

| Neg Control RNA | Mock | aiR-200a-3 rep 1 | aiR-200a-3 rep 2 | m200a | AKT1 siRNA 1 rep 1 | AKT1 siRNA 1 rep 2 |
|-----------------|------|------------------|------------------|-------|--------------------|--------------------|
| 0.1             | 0.1  | 0.2              | 0.0              | 0.2   | 0.2                | 0.0                |
| 0.1             | 0.1  | 0.0              | 0.1              | 0.0   | 0.0                | 0.0                |
| 18.4            | 21.4 | 19.1             | 20.5             | 19.3  | 25.6               | 38.3               |
| 5.9             | 7.3  | 5.6              | 5.2              | 8.4   | 6.3                | 1.7                |
| 10.6            | 15.8 | 12.8             | 15.8             | 13.2  | 18.2               | 14.7               |
| 1.0             | 1.5  | 0.9              | 1.0              | 1.4   | 1.6                | 0.1                |
| 7.1             | 6.0  | 8.6              | 10.0             | 8.1   | 6.9                | 8.1                |
| 9.5             | 11.0 | 7.0              | 6.6              | 12.3  | 8.0                | 2.3                |
| 0.1             | 0.2  | 0.2              | 0.3              | 0.1   | 0.3                | 0.0                |
| 1.0             | 0.9  | 1.4              | 1.1              | 1.7   | 1.2                | 1.8                |
| 7.8             | 9.0  | 8.5              | 8.5              | 10.0  | 10.7               | 8.1                |
| 12.3            | 15.6 | 5.6              | 6.6              | 9.8   | 17.4               | 12.5               |
| 2.7             | 3.4  | 3.2              | 2.7              | 4.9   | 4.4                | 1.7                |
| 0.0             | 0.0  | 0.2              | 0.2              | 0.0   | 0.1                | 0.0                |
| 15.0            | 16.3 | 12.3             | 12.0             | 20.4  | 21.3               | 6.6                |
| 2.3             | 3.2  | 2.7              | 3.5              | 2.8   | 3.6                | 4.2                |
| 0.0             | 0.2  | 0.7              | 0.1              | 0.2   | 0.2                | 0.0                |
| 0.1             | 0.0  | 0.4              | 0.5              | 0.2   | 0.3                | 0.0                |
| 0.1             | 0.2  | 0.6              | 0.5              | 0.0   | 0.7                | 0.0                |
| 0.0             | 0.0  | 0.0              | 0.6              | 0.4   | 0.0                | 0.0                |
| 0.1             | 0.0  | 0.3              | 0.7              | 0.1   | 0.2                | 0.0                |
| 8.4             | 15.1 | 10.8             | 14.3             | 11.7  | 13.5               | 16.9               |
| 25.6            | 32.0 | 26.8             | 32.3             | 31.7  | 32.7               | 25.9               |
| 7.9             | 7.3  | 5.3              | 5.3              | 10.0  | 8.6                | 3.4                |
| 18.6            | 15.7 | 21.2             | 22.6             | 28.0  | 22.1               | 22.8               |
| 0.3             | 0.4  | 1.2              | 0.1              | 0.6   | 0.7                | 0.0                |
| 0.0             | 0.0  | 0.0              | 0.0              | 0.0   | 0.0                | 0.0                |
| 0.0             | 0.1  | 0.3              | 0.0              | 0.8   | 0.8                | 0.0                |
| 3.7             | 7.6  | 6.8              | 6.8              | 10.5  | 9.3                | 4.5                |
| 4.8             | 6.5  | 6.3              | 6.5              | 5.6   | 5.4                | 3.4                |
| 0.0             | 0.1  | 0.1              | 0.0              | 0.0   | 0.0                | 0.0                |
| 2.5             | 3.2  | 2.3              | 2.8              | 4.6   | 3.5                | 0.7                |
| 6.1             | 9.0  | 6.8              | 8.4              | 9.7   | 11.3               | 0.2                |
| 1.5             | 1.9  | 1.5              | 1.6              | 1.6   | 2.2                | 0.1                |
| 0.4             | 1.1  | 2.2              | 1.9              | 0.9   | 2.2                | 0.6                |
| 0.0             | 0.0  | 0.0              | 1.3              | 0.0   | 0.0                | 0.0                |
| 0.0             | 0.0  | 0.0              | 1.3              | 0.0   | 0.0                | 0.0                |
| 0.0             | 0.0  | 0.0              | 0.0              | 0.0   | 0.0                | 0.0                |
| 0.0             | 0.0  | 0.0              | 0.0              | 1.2   | 0.0                | 0.0                |
| 0.0             | 0.0  | 0.0              | 0.0              | 0.0   | 0.0                | 0.0                |
| 0.0             | 0.0  | 0.0              | 0.0              | 0.0   | 0.0                | 0.0                |
| 0.0             | 0.0  | 0.4              | 0.1              | 0.0   | 0.3                | 0.0                |
| 0.1             | 0.1  | 0.1              | 0.7              | 0.3   | 0.7                | 0.0                |
| 1.5             | 2.9  | 3.4              | 3.5              | 3.1   | 4.7                | 2.2                |
| 0.9             | 0.9  | 1.5              | 1.5              | 1.1   | 1.3                | 0.9                |
| 3.7             | 9.7  | 11.1             | 11.3             | 6.1   | 9.7                | 3.4                |

|        |       |       |       |       |       |       |
|--------|-------|-------|-------|-------|-------|-------|
| 8.5    | 9.2   | 12.1  | 12.2  | 9.0   | 8.5   | 8.4   |
| 4.3    | 4.2   | 4.0   | 5.5   | 4.3   | 4.8   | 6.4   |
| 0.0    | 0.1   | 0.4   | 0.4   | 0.1   | 0.4   | 0.0   |
| 0.1    | 0.1   | 0.0   | 0.1   | 0.0   | 0.3   | 0.0   |
| 14.5   | 16.4  | 15.2  | 14.5  | 14.1  | 19.5  | 14.9  |
| 0.1    | 0.2   | 0.7   | 0.2   | 0.4   | 0.3   | 0.0   |
| 0.0    | 0.0   | 0.5   | 0.3   | 0.2   | 0.0   | 0.0   |
| 0.0    | 0.0   | 0.3   | 0.1   | 0.1   | 0.2   | 0.0   |
| 0.6    | 1.4   | 2.8   | 2.4   | 1.3   | 2.2   | 0.4   |
| 0.7    | 0.8   | 0.8   | 0.8   | 0.8   | 0.9   | 1.2   |
| 44.3   | 54.9  | 56.9  | 54.8  | 56.6  | 53.5  | 43.3  |
| 15.5   | 15.6  | 11.3  | 10.9  | 13.0  | 21.0  | 13.1  |
| 0.5    | 0.9   | 0.7   | 1.1   | 0.5   | 0.9   | 1.0   |
| 0.0    | 0.1   | 0.4   | 0.3   | 0.0   | 0.3   | 0.0   |
| 0.1    | 0.0   | 0.5   | 0.3   | 0.1   | 0.2   | 0.0   |
| 0.0    | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 3.6    | 4.6   | 3.8   | 3.4   | 6.6   | 5.8   | 2.8   |
| 0.4    | 0.3   | 0.5   | 0.5   | 0.2   | 0.3   | 0.5   |
| 3.1    | 3.5   | 3.2   | 4.1   | 3.3   | 3.6   | 2.8   |
| 1.4    | 3.4   | 2.8   | 2.9   | 4.4   | 2.1   | 0.1   |
| 2.2    | 4.4   | 5.2   | 4.8   | 4.2   | 4.3   | 2.8   |
| 5.5    | 7.1   | 5.8   | 5.5   | 9.1   | 6.2   | 3.5   |
| 36.4   | 38.2  | 38.2  | 34.7  | 37.1  | 53.1  | 39.2  |
| 0.0    | 0.1   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 8.4    | 8.8   | 7.6   | 7.5   | 14.4  | 12.0  | 3.1   |
| 977.0  | 835.5 | 467.0 | 640.0 | 572.3 | 646.6 | 927.1 |
| 1087.2 | 954.4 | 620.7 | 789.3 | 633.5 | 642.6 | 798.1 |
| 793.0  | 587.1 | 412.5 | 501.9 | 592.1 | 475.4 | 812.9 |
| 0.1    | 0.1   | 0.3   | 0.4   | 0.1   | 0.8   | 0.0   |
| 7.5    | 8.4   | 7.1   | 9.6   | 9.1   | 10.8  | 4.6   |
| 11.0   | 10.4  | 12.4  | 11.8  | 11.7  | 11.8  | 10.7  |
| 0.0    | 0.1   | 0.3   | 0.3   | 0.0   | 0.1   | 0.0   |
| 3.3    | 5.8   | 6.7   | 8.0   | 7.4   | 7.2   | 5.5   |
| 0.0    | 0.0   | 0.1   | 0.5   | 0.0   | 0.1   | 0.0   |
| 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.1    | 1.6   | 3.3   | 1.6   | 1.2   | 0.5   | 0.0   |
| 0.5    | 0.7   | 1.2   | 1.4   | 1.4   | 1.2   | 1.0   |
| 9.6    | 12.3  | 14.3  | 17.1  | 15.7  | 15.1  | 16.9  |
| 2.4    | 2.0   | 2.9   | 3.4   | 3.7   | 3.0   | 1.3   |
| 184.8  | 171.0 | 238.4 | 239.1 | 227.8 | 197.9 | 266.8 |
| 25.0   | 32.9  | 24.4  | 25.5  | 37.3  | 28.0  | 19.1  |
| 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 1.0   | 0.0   |
| 0.1    | 0.0   | 0.2   | 0.5   | 0.0   | 0.3   | 0.0   |
| 7.1    | 7.1   | 8.2   | 10.6  | 8.3   | 7.4   | 13.9  |
| 0.0    | 0.0   | 1.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0    | 0.0   | 0.1   | 0.0   | 0.0   | 0.4   | 0.0   |
| 1.0    | 1.7   | 1.9   | 1.7   | 0.7   | 1.6   | 1.0   |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 6.3   | 8.3   | 5.1   | 5.9   | 7.3   | 9.6   | 4.8   |
| 0.0   | 0.0   | 0.1   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.4   | 0.1   | 0.4   | 0.4   | 0.3   | 0.3   | 0.0   |
| 0.1   | 0.2   | 0.8   | 0.6   | 0.1   | 0.7   | 0.1   |
| 8.7   | 9.8   | 7.0   | 6.6   | 11.1  | 9.5   | 0.9   |
| 6.4   | 6.1   | 4.8   | 4.9   | 9.5   | 9.0   | 3.8   |
| 8.2   | 9.1   | 7.1   | 8.7   | 12.1  | 8.2   | 3.2   |
| 0.4   | 0.8   | 1.2   | 1.1   | 0.7   | 1.6   | 0.8   |
| 39.8  | 39.6  | 43.6  | 56.3  | 52.8  | 41.9  | 67.5  |
| 0.2   | 0.3   | 0.5   | 0.7   | 0.1   | 0.4   | 0.0   |
| 2.9   | 3.6   | 4.1   | 4.5   | 4.0   | 4.7   | 4.5   |
| 38.6  | 52.8  | 39.6  | 39.1  | 53.7  | 51.8  | 25.4  |
| 0.1   | 0.1   | 0.7   | 0.3   | 0.4   | 0.3   | 0.0   |
| 3.0   | 2.6   | 3.5   | 4.0   | 3.2   | 3.2   | 5.2   |
| 0.2   | 0.1   | 0.5   | 0.4   | 0.3   | 0.2   | 0.0   |
| 2.4   | 3.4   | 2.5   | 2.7   | 3.6   | 2.9   | 4.4   |
| 8.3   | 9.2   | 8.0   | 7.5   | 12.1  | 9.7   | 3.8   |
| 0.2   | 0.0   | 0.0   | 0.1   | 0.2   | 0.0   | 0.0   |
| 1.2   | 1.0   | 2.3   | 1.6   | 1.7   | 1.9   | 1.2   |
| 5.3   | 4.4   | 5.4   | 6.5   | 6.6   | 6.8   | 8.3   |
| 7.3   | 9.4   | 10.7  | 7.9   | 9.0   | 9.6   | 5.1   |
| 5.5   | 6.7   | 5.2   | 4.8   | 6.7   | 8.3   | 5.5   |
| 0.8   | 2.3   | 4.3   | 4.0   | 2.0   | 2.9   | 1.2   |
| 0.2   | 0.1   | 0.8   | 0.0   | 0.6   | 0.2   | 0.0   |
| 15.1  | 13.9  | 20.6  | 21.4  | 20.7  | 23.2  | 15.1  |
| 4.5   | 4.4   | 2.7   | 1.7   | 2.9   | 6.1   | 4.6   |
| 1.9   | 3.4   | 2.2   | 2.6   | 3.6   | 3.5   | 1.4   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.2   | 0.9   | 0.2   | 0.6   | 0.4   | 0.3   | 1.8   |
| 2.9   | 4.2   | 5.5   | 4.8   | 5.0   | 3.6   | 1.8   |
| 1.8   | 2.2   | 1.5   | 1.9   | 2.4   | 2.7   | 0.7   |
| 563.3 | 829.5 | 805.8 | 992.6 | 780.6 | 742.7 | 898.9 |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.1   | 0.1   | 0.0   |
| 14.6  | 14.8  | 15.8  | 17.4  | 16.0  | 12.9  | 15.6  |
| 2.1   | 2.4   | 1.7   | 1.8   | 3.2   | 2.6   | 0.4   |
| 20.6  | 21.5  | 27.9  | 33.4  | 32.6  | 27.3  | 30.1  |
| 2.4   | 3.2   | 3.9   | 4.7   | 4.1   | 3.9   | 3.6   |
| 0.9   | 1.5   | 1.2   | 1.1   | 0.9   | 1.0   | 0.0   |
| 38.8  | 58.9  | 66.4  | 70.6  | 59.9  | 63.8  | 59.0  |
| 2.7   | 2.4   | 3.5   | 3.8   | 2.3   | 2.6   | 3.7   |
| 2.5   | 2.2   | 3.3   | 3.7   | 2.1   | 2.9   | 3.7   |
| 0.1   | 0.0   | 1.0   | 0.7   | 0.3   | 0.5   | 0.0   |
| 0.1   | 0.3   | 1.0   | 0.7   | 0.3   | 0.8   | 0.2   |
| 1.7   | 4.5   | 5.1   | 6.8   | 6.7   | 5.1   | 1.9   |
| 45.6  | 41.5  | 51.1  | 57.0  | 57.0  | 57.1  | 78.7  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.1  | 0.2  | 0.4  | 0.2  | 0.2  | 0.0  | 0.3  |
| 5.0  | 5.1  | 4.9  | 4.0  | 7.2  | 4.9  | 1.7  |
| 6.8  | 8.5  | 7.2  | 7.2  | 9.1  | 7.1  | 4.6  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  |
| 8.8  | 9.1  | 10.8 | 11.6 | 10.0 | 9.3  | 10.9 |
| 3.6  | 4.0  | 5.9  | 6.7  | 5.9  | 5.1  | 4.2  |
| 0.1  | 0.3  | 0.3  | 0.4  | 0.5  | 0.5  | 0.0  |
| 7.6  | 11.9 | 8.8  | 11.8 | 7.5  | 6.6  | 17.7 |
| 0.2  | 0.1  | 0.2  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.4  | 0.3  | 0.0  | 0.0  | 0.0  |
| 1.6  | 1.4  | 2.3  | 2.1  | 2.7  | 2.3  | 0.7  |
| 2.6  | 4.4  | 2.6  | 2.5  | 4.5  | 4.9  | 1.8  |
| 1.0  | 1.2  | 0.8  | 0.9  | 1.5  | 1.4  | 0.2  |
| 0.4  | 0.5  | 0.5  | 0.6  | 0.6  | 0.6  | 0.0  |
| 0.1  | 0.2  | 0.5  | 0.3  | 0.3  | 0.4  | 0.0  |
| 5.3  | 5.9  | 4.1  | 3.7  | 6.7  | 7.0  | 4.4  |
| 0.1  | 0.2  | 0.8  | 0.8  | 0.2  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.6  | 1.2  | 1.4  | 1.4  | 1.8  | 1.9  | 3.3  |
| 5.8  | 7.8  | 7.7  | 6.5  | 8.7  | 8.3  | 6.1  |
| 0.8  | 1.8  | 5.8  | 3.7  | 2.6  | 3.4  | 0.3  |
| 4.6  | 7.5  | 8.5  | 4.8  | 9.7  | 7.0  | 2.3  |
| 1.8  | 3.3  | 3.2  | 3.5  | 2.4  | 3.5  | 4.2  |
| 12.2 | 13.8 | 19.0 | 17.9 | 20.1 | 10.0 | 5.0  |
| 2.7  | 4.2  | 6.1  | 6.8  | 4.4  | 5.7  | 3.5  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.3  | 0.6  | 0.2  | 0.3  | 0.2  | 0.0  |
| 6.9  | 9.1  | 9.6  | 8.4  | 10.1 | 7.9  | 7.4  |
| 14.2 | 21.4 | 19.4 | 19.2 | 16.0 | 17.8 | 15.8 |
| 0.1  | 0.1  | 0.3  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.9  | 0.2  | 0.1  | 0.0  | 0.0  |
| 2.2  | 3.8  | 8.1  | 8.1  | 3.9  | 7.0  | 2.0  |
| 2.6  | 4.2  | 3.7  | 4.0  | 5.0  | 4.2  | 4.0  |
| 0.1  | 0.2  | 0.4  | 0.3  | 0.1  | 0.2  | 0.0  |
| 2.0  | 2.1  | 3.6  | 3.4  | 8.5  | 2.0  | 0.0  |
| 3.2  | 3.2  | 2.9  | 2.9  | 3.5  | 3.1  | 1.8  |
| 13.7 | 17.1 | 18.2 | 25.5 | 18.4 | 16.3 | 16.1 |
| 4.0  | 4.6  | 4.0  | 4.5  | 5.6  | 2.8  | 2.2  |
| 0.1  | 0.2  | 0.2  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.6  | 0.7  | 0.8  | 0.7  | 1.1  | 0.7  | 0.2  |
| 0.1  | 0.1  | 1.0  | 0.6  | 0.1  | 0.7  | 0.5  |
| 3.5  | 3.8  | 3.2  | 3.0  | 3.5  | 1.6  | 2.8  |
| 0.3  | 0.2  | 0.6  | 0.8  | 0.5  | 0.4  | 0.4  |
| 0.0  | 0.2  | 0.2  | 0.0  | 1.4  | 0.8  | 0.0  |
| 0.5  | 0.7  | 1.7  | 2.0  | 0.8  | 1.5  | 0.9  |
| 13.8 | 10.0 | 11.3 | 14.1 | 13.5 | 11.0 | 22.7 |



|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 5.4  | 8.9  | 6.1  | 7.2  | 9.8  | 10.9 | 2.7  |
| 0.5  | 0.3  | 0.4  | 0.5  | 0.4  | 0.6  | 0.0  |
| 0.7  | 0.9  | 0.8  | 0.8  | 1.0  | 1.0  | 0.1  |
| 0.0  | 0.0  | 0.9  | 0.2  | 0.4  | 0.0  | 0.0  |
| 3.8  | 4.2  | 4.7  | 4.7  | 5.2  | 5.7  | 6.4  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.1  | 0.4  | 0.0  |
| 25.6 | 34.6 | 26.4 | 28.4 | 41.5 | 36.9 | 14.3 |
| 0.8  | 0.7  | 1.0  | 1.2  | 1.1  | 1.2  | 0.3  |
| 1.0  | 0.9  | 1.7  | 1.7  | 1.9  | 2.2  | 0.1  |
| 2.1  | 2.7  | 2.5  | 2.7  | 3.3  | 3.6  | 4.0  |
| 0.2  | 0.1  | 0.2  | 0.3  | 0.4  | 0.4  | 0.2  |
| 0.2  | 0.4  | 0.6  | 0.7  | 0.4  | 0.7  | 0.0  |
| 1.6  | 0.9  | 1.6  | 2.0  | 2.1  | 1.6  | 1.5  |
| 0.1  | 0.2  | 0.3  | 0.4  | 0.4  | 0.3  | 0.2  |
| 0.5  | 0.3  | 0.3  | 0.4  | 0.5  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 7.1  | 6.5  | 8.1  | 7.3  | 10.8 | 7.6  | 5.9  |
| 7.3  | 7.7  | 7.3  | 10.2 | 7.2  | 8.6  | 16.9 |
| 10.1 | 7.9  | 11.6 | 12.4 | 10.6 | 11.6 | 16.3 |
| 4.8  | 7.9  | 5.0  | 6.0  | 9.1  | 7.0  | 8.2  |
| 12.1 | 16.0 | 16.3 | 15.7 | 13.4 | 21.6 | 17.4 |
| 0.0  | 0.2  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 16.0 | 18.4 | 22.8 | 23.6 | 20.6 | 18.7 | 28.9 |
| 8.8  | 7.2  | 5.7  | 7.5  | 8.3  | 9.1  | 19.0 |
| 7.7  | 11.7 | 10.6 | 11.6 | 11.8 | 9.0  | 12.9 |
| 4.1  | 6.1  | 7.2  | 7.3  | 5.9  | 7.0  | 3.0  |
| 4.9  | 4.9  | 5.7  | 5.0  | 7.1  | 6.1  | 8.5  |
| 3.2  | 2.6  | 7.9  | 5.4  | 4.8  | 3.6  | 2.6  |
| 0.5  | 0.5  | 0.7  | 0.6  | 0.6  | 0.7  | 0.0  |
| 4.6  | 5.0  | 5.5  | 5.8  | 7.2  | 6.4  | 5.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.2  | 0.0  |
| 14.8 | 21.3 | 28.0 | 31.0 | 20.0 | 24.1 | 31.6 |
| 2.1  | 3.6  | 3.0  | 3.4  | 2.6  | 4.7  | 1.4  |
| 9.0  | 16.7 | 15.1 | 16.5 | 19.2 | 17.8 | 12.4 |
| 0.3  | 0.2  | 0.3  | 0.3  | 0.3  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 4.6  | 5.6  | 6.5  | 6.0  | 5.6  | 6.3  | 4.8  |
| 3.7  | 3.9  | 6.8  | 5.7  | 5.6  | 5.4  | 4.5  |
| 0.9  | 2.8  | 4.1  | 4.1  | 1.9  | 4.2  | 1.4  |
| 5.4  | 7.4  | 4.0  | 3.6  | 5.9  | 7.8  | 7.6  |
| 7.1  | 8.2  | 5.6  | 5.9  | 7.3  | 6.1  | 7.4  |
| 2.0  | 3.1  | 3.0  | 2.8  | 4.2  | 4.7  | 0.9  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.1  | 0.2  | 0.0  |
| 13.5 | 14.0 | 10.6 | 13.5 | 16.6 | 13.8 | 4.8  |
| 0.2  | 0.2  | 0.2  | 0.2  | 0.1  | 0.4  | 0.1  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 8.7   | 6.9   | 14.3  | 15.8  | 16.1  | 9.1   | 18.2  |
| 2.5   | 4.6   | 3.8   | 4.5   | 3.6   | 4.2   | 5.0   |
| 20.2  | 26.9  | 23.4  | 27.8  | 32.8  | 30.2  | 21.2  |
| 0.1   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 80.1  | 81.0  | 87.2  | 102.5 | 87.8  | 81.4  | 132.7 |
| 4.0   | 4.4   | 5.1   | 4.5   | 5.8   | 4.1   | 1.0   |
| 11.6  | 8.9   | 13.9  | 11.5  | 17.6  | 11.4  | 5.5   |
| 0.0   | 0.4   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 23.4  | 25.0  | 30.0  | 25.6  | 26.4  | 25.5  | 19.1  |
| 14.8  | 20.1  | 17.8  | 18.9  | 20.5  | 19.6  | 7.5   |
| 3.8   | 6.2   | 10.0  | 11.0  | 6.2   | 11.2  | 18.4  |
| 0.3   | 0.5   | 0.2   | 0.5   | 0.4   | 0.3   | 0.2   |
| 0.7   | 1.0   | 1.4   | 1.2   | 1.1   | 1.2   | 0.5   |
| 2.9   | 2.4   | 3.0   | 1.6   | 3.4   | 2.8   | 4.6   |
| 1.5   | 1.1   | 1.4   | 1.1   | 2.0   | 2.9   | 0.0   |
| 3.2   | 3.0   | 4.2   | 5.4   | 3.3   | 2.8   | 4.0   |
| 2.8   | 4.4   | 5.5   | 6.8   | 6.2   | 6.2   | 5.9   |
| 5.3   | 5.4   | 5.0   | 4.5   | 7.9   | 7.6   | 2.7   |
| 3.2   | 3.9   | 4.3   | 4.5   | 6.2   | 4.9   | 2.3   |
| 5.4   | 6.0   | 5.1   | 5.0   | 7.5   | 7.5   | 2.4   |
| 39.3  | 46.2  | 45.6  | 49.5  | 39.0  | 48.5  | 48.2  |
| 30.8  | 26.4  | 29.5  | 33.8  | 30.0  | 36.1  | 47.7  |
| 0.5   | 1.2   | 2.5   | 1.9   | 1.4   | 1.7   | 0.8   |
| 8.9   | 11.2  | 7.7   | 9.4   | 13.2  | 14.0  | 5.6   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 164.3 | 264.7 | 210.0 | 221.0 | 188.7 | 189.5 | 207.1 |
| 8.7   | 8.7   | 9.3   | 9.9   | 9.8   | 12.2  | 11.3  |
| 0.0   | 0.0   | 0.2   | 0.3   | 0.0   | 0.1   | 0.0   |
| 1.0   | 1.1   | 0.8   | 1.3   | 1.2   | 1.0   | 0.6   |
| 0.7   | 1.0   | 0.8   | 0.9   | 1.0   | 0.8   | 0.6   |
| 0.8   | 0.8   | 0.7   | 1.3   | 0.2   | 1.1   | 0.4   |
| 2.1   | 4.1   | 2.2   | 1.9   | 4.6   | 3.1   | 0.1   |
| 9.5   | 11.6  | 12.1  | 14.1  | 10.9  | 11.2  | 9.2   |
| 8.7   | 12.7  | 14.0  | 14.8  | 10.1  | 14.7  | 9.3   |
| 1.1   | 1.2   | 1.2   | 1.3   | 1.6   | 0.9   | 1.3   |
| 0.2   | 0.2   | 0.4   | 0.7   | 0.3   | 0.6   | 0.0   |
| 22.2  | 14.0  | 14.4  | 25.1  | 20.4  | 16.0  | 15.4  |
| 4.1   | 5.3   | 5.6   | 9.0   | 6.0   | 7.3   | 4.4   |
| 1.4   | 1.9   | 2.3   | 2.3   | 1.6   | 1.4   | 3.3   |
| 0.2   | 0.0   | 0.2   | 0.1   | 0.0   | 0.0   | 0.0   |
| 17.8  | 20.1  | 17.1  | 17.9  | 29.9  | 17.7  | 4.3   |
| 14.1  | 10.0  | 14.5  | 11.0  | 13.8  | 9.0   | 7.7   |
| 54.7  | 41.1  | 50.2  | 55.0  | 59.0  | 50.0  | 117.8 |
| 0.1   | 0.0   | 0.3   | 0.3   | 0.0   | 0.1   | 0.0   |
| 13.6  | 6.9   | 13.9  | 17.1  | 14.5  | 9.6   | 15.7  |
| 42.6  | 47.2  | 35.9  | 42.7  | 48.7  | 45.0  | 47.6  |
| 0.3   | 0.7   | 0.9   | 1.2   | 1.8   | 1.6   | 0.0   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 1.2  | 1.5  | 1.2  | 1.0  | 1.7  | 1.1  | 0.5  |
| 3.9  | 5.0  | 4.1  | 3.9  | 6.0  | 5.4  | 0.9  |
| 8.8  | 9.8  | 9.4  | 9.6  | 14.9 | 13.3 | 1.9  |
| 7.3  | 6.0  | 6.8  | 9.2  | 8.2  | 8.3  | 14.1 |
| 0.9  | 1.1  | 1.3  | 1.4  | 1.4  | 1.6  | 2.2  |
| 1.1  | 0.8  | 1.2  | 1.2  | 2.4  | 1.1  | 0.3  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3.5  | 3.7  | 2.4  | 2.7  | 3.3  | 5.4  | 2.3  |
| 1.0  | 1.3  | 1.7  | 1.3  | 2.6  | 1.7  | 0.9  |
| 0.6  | 1.4  | 1.7  | 1.4  | 0.6  | 1.3  | 0.2  |
| 0.0  | 0.0  | 0.4  | 0.1  | 0.0  | 0.6  | 0.0  |
| 0.1  | 0.0  | 0.9  | 0.2  | 0.0  | 0.6  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.2  | 0.0  | 0.0  | 0.0  |
| 13.0 | 17.7 | 21.2 | 24.8 | 17.0 | 21.3 | 12.3 |
| 50.2 | 52.2 | 60.6 | 60.2 | 60.6 | 53.0 | 60.1 |
| 3.1  | 3.1  | 3.2  | 3.9  | 3.7  | 4.2  | 3.5  |
| 27.3 | 29.2 | 21.9 | 17.2 | 37.2 | 32.2 | 21.4 |
| 9.7  | 9.6  | 5.5  | 5.1  | 13.5 | 6.4  | 2.3  |
| 9.5  | 9.6  | 10.2 | 12.1 | 8.2  | 10.7 | 19.2 |
| 0.3  | 0.5  | 0.6  | 0.5  | 0.5  | 0.2  | 0.2  |
| 14.7 | 18.7 | 16.7 | 16.6 | 22.5 | 12.9 | 3.2  |
| 6.5  | 8.0  | 4.8  | 4.3  | 7.7  | 10.2 | 6.0  |
| 6.7  | 6.9  | 6.2  | 5.9  | 8.4  | 7.6  | 9.1  |
| 51.1 | 66.3 | 69.9 | 75.9 | 56.1 | 59.8 | 56.7 |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.2  | 0.2  | 0.0  |
| 1.1  | 1.6  | 3.0  | 3.3  | 1.1  | 1.4  | 1.0  |
| 0.8  | 1.1  | 0.8  | 1.4  | 1.7  | 1.9  | 1.5  |
| 8.4  | 10.3 | 9.8  | 9.3  | 9.2  | 13.3 | 10.9 |
| 0.9  | 1.2  | 1.3  | 1.2  | 1.4  | 1.4  | 0.4  |
| 1.5  | 3.2  | 4.5  | 3.1  | 3.3  | 4.2  | 2.2  |
| 0.1  | 0.1  | 0.4  | 0.2  | 0.0  | 0.2  | 0.0  |
| 3.6  | 4.8  | 7.1  | 7.0  | 8.2  | 8.5  | 5.9  |
| 1.6  | 2.7  | 2.5  | 3.2  | 2.3  | 3.9  | 1.3  |
| 13.8 | 9.5  | 15.3 | 22.5 | 15.8 | 15.2 | 28.5 |
| 1.4  | 1.7  | 2.0  | 1.7  | 2.2  | 2.5  | 0.5  |
| 0.5  | 0.5  | 1.0  | 1.0  | 0.7  | 1.1  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.3  | 0.1  | 0.4  | 0.0  |
| 8.0  | 7.9  | 7.3  | 7.3  | 9.7  | 9.9  | 6.0  |
| 3.6  | 3.4  | 3.5  | 4.0  | 4.9  | 6.2  | 3.0  |
| 9.7  | 8.6  | 8.2  | 8.9  | 12.6 | 11.9 | 8.0  |
| 0.2  | 0.2  | 0.2  | 0.3  | 0.3  | 0.3  | 0.0  |
| 0.1  | 0.2  | 0.5  | 0.5  | 0.2  | 0.3  | 0.0  |
| 0.3  | 0.6  | 1.2  | 1.0  | 0.3  | 1.8  | 0.0  |
| 1.2  | 2.1  | 1.8  | 1.5  | 1.5  | 2.3  | 1.1  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.7  | 1.2  | 2.1  | 1.5  | 0.8  | 1.8  | 0.4  |
| 55.9 | 52.8 | 32.4 | 43.1 | 52.0 | 66.8 | 70.1 |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.1  | 0.1  | 0.4  | 0.2  | 0.2  | 0.1  | 0.0  |
| 4.2  | 3.7  | 5.7  | 6.4  | 5.8  | 6.2  | 6.6  |
| 6.6  | 4.4  | 9.1  | 8.6  | 6.3  | 5.9  | 7.3  |
| 0.1  | 0.0  | 0.8  | 0.3  | 0.2  | 1.0  | 0.0  |
| 0.2  | 0.1  | 0.5  | 0.2  | 0.2  | 0.3  | 0.0  |
| 0.2  | 0.1  | 0.2  | 0.4  | 0.2  | 0.4  | 0.0  |
| 6.2  | 9.0  | 12.1 | 15.9 | 10.7 | 11.7 | 12.4 |
| 1.3  | 1.5  | 1.5  | 2.0  | 2.5  | 2.2  | 1.8  |
| 0.9  | 0.7  | 1.3  | 1.6  | 1.2  | 1.3  | 1.1  |
| 0.1  | 0.1  | 0.5  | 0.5  | 0.2  | 0.1  | 0.3  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 11.0 | 10.6 | 10.8 | 12.4 | 12.2 | 11.0 | 15.9 |
| 2.9  | 2.2  | 2.6  | 2.9  | 2.7  | 2.2  | 2.0  |
| 3.8  | 4.8  | 3.2  | 2.7  | 5.1  | 5.5  | 1.3  |
| 1.7  | 1.3  | 1.3  | 1.4  | 2.5  | 2.4  | 0.0  |
| 0.2  | 0.2  | 0.8  | 0.4  | 0.3  | 0.8  | 0.0  |
| 0.2  | 0.2  | 0.4  | 0.5  | 0.2  | 0.3  | 0.2  |
| 0.1  | 0.1  | 1.0  | 0.0  | 0.0  | 0.7  | 0.0  |
| 0.1  | 0.0  | 0.1  | 0.2  | 0.0  | 0.1  | 0.0  |
| 2.1  | 2.8  | 2.1  | 3.3  | 3.0  | 2.7  | 1.7  |
| 3.2  | 3.4  | 4.1  | 4.9  | 4.0  | 4.1  | 5.2  |
| 0.1  | 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.5  | 1.3  | 2.8  | 2.3  | 0.8  | 2.2  | 0.0  |
| 0.5  | 0.8  | 2.2  | 2.0  | 0.9  | 1.6  | 0.8  |
| 0.0  | 0.1  | 0.6  | 0.1  | 0.1  | 0.0  | 0.0  |
| 4.1  | 4.7  | 4.8  | 6.8  | 4.8  | 7.2  | 13.9 |
| 8.8  | 10.8 | 10.3 | 11.4 | 11.3 | 9.5  | 11.3 |
| 4.2  | 4.2  | 4.9  | 5.8  | 6.5  | 6.5  | 3.5  |
| 2.3  | 2.5  | 3.4  | 3.8  | 2.9  | 2.6  | 3.5  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.8  | 1.6  | 3.7  | 3.4  | 2.4  | 1.6  | 2.3  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.4  | 0.2  | 0.1  | 0.5  | 0.0  |
| 0.1  | 0.2  | 0.5  | 0.7  | 0.1  | 0.7  | 0.0  |
| 1.2  | 1.3  | 2.4  | 1.7  | 1.7  | 2.3  | 2.5  |
| 11.1 | 12.8 | 18.6 | 18.5 | 14.0 | 12.8 | 16.0 |
| 0.0  | 0.1  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.3  | 0.3  | 0.5  | 0.7  | 0.3  | 0.4  | 0.0  |
| 0.5  | 1.3  | 2.6  | 1.5  | 0.9  | 1.9  | 0.7  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 6.1  | 10.5 | 12.0 | 10.1 | 11.9 | 14.7 | 10.4 |
| 0.0  | 0.1  | 0.6  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.6  | 0.2  | 0.7  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.3  | 0.0  | 0.1  | 0.0  |
| 7.6  | 10.4 | 8.7  | 9.0  | 11.1 | 8.2  | 5.9  |
| 6.6  | 7.6  | 6.9  | 4.9  | 7.8  | 6.3  | 2.8  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.4  | 0.4  | 0.8  | 0.5  | 0.4  | 0.6  | 1.2  |
| 27.3 | 36.5 | 33.3 | 36.4 | 30.5 | 35.6 | 39.1 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.3  | 0.1  | 0.4  | 0.1  | 0.0  |
| 0.5  | 0.7  | 0.9  | 1.0  | 1.0  | 0.7  | 0.8  |
| 0.0  | 0.1  | 0.4  | 0.2  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.1  | 0.3  | 0.6  | 0.7  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.3  | 0.2  | 0.0  | 0.0  |
| 0.8  | 0.9  | 1.5  | 1.3  | 1.9  | 1.6  | 1.1  |
| 1.1  | 1.4  | 1.1  | 1.2  | 1.6  | 2.1  | 0.4  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.7  | 1.2  | 0.9  | 0.9  | 0.8  | 1.2  | 0.3  |
| 0.6  | 0.6  | 0.5  | 0.4  | 0.9  | 0.5  | 0.2  |
| 2.2  | 3.5  | 4.3  | 3.8  | 4.2  | 4.6  | 1.6  |
| 4.4  | 3.5  | 6.9  | 7.2  | 4.5  | 5.3  | 4.4  |
| 0.4  | 0.7  | 0.7  | 0.7  | 0.2  | 0.9  | 0.0  |
| 0.1  | 0.0  | 0.9  | 0.9  | 0.6  | 0.4  | 0.0  |
| 5.5  | 4.7  | 6.4  | 10.0 | 6.8  | 7.6  | 8.5  |
| 0.1  | 0.0  | 0.4  | 0.3  | 0.0  | 0.3  | 0.0  |
| 7.9  | 9.7  | 9.8  | 10.8 | 6.4  | 10.1 | 11.4 |
| 2.0  | 1.7  | 1.9  | 2.4  | 2.1  | 2.0  | 2.0  |
| 5.2  | 7.7  | 8.1  | 8.8  | 11.1 | 11.8 | 7.6  |
| 0.5  | 1.7  | 1.4  | 1.4  | 0.9  | 0.7  | 3.0  |
| 0.1  | 0.1  | 0.1  | 0.3  | 0.1  | 0.2  | 0.0  |
| 0.1  | 0.1  | 0.3  | 0.3  | 0.1  | 0.5  | 0.0  |
| 2.8  | 2.1  | 3.8  | 3.6  | 2.0  | 3.6  | 2.7  |
| 0.0  | 0.2  | 0.3  | 0.3  | 0.1  | 0.2  | 0.0  |
| 3.2  | 3.9  | 3.8  | 4.8  | 2.6  | 3.2  | 4.0  |
| 9.3  | 13.9 | 11.9 | 13.1 | 15.4 | 6.9  | 5.8  |
| 0.4  | 0.2  | 0.2  | 0.0  | 0.2  | 0.3  | 0.0  |
| 4.1  | 5.7  | 7.1  | 8.1  | 8.1  | 6.9  | 1.8  |
| 5.4  | 10.3 | 9.3  | 8.7  | 8.1  | 9.2  | 5.1  |
| 0.6  | 0.8  | 0.9  | 1.0  | 0.8  | 1.1  | 1.2  |
| 3.7  | 4.5  | 3.9  | 4.6  | 5.5  | 6.1  | 2.9  |
| 13.0 | 11.7 | 11.9 | 12.9 | 10.6 | 19.1 | 19.7 |
| 1.4  | 1.6  | 1.8  | 1.7  | 1.3  | 2.0  | 1.5  |
| 8.5  | 9.1  | 6.8  | 7.4  | 10.6 | 9.6  | 2.3  |
| 0.1  | 0.0  | 0.3  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.2  | 0.2  | 0.1  | 0.0  |
| 2.3  | 3.8  | 1.2  | 1.4  | 2.4  | 2.5  | 0.7  |
| 1.7  | 2.8  | 4.1  | 3.6  | 3.3  | 4.2  | 2.4  |
| 7.1  | 11.9 | 8.5  | 10.9 | 9.5  | 13.4 | 8.0  |
| 14.8 | 12.0 | 10.9 | 10.5 | 15.9 | 10.2 | 8.2  |
| 9.5  | 11.6 | 14.1 | 16.0 | 15.4 | 17.9 | 15.7 |
| 2.9  | 3.1  | 2.4  | 2.7  | 2.9  | 4.5  | 2.8  |
| 4.5  | 7.9  | 12.7 | 14.9 | 9.9  | 18.9 | 0.9  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 2.2  | 2.3  | 3.1  | 4.0  | 3.8  | 4.5  | 2.8  |
| 0.1  | 0.1  | 0.2  | 0.3  | 0.1  | 0.0  | 0.0  |
| 0.3  | 0.1  | 0.7  | 0.6  | 0.0  | 0.0  | 0.0  |
| 3.0  | 3.9  | 4.7  | 4.6  | 5.0  | 3.7  | 4.3  |
| 3.4  | 4.9  | 4.8  | 5.0  | 4.6  | 4.7  | 7.1  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.3  | 0.4  | 1.6  | 0.8  | 0.7  | 0.2  | 0.1  |
| 1.8  | 1.4  | 2.7  | 2.8  | 1.7  | 3.8  | 0.6  |
| 0.1  | 0.0  | 0.5  | 0.4  | 0.3  | 0.5  | 0.0  |
| 3.8  | 3.4  | 4.5  | 5.3  | 5.5  | 4.9  | 6.3  |
| 0.9  | 1.3  | 1.4  | 1.2  | 1.0  | 1.6  | 1.1  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.1  | 0.0  |
| 7.6  | 9.1  | 7.7  | 9.9  | 11.7 | 8.7  | 9.9  |
| 1.4  | 2.6  | 2.5  | 3.1  | 1.9  | 2.0  | 2.3  |
| 0.5  | 0.9  | 1.9  | 1.9  | 0.5  | 1.5  | 0.0  |
| 0.0  | 0.1  | 0.4  | 0.6  | 0.0  | 0.8  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 2.1  | 2.3  | 2.8  | 3.0  | 2.6  | 3.0  | 1.5  |
| 0.4  | 0.2  | 0.3  | 0.7  | 0.5  | 0.3  | 0.0  |
| 0.1  | 0.0  | 0.8  | 0.3  | 0.5  | 0.2  | 0.0  |
| 3.3  | 4.1  | 4.4  | 2.2  | 2.7  | 3.9  | 4.4  |
| 2.8  | 2.8  | 5.5  | 5.2  | 3.8  | 4.6  | 2.1  |
| 2.0  | 2.7  | 1.9  | 2.7  | 2.8  | 2.5  | 3.7  |
| 3.1  | 3.7  | 4.5  | 4.4  | 4.3  | 4.2  | 3.6  |
| 8.2  | 9.3  | 12.4 | 14.5 | 11.0 | 12.1 | 5.7  |
| 0.8  | 1.3  | 1.5  | 1.5  | 1.4  | 2.1  | 1.1  |
| 5.2  | 6.7  | 6.2  | 6.1  | 6.5  | 5.7  | 4.3  |
| 0.4  | 0.7  | 1.0  | 1.0  | 0.8  | 0.8  | 1.0  |
| 0.1  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.4  | 0.3  | 0.8  | 0.8  | 0.6  | 0.4  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 3.3  | 6.2  | 7.9  | 7.9  | 5.6  | 8.4  | 8.1  |
| 2.6  | 3.0  | 3.4  | 3.7  | 2.8  | 2.9  | 2.5  |
| 1.6  | 1.7  | 2.7  | 3.0  | 2.0  | 2.3  | 0.7  |
| 14.8 | 23.8 | 18.5 | 19.5 | 26.4 | 29.2 | 7.5  |
| 3.6  | 4.4  | 4.5  | 3.9  | 4.3  | 4.6  | 1.3  |
| 9.1  | 9.2  | 7.4  | 7.6  | 12.8 | 9.4  | 5.6  |
| 0.5  | 0.5  | 0.7  | 0.6  | 0.3  | 0.4  | 0.2  |
| 4.7  | 3.9  | 5.3  | 5.7  | 4.3  | 5.1  | 5.7  |
| 2.4  | 3.1  | 1.2  | 2.4  | 1.6  | 3.5  | 0.0  |
| 0.2  | 0.0  | 0.5  | 0.3  | 0.2  | 0.2  | 0.0  |
| 0.3  | 0.4  | 1.5  | 0.9  | 0.7  | 0.6  | 0.0  |
| 1.1  | 2.6  | 2.6  | 2.7  | 2.2  | 3.1  | 2.3  |
| 22.7 | 23.8 | 28.0 | 32.9 | 23.8 | 34.1 | 30.8 |
| 6.5  | 8.8  | 8.4  | 9.6  | 7.7  | 9.5  | 9.9  |
| 1.0  | 1.2  | 0.9  | 2.2  | 1.8  | 1.3  | 0.5  |

|      |      |       |       |      |       |       |
|------|------|-------|-------|------|-------|-------|
| 6.3  | 6.0  | 5.3   | 5.8   | 7.3  | 8.3   | 10.8  |
| 0.2  | 0.0  | 1.0   | 0.3   | 0.1  | 0.0   | 0.0   |
| 0.0  | 0.1  | 1.0   | 0.7   | 0.1  | 0.3   | 0.0   |
| 33.9 | 35.1 | 31.8  | 36.7  | 31.5 | 35.5  | 46.8  |
| 0.4  | 0.4  | 0.2   | 0.8   | 0.1  | 0.1   | 0.0   |
| 0.0  | 0.2  | 0.2   | 0.0   | 0.2  | 0.0   | 0.0   |
| 0.6  | 1.0  | 1.1   | 1.1   | 0.8  | 1.1   | 0.2   |
| 0.0  | 0.0  | 0.1   | 0.0   | 0.0  | 0.0   | 0.0   |
| 0.1  | 0.2  | 0.5   | 0.4   | 0.4  | 0.7   | 0.0   |
| 0.0  | 0.7  | 2.7   | 1.0   | 0.6  | 0.2   | 0.0   |
| 9.7  | 20.2 | 11.0  | 11.7  | 11.8 | 17.0  | 13.7  |
| 1.9  | 3.3  | 5.1   | 7.6   | 4.3  | 5.6   | 1.0   |
| 25.0 | 33.6 | 37.1  | 40.7  | 36.4 | 27.5  | 27.0  |
| 0.1  | 0.1  | 0.2   | 0.4   | 0.0  | 0.1   | 0.0   |
| 0.7  | 0.5  | 0.5   | 0.7   | 0.5  | 1.3   | 0.0   |
| 0.0  | 0.0  | 0.1   | 0.0   | 0.0  | 0.0   | 0.0   |
| 1.8  | 2.5  | 3.0   | 2.9   | 2.8  | 3.2   | 3.2   |
| 1.3  | 1.6  | 1.6   | 1.6   | 2.3  | 1.7   | 2.0   |
| 0.0  | 0.0  | 0.2   | 0.1   | 0.0  | 0.0   | 0.0   |
| 0.0  | 0.0  | 0.4   | 0.3   | 0.2  | 0.1   | 0.0   |
| 0.0  | 0.0  | 0.3   | 0.0   | 0.0  | 0.1   | 0.0   |
| 38.2 | 28.1 | 37.7  | 43.2  | 38.4 | 38.4  | 63.0  |
| 8.2  | 8.2  | 2.3   | 1.8   | 6.6  | 13.4  | 5.5   |
| 0.3  | 0.2  | 0.5   | 0.5   | 0.2  | 0.6   | 0.0   |
| 39.5 | 58.4 | 36.3  | 36.1  | 36.8 | 46.0  | 61.1  |
| 19.6 | 23.2 | 18.5  | 17.9  | 31.3 | 25.3  | 11.7  |
| 1.1  | 1.5  | 1.9   | 1.6   | 2.4  | 2.3   | 0.8   |
| 16.5 | 16.6 | 22.9  | 26.3  | 21.9 | 20.9  | 29.3  |
| 5.4  | 6.1  | 5.3   | 5.4   | 5.9  | 6.8   | 6.2   |
| 6.6  | 7.4  | 7.8   | 6.4   | 9.8  | 9.3   | 4.9   |
| 0.0  | 0.0  | 0.1   | 0.0   | 0.0  | 0.1   | 0.0   |
| 84.9 | 96.7 | 105.2 | 105.7 | 96.7 | 118.9 | 121.2 |
| 0.0  | 0.0  | 1.1   | 0.5   | 0.2  | 0.3   | 0.1   |
| 6.9  | 9.0  | 7.4   | 7.1   | 11.1 | 11.6  | 5.4   |
| 41.8 | 48.7 | 43.3  | 50.8  | 42.2 | 55.4  | 52.0  |
| 3.8  | 2.5  | 3.0   | 2.6   | 4.3  | 4.5   | 3.5   |
| 0.0  | 0.0  | 0.0   | 0.2   | 0.0  | 0.2   | 0.0   |
| 1.4  | 1.2  | 1.4   | 1.8   | 1.8  | 1.9   | 2.0   |
| 4.5  | 6.6  | 5.6   | 6.3   | 6.8  | 5.6   | 3.9   |
| 2.4  | 3.0  | 3.2   | 4.2   | 3.5  | 3.5   | 5.1   |
| 0.0  | 0.0  | 0.1   | 0.1   | 0.0  | 0.0   | 0.0   |
| 0.2  | 0.0  | 0.0   | 0.0   | 0.0  | 0.0   | 0.0   |
| 32.7 | 47.8 | 42.4  | 42.0  | 51.4 | 53.5  | 34.0  |
| 5.1  | 6.2  | 5.7   | 6.8   | 7.7  | 7.2   | 6.5   |
| 7.6  | 7.7  | 5.7   | 6.5   | 12.6 | 12.4  | 1.2   |
| 21.3 | 27.7 | 24.1  | 29.4  | 27.3 | 31.4  | 47.5  |
| 14.2 | 16.1 | 18.2  | 22.1  | 19.5 | 16.8  | 17.8  |

|       |       |      |      |      |       |       |
|-------|-------|------|------|------|-------|-------|
| 1.0   | 1.8   | 1.6  | 0.7  | 1.3  | 1.5   | 1.5   |
| 2.1   | 3.3   | 6.2  | 5.6  | 7.6  | 4.6   | 1.8   |
| 2.8   | 2.8   | 4.9  | 6.6  | 5.2  | 3.8   | 5.0   |
| 0.0   | 0.1   | 0.7  | 0.2  | 0.2  | 0.3   | 0.0   |
| 2.5   | 2.4   | 2.8  | 4.1  | 4.0  | 3.0   | 3.4   |
| 0.0   | 0.0   | 0.2  | 0.1  | 0.1  | 0.1   | 0.0   |
| 27.2  | 30.3  | 31.0 | 38.1 | 27.0 | 31.6  | 39.5  |
| 2.1   | 2.5   | 2.2  | 1.9  | 3.8  | 3.3   | 0.5   |
| 131.4 | 147.3 | 99.1 | 93.3 | 93.2 | 150.0 | 171.0 |
| 0.6   | 0.4   | 0.6  | 0.7  | 1.0  | 0.8   | 0.5   |
| 0.0   | 0.0   | 0.1  | 0.1  | 0.0  | 0.0   | 0.0   |
| 9.1   | 7.4   | 11.0 | 16.6 | 13.6 | 12.4  | 17.9  |
| 0.3   | 0.1   | 0.7  | 0.6  | 0.2  | 0.4   | 0.1   |
| 3.8   | 3.4   | 3.9  | 3.8  | 3.4  | 4.2   | 3.9   |
| 11.0  | 9.2   | 13.8 | 16.7 | 10.8 | 12.2  | 19.4  |
| 8.0   | 8.6   | 4.3  | 4.3  | 7.8  | 10.8  | 5.4   |
| 0.9   | 2.5   | 4.9  | 5.2  | 2.4  | 3.6   | 0.1   |
| 0.3   | 0.6   | 1.3  | 1.4  | 0.5  | 1.3   | 0.3   |
| 5.8   | 5.9   | 4.5  | 6.8  | 3.0  | 5.9   | 4.6   |
| 28.0  | 50.7  | 67.7 | 77.2 | 63.3 | 107.9 | 8.6   |
| 4.2   | 6.0   | 6.7  | 9.6  | 5.2  | 7.2   | 4.7   |
| 74.6  | 30.3  | 18.4 | 15.0 | 24.5 | 50.8  | 0.0   |
| 3.7   | 0.0   | 1.4  | 0.0  | 0.0  | 5.0   | 0.0   |
| 8.1   | 11.7  | 8.9  | 7.5  | 11.0 | 9.0   | 9.7   |
| 0.1   | 0.2   | 0.3  | 0.3  | 0.1  | 0.2   | 0.2   |
| 0.2   | 0.2   | 0.4  | 0.3  | 0.1  | 0.5   | 0.0   |
| 15.5  | 22.8  | 16.7 | 17.4 | 18.0 | 28.1  | 22.6  |
| 0.8   | 0.8   | 0.3  | 0.5  | 1.1  | 1.5   | 0.2   |
| 3.0   | 3.6   | 4.1  | 4.4  | 2.6  | 2.5   | 2.3   |
| 0.0   | 0.1   | 0.0  | 0.1  | 0.1  | 0.1   | 0.0   |
| 12.4  | 17.0  | 17.7 | 18.8 | 19.3 | 17.1  | 8.4   |
| 0.1   | 0.0   | 0.1  | 0.1  | 0.1  | 0.1   | 0.0   |
| 0.0   | 0.2   | 0.5  | 0.3  | 0.2  | 0.8   | 0.0   |
| 2.2   | 4.4   | 3.1  | 3.2  | 5.3  | 4.7   | 2.3   |
| 4.3   | 4.2   | 5.1  | 6.6  | 5.7  | 4.1   | 6.1   |
| 3.2   | 3.8   | 2.8  | 3.4  | 4.5  | 1.7   | 0.7   |
| 0.0   | 0.0   | 0.4  | 0.2  | 0.1  | 0.0   | 0.0   |
| 12.9  | 14.7  | 13.6 | 12.8 | 18.9 | 15.6  | 10.7  |
| 7.6   | 9.5   | 7.8  | 8.6  | 9.1  | 12.1  | 9.9   |
| 5.8   | 5.4   | 7.0  | 7.3  | 6.4  | 7.2   | 12.1  |
| 0.0   | 0.0   | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.2  | 0.2  | 0.1  | 0.1   | 0.0   |
| 0.9   | 1.3   | 1.6  | 1.5  | 1.2  | 1.6   | 0.8   |
| 3.6   | 3.2   | 3.5  | 5.7  | 3.8  | 4.2   | 5.8   |
| 4.1   | 5.1   | 3.0  | 3.6  | 5.4  | 7.2   | 4.3   |
| 0.2   | 0.0   | 0.0  | 0.2  | 0.4  | 0.7   | 0.0   |
| 0.0   | 0.1   | 0.5  | 0.3  | 0.3  | 0.2   | 0.0   |



|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 4.5  | 5.6  | 8.3  | 7.6  | 7.5  | 6.5  | 4.3  |
| 3.4  | 4.0  | 3.9  | 4.5  | 4.5  | 4.9  | 4.3  |
| 0.1  | 0.1  | 0.1  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.6  | 0.4  | 0.1  | 0.5  | 0.0  |
| 0.0  | 0.2  | 0.4  | 0.2  | 0.0  | 0.1  | 0.3  |
| 4.0  | 4.4  | 6.9  | 7.2  | 6.3  | 5.8  | 7.3  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3.3  | 6.0  | 7.5  | 7.9  | 6.9  | 6.9  | 9.5  |
| 0.2  | 0.3  | 0.8  | 1.5  | 1.1  | 0.5  | 0.0  |
| 0.2  | 0.5  | 0.4  | 0.7  | 0.3  | 0.2  | 0.0  |
| 2.5  | 3.9  | 3.7  | 3.4  | 4.7  | 4.5  | 1.2  |
| 4.5  | 5.1  | 4.8  | 4.7  | 7.3  | 5.6  | 3.6  |
| 0.6  | 1.5  | 1.7  | 0.8  | 1.9  | 1.9  | 0.2  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.3  | 0.0  |
| 0.5  | 0.5  | 0.9  | 1.1  | 0.5  | 1.2  | 0.3  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 1.2  | 2.6  | 2.5  | 2.9  | 3.1  | 3.3  | 3.5  |
| 13.5 | 17.5 | 14.3 | 15.5 | 14.9 | 15.1 | 24.0 |
| 2.3  | 3.3  | 4.2  | 5.4  | 2.9  | 2.6  | 2.3  |
| 0.1  | 0.0  | 0.3  | 0.1  | 0.0  | 0.2  | 0.0  |
| 0.7  | 1.2  | 1.2  | 1.0  | 1.1  | 1.4  | 0.8  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.0  | 0.2  | 0.3  | 0.2  | 0.5  | 0.0  |
| 2.9  | 2.3  | 0.7  | 1.1  | 2.0  | 3.0  | 1.1  |
| 0.3  | 0.2  | 0.3  | 0.2  | 0.0  | 0.3  | 0.0  |
| 4.7  | 6.0  | 7.2  | 8.7  | 8.3  | 7.3  | 10.9 |
| 3.2  | 4.1  | 3.6  | 3.5  | 6.1  | 3.9  | 3.7  |
| 0.1  | 0.4  | 1.9  | 1.7  | 1.0  | 1.1  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.5  | 0.2  | 0.1  | 0.0  | 0.0  |
| 5.4  | 6.5  | 8.1  | 7.4  | 8.2  | 8.1  | 2.3  |
| 2.1  | 2.4  | 1.3  | 1.2  | 2.8  | 2.0  | 0.5  |
| 0.4  | 0.7  | 0.6  | 0.8  | 0.9  | 0.6  | 0.1  |
| 5.7  | 6.4  | 5.9  | 5.4  | 8.3  | 5.3  | 5.1  |
| 12.7 | 15.2 | 8.3  | 10.2 | 15.2 | 13.1 | 3.4  |
| 0.0  | 0.1  | 0.2  | 0.4  | 0.1  | 0.2  | 0.0  |
| 5.6  | 6.7  | 8.2  | 8.5  | 6.3  | 6.8  | 5.9  |
| 3.3  | 2.6  | 2.8  | 3.5  | 3.6  | 4.2  | 5.1  |
| 0.0  | 0.2  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.1  | 0.0  | 0.0  | 0.3  | 0.0  |
| 2.3  | 2.1  | 1.6  | 2.6  | 1.6  | 2.4  | 5.9  |
| 4.9  | 7.2  | 8.5  | 8.3  | 8.2  | 8.9  | 7.1  |
| 9.0  | 9.5  | 8.6  | 8.7  | 14.0 | 10.6 | 5.6  |
| 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.8   | 1.5   | 2.0   | 1.3   | 1.8   | 1.4   | 0.0   |
| 0.3   | 0.2   | 0.5   | 0.4   | 0.0   | 0.6   | 0.0   |
| 0.3   | 0.0   | 0.9   | 0.5   | 0.0   | 0.0   | 0.0   |
| 3.1   | 3.8   | 4.6   | 4.3   | 6.1   | 2.7   | 2.4   |
| 4.5   | 5.1   | 5.2   | 4.9   | 6.4   | 5.9   | 2.9   |
| 8.8   | 10.5  | 6.3   | 6.6   | 10.4  | 11.5  | 10.2  |
| 0.1   | 0.3   | 0.1   | 0.7   | 0.0   | 0.0   | 0.0   |
| 70.5  | 79.8  | 68.9  | 76.8  | 76.1  | 76.8  | 83.8  |
| 0.5   | 0.6   | 0.8   | 0.8   | 0.9   | 1.1   | 0.7   |
| 0.0   | 0.1   | 0.3   | 0.2   | 0.1   | 0.1   | 0.0   |
| 17.8  | 33.0  | 28.7  | 28.6  | 30.0  | 26.6  | 18.4  |
| 16.2  | 21.8  | 16.6  | 19.4  | 25.4  | 23.9  | 12.3  |
| 26.0  | 21.9  | 16.2  | 20.3  | 24.7  | 14.4  | 22.3  |
| 1.2   | 2.3   | 1.0   | 1.3   | 0.9   | 1.5   | 4.7   |
| 1.7   | 1.8   | 2.7   | 1.9   | 2.1   | 1.8   | 1.5   |
| 1.7   | 1.7   | 3.2   | 2.6   | 2.6   | 2.5   | 1.1   |
| 15.8  | 19.3  | 21.3  | 23.6  | 19.2  | 17.8  | 17.0  |
| 3.0   | 4.2   | 4.3   | 4.6   | 5.9   | 5.1   | 2.4   |
| 0.1   | 0.2   | 0.5   | 0.2   | 0.2   | 0.0   | 0.0   |
| 0.1   | 0.1   | 0.4   | 0.4   | 0.1   | 0.1   | 0.0   |
| 3.2   | 3.5   | 3.4   | 3.3   | 4.9   | 4.6   | 1.4   |
| 2.3   | 2.7   | 3.4   | 3.9   | 2.7   | 3.6   | 3.7   |
| 0.1   | 0.3   | 0.9   | 0.5   | 0.7   | 0.2   | 0.5   |
| 0.0   | 0.2   | 0.4   | 0.1   | 0.1   | 0.3   | 0.0   |
| 1.6   | 1.9   | 2.4   | 2.4   | 2.1   | 3.2   | 2.1   |
| 0.1   | 0.0   | 0.9   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.4   | 0.4   | 0.0   | 0.0   | 0.0   |
| 2.3   | 2.2   | 1.7   | 1.8   | 2.7   | 3.0   | 1.7   |
| 0.1   | 0.1   | 0.3   | 0.5   | 0.1   | 0.2   | 0.0   |
| 387.1 | 382.2 | 422.4 | 402.9 | 476.6 | 398.3 | 423.8 |
| 0.1   | 0.3   | 1.3   | 0.4   | 0.6   | 0.4   | 0.0   |
| 0.0   | 0.0   | 0.4   | 0.5   | 0.2   | 0.0   | 0.0   |
| 0.0   | 0.2   | 0.2   | 0.2   | 0.2   | 0.7   | 0.0   |
| 11.6  | 11.1  | 14.7  | 13.6  | 16.0  | 16.2  | 15.5  |
| 0.3   | 0.3   | 1.2   | 1.1   | 0.7   | 1.1   | 0.0   |
| 5.8   | 5.1   | 3.9   | 4.5   | 7.0   | 5.6   | 2.2   |
| 0.2   | 0.1   | 0.1   | 0.0   | 0.1   | 0.5   | 0.1   |
| 19.3  | 22.1  | 22.9  | 21.4  | 28.0  | 21.6  | 18.4  |
| 0.0   | 0.0   | 0.1   | 0.4   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 3.0   | 5.1   | 5.4   | 5.7   | 4.5   | 4.8   | 2.8   |
| 6.2   | 7.2   | 9.2   | 8.2   | 7.7   | 7.6   | 8.3   |
| 0.7   | 0.8   | 1.1   | 1.1   | 1.1   | 1.1   | 0.8   |
| 91.5  | 81.1  | 65.8  | 72.7  | 115.6 | 104.6 | 122.9 |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.1   | 0.2   | 0.0   | 0.0   | 0.0   |
| 4.0   | 5.1   | 3.8   | 4.1   | 5.7   | 5.4   | 1.3   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 2.6  | 3.5  | 3.9  | 4.0  | 4.2  | 3.1  | 1.6  |
| 34.0 | 44.6 | 36.3 | 39.1 | 44.0 | 45.2 | 45.0 |
| 0.1  | 0.1  | 0.7  | 0.2  | 0.0  | 0.3  | 0.0  |
| 3.2  | 2.7  | 3.4  | 4.2  | 3.1  | 3.7  | 9.2  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 4.6  | 3.7  | 6.8  | 9.0  | 6.8  | 5.0  | 5.8  |
| 9.7  | 13.0 | 12.1 | 13.0 | 12.6 | 16.2 | 13.4 |
| 22.4 | 30.1 | 32.9 | 39.2 | 45.8 | 37.9 | 41.0 |
| 0.4  | 0.9  | 1.1  | 1.5  | 1.5  | 0.9  | 1.5  |
| 8.5  | 6.3  | 6.4  | 5.6  | 8.2  | 7.2  | 8.7  |
| 0.1  | 0.1  | 0.5  | 0.2  | 0.2  | 0.0  | 0.0  |
| 0.3  | 0.4  | 0.3  | 0.4  | 0.6  | 0.6  | 0.0  |
| 12.6 | 18.6 | 23.1 | 20.4 | 23.9 | 21.4 | 13.9 |
| 0.1  | 0.2  | 0.4  | 0.7  | 0.2  | 0.5  | 0.0  |
| 4.4  | 2.9  | 3.8  | 3.5  | 4.1  | 3.4  | 3.9  |
| 0.1  | 0.0  | 0.4  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.3  | 0.0  | 0.2  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 3.3  | 7.1  | 4.5  | 5.7  | 7.4  | 8.6  | 5.3  |
| 69.3 | 68.7 | 56.4 | 63.6 | 78.3 | 70.7 | 79.7 |
| 4.3  | 4.4  | 6.4  | 6.3  | 4.8  | 4.9  | 4.4  |
| 19.5 | 24.9 | 20.2 | 24.5 | 23.4 | 20.2 | 26.9 |
| 4.6  | 4.9  | 4.3  | 6.9  | 5.3  | 6.1  | 6.7  |
| 0.1  | 0.1  | 0.7  | 0.7  | 0.2  | 0.4  | 0.0  |
| 16.3 | 13.8 | 16.2 | 14.4 | 16.5 | 15.5 | 10.8 |
| 0.8  | 2.4  | 4.5  | 4.9  | 2.1  | 4.0  | 0.7  |
| 2.3  | 2.3  | 2.3  | 2.7  | 3.0  | 1.9  | 3.2  |
| 0.1  | 0.1  | 0.3  | 0.2  | 0.1  | 0.6  | 0.0  |
| 0.5  | 1.3  | 3.4  | 2.7  | 1.1  | 1.8  | 0.0  |
| 0.7  | 1.4  | 0.9  | 1.3  | 1.5  | 2.0  | 0.3  |
| 0.1  | 0.1  | 0.6  | 0.7  | 0.2  | 0.7  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 2.9  | 0.0  | 0.0  | 3.3  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 2.6  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 3.0   | 0.0   | 0.0   | 0.0   | 0.0   | 2.7   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 3.0   | 0.0   | 4.5   | 0.0   | 0.0   | 8.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.1   | 0.2   | 0.3   | 0.2   | 0.0   |
| 1.5   | 1.6   | 1.0   | 1.3   | 1.9   | 2.7   | 1.8   |
| 0.1   | 0.1   | 0.3   | 0.2   | 0.1   | 0.1   | 0.0   |
| 11.1  | 17.7  | 16.3  | 24.5  | 16.5  | 17.3  | 13.8  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.6   | 2.1   | 2.3   | 2.3   | 2.5   | 1.8   | 1.5   |
| 20.6  | 20.7  | 16.4  | 18.9  | 24.7  | 28.2  | 12.5  |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 18.7  | 18.8  | 13.4  | 14.7  | 22.4  | 21.9  | 17.0  |
| 0.1   | 0.2   | 0.3   | 0.5   | 0.4   | 0.4   | 0.5   |
| 32.9  | 63.1  | 75.3  | 72.0  | 65.1  | 66.1  | 88.9  |
| 3.9   | 6.2   | 6.5   | 6.5   | 5.9   | 7.1   | 6.2   |
| 16.8  | 19.3  | 14.1  | 13.8  | 16.8  | 22.5  | 17.3  |
| 59.7  | 71.0  | 76.0  | 75.3  | 76.8  | 69.0  | 72.0  |
| 3.2   | 3.7   | 4.0   | 4.9   | 2.7   | 2.4   | 5.2   |
| 0.2   | 0.1   | 0.2   | 0.4   | 0.2   | 0.2   | 0.3   |
| 1.8   | 1.3   | 1.6   | 0.8   | 1.8   | 0.2   | 0.0   |
| 0.4   | 0.5   | 0.7   | 0.8   | 0.5   | 0.5   | 0.3   |
| 13.8  | 21.7  | 18.5  | 22.8  | 19.3  | 17.0  | 16.2  |
| 0.0   | 0.1   | 0.2   | 0.3   | 0.0   | 0.3   | 0.0   |
| 11.2  | 15.4  | 13.9  | 16.2  | 13.6  | 14.1  | 24.3  |
| 5.3   | 5.5   | 4.0   | 3.7   | 8.3   | 8.8   | 3.6   |
| 153.0 | 122.5 | 121.5 | 123.5 | 131.2 | 137.7 | 165.3 |
| 2.4   | 3.2   | 3.0   | 2.6   | 2.8   | 2.5   | 1.4   |
| 89.5  | 94.2  | 86.0  | 98.6  | 98.7  | 98.9  | 147.5 |
| 0.7   | 0.4   | 1.3   | 1.2   | 0.6   | 1.0   | 0.8   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 2.6   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

|       |       |       |       |       |       |      |
|-------|-------|-------|-------|-------|-------|------|
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 0.3   | 0.1   | 0.3   | 0.6   | 0.1   | 0.5   | 0.0  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 0.0   | 0.0   | 0.2   | 0.5   | 0.0   | 0.0   | 0.0  |
| 0.0   | 0.1   | 0.4   | 0.3   | 0.3   | 0.0   | 0.0  |
| 0.4   | 0.2   | 0.1   | 0.5   | 0.2   | 0.5   | 0.0  |
| 0.4   | 0.6   | 2.9   | 1.3   | 0.4   | 0.8   | 0.0  |
| 0.9   | 0.9   | 1.4   | 0.9   | 0.1   | 0.8   | 0.0  |
| 0.1   | 0.0   | 0.3   | 0.1   | 0.0   | 0.3   | 0.0  |
| 2.6   | 2.5   | 3.0   | 2.6   | 4.5   | 3.2   | 1.1  |
| 2.9   | 5.3   | 7.4   | 7.2   | 4.8   | 6.4   | 2.1  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 0.0   | 0.1   | 0.2   | 0.2   | 0.1   | 0.1   | 0.0  |
| 0.3   | 0.3   | 1.4   | 0.7   | 0.6   | 0.5   | 0.0  |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.2   | 0.0   | 0.0  |
| 6.8   | 8.1   | 7.7   | 7.3   | 6.8   | 6.1   | 8.8  |
| 1.3   | 2.4   | 4.2   | 4.0   | 2.5   | 3.4   | 0.9  |
| 0.5   | 0.8   | 1.0   | 1.5   | 0.5   | 1.3   | 1.1  |
| 12.5  | 15.9  | 10.8  | 14.8  | 12.7  | 13.3  | 23.6 |
| 2.0   | 2.7   | 2.8   | 2.3   | 3.2   | 3.2   | 0.6  |
| 13.5  | 18.1  | 16.5  | 19.3  | 14.1  | 18.0  | 19.3 |
| 9.0   | 12.1  | 12.2  | 9.4   | 11.3  | 14.1  | 6.3  |
| 65.0  | 68.9  | 56.5  | 56.4  | 87.5  | 81.6  | 35.3 |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.3   | 0.0  |
| 0.0   | 0.1   | 0.2   | 0.4   | 0.1   | 0.3   | 0.1  |
| 0.1   | 0.1   | 0.8   | 0.6   | 0.1   | 0.9   | 0.0  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.0  |
| 10.6  | 10.6  | 12.1  | 15.3  | 12.5  | 10.8  | 10.2 |
| 0.0   | 0.0   | 0.1   | 0.3   | 0.0   | 0.2   | 0.0  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.2   | 0.3  |
| 6.9   | 9.7   | 8.0   | 8.3   | 11.0  | 10.9  | 4.1  |
| 4.2   | 4.6   | 5.5   | 6.8   | 5.3   | 4.1   | 3.6  |
| 4.1   | 5.7   | 7.6   | 5.9   | 7.4   | 7.2   | 1.8  |
| 2.7   | 3.6   | 4.4   | 3.9   | 3.8   | 2.9   | 2.4  |
| 17.4  | 20.3  | 22.7  | 29.8  | 23.9  | 24.5  | 27.3 |
| 6.0   | 6.9   | 8.9   | 11.1  | 9.0   | 3.9   | 4.6  |
| 11.9  | 13.4  | 14.7  | 11.6  | 16.5  | 16.3  | 8.8  |
| 0.1   | 0.1   | 0.2   | 0.2   | 0.2   | 0.1   | 0.0  |
| 100.6 | 144.6 | 105.3 | 119.7 | 115.5 | 105.5 | 98.8 |
| 17.0  | 17.7  | 15.7  | 18.2  | 19.4  | 18.2  | 14.6 |
| 2.6   | 4.4   | 3.4   | 3.5   | 4.6   | 3.3   | 2.8  |
| 3.1   | 4.3   | 5.7   | 3.6   | 5.3   | 5.6   | 2.5  |
| 12.1  | 12.1  | 14.0  | 11.9  | 12.7  | 13.9  | 8.0  |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.3   | 0.1   | 0.0  |
| 0.1   | 0.0   | 0.2   | 0.0   | 0.1   | 0.0   | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 16.1 | 20.3 | 17.7 | 20.6 | 22.2 | 19.9 | 18.7 |
| 0.1  | 0.2  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.3  | 0.0  | 0.0  | 0.0  |
| 4.6  | 5.2  | 4.2  | 2.8  | 4.7  | 3.5  | 1.3  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 4.9  | 6.0  | 3.6  | 3.4  | 7.3  | 7.1  | 2.4  |
| 0.1  | 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.8  | 0.6  | 0.0  | 1.3  | 0.0  |
| 7.0  | 7.0  | 7.1  | 8.2  | 5.5  | 8.1  | 7.5  |
| 3.0  | 4.2  | 2.4  | 1.8  | 2.5  | 4.4  | 2.6  |
| 0.1  | 0.0  | 0.6  | 0.4  | 0.5  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.2  | 0.0  | 0.0  |
| 0.3  | 0.9  | 1.9  | 1.4  | 0.8  | 1.5  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.2  | 0.4  | 0.0  | 0.0  |
| 0.2  | 0.2  | 0.3  | 0.4  | 0.2  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.1  | 0.0  | 0.0  |
| 1.4  | 1.6  | 1.8  | 1.4  | 3.0  | 1.7  | 0.6  |
| 4.0  | 4.5  | 4.9  | 5.8  | 5.5  | 5.5  | 1.0  |
| 13.2 | 18.0 | 19.0 | 22.0 | 19.4 | 18.1 | 9.8  |
| 7.4  | 6.6  | 4.5  | 4.6  | 8.5  | 8.5  | 2.3  |
| 4.7  | 4.8  | 8.7  | 8.0  | 8.8  | 6.5  | 4.6  |
| 13.7 | 16.9 | 17.5 | 20.3 | 16.4 | 16.1 | 32.8 |
| 0.1  | 0.1  | 0.2  | 0.3  | 0.1  | 0.4  | 0.1  |
| 19.1 | 20.1 | 20.8 | 25.8 | 28.8 | 24.1 | 35.0 |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.2  | 0.0  | 0.0  |
| 3.5  | 4.2  | 3.9  | 5.0  | 4.0  | 5.1  | 6.5  |
| 0.0  | 0.0  | 0.3  | 0.4  | 0.2  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.2  | 0.4  | 0.5  | 0.3  | 0.4  | 0.4  | 0.4  |
| 0.0  | 0.0  | 0.1  | 0.8  | 0.2  | 0.3  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.2  |
| 2.3  | 2.8  | 2.4  | 2.3  | 2.8  | 3.3  | 1.3  |
| 3.3  | 3.0  | 4.7  | 4.2  | 5.0  | 2.6  | 3.0  |
| 2.3  | 5.6  | 5.3  | 6.2  | 5.8  | 3.9  | 2.4  |
| 1.7  | 2.8  | 3.7  | 4.1  | 3.0  | 4.9  | 4.4  |
| 0.6  | 0.7  | 0.8  | 1.0  | 1.0  | 1.2  | 0.3  |
| 0.0  | 0.2  | 0.7  | 0.1  | 0.0  | 0.5  | 0.0  |
| 3.3  | 5.1  | 4.4  | 3.9  | 5.7  | 6.1  | 2.0  |
| 6.4  | 10.7 | 9.5  | 12.3 | 12.2 | 10.7 | 13.0 |
| 4.6  | 6.1  | 4.6  | 5.2  | 8.2  | 8.8  | 4.4  |
| 60.6 | 57.3 | 71.3 | 82.9 | 66.7 | 56.0 | 87.2 |
| 7.4  | 9.8  | 14.8 | 13.2 | 11.1 | 11.2 | 14.2 |
| 1.7  | 1.9  | 2.2  | 2.3  | 3.3  | 2.1  | 1.6  |
| 0.3  | 0.1  | 0.9  | 0.4  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 10.9 | 11.7 | 15.6 | 15.6 | 13.0 | 11.7 | 6.8  |
| 9.3  | 13.3 | 11.1 | 11.7 | 11.8 | 7.7  | 14.9 |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 1.6  | 2.1  | 2.5  | 2.2  | 2.0  | 2.6  | 1.8  |
| 8.2  | 9.6  | 7.9  | 8.8  | 9.4  | 6.8  | 6.4  |
| 0.1  | 0.0  | 0.1  | 0.4  | 0.0  | 0.1  | 0.0  |
| 0.5  | 0.8  | 0.9  | 0.9  | 0.9  | 0.9  | 0.4  |
| 7.0  | 6.8  | 7.1  | 7.9  | 8.4  | 10.0 | 8.8  |
| 3.1  | 3.8  | 2.1  | 2.8  | 3.7  | 4.6  | 1.0  |
| 17.4 | 31.9 | 28.3 | 29.8 | 26.9 | 28.5 | 15.8 |
| 0.1  | 0.0  | 0.2  | 0.1  | 0.1  | 0.5  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.2  | 1.2  | 0.2  | 0.6  | 0.3  | 0.0  |
| 0.2  | 0.3  | 0.8  | 0.2  | 0.4  | 0.1  | 0.0  |
| 0.1  | 0.4  | 0.1  | 0.4  | 0.3  | 0.5  | 0.0  |
| 14.6 | 12.5 | 14.7 | 18.3 | 14.8 | 13.8 | 17.2 |
| 1.2  | 1.5  | 1.1  | 1.2  | 1.8  | 1.1  | 0.8  |
| 0.1  | 0.0  | 0.5  | 0.5  | 0.2  | 0.4  | 0.0  |
| 4.8  | 6.4  | 5.3  | 6.1  | 7.8  | 8.1  | 3.0  |
| 0.1  | 0.1  | 0.7  | 0.5  | 0.2  | 0.3  | 0.0  |
| 1.8  | 1.9  | 2.4  | 2.1  | 3.4  | 2.2  | 1.3  |
| 0.1  | 0.3  | 0.0  | 0.4  | 0.2  | 0.3  | 1.9  |
| 0.1  | 0.3  | 0.5  | 0.4  | 0.4  | 0.3  | 0.1  |
| 0.3  | 0.3  | 0.2  | 0.2  | 0.4  | 0.4  | 0.2  |
| 0.0  | 0.0  | 0.2  | 0.6  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.4  | 0.4  | 0.0  | 0.0  | 0.0  |
| 1.2  | 0.7  | 1.5  | 2.3  | 1.4  | 2.4  | 0.7  |
| 7.1  | 7.8  | 5.6  | 7.3  | 10.3 | 10.4 | 2.7  |
| 0.1  | 0.0  | 0.4  | 0.2  | 0.0  | 0.0  | 0.0  |
| 18.6 | 24.6 | 15.5 | 17.8 | 21.4 | 19.9 | 14.6 |
| 0.8  | 0.5  | 1.6  | 0.2  | 1.7  | 1.6  | 0.3  |
| 1.7  | 1.4  | 1.4  | 1.7  | 1.0  | 2.3  | 1.8  |
| 0.6  | 0.5  | 0.6  | 1.6  | 1.3  | 1.9  | 0.0  |
| 1.5  | 2.0  | 2.8  | 2.6  | 2.5  | 2.3  | 2.3  |
| 4.2  | 7.0  | 5.6  | 6.5  | 8.1  | 6.2  | 3.8  |
| 0.1  | 0.0  | 0.0  | 0.0  | 0.1  | 0.2  | 0.0  |
| 0.8  | 1.2  | 2.2  | 1.8  | 1.6  | 1.2  | 1.1  |
| 15.2 | 12.7 | 12.0 | 17.3 | 12.6 | 15.7 | 12.8 |
| 0.0  | 0.2  | 0.2  | 0.2  | 0.1  | 0.0  | 0.0  |
| 5.1  | 7.7  | 7.7  | 8.5  | 6.2  | 6.0  | 5.5  |
| 10.4 | 12.2 | 10.4 | 12.7 | 10.2 | 11.8 | 10.4 |
| 1.7  | 2.3  | 1.5  | 1.5  | 3.6  | 2.4  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.3  | 0.0  | 0.1  | 0.0  |
| 0.8  | 0.5  | 1.5  | 1.3  | 0.9  | 1.0  | 3.2  |
| 1.6  | 3.0  | 5.3  | 4.9  | 2.3  | 4.5  | 0.5  |
| 7.5  | 7.3  | 8.4  | 8.7  | 7.9  | 10.6 | 12.0 |
| 3.0  | 4.2  | 4.8  | 3.9  | 4.1  | 3.8  | 2.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 1.4  | 1.2  | 1.4  | 1.6  | 1.6  | 1.5  | 1.2  |
| 1.8  | 2.0  | 2.2  | 2.0  | 1.9  | 2.4  | 1.2  |

|      |      |      |      |      |      |       |
|------|------|------|------|------|------|-------|
| 60.1 | 71.8 | 75.4 | 85.5 | 77.6 | 88.4 | 149.4 |
| 2.6  | 3.2  | 4.5  | 4.3  | 5.0  | 4.7  | 6.3   |
| 4.4  | 5.7  | 6.6  | 6.8  | 7.7  | 6.5  | 1.1   |
| 8.6  | 16.1 | 7.4  | 8.7  | 8.7  | 13.3 | 14.2  |
| 1.1  | 1.0  | 1.2  | 0.8  | 1.6  | 1.1  | 0.0   |
| 3.5  | 4.7  | 3.8  | 3.6  | 7.2  | 5.0  | 1.6   |
| 0.4  | 1.3  | 1.9  | 1.9  | 0.8  | 2.0  | 0.3   |
| 11.2 | 12.0 | 10.0 | 9.3  | 11.3 | 16.1 | 15.3  |
| 0.7  | 1.2  | 1.1  | 1.8  | 0.7  | 1.9  | 2.0   |
| 0.0  | 0.0  | 0.6  | 0.2  | 0.2  | 0.3  | 0.1   |
| 4.1  | 4.6  | 5.5  | 6.0  | 4.1  | 5.8  | 6.0   |
| 54.3 | 71.7 | 63.8 | 71.6 | 71.3 | 97.7 | 73.0  |
| 3.0  | 2.9  | 3.1  | 4.2  | 3.7  | 3.6  | 5.5   |
| 3.4  | 4.1  | 1.2  | 1.6  | 4.1  | 4.5  | 1.7   |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0   |
| 18.4 | 29.8 | 23.5 | 25.1 | 20.9 | 23.2 | 13.6  |
| 0.2  | 0.0  | 0.2  | 0.7  | 0.3  | 0.4  | 0.0   |
| 0.1  | 0.1  | 0.0  | 0.0  | 0.0  | 0.9  | 0.0   |
| 11.1 | 11.7 | 9.8  | 9.4  | 9.9  | 13.3 | 12.5  |
| 5.3  | 5.0  | 7.8  | 6.4  | 4.5  | 5.9  | 10.3  |
| 0.1  | 0.1  | 0.8  | 0.2  | 0.5  | 0.0  | 0.0   |
| 0.5  | 0.5  | 0.7  | 1.0  | 0.6  | 1.1  | 0.9   |
| 0.0  | 0.0  | 0.5  | 0.2  | 0.0  | 0.4  | 0.0   |
| 1.2  | 0.9  | 0.7  | 1.5  | 1.6  | 0.8  | 0.7   |
| 0.6  | 0.8  | 0.8  | 0.7  | 1.0  | 1.0  | 0.9   |
| 0.2  | 0.2  | 0.9  | 0.3  | 0.1  | 0.3  | 0.0   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.2  | 0.0   |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0   |
| 3.5  | 3.6  | 2.7  | 2.7  | 3.5  | 3.4  | 4.1   |
| 0.1  | 0.2  | 1.0  | 0.9  | 0.3  | 0.5  | 0.3   |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.4   |
| 32.2 | 45.6 | 55.3 | 71.9 | 47.6 | 55.2 | 61.8  |
| 1.5  | 2.8  | 2.7  | 2.8  | 3.0  | 4.2  | 1.5   |
| 0.3  | 0.2  | 0.6  | 0.5  | 0.1  | 0.1  | 0.0   |
| 1.8  | 2.3  | 2.7  | 3.5  | 2.2  | 2.5  | 2.9   |
| 0.2  | 0.3  | 0.3  | 0.2  | 0.4  | 0.2  | 0.0   |
| 2.1  | 3.5  | 2.6  | 2.6  | 3.6  | 1.9  | 1.4   |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.0  | 0.0  | 0.0   |
| 7.3  | 7.2  | 2.4  | 2.5  | 3.8  | 8.0  | 6.8   |
| 7.2  | 8.2  | 8.7  | 7.2  | 18.0 | 4.0  | 2.6   |
| 0.1  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0   |
| 1.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   |
| 1.5  | 2.0  | 2.7  | 2.7  | 1.8  | 1.1  | 1.3   |
| 0.7  | 1.4  | 2.9  | 2.4  | 1.5  | 2.3  | 0.9   |
| 1.3  | 2.4  | 1.9  | 2.4  | 2.1  | 1.8  | 2.0   |
| 1.7  | 1.4  | 2.9  | 2.9  | 2.2  | 2.4  | 1.1   |



|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 9.0  | 12.5 | 9.5  | 10.5 | 8.8  | 9.6  | 6.0  |
| 0.0  | 0.1  | 0.2  | 0.3  | 0.2  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.4  | 0.3  | 0.7  | 1.1  | 0.8  | 0.4  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.2  | 0.0  |
| 0.3  | 0.5  | 0.5  | 0.2  | 0.6  | 0.4  | 0.9  |
| 0.0  | 0.0  | 0.9  | 0.6  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.2  | 0.7  | 0.5  | 0.1  | 0.6  | 0.0  |
| 1.2  | 2.9  | 1.8  | 2.1  | 3.3  | 1.3  | 1.3  |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.2  | 0.1  | 0.4  |
| 0.1  | 0.1  | 0.3  | 0.2  | 0.1  | 0.2  | 0.1  |
| 1.4  | 0.9  | 2.0  | 2.9  | 1.9  | 2.4  | 3.0  |
| 1.1  | 1.5  | 1.6  | 1.2  | 2.2  | 2.1  | 0.9  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.2  | 0.0  |
| 5.1  | 7.2  | 4.3  | 5.5  | 7.9  | 7.6  | 0.8  |
| 12.3 | 14.2 | 13.5 | 16.7 | 12.9 | 13.3 | 12.6 |
| 1.1  | 1.7  | 2.1  | 2.9  | 1.9  | 2.0  | 1.6  |
| 0.4  | 0.1  | 0.9  | 0.3  | 0.0  | 0.7  | 0.0  |
| 15.5 | 21.6 | 23.1 | 24.0 | 17.8 | 20.3 | 17.8 |
| 5.9  | 7.5  | 6.7  | 5.8  | 9.3  | 7.9  | 7.3  |
| 0.1  | 0.1  | 0.3  | 0.3  | 0.2  | 0.2  | 0.1  |
| 1.5  | 2.0  | 1.9  | 1.9  | 2.3  | 2.3  | 1.6  |
| 2.3  | 2.5  | 2.1  | 2.3  | 3.0  | 2.5  | 1.7  |
| 0.7  | 1.2  | 2.5  | 2.2  | 1.0  | 2.2  | 0.7  |
| 0.8  | 1.1  | 1.5  | 1.4  | 0.8  | 1.0  | 0.6  |
| 2.8  | 3.3  | 4.6  | 6.2  | 3.7  | 4.1  | 2.7  |
| 1.9  | 2.1  | 3.7  | 3.9  | 3.1  | 2.2  | 4.1  |
| 5.5  | 5.9  | 6.3  | 6.7  | 6.6  | 7.0  | 7.7  |
| 0.0  | 0.1  | 0.0  | 0.2  | 0.0  | 0.1  | 0.0  |
| 7.9  | 10.3 | 7.5  | 9.3  | 11.6 | 10.4 | 10.4 |
| 1.6  | 1.7  | 3.0  | 3.4  | 2.9  | 1.4  | 0.9  |
| 0.5  | 0.6  | 1.2  | 1.2  | 0.3  | 0.8  | 0.7  |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.0  | 0.2  | 0.0  |
| 0.1  | 0.1  | 0.4  | 0.6  | 0.1  | 0.4  | 0.0  |
| 1.4  | 0.8  | 1.2  | 1.1  | 0.8  | 0.6  | 4.3  |
| 1.4  | 1.7  | 2.1  | 2.3  | 2.0  | 2.3  | 1.3  |
| 0.6  | 0.7  | 0.5  | 0.5  | 0.9  | 0.6  | 0.4  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.4  | 0.2  | 0.0  | 0.0  | 0.0  |
| 2.2  | 2.8  | 2.6  | 3.2  | 2.7  | 3.7  | 2.8  |
| 4.7  | 4.8  | 5.2  | 4.6  | 4.9  | 4.8  | 1.3  |
| 6.1  | 7.5  | 6.0  | 5.2  | 7.1  | 3.8  | 1.7  |
| 0.1  | 0.4  | 1.5  | 1.2  | 0.2  | 0.6  | 0.4  |
| 7.8  | 6.7  | 5.1  | 5.1  | 3.8  | 3.5  | 4.6  |
| 36.1 | 48.8 | 44.9 | 49.4 | 62.8 | 63.3 | 61.0 |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 3.5  | 3.0  | 3.5  | 3.4  | 4.1  | 4.4  | 3.9  |
| 0.1  | 0.1  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.2  | 0.0  | 0.1  | 0.1  | 0.0  |
| 8.6  | 11.3 | 8.7  | 10.2 | 13.5 | 13.1 | 8.0  |
| 8.5  | 8.6  | 10.2 | 10.6 | 12.3 | 15.0 | 8.6  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.0  |
| 7.4  | 9.0  | 8.6  | 7.2  | 11.0 | 10.7 | 2.2  |
| 7.4  | 7.8  | 7.2  | 7.5  | 10.1 | 6.8  | 4.9  |
| 10.1 | 9.0  | 8.7  | 8.0  | 9.2  | 7.3  | 9.4  |
| 0.1  | 0.3  | 0.7  | 0.4  | 0.2  | 0.5  | 0.0  |
| 15.5 | 18.7 | 17.1 | 15.7 | 18.7 | 18.8 | 17.7 |
| 0.3  | 0.0  | 0.0  | 0.4  | 0.1  | 0.4  | 0.0  |
| 1.6  | 1.0  | 0.9  | 0.7  | 1.5  | 1.3  | 0.0  |
| 8.7  | 18.0 | 15.3 | 17.0 | 15.0 | 18.1 | 7.4  |
| 30.8 | 33.8 | 34.0 | 37.9 | 34.5 | 39.0 | 32.7 |
| 2.4  | 3.9  | 3.3  | 4.2  | 5.0  | 3.0  | 6.5  |
| 0.7  | 1.5  | 0.8  | 0.7  | 1.7  | 1.1  | 0.0  |
| 12.2 | 11.1 | 14.3 | 14.4 | 15.6 | 12.5 | 10.4 |
| 0.2  | 0.3  | 0.7  | 0.6  | 0.3  | 0.4  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  |
| 3.9  | 4.9  | 4.7  | 4.9  | 4.1  | 5.9  | 2.0  |
| 0.1  | 0.2  | 0.7  | 0.1  | 0.0  | 0.2  | 0.0  |
| 2.0  | 2.3  | 2.6  | 2.4  | 3.1  | 2.2  | 3.6  |
| 0.5  | 1.0  | 2.5  | 2.0  | 2.0  | 2.6  | 0.4  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 4.7  | 5.6  | 7.7  | 7.8  | 6.5  | 8.0  | 5.5  |
| 0.3  | 0.6  | 0.5  | 0.6  | 0.6  | 0.7  | 0.0  |
| 1.4  | 1.6  | 1.2  | 1.9  | 1.4  | 1.9  | 1.2  |
| 0.0  | 0.1  | 0.6  | 0.1  | 0.3  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.5  | 0.3  | 0.4  | 0.5  | 0.6  | 0.4  | 0.0  |
| 7.3  | 8.2  | 8.7  | 9.2  | 10.3 | 8.8  | 5.7  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 11.3 | 10.4 | 9.7  | 14.2 | 11.0 | 12.2 | 10.0 |
| 0.1  | 0.2  | 0.9  | 1.1  | 0.2  | 0.2  | 0.0  |
| 4.2  | 4.5  | 5.7  | 4.9  | 6.9  | 6.5  | 2.5  |
| 0.4  | 0.5  | 0.8  | 0.8  | 0.5  | 0.4  | 0.3  |
| 2.9  | 3.8  | 3.4  | 6.6  | 4.1  | 3.9  | 5.1  |
| 1.0  | 1.9  | 1.3  | 1.6  | 2.1  | 1.8  | 1.0  |
| 0.7  | 1.4  | 1.3  | 1.8  | 1.6  | 1.4  | 0.8  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  |
| 17.4 | 24.7 | 23.1 | 22.5 | 26.3 | 26.4 | 18.3 |
| 0.1  | 0.1  | 0.3  | 0.2  | 0.2  | 0.1  | 0.3  |
| 0.1  | 0.1  | 0.3  | 0.1  | 0.1  | 0.3  | 0.0  |
| 24.6 | 27.3 | 23.6 | 22.3 | 32.8 | 35.1 | 17.9 |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.3  | 0.0  | 0.6  | 0.6  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.3  | 0.8  | 0.7  | 0.1  | 1.1  | 0.0  |
| 27.0 | 46.0 | 33.6 | 30.8 | 39.3 | 37.8 | 20.8 |
| 2.3  | 3.2  | 3.8  | 3.6  | 4.4  | 3.6  | 0.7  |
| 1.9  | 1.8  | 1.8  | 1.9  | 2.4  | 2.4  | 1.1  |
| 4.4  | 5.9  | 6.3  | 6.9  | 5.6  | 6.9  | 8.5  |
| 1.6  | 1.8  | 1.4  | 1.5  | 2.0  | 2.0  | 1.1  |
| 28.0 | 27.3 | 18.8 | 25.7 | 30.1 | 35.4 | 24.9 |
| 0.7  | 0.8  | 0.7  | 0.5  | 1.1  | 1.2  | 0.5  |
| 0.1  | 0.2  | 0.1  | 0.8  | 0.7  | 0.4  | 0.0  |
| 5.2  | 5.9  | 7.0  | 8.3  | 8.1  | 6.5  | 3.6  |
| 0.8  | 1.4  | 2.6  | 1.9  | 0.7  | 1.9  | 1.3  |
| 0.1  | 0.0  | 0.2  | 0.8  | 0.0  | 0.5  | 0.0  |
| 7.3  | 7.7  | 6.7  | 7.6  | 10.7 | 8.7  | 4.8  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.1  |
| 2.3  | 1.1  | 2.9  | 3.2  | 2.8  | 2.9  | 3.6  |
| 2.2  | 3.2  | 3.0  | 2.6  | 3.1  | 3.4  | 3.0  |
| 5.5  | 7.4  | 4.3  | 5.6  | 4.7  | 6.3  | 3.2  |
| 4.1  | 4.7  | 7.1  | 8.5  | 6.6  | 7.2  | 7.8  |
| 1.0  | 0.1  | 0.2  | 0.3  | 0.5  | 0.2  | 0.0  |
| 0.1  | 0.1  | 0.3  | 0.3  | 0.2  | 0.3  | 0.0  |
| 0.1  | 0.1  | 0.5  | 0.0  | 0.0  | 0.4  | 0.0  |
| 3.4  | 3.4  | 3.5  | 3.6  | 4.5  | 2.8  | 0.7  |
| 0.8  | 0.8  | 0.7  | 0.9  | 1.3  | 1.3  | 0.7  |
| 0.6  | 0.8  | 0.7  | 1.3  | 2.5  | 1.5  | 0.5  |
| 7.1  | 8.4  | 8.7  | 9.1  | 9.1  | 7.7  | 10.8 |
| 0.0  | 0.0  | 0.4  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.6  | 0.2  | 0.9  | 0.9  | 0.7  | 0.9  | 1.4  |
| 0.1  | 0.2  | 0.6  | 0.3  | 0.3  | 1.3  | 0.0  |
| 29.6 | 31.4 | 36.2 | 40.6 | 42.4 | 38.5 | 35.3 |
| 8.2  | 9.1  | 9.9  | 12.2 | 10.1 | 10.9 | 11.6 |
| 23.3 | 22.5 | 23.9 | 23.4 | 32.6 | 31.8 | 33.4 |
| 12.4 | 23.7 | 20.2 | 19.3 | 16.4 | 22.6 | 21.0 |
| 0.1  | 0.1  | 0.4  | 0.1  | 0.4  | 0.1  | 0.0  |
| 9.9  | 11.5 | 10.2 | 8.9  | 14.1 | 11.2 | 5.6  |
| 0.2  | 0.1  | 0.1  | 0.1  | 0.3  | 0.4  | 0.0  |
| 0.3  | 0.8  | 3.2  | 1.7  | 0.6  | 2.0  | 0.0  |
| 0.6  | 1.1  | 1.0  | 1.0  | 1.4  | 0.7  | 0.7  |
| 2.4  | 4.7  | 8.3  | 6.8  | 4.8  | 7.7  | 2.3  |
| 0.4  | 1.1  | 0.8  | 1.3  | 1.5  | 1.3  | 1.8  |
| 2.9  | 6.9  | 7.1  | 7.3  | 6.3  | 7.3  | 2.2  |
| 0.2  | 0.2  | 0.5  | 0.7  | 0.4  | 0.4  | 0.0  |
| 0.9  | 1.1  | 1.6  | 1.5  | 1.7  | 1.4  | 1.8  |
| 0.5  | 0.4  | 0.5  | 0.5  | 0.8  | 0.3  | 0.6  |
| 1.6  | 1.8  | 1.0  | 1.0  | 2.3  | 2.2  | 1.1  |
| 5.2  | 7.1  | 7.5  | 8.5  | 8.2  | 8.6  | 6.3  |

|      |      |       |       |       |      |       |
|------|------|-------|-------|-------|------|-------|
| 0.0  | 0.1  | 0.9   | 1.3   | 0.3   | 0.0  | 0.0   |
| 11.9 | 8.9  | 10.4  | 6.7   | 14.3  | 9.9  | 5.7   |
| 0.0  | 0.0  | 0.1   | 0.0   | 0.1   | 0.0  | 0.0   |
| 4.8  | 4.4  | 2.6   | 3.2   | 5.6   | 6.5  | 7.6   |
| 11.8 | 18.1 | 13.0  | 14.0  | 19.0  | 19.9 | 5.4   |
| 6.3  | 7.3  | 4.5   | 5.4   | 10.3  | 6.4  | 2.5   |
| 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  | 0.0   |
| 4.4  | 6.2  | 3.4   | 3.6   | 7.0   | 6.0  | 2.6   |
| 0.0  | 0.1  | 0.1   | 0.1   | 0.0   | 0.0  | 0.0   |
| 0.1  | 0.2  | 0.2   | 0.6   | 0.0   | 0.9  | 0.0   |
| 6.8  | 7.4  | 3.4   | 4.1   | 8.3   | 7.4  | 6.8   |
| 9.0  | 13.6 | 19.4  | 16.3  | 17.2  | 14.9 | 14.2  |
| 4.5  | 6.1  | 6.2   | 7.1   | 6.4   | 6.1  | 5.7   |
| 4.5  | 4.2  | 4.4   | 4.7   | 7.2   | 6.8  | 0.4   |
| 0.4  | 0.5  | 0.5   | 0.2   | 0.6   | 0.3  | 0.0   |
| 0.1  | 0.2  | 0.0   | 0.4   | 0.2   | 0.2  | 0.0   |
| 87.7 | 92.3 | 104.0 | 122.1 | 103.6 | 86.5 | 140.4 |
| 0.1  | 0.2  | 0.4   | 0.4   | 0.1   | 0.2  | 0.3   |
| 0.1  | 0.5  | 0.5   | 1.0   | 0.4   | 0.2  | 0.0   |
| 0.1  | 0.4  | 0.3   | 0.4   | 0.2   | 0.6  | 0.0   |
| 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  | 0.0   |
| 12.1 | 10.7 | 11.5  | 14.2  | 12.5  | 11.3 | 20.7  |
| 1.2  | 2.0  | 1.6   | 1.4   | 1.0   | 2.7  | 1.9   |
| 52.0 | 47.1 | 46.5  | 44.6  | 52.1  | 58.2 | 76.9  |
| 0.1  | 0.2  | 0.3   | 0.6   | 0.1   | 0.2  | 0.0   |
| 2.5  | 2.3  | 2.7   | 3.7   | 4.3   | 3.1  | 1.9   |
| 1.5  | 2.3  | 2.8   | 2.8   | 1.9   | 2.7  | 3.9   |
| 0.2  | 0.0  | 0.3   | 0.3   | 0.1   | 0.3  | 0.0   |
| 0.0  | 0.1  | 0.3   | 0.3   | 0.0   | 0.0  | 0.0   |
| 4.8  | 10.4 | 7.9   | 9.9   | 7.1   | 7.6  | 15.0  |
| 0.6  | 0.5  | 0.9   | 0.5   | 1.1   | 1.2  | 1.7   |
| 2.6  | 3.3  | 4.0   | 4.4   | 4.1   | 3.8  | 3.7   |
| 3.3  | 3.7  | 2.0   | 2.0   | 3.8   | 3.4  | 1.9   |
| 5.3  | 4.8  | 5.6   | 7.1   | 6.4   | 6.7  | 7.5   |
| 2.8  | 3.4  | 1.4   | 1.9   | 3.1   | 3.2  | 0.3   |
| 1.1  | 1.3  | 2.0   | 2.6   | 1.4   | 2.1  | 0.9   |
| 0.6  | 0.7  | 0.7   | 0.6   | 0.6   | 0.4  | 0.2   |
| 3.4  | 4.7  | 8.5   | 8.5   | 7.2   | 9.2  | 7.4   |
| 4.6  | 7.5  | 6.8   | 6.2   | 6.2   | 7.4  | 7.4   |
| 2.2  | 2.1  | 4.4   | 4.6   | 3.7   | 3.2  | 1.7   |
| 1.1  | 1.4  | 1.2   | 1.3   | 1.8   | 1.9  | 0.9   |
| 6.3  | 7.3  | 7.4   | 9.1   | 8.2   | 10.9 | 1.9   |
| 26.0 | 39.2 | 22.1  | 27.5  | 42.0  | 32.8 | 10.1  |
| 2.6  | 2.3  | 2.1   | 2.1   | 3.5   | 2.8  | 2.1   |
| 0.1  | 0.2  | 0.1   | 0.0   | 0.1   | 0.0  | 0.0   |
| 25.8 | 21.0 | 30.5  | 34.6  | 27.6  | 24.7 | 57.5  |
| 5.2  | 4.8  | 5.4   | 8.2   | 7.3   | 5.2  | 9.1   |

|         |        |         |        |        |        |        |
|---------|--------|---------|--------|--------|--------|--------|
| 13.6    | 17.9   | 11.7    | 14.7   | 17.2   | 13.9   | 3.2    |
| 67.1    | 74.9   | 79.9    | 85.4   | 80.5   | 38.1   | 38.9   |
| 0.0     | 0.0    | 0.0     | 0.6    | 0.0    | 0.0    | 0.0    |
| 48.8    | 53.5   | 51.3    | 58.6   | 63.9   | 53.5   | 38.4   |
| 12.5    | 13.0   | 12.3    | 11.7   | 18.4   | 17.3   | 3.5    |
| 20.9    | 30.4   | 31.3    | 35.2   | 28.2   | 29.7   | 36.2   |
| 12.2    | 16.7   | 15.6    | 15.4   | 21.2   | 16.7   | 11.7   |
| 6.9     | 7.4    | 6.2     | 6.6    | 7.7    | 8.6    | 4.2    |
| 84.3    | 116.7  | 90.1    | 99.2   | 79.8   | 94.5   | 122.3  |
| 8.5     | 10.6   | 8.1     | 7.4    | 9.5    | 13.1   | 3.7    |
| 33.7    | 30.4   | 24.0    | 23.6   | 44.6   | 38.6   | 17.2   |
| 0.2     | 0.4    | 1.3     | 0.9    | 0.9    | 1.0    | 0.0    |
| 4.4     | 4.7    | 3.1     | 4.2    | 5.0    | 3.2    | 2.8    |
| 0.1     | 0.1    | 0.5     | 0.4    | 0.1    | 0.3    | 0.1    |
| 24.6    | 21.4   | 26.6    | 30.2   | 20.5   | 25.2   | 25.1   |
| 15.1    | 15.3   | 15.6    | 15.2   | 17.4   | 16.0   | 8.2    |
| 1.4     | 1.6    | 1.8     | 2.5    | 1.9    | 1.4    | 1.0    |
| 5.1     | 5.4    | 4.9     | 5.3    | 5.9    | 8.1    | 4.3    |
| 5.2     | 4.4    | 5.3     | 6.3    | 5.8    | 5.1    | 6.7    |
| 0.0     | 0.0    | 0.2     | 0.1    | 0.0    | 0.2    | 0.0    |
| 6.1     | 7.1    | 7.7     | 8.1    | 9.2    | 7.0    | 9.9    |
| 2.7     | 5.1    | 4.2     | 4.2    | 5.7    | 4.7    | 2.0    |
| 5.4     | 7.2    | 5.5     | 4.3    | 5.6    | 5.6    | 4.4    |
| 0.8     | 0.8    | 1.2     | 0.8    | 1.4    | 1.2    | 0.2    |
| 0.4     | 0.9    | 0.7     | 0.2    | 1.4    | 0.4    | 0.0    |
| 0.4     | 0.4    | 0.9     | 0.8    | 0.5    | 0.2    | 0.0    |
| 0.1     | 0.1    | 0.5     | 1.0    | 0.0    | 0.5    | 0.0    |
| 1.3     | 2.2    | 4.2     | 2.2    | 2.5    | 3.0    | 4.2    |
| 20.2    | 45.6   | 45.2    | 45.3   | 38.2   | 47.8   | 36.0   |
| 14.2    | 15.7   | 9.8     | 10.8   | 15.2   | 16.0   | 8.8    |
| 0.0     | 0.1    | 0.4     | 0.3    | 0.1    | 0.3    | 0.0    |
| 0.0     | 0.2    | 0.1     | 0.3    | 0.1    | 0.0    | 0.0    |
| 0.3     | 0.2    | 0.9     | 0.6    | 1.1    | 0.3    | 0.0    |
| 0.1     | 0.1    | 0.3     | 0.0    | 0.0    | 0.0    | 0.0    |
| 6.8     | 7.9    | 5.2     | 5.7    | 11.2   | 9.6    | 2.2    |
| 7.1     | 9.0    | 7.9     | 9.7    | 7.4    | 7.5    | 9.1    |
| 32.2    | 50.9   | 37.8    | 41.3   | 45.0   | 41.8   | 37.1   |
| 5.6     | 6.9    | 5.9     | 6.4    | 10.4   | 4.0    | 1.4    |
| 0.3     | 0.6    | 0.2     | 0.5    | 0.4    | 0.4    | 0.2    |
| 1.7     | 3.7    | 3.0     | 3.1    | 3.6    | 5.2    | 2.0    |
| 0.2     | 0.0    | 0.0     | 0.5    | 0.0    | 0.5    | 0.0    |
| 23335.4 | 5588.1 | 11697.3 | 7171.8 | 6310.5 | 4375.0 | 5734.4 |
| 0.5     | 1.5    | 3.1     | 3.1    | 1.7    | 3.0    | 1.1    |
| 2.9     | 3.3    | 3.2     | 3.3    | 4.0    | 3.9    | 1.5    |
| 6.8     | 8.7    | 7.6     | 5.0    | 6.2    | 7.7    | 9.6    |
| 15.5    | 18.6   | 20.1    | 25.1   | 20.8   | 24.6   | 13.3   |
| 0.3     | 0.0    | 0.7     | 0.3    | 0.0    | 0.0    | 0.0    |

|      |      |      |      |      |      |       |
|------|------|------|------|------|------|-------|
| 0.0  | 0.2  | 0.5  | 0.4  | 0.0  | 0.0  | 0.0   |
| 15.2 | 20.1 | 15.9 | 15.4 | 14.3 | 20.3 | 19.3  |
| 9.8  | 9.5  | 10.7 | 9.6  | 11.2 | 14.4 | 18.8  |
| 5.8  | 6.4  | 11.0 | 11.9 | 14.2 | 8.5  | 11.0  |
| 8.2  | 12.7 | 10.8 | 13.7 | 10.7 | 10.7 | 13.8  |
| 7.6  | 8.2  | 8.4  | 8.7  | 8.7  | 9.4  | 10.2  |
| 0.5  | 0.4  | 0.5  | 0.4  | 0.3  | 0.7  | 0.4   |
| 0.0  | 0.0  | 0.5  | 0.3  | 0.0  | 1.0  | 0.0   |
| 33.4 | 59.2 | 52.3 | 50.7 | 43.2 | 48.0 | 48.3  |
| 10.7 | 12.6 | 18.4 | 15.6 | 16.4 | 17.5 | 17.3  |
| 32.9 | 19.5 | 26.8 | 37.1 | 34.2 | 30.1 | 105.7 |
| 0.1  | 0.2  | 0.3  | 0.3  | 0.0  | 0.3  | 0.0   |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.0  | 0.3  | 0.0   |
| 7.0  | 6.3  | 6.6  | 6.7  | 7.7  | 6.3  | 7.0   |
| 0.1  | 0.0  | 0.6  | 0.5  | 0.2  | 0.5  | 0.0   |
| 3.4  | 7.6  | 6.9  | 8.0  | 6.8  | 7.7  | 8.1   |
| 25.4 | 29.4 | 28.0 | 27.4 | 29.4 | 30.7 | 18.3  |
| 3.1  | 3.6  | 3.8  | 3.7  | 3.3  | 4.0  | 6.5   |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.1  | 0.2  | 0.0   |
| 9.1  | 7.9  | 10.5 | 10.3 | 10.9 | 11.8 | 6.5   |
| 0.0  | 0.0  | 0.2  | 0.3  | 0.2  | 0.1  | 0.0   |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0   |
| 4.1  | 6.3  | 5.1  | 5.2  | 5.9  | 6.9  | 6.5   |
| 0.1  | 0.1  | 0.3  | 0.8  | 0.6  | 0.1  | 0.0   |
| 5.2  | 12.2 | 9.4  | 10.6 | 12.2 | 11.9 | 7.1   |
| 2.5  | 4.3  | 3.6  | 3.1  | 5.8  | 5.8  | 0.7   |
| 0.1  | 0.2  | 0.5  | 0.8  | 0.2  | 0.2  | 0.0   |
| 3.2  | 6.4  | 6.5  | 6.0  | 6.9  | 4.6  | 5.1   |
| 2.5  | 2.6  | 2.3  | 2.3  | 3.8  | 3.9  | 1.4   |
| 0.1  | 0.1  | 0.3  | 0.3  | 0.1  | 0.1  | 0.0   |
| 1.6  | 2.0  | 2.5  | 2.3  | 2.7  | 1.7  | 0.8   |
| 1.4  | 1.8  | 2.6  | 2.6  | 1.8  | 2.9  | 0.7   |
| 1.2  | 1.4  | 1.2  | 0.9  | 1.8  | 1.1  | 0.8   |
| 0.0  | 0.1  | 0.6  | 0.0  | 0.2  | 0.2  | 0.0   |
| 0.0  | 0.0  | 1.3  | 0.0  | 0.0  | 0.0  | 0.0   |
| 4.6  | 6.3  | 7.7  | 8.8  | 8.1  | 6.5  | 8.5   |
| 0.0  | 0.0  | 0.4  | 0.3  | 0.1  | 0.0  | 0.0   |
| 7.6  | 8.5  | 7.5  | 8.7  | 10.0 | 9.3  | 11.7  |
| 0.0  | 0.2  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0   |
| 5.6  | 8.4  | 6.5  | 6.8  | 8.6  | 9.8  | 2.0   |
| 2.1  | 2.8  | 3.8  | 2.8  | 4.3  | 4.9  | 5.4   |
| 1.4  | 1.4  | 1.8  | 2.3  | 2.2  | 1.3  | 1.7   |
| 0.2  | 0.4  | 1.1  | 0.7  | 0.3  | 1.0  | 0.3   |
| 2.1  | 2.5  | 2.4  | 2.6  | 2.0  | 2.8  | 3.0   |
| 45.0 | 72.2 | 61.7 | 74.4 | 66.6 | 85.4 | 56.9  |
| 1.3  | 0.8  | 1.2  | 1.2  | 0.7  | 1.0  | 0.8   |
| 0.4  | 0.6  | 0.9  | 0.9  | 0.5  | 0.5  | 0.2   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.4  | 0.5  | 0.4  | 0.3  | 0.6  | 0.6  | 0.5  |
| 5.5  | 5.3  | 7.5  | 8.0  | 11.7 | 8.6  | 5.3  |
| 0.8  | 1.0  | 1.2  | 1.3  | 1.6  | 1.3  | 0.9  |
| 11.2 | 15.4 | 17.5 | 21.1 | 15.1 | 12.9 | 18.4 |
| 9.0  | 8.8  | 11.0 | 13.5 | 14.0 | 11.3 | 11.0 |
| 3.2  | 4.0  | 3.5  | 5.1  | 4.8  | 3.5  | 5.7  |
| 0.3  | 0.1  | 0.9  | 0.8  | 0.1  | 0.9  | 0.0  |
| 8.0  | 7.9  | 11.1 | 13.5 | 9.7  | 10.7 | 21.8 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 5.3  | 5.7  | 6.4  | 5.8  | 6.7  | 5.7  | 6.2  |
| 2.0  | 2.9  | 3.0  | 4.4  | 4.1  | 3.2  | 3.1  |
| 62.0 | 84.5 | 59.3 | 61.7 | 71.7 | 85.4 | 59.4 |
| 0.9  | 1.6  | 3.3  | 3.4  | 1.3  | 2.5  | 0.8  |
| 0.6  | 1.5  | 2.9  | 2.7  | 1.5  | 1.7  | 0.7  |
| 0.3  | 0.8  | 1.5  | 1.0  | 0.8  | 0.2  | 0.1  |
| 0.1  | 0.1  | 0.2  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.6  | 0.5  | 0.0  | 0.4  | 0.0  |
| 2.0  | 1.1  | 2.3  | 2.5  | 1.6  | 1.4  | 2.8  |
| 4.9  | 6.3  | 6.6  | 6.3  | 8.8  | 7.2  | 2.9  |
| 0.4  | 0.6  | 0.8  | 0.7  | 0.5  | 0.4  | 0.4  |
| 2.3  | 2.7  | 2.7  | 3.0  | 4.4  | 4.7  | 0.1  |
| 0.0  | 0.0  | 0.3  | 0.2  | 0.0  | 0.0  | 0.0  |
| 6.3  | 9.8  | 10.8 | 10.0 | 9.3  | 10.3 | 10.1 |
| 1.2  | 1.9  | 4.1  | 4.1  | 3.3  | 2.7  | 1.5  |
| 0.5  | 0.8  | 1.4  | 1.6  | 1.7  | 1.2  | 2.2  |
| 6.2  | 8.8  | 7.8  | 7.4  | 11.8 | 9.3  | 4.5  |
| 0.1  | 0.1  | 0.3  | 0.2  | 0.1  | 0.1  | 0.1  |
| 0.5  | 0.5  | 0.8  | 0.8  | 1.5  | 0.9  | 0.5  |
| 22.9 | 29.3 | 22.4 | 23.5 | 34.2 | 34.5 | 12.5 |
| 0.1  | 0.2  | 0.4  | 0.4  | 0.0  | 1.0  | 0.0  |
| 2.7  | 2.0  | 2.7  | 3.0  | 4.0  | 3.4  | 2.4  |
| 0.0  | 0.2  | 0.6  | 0.5  | 0.0  | 0.4  | 0.0  |
| 11.7 | 11.9 | 12.1 | 15.9 | 12.6 | 11.5 | 16.5 |
| 9.2  | 10.8 | 6.8  | 6.1  | 13.1 | 10.2 | 1.8  |
| 3.9  | 5.3  | 8.4  | 7.0  | 4.0  | 8.6  | 5.4  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.1  | 0.3  | 0.0  |
| 0.2  | 0.2  | 0.2  | 0.2  | 0.2  | 0.1  | 0.0  |
| 10.9 | 10.3 | 12.4 | 13.7 | 14.6 | 13.8 | 15.6 |
| 0.5  | 0.2  | 2.4  | 0.9  | 0.2  | 4.2  | 0.0  |
| 22.5 | 23.3 | 26.5 | 31.0 | 25.1 | 25.0 | 15.7 |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 2.1  | 2.0  | 4.0  | 3.8  | 3.1  | 2.3  | 1.8  |
| 2.1  | 1.5  | 1.5  | 1.7  | 2.6  | 1.9  | 2.2  |
| 3.5  | 3.2  | 3.9  | 4.3  | 3.4  | 4.6  | 5.2  |
| 9.1  | 9.8  | 13.9 | 19.5 | 13.7 | 12.9 | 21.2 |
| 13.2 | 14.7 | 11.9 | 12.8 | 16.4 | 10.8 | 22.8 |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.2  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.1  | 0.2  | 0.3  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.6  | 0.1  | 0.1  | 0.0  | 0.0  |
| 6.0  | 6.0  | 6.3  | 6.5  | 6.0  | 5.7  | 6.4  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.5  | 0.6  | 1.5  | 2.3  | 1.7  | 0.7  | 0.1  |
| 0.1  | 0.3  | 0.5  | 0.6  | 0.5  | 0.3  | 0.0  |
| 7.5  | 9.8  | 9.4  | 10.2 | 7.8  | 9.8  | 9.6  |
| 0.6  | 0.6  | 0.6  | 0.6  | 0.8  | 1.0  | 0.4  |
| 0.2  | 0.3  | 0.4  | 0.4  | 0.3  | 0.2  | 0.3  |
| 6.9  | 12.0 | 12.2 | 15.3 | 11.0 | 13.9 | 30.9 |
| 12.7 | 19.1 | 15.3 | 17.3 | 20.3 | 15.0 | 14.6 |
| 25.6 | 23.5 | 16.1 | 31.2 | 23.5 | 24.6 | 29.8 |
| 6.8  | 12.1 | 11.9 | 12.2 | 12.6 | 13.8 | 12.2 |
| 0.2  | 0.3  | 0.9  | 1.0  | 0.6  | 0.6  | 0.0  |
| 1.1  | 1.2  | 2.1  | 2.5  | 2.2  | 1.4  | 1.2  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.2  | 0.3  | 0.4  | 0.5  | 0.4  | 0.7  | 0.0  |
| 1.1  | 1.0  | 1.1  | 1.1  | 1.7  | 1.2  | 0.4  |
| 1.7  | 2.4  | 2.1  | 1.8  | 1.7  | 2.7  | 3.0  |
| 0.1  | 0.2  | 0.2  | 0.2  | 0.2  | 0.6  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.2  | 0.2  | 1.2  | 0.5  | 0.1  | 1.4  | 0.0  |
| 4.1  | 4.2  | 3.6  | 4.9  | 6.3  | 5.5  | 5.2  |
| 1.5  | 1.7  | 1.1  | 1.2  | 2.8  | 2.1  | 0.9  |
| 0.3  | 0.5  | 0.6  | 0.8  | 0.5  | 0.5  | 0.1  |
| 11.6 | 17.6 | 8.1  | 8.2  | 17.9 | 18.2 | 10.1 |
| 1.2  | 1.1  | 1.6  | 1.4  | 2.3  | 1.6  | 2.2  |
| 0.0  | 0.0  | 0.3  | 0.3  | 0.0  | 0.4  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.1  | 0.5  | 0.4  | 0.3  | 0.4  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.2  | 0.4  | 0.4  | 0.3  | 0.2  | 1.1  |
| 0.0  | 0.0  | 0.4  | 0.2  | 0.2  | 0.0  | 0.0  |
| 0.3  | 0.5  | 0.3  | 0.5  | 0.6  | 0.5  | 0.1  |
| 0.1  | 0.1  | 0.5  | 0.3  | 0.2  | 0.1  | 0.0  |
| 11.1 | 14.2 | 15.8 | 15.2 | 17.4 | 15.4 | 6.8  |
| 32.8 | 49.3 | 41.9 | 40.8 | 39.0 | 39.3 | 34.8 |
| 8.1  | 10.3 | 10.1 | 12.4 | 9.1  | 12.9 | 4.3  |
| 11.5 | 11.5 | 12.3 | 11.0 | 16.7 | 14.0 | 7.9  |
| 0.1  | 0.0  | 0.5  | 0.4  | 0.1  | 0.4  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 3.8  | 3.1  | 3.9  | 4.1  | 4.9  | 3.1  | 0.0  |
| 1.7  | 2.3  | 1.8  | 1.3  | 2.6  | 2.7  | 1.1  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.1  | 0.1  | 0.0  |



|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.6  | 1.7  | 1.8  | 3.5  | 0.6  | 0.4  | 0.0  |
| 9.5  | 10.7 | 15.7 | 15.3 | 12.2 | 14.3 | 12.6 |
| 18.6 | 19.5 | 23.7 | 31.4 | 25.6 | 21.4 | 30.9 |
| 0.3  | 0.3  | 0.7  | 0.8  | 0.6  | 0.7  | 0.2  |
| 3.7  | 4.0  | 4.6  | 3.7  | 5.0  | 5.6  | 1.0  |
| 0.1  | 0.1  | 0.6  | 0.4  | 0.0  | 0.2  | 0.0  |
| 0.2  | 0.1  | 0.7  | 0.3  | 0.2  | 0.3  | 0.0  |
| 4.0  | 5.6  | 5.3  | 4.7  | 5.6  | 4.8  | 4.8  |
| 4.8  | 4.9  | 4.2  | 5.1  | 7.1  | 5.9  | 2.3  |
| 1.4  | 1.7  | 2.2  | 2.8  | 3.5  | 2.8  | 3.1  |
| 17.7 | 12.8 | 14.1 | 16.7 | 17.9 | 17.4 | 17.5 |
| 11.6 | 21.7 | 21.7 | 17.6 | 17.9 | 21.7 | 14.8 |
| 2.3  | 1.8  | 2.9  | 4.2  | 3.2  | 3.0  | 5.4  |
| 2.4  | 3.1  | 4.5  | 4.3  | 4.8  | 4.5  | 4.8  |
| 23.0 | 23.4 | 29.7 | 35.2 | 29.5 | 26.5 | 28.8 |
| 44.7 | 70.4 | 78.2 | 93.7 | 74.5 | 61.4 | 38.5 |
| 0.1  | 0.3  | 0.0  | 0.8  | 0.8  | 0.2  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.7  | 3.4  | 4.8  | 5.8  | 1.7  | 7.8  | 0.5  |
| 0.2  | 0.3  | 0.6  | 0.3  | 0.1  | 0.4  | 1.1  |
| 5.8  | 6.6  | 3.0  | 5.1  | 10.4 | 9.9  | 2.5  |
| 31.1 | 42.9 | 33.2 | 34.2 | 41.1 | 33.2 | 41.5 |
| 0.0  | 0.1  | 0.1  | 0.3  | 0.0  | 0.2  | 0.0  |
| 20.1 | 17.7 | 24.0 | 27.9 | 26.6 | 28.8 | 35.9 |
| 2.4  | 3.2  | 4.1  | 4.3  | 3.1  | 3.1  | 2.6  |
| 3.8  | 4.4  | 4.7  | 4.0  | 4.6  | 3.6  | 4.9  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 16.7 | 18.9 | 11.4 | 10.1 | 19.7 | 20.0 | 1.4  |
| 0.6  | 0.5  | 0.8  | 0.7  | 0.4  | 1.0  | 0.5  |
| 4.9  | 8.7  | 18.5 | 17.9 | 13.4 | 20.3 | 2.6  |
| 0.0  | 0.1  | 0.3  | 0.5  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.1  | 0.3  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.2  | 0.1  | 0.3  | 0.3  | 0.3  | 0.3  | 0.3  |
| 43.0 | 49.8 | 52.5 | 64.3 | 55.8 | 62.3 | 73.2 |
| 0.0  | 0.1  | 0.4  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.2  | 0.1  | 0.0  | 0.0  |
| 0.7  | 0.5  | 1.5  | 0.4  | 1.3  | 0.4  | 0.0  |
| 0.7  | 0.9  | 2.1  | 3.3  | 3.8  | 1.5  | 1.7  |
| 8.0  | 12.2 | 11.1 | 11.5 | 9.6  | 9.5  | 7.1  |
| 1.6  | 1.7  | 1.8  | 2.1  | 1.8  | 2.1  | 2.0  |
| 11.4 | 13.4 | 10.2 | 11.8 | 16.3 | 15.0 | 9.2  |
| 0.0  | 0.0  | 0.3  | 0.2  | 0.0  | 0.3  | 0.0  |
| 4.2  | 4.3  | 4.7  | 5.6  | 6.1  | 6.2  | 2.9  |
| 1.5  | 1.5  | 1.7  | 1.9  | 1.6  | 2.2  | 2.7  |
| 0.0  | 0.0  | 0.4  | 0.0  | 0.0  | 0.0  | 0.0  |
| 10.1 | 11.7 | 8.9  | 10.7 | 12.5 | 11.9 | 10.5 |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 2.9   | 2.9   | 2.2   | 2.4   | 2.7   | 2.3   | 1.7   |
| 3.8   | 4.0   | 3.4   | 3.0   | 4.0   | 5.9   | 2.1   |
| 0.1   | 0.2   | 0.1   | 0.1   | 0.0   | 0.1   | 0.1   |
| 0.6   | 0.6   | 1.4   | 1.8   | 1.1   | 0.6   | 0.7   |
| 0.8   | 0.9   | 0.5   | 0.5   | 1.0   | 0.7   | 0.4   |
| 0.0   | 0.0   | 0.3   | 0.5   | 0.1   | 0.1   | 0.0   |
| 7.0   | 8.2   | 2.3   | 2.7   | 7.6   | 9.1   | 2.6   |
| 0.0   | 0.2   | 0.4   | 0.2   | 0.1   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.4   | 0.4   | 1.1   | 0.1   | 0.6   | 0.0   |
| 149.2 | 183.7 | 167.6 | 197.6 | 159.0 | 188.5 | 199.4 |
| 0.3   | 0.6   | 1.1   | 1.1   | 1.0   | 0.5   | 0.0   |
| 0.0   | 0.3   | 1.8   | 0.3   | 0.0   | 0.0   | 0.0   |
| 0.3   | 0.5   | 0.9   | 1.1   | 0.8   | 0.0   | 0.0   |
| 0.2   | 0.0   | 0.3   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.0   | 0.2   | 0.0   |
| 0.0   | 0.0   | 0.4   | 0.4   | 0.1   | 0.0   | 0.0   |
| 3.3   | 5.8   | 8.8   | 9.6   | 5.1   | 9.5   | 1.5   |
| 0.0   | 0.0   | 0.1   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.4   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.4   | 0.1   | 0.0   | 0.4   | 0.0   |
| 0.0   | 0.1   | 0.1   | 0.1   | 0.1   | 0.4   | 0.0   |
| 0.8   | 1.0   | 1.0   | 1.3   | 1.2   | 1.3   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.9   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.5   | 0.4   | 0.1   | 0.1   | 0.0   |
| 0.1   | 0.0   | 0.2   | 0.4   | 0.2   | 0.3   | 0.0   |
| 0.0   | 0.1   | 0.3   | 0.5   | 0.4   | 0.4   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.7   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.0   | 0.3   | 0.7   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.2   | 0.4   | 0.2   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.2   | 0.5   | 0.4   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.0   | 0.2   | 0.3   | 0.0   | 0.4   | 0.0   |
| 1.0   | 2.2   | 4.7   | 3.6   | 1.7   | 4.4   | 2.2   |
| 0.8   | 1.0   | 1.7   | 1.6   | 1.3   | 2.2   | 0.9   |
| 1.2   | 2.1   | 2.6   | 2.5   | 1.8   | 2.5   | 1.6   |
| 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.2   | 0.1   | 0.1   | 0.0   |
| 2.5   | 3.7   | 3.0   | 2.5   | 3.7   | 3.5   | 1.9   |
| 0.7   | 0.6   | 0.9   | 0.6   | 0.2   | 0.8   | 0.0   |
| 0.2   | 0.0   | 0.7   | 0.5   | 0.0   | 0.0   | 0.0   |
| 40.8  | 44.8  | 36.3  | 41.2  | 47.1  | 47.5  | 48.5  |
| 0.0   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 4.8   | 4.9   | 4.8   | 5.2   | 4.5   | 5.6   | 6.0   |
| 16.4  | 17.2  | 21.7  | 27.0  | 22.0  | 20.2  | 21.0  |
| 8.6   | 14.4  | 11.7  | 11.3  | 14.1  | 14.1  | 8.7   |
| 0.0   | 0.1   | 0.2   | 1.1   | 0.0   | 0.0   | 0.0   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 4.2  | 2.2  | 3.7  | 4.1  | 6.0  | 5.2  | 0.9  |
| 17.2 | 16.1 | 20.9 | 20.1 | 21.8 | 14.9 | 12.3 |
| 4.1  | 5.6  | 5.0  | 5.5  | 4.8  | 6.1  | 2.0  |
| 6.3  | 8.7  | 6.9  | 5.2  | 7.5  | 6.3  | 0.2  |
| 0.0  | 0.1  | 0.9  | 0.4  | 0.6  | 0.4  | 1.2  |
| 3.9  | 3.8  | 5.7  | 6.1  | 5.4  | 6.2  | 2.0  |
| 0.7  | 0.3  | 1.1  | 1.0  | 0.8  | 1.0  | 1.1  |
| 4.3  | 5.8  | 4.7  | 4.7  | 6.9  | 9.2  | 3.5  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.2  | 0.0  |
| 4.7  | 5.1  | 5.2  | 4.9  | 6.3  | 5.3  | 3.0  |
| 0.0  | 0.1  | 0.2  | 0.3  | 0.2  | 0.0  | 0.0  |
| 2.6  | 2.6  | 3.2  | 3.7  | 3.6  | 2.5  | 1.1  |
| 1.5  | 1.0  | 1.9  | 1.5  | 1.2  | 0.9  | 0.9  |
| 0.1  | 0.1  | 0.9  | 0.5  | 0.1  | 0.4  | 0.0  |
| 0.2  | 0.3  | 0.5  | 0.7  | 0.2  | 0.5  | 0.2  |
| 0.2  | 0.4  | 0.6  | 0.1  | 0.1  | 0.7  | 0.0  |
| 0.0  | 0.3  | 0.0  | 0.2  | 0.3  | 0.0  | 0.0  |
| 2.1  | 2.5  | 3.5  | 2.8  | 3.8  | 2.1  | 2.8  |
| 0.0  | 0.1  | 0.0  | 0.4  | 0.9  | 0.0  | 0.0  |
| 19.4 | 22.2 | 21.3 | 22.3 | 26.3 | 26.9 | 16.0 |
| 0.1  | 0.3  | 0.0  | 0.4  | 0.1  | 0.2  | 0.0  |
| 6.7  | 11.5 | 8.4  | 8.1  | 14.3 | 10.1 | 6.1  |
| 5.8  | 6.7  | 7.1  | 7.9  | 6.1  | 7.6  | 14.4 |
| 0.2  | 0.1  | 0.6  | 0.2  | 0.1  | 0.4  | 0.0  |
| 0.2  | 0.1  | 0.5  | 0.7  | 0.1  | 0.0  | 0.0  |
| 1.2  | 0.8  | 1.1  | 1.2  | 1.1  | 1.5  | 1.0  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.9  | 2.5  | 3.5  | 3.8  | 3.5  | 3.3  | 3.7  |
| 0.4  | 0.3  | 0.6  | 0.4  | 0.4  | 0.6  | 0.3  |
| 0.1  | 0.1  | 0.6  | 1.0  | 0.3  | 0.5  | 0.2  |
| 1.1  | 1.4  | 2.7  | 2.5  | 1.8  | 1.5  | 3.1  |
| 2.4  | 4.5  | 6.8  | 7.0  | 2.1  | 6.8  | 1.6  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.5  | 0.3  | 0.0  | 0.3  | 0.0  |
| 0.2  | 0.3  | 0.3  | 0.2  | 0.5  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.5  | 0.8  | 0.8  | 0.4  | 0.8  | 0.4  |
| 0.3  | 0.5  | 0.2  | 0.6  | 0.1  | 0.5  | 0.0  |
| 24.7 | 34.2 | 31.7 | 35.6 | 27.3 | 32.7 | 27.7 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.5  | 0.0  |
| 12.1 | 13.3 | 13.1 | 16.4 | 13.2 | 13.9 | 11.7 |
| 0.0  | 0.1  | 0.3  | 0.3  | 0.0  | 0.7  | 0.0  |
| 0.1  | 0.0  | 0.3  | 0.3  | 0.0  | 0.4  | 0.0  |
| 0.1  | 0.1  | 0.4  | 0.3  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.5  | 0.0  | 0.5  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.2  | 0.0  | 0.0  | 0.3  | 0.0  | 0.3  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.1  | 0.3  | 0.3  | 0.4  | 0.1  | 0.0  |
| 1.2  | 1.7  | 1.5  | 1.4  | 1.8  | 1.8  | 1.4  |
| 8.6  | 9.8  | 11.8 | 13.1 | 12.3 | 10.2 | 12.4 |
| 6.1  | 5.4  | 9.9  | 8.3  | 8.9  | 5.7  | 4.1  |
| 0.1  | 0.1  | 1.3  | 0.3  | 0.3  | 0.4  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.5  | 0.1  | 0.1  | 0.0  |
| 1.8  | 1.4  | 1.7  | 2.2  | 1.4  | 1.6  | 1.2  |
| 0.3  | 0.1  | 1.4  | 1.6  | 0.3  | 0.8  | 0.0  |
| 2.3  | 3.3  | 3.9  | 4.5  | 3.1  | 3.8  | 3.9  |
| 2.0  | 0.9  | 1.3  | 1.2  | 1.6  | 1.3  | 1.3  |
| 0.1  | 0.2  | 0.2  | 0.1  | 0.0  | 0.2  | 0.0  |
| 1.3  | 1.5  | 2.1  | 1.7  | 3.0  | 2.0  | 1.2  |
| 0.8  | 0.7  | 0.5  | 0.4  | 0.9  | 1.2  | 0.8  |
| 3.2  | 3.8  | 13.7 | 10.0 | 3.9  | 15.3 | 2.7  |
| 0.9  | 0.9  | 0.6  | 1.0  | 1.0  | 0.8  | 0.4  |
| 0.4  | 1.2  | 1.5  | 2.0  | 0.7  | 2.1  | 0.2  |
| 0.4  | 0.4  | 0.6  | 0.5  | 0.4  | 0.6  | 0.0  |
| 0.0  | 0.0  | 0.4  | 0.1  | 0.2  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.2  | 0.4  | 0.2  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.3  | 0.1  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.8  | 0.3  | 0.1  | 0.6  | 0.0  |
| 6.2  | 6.9  | 7.3  | 7.8  | 10.2 | 6.4  | 3.6  |
| 0.0  | 0.0  | 1.0  | 0.7  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.4  | 0.3  | 0.7  | 1.1  | 0.2  | 1.4  | 0.0  |
| 0.1  | 0.0  | 1.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 19.0 | 19.7 | 23.4 | 24.5 | 27.7 | 27.6 | 25.9 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3.6  | 5.6  | 5.0  | 5.5  | 5.9  | 6.5  | 4.7  |
| 0.0  | 0.3  | 0.3  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.6  | 1.3  | 3.2  | 4.0  | 0.9  | 1.6  | 0.0  |
| 0.1  | 0.1  | 0.3  | 0.4  | 0.2  | 0.2  | 0.2  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 9.9  | 12.0 | 14.0 | 14.4 | 11.7 | 14.2 | 10.7 |
| 0.8  | 0.7  | 1.0  | 0.7  | 0.4  | 0.9  | 1.2  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.1  | 0.0  |
| 13.5 | 15.2 | 17.8 | 18.1 | 19.0 | 17.0 | 12.9 |
| 20.1 | 18.9 | 20.4 | 22.8 | 20.4 | 18.9 | 23.4 |
| 0.1  | 0.1  | 0.8  | 0.7  | 0.2  | 0.0  | 0.0  |
| 0.1  | 0.3  | 0.8  | 0.3  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.1  | 0.3  | 0.3  | 0.1  | 0.0  | 0.0  |
| 8.0  | 11.9 | 6.5  | 5.9  | 8.7  | 12.4 | 7.5  |
| 11.7 | 16.3 | 15.1 | 16.2 | 15.5 | 17.8 | 14.8 |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 19.5 | 22.6 | 25.5 | 24.9 | 30.5 | 28.0 | 25.2 |
| 1.1  | 2.2  | 2.8  | 2.8  | 2.0  | 3.4  | 1.2  |
| 2.9  | 3.1  | 3.3  | 3.2  | 3.7  | 4.7  | 1.2  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.2  | 0.1  | 0.0  |
| 10.4 | 6.3  | 10.3 | 14.1 | 11.2 | 11.1 | 22.4 |
| 5.8  | 4.7  | 4.8  | 5.7  | 5.1  | 4.3  | 2.8  |
| 7.5  | 10.2 | 13.1 | 11.2 | 8.1  | 9.7  | 5.0  |
| 0.1  | 0.0  | 1.0  | 0.2  | 0.1  | 0.3  | 0.0  |
| 0.1  | 0.1  | 1.1  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.7  | 0.4  | 0.2  | 0.4  | 0.0  |
| 13.4 | 15.3 | 27.0 | 34.1 | 27.9 | 15.2 | 17.4 |
| 0.1  | 0.1  | 0.5  | 0.7  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.4  | 0.5  | 0.7  | 0.1  | 0.2  | 0.0  |
| 0.4  | 0.5  | 1.1  | 0.9  | 0.7  | 0.9  | 0.3  |
| 0.4  | 0.6  | 0.7  | 1.5  | 0.7  | 1.6  | 0.0  |
| 0.0  | 0.5  | 0.5  | 0.8  | 0.0  | 0.6  | 0.0  |
| 3.1  | 4.2  | 5.2  | 5.6  | 4.8  | 4.9  | 3.1  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.0  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.3  | 0.0  | 0.0  | 0.0  |
| 22.6 | 28.2 | 20.1 | 20.6 | 33.5 | 26.6 | 13.7 |
| 1.6  | 2.5  | 1.9  | 1.7  | 2.6  | 2.6  | 2.2  |
| 9.8  | 13.1 | 11.3 | 15.7 | 10.3 | 13.5 | 14.3 |
| 0.2  | 0.2  | 0.3  | 0.4  | 0.4  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2.4  | 2.5  | 2.4  | 2.3  | 3.4  | 2.8  | 1.1  |
| 0.3  | 0.3  | 1.1  | 0.6  | 0.5  | 0.3  | 0.2  |
| 0.9  | 1.1  | 2.4  | 1.5  | 0.5  | 1.1  | 1.1  |
| 4.7  | 3.6  | 7.6  | 8.9  | 5.0  | 4.0  | 3.0  |
| 10.6 | 10.7 | 16.5 | 17.7 | 13.2 | 14.7 | 15.4 |
| 0.0  | 0.0  | 0.3  | 0.3  | 0.0  | 0.5  | 0.0  |
| 4.5  | 4.0  | 8.5  | 7.8  | 5.7  | 6.1  | 4.8  |
| 17.1 | 19.6 | 14.5 | 12.9 | 23.0 | 20.5 | 6.0  |
| 0.0  | 0.0  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  |
| 2.0  | 1.4  | 3.4  | 2.8  | 1.9  | 2.0  | 1.4  |
| 15.3 | 21.4 | 14.1 | 13.3 | 27.8 | 26.4 | 6.3  |
| 0.1  | 0.2  | 0.6  | 0.6  | 0.2  | 0.6  | 0.0  |
| 0.2  | 0.1  | 0.0  | 0.0  | 0.1  | 0.2  | 0.0  |
| 4.9  | 7.0  | 7.7  | 9.9  | 11.1 | 6.7  | 3.6  |
| 0.3  | 0.1  | 0.5  | 0.7  | 0.0  | 1.4  | 0.3  |
| 0.0  | 0.2  | 0.6  | 0.5  | 0.1  | 1.0  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.0  | 0.2  | 0.5  | 0.0  |
| 5.4  | 7.2  | 10.1 | 9.4  | 8.1  | 6.8  | 13.1 |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 2.5  | 2.8  | 2.8  | 2.8  | 3.3  | 2.6  | 2.9  |

|      |       |      |      |      |      |      |
|------|-------|------|------|------|------|------|
| 2.6  | 4.0   | 3.0  | 2.9  | 3.3  | 2.7  | 4.6  |
| 0.2  | 0.2   | 0.0  | 0.4  | 0.1  | 0.8  | 1.5  |
| 1.4  | 2.8   | 2.5  | 3.9  | 2.5  | 2.5  | 2.7  |
| 1.8  | 1.7   | 0.7  | 0.8  | 1.9  | 1.8  | 0.5  |
| 0.7  | 1.5   | 1.9  | 1.6  | 2.2  | 2.6  | 1.0  |
| 0.9  | 1.1   | 0.7  | 1.0  | 1.1  | 1.2  | 1.8  |
| 0.0  | 0.0   | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 4.4  | 4.0   | 5.8  | 6.2  | 5.0  | 5.5  | 5.9  |
| 0.0  | 0.1   | 0.4  | 0.4  | 0.1  | 0.2  | 0.0  |
| 0.1  | 0.0   | 0.3  | 0.2  | 0.0  | 0.3  | 0.0  |
| 9.4  | 9.1   | 11.1 | 12.0 | 11.1 | 8.7  | 16.3 |
| 0.2  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 20.0 | 15.6  | 21.3 | 28.0 | 25.1 | 24.2 | 37.5 |
| 1.4  | 1.3   | 1.5  | 1.9  | 1.6  | 1.7  | 2.0  |
| 0.1  | 0.1   | 0.5  | 0.6  | 0.3  | 0.2  | 0.0  |
| 0.8  | 1.9   | 3.3  | 3.4  | 1.7  | 2.7  | 1.5  |
| 0.0  | 0.0   | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  |
| 0.1  | 0.2   | 0.2  | 0.3  | 0.1  | 0.2  | 0.0  |
| 7.4  | 5.9   | 7.1  | 7.6  | 5.4  | 7.8  | 9.7  |
| 4.6  | 5.0   | 8.1  | 8.9  | 6.9  | 7.7  | 6.8  |
| 3.1  | 5.8   | 9.1  | 9.0  | 6.7  | 5.8  | 3.4  |
| 0.0  | 0.0   | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 4.4  | 5.3   | 4.5  | 4.2  | 3.5  | 6.1  | 2.1  |
| 12.4 | 14.8  | 19.0 | 22.4 | 16.7 | 18.5 | 20.5 |
| 5.0  | 8.1   | 7.0  | 5.5  | 8.8  | 8.5  | 3.6  |
| 6.1  | 8.6   | 12.3 | 9.7  | 8.3  | 10.0 | 5.9  |
| 0.2  | 0.2   | 0.2  | 0.2  | 0.6  | 0.3  | 0.0  |
| 72.9 | 103.6 | 88.4 | 99.1 | 94.5 | 82.5 | 83.6 |
| 1.3  | 0.6   | 0.6  | 0.7  | 0.1  | 0.3  | 1.0  |
| 5.9  | 5.0   | 12.4 | 11.4 | 11.2 | 13.4 | 2.6  |
| 3.9  | 6.8   | 5.7  | 8.5  | 6.7  | 6.1  | 8.3  |
| 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 9.2  | 8.4   | 16.0 | 20.9 | 16.3 | 15.5 | 26.0 |
| 0.0  | 0.0   | 0.2  | 0.3  | 0.2  | 0.0  | 0.0  |
| 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0   | 0.1  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0   | 0.4  | 0.2  | 0.0  | 0.0  | 1.8  |
| 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.5  | 0.0   | 1.5  | 0.2  | 0.5  | 1.5  | 0.0  |
| 0.0  | 0.0   | 0.3  | 0.1  | 0.0  | 0.0  | 0.0  |
| 1.4  | 1.7   | 2.2  | 0.7  | 2.2  | 1.5  | 1.2  |
| 18.0 | 18.0  | 20.5 | 23.9 | 20.5 | 18.4 | 16.5 |
| 0.6  | 1.3   | 1.9  | 1.9  | 1.1  | 1.9  | 1.9  |
| 0.5  | 0.4   | 0.9  | 0.9  | 0.8  | 0.6  | 0.1  |
| 7.2  | 6.4   | 7.0  | 6.7  | 7.6  | 7.6  | 11.2 |
| 2.3  | 2.8   | 2.4  | 2.1  | 2.4  | 2.9  | 3.2  |
| 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.2  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 2.2  | 2.5  | 4.2  | 3.5  | 2.8  | 2.5  | 5.5  |
| 45.5 | 36.3 | 41.9 | 50.4 | 48.4 | 45.8 | 47.1 |
| 0.3  | 0.1  | 0.5  | 0.5  | 0.2  | 0.3  | 0.0  |
| 9.1  | 12.8 | 9.9  | 9.9  | 17.8 | 11.5 | 3.8  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.1  | 0.2  | 1.0  | 0.1  | 0.2  | 0.0  |
| 0.8  | 1.9  | 3.9  | 3.5  | 1.6  | 2.5  | 0.7  |
| 1.8  | 2.4  | 2.0  | 1.9  | 2.6  | 2.3  | 1.8  |
| 6.2  | 5.1  | 8.6  | 11.1 | 11.3 | 7.0  | 13.1 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.4  | 0.0  | 0.0  |
| 23.6 | 27.1 | 24.2 | 27.4 | 27.4 | 27.2 | 29.6 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2.3  | 1.2  | 2.1  | 2.3  | 2.1  | 2.2  | 3.3  |
| 8.8  | 11.9 | 10.6 | 9.5  | 11.6 | 10.5 | 4.0  |
| 7.6  | 10.4 | 9.1  | 9.5  | 8.6  | 8.4  | 5.1  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 1.3  | 1.9  | 1.8  | 1.9  | 2.0  | 1.5  | 1.4  |
| 0.0  | 0.0  | 0.3  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.5  | 0.7  | 0.6  | 0.7  | 0.6  | 0.3  |
| 6.7  | 8.5  | 5.6  | 6.5  | 9.8  | 8.9  | 3.2  |
| 0.1  | 0.2  | 0.1  | 0.1  | 0.0  | 0.2  | 0.1  |
| 5.5  | 9.2  | 7.8  | 7.5  | 8.2  | 9.8  | 7.9  |
| 10.4 | 18.8 | 17.3 | 13.1 | 13.4 | 17.9 | 18.5 |
| 3.5  | 4.7  | 5.8  | 5.6  | 4.4  | 6.3  | 5.7  |
| 0.2  | 0.2  | 0.8  | 0.5  | 0.2  | 0.3  | 0.0  |
| 2.2  | 3.2  | 5.2  | 5.7  | 3.0  | 4.1  | 3.2  |
| 27.9 | 48.2 | 45.8 | 51.9 | 40.7 | 41.1 | 26.9 |
| 0.8  | 0.8  | 1.2  | 1.0  | 0.4  | 1.3  | 0.0  |
| 23.6 | 35.7 | 31.7 | 34.6 | 37.1 | 34.6 | 19.5 |
| 0.0  | 0.0  | 1.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 4.4  | 2.2  | 0.0  | 0.0  | 3.8  | 7.8  | 0.0  |
| 0.0  | 0.0  | 2.6  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2.9  | 2.2  | 0.0  | 2.6  | 2.5  | 3.9  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 8.7  | 0.0  | 4.4  | 0.0  | 11.3 | 0.0  | 0.0  |
| 0.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 1.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

|      |     |      |      |      |      |      |
|------|-----|------|------|------|------|------|
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2.9  | 1.1 | 0.0  | 1.3  | 0.0  | 11.7 | 0.0  |
| 0.0  | 0.0 | 0.0  | 1.5  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 5.1  | 4.4 | 0.0  | 2.6  | 2.5  | 0.0  | 0.0  |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0 | 3.9  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 5.1  | 7.7 | 4.4  | 0.0  | 1.3  | 7.8  | 0.0  |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 9.7  | 8.5 | 10.8 | 13.0 | 10.6 | 14.3 | 21.0 |
| 7.9  | 3.3 | 2.2  | 2.6  | 1.2  | 1.9  | 0.0  |
| 13.8 | 0.0 | 0.0  | 5.2  | 0.0  | 7.8  | 2.7  |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0 | 2.6  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1 | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 4.5  | 5.7 | 1.1  | 0.0  | 10.4 | 4.0  | 5.6  |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1 | 0.1  | 0.4  | 0.2  | 0.4  | 0.2  |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 9.4  | 0.0 | 6.6  | 0.0  | 2.5  | 3.9  | 0.0  |
| 0.0  | 0.1 | 0.1  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.1  | 0.0 | 0.4  | 0.5  | 0.6  | 0.0  | 0.0  |
| 0.0  | 1.1 | 2.3  | 1.4  | 0.0  | 2.0  | 0.0  |
| 0.4  | 0.4 | 0.8  | 0.7  | 0.5  | 0.9  | 0.6  |
| 1.5  | 3.3 | 4.1  | 3.9  | 2.8  | 3.5  | 5.1  |
| 0.1  | 0.0 | 0.2  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.6  | 0.5 | 0.5  | 0.6  | 1.2  | 1.1  | 0.0  |



|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.3  | 0.0  |
| 1.9  | 2.6  | 1.7  | 1.9  | 2.1  | 2.8  | 3.1  |
| 0.1  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 3.4  | 4.5  | 5.1  | 5.7  | 3.7  | 5.7  | 6.5  |
| 0.1  | 0.1  | 0.3  | 0.2  | 0.1  | 0.2  | 0.1  |
| 0.0  | 0.1  | 0.4  | 0.2  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.4  | 0.3  | 0.2  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  |
| 4.6  | 6.6  | 5.2  | 4.2  | 7.4  | 6.8  | 3.9  |
| 0.3  | 0.6  | 0.8  | 0.6  | 0.2  | 0.6  | 0.0  |
| 2.2  | 2.9  | 2.7  | 3.1  | 2.8  | 3.6  | 3.5  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.0  | 0.1  | 0.0  |
| 5.7  | 6.2  | 7.2  | 8.0  | 8.3  | 7.7  | 7.3  |
| 4.0  | 4.3  | 4.0  | 5.8  | 4.0  | 3.6  | 1.9  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 5.7  | 6.6  | 9.9  | 10.2 | 8.9  | 8.1  | 8.1  |
| 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 5.6  | 7.4  | 5.3  | 7.1  | 3.5  | 4.7  | 8.1  |
| 0.1  | 0.0  | 0.1  | 0.1  | 0.0  | 0.3  | 0.0  |
| 0.2  | 0.1  | 0.1  | 0.1  | 0.2  | 0.3  | 0.0  |
| 2.9  | 2.5  | 2.1  | 2.9  | 3.3  | 2.8  | 5.8  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  |
| 1.7  | 2.0  | 0.7  | 1.5  | 1.3  | 1.6  | 2.3  |
| 0.1  | 0.5  | 1.6  | 1.4  | 0.8  | 0.8  | 0.5  |
| 0.2  | 0.3  | 0.7  | 0.6  | 0.3  | 0.3  | 0.0  |
| 1.4  | 1.6  | 3.2  | 2.0  | 1.5  | 1.0  | 0.0  |
| 2.4  | 2.6  | 2.7  | 2.8  | 2.1  | 2.2  | 4.4  |
| 0.1  | 0.1  | 0.2  | 0.1  | 0.1  | 0.2  | 0.1  |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  |
| 0.1  | 0.1  | 0.3  | 0.3  | 0.1  | 0.3  | 0.0  |
| 0.5  | 0.5  | 0.6  | 0.7  | 0.6  | 0.5  | 0.8  |
| 6.5  | 8.1  | 9.4  | 10.4 | 8.8  | 10.8 | 13.4 |
| 2.9  | 3.7  | 4.1  | 4.2  | 3.2  | 3.5  | 3.2  |
| 0.1  | 0.1  | 0.9  | 0.2  | 0.0  | 0.0  | 0.0  |
| 3.4  | 5.9  | 6.9  | 6.6  | 5.5  | 6.8  | 1.3  |
| 0.4  | 0.3  | 0.4  | 0.4  | 0.5  | 0.2  | 0.1  |
| 0.1  | 0.2  | 0.4  | 0.7  | 0.3  | 0.7  | 0.0  |
| 0.1  | 0.0  | 0.5  | 0.5  | 0.0  | 0.1  | 0.0  |
| 8.5  | 10.5 | 10.6 | 13.4 | 14.2 | 14.0 | 16.2 |
| 4.6  | 4.7  | 5.0  | 5.9  | 4.9  | 4.0  | 5.8  |
| 4.9  | 5.3  | 7.3  | 6.5  | 6.2  | 6.3  | 7.9  |
| 6.5  | 4.9  | 3.3  | 4.1  | 9.8  | 7.1  | 1.5  |
| 0.6  | 0.6  | 1.5  | 0.6  | 0.6  | 1.5  | 0.0  |
| 62.1 | 80.8 | 68.1 | 86.5 | 65.7 | 73.8 | 68.5 |
| 0.2  | 0.1  | 0.3  | 1.0  | 0.5  | 0.5  | 0.0  |
| 0.1  | 0.0  | 0.3  | 0.7  | 0.2  | 0.1  | 0.0  |

|      |      |       |       |      |       |       |
|------|------|-------|-------|------|-------|-------|
| 24.5 | 21.1 | 36.7  | 40.2  | 28.7 | 25.4  | 30.9  |
| 0.1  | 0.2  | 0.7   | 0.7   | 0.0  | 0.0   | 0.0   |
| 2.6  | 3.9  | 5.0   | 4.1   | 4.9  | 4.0   | 1.9   |
| 9.9  | 13.8 | 12.4  | 14.1  | 10.2 | 13.0  | 10.5  |
| 0.0  | 0.0  | 0.0   | 0.0   | 0.0  | 0.2   | 0.0   |
| 9.6  | 13.7 | 12.5  | 14.5  | 13.1 | 14.2  | 11.8  |
| 3.1  | 5.1  | 5.4   | 6.4   | 4.2  | 5.3   | 6.4   |
| 0.4  | 1.1  | 0.3   | 0.5   | 0.5  | 0.7   | 1.6   |
| 0.1  | 0.0  | 0.5   | 0.4   | 0.1  | 0.3   | 0.0   |
| 2.5  | 3.5  | 2.8   | 3.5   | 3.4  | 4.5   | 2.1   |
| 0.5  | 0.4  | 0.9   | 0.5   | 0.3  | 0.4   | 0.2   |
| 3.3  | 3.3  | 2.8   | 3.0   | 4.6  | 4.4   | 4.2   |
| 3.3  | 5.1  | 7.8   | 6.8   | 5.3  | 5.6   | 3.7   |
| 1.1  | 0.5  | 1.2   | 1.0   | 0.4  | 0.3   | 2.3   |
| 0.0  | 0.0  | 0.0   | 0.0   | 0.0  | 0.0   | 0.0   |
| 0.1  | 0.1  | 0.5   | 0.2   | 0.0  | 0.2   | 0.0   |
| 0.1  | 0.1  | 0.1   | 0.1   | 0.1  | 0.2   | 0.0   |
| 0.1  | 0.2  | 0.5   | 0.4   | 0.4  | 0.4   | 0.0   |
| 0.1  | 0.0  | 0.0   | 0.0   | 0.0  | 0.6   | 0.0   |
| 0.8  | 0.8  | 0.0   | 0.0   | 0.4  | 0.6   | 0.0   |
| 0.3  | 0.7  | 1.1   | 0.5   | 0.6  | 0.6   | 0.0   |
| 7.8  | 7.6  | 12.5  | 9.9   | 9.3  | 11.9  | 12.1  |
| 5.5  | 12.9 | 11.5  | 12.9  | 10.5 | 8.5   | 11.8  |
| 74.5 | 97.9 | 100.5 | 110.0 | 91.0 | 100.9 | 132.9 |
| 0.3  | 0.7  | 0.9   | 0.4   | 0.8  | 1.0   | 0.4   |
| 0.9  | 1.3  | 1.1   | 0.6   | 1.7  | 0.8   | 1.3   |
| 3.0  | 2.6  | 5.7   | 3.7   | 2.4  | 2.6   | 4.2   |
| 0.0  | 0.0  | 0.0   | 0.0   | 0.0  | 0.0   | 0.0   |
| 0.1  | 0.1  | 0.5   | 0.2   | 0.1  | 0.2   | 0.0   |
| 0.3  | 0.1  | 0.3   | 0.5   | 0.3  | 0.2   | 0.0   |
| 0.1  | 0.0  | 0.2   | 0.3   | 0.1  | 0.3   | 0.0   |
| 0.0  | 0.0  | 0.5   | 0.1   | 0.1  | 0.3   | 0.0   |
| 4.4  | 5.8  | 5.3   | 7.7   | 4.7  | 9.1   | 10.1  |
| 3.0  | 3.2  | 3.5   | 4.3   | 4.6  | 3.3   | 1.9   |
| 0.6  | 1.1  | 1.2   | 1.3   | 1.6  | 2.2   | 1.7   |
| 0.3  | 0.4  | 0.4   | 0.6   | 0.9  | 0.6   | 0.0   |
| 0.0  | 0.1  | 0.1   | 0.1   | 0.1  | 0.1   | 0.0   |
| 2.3  | 2.8  | 3.8   | 5.4   | 3.8  | 2.9   | 2.5   |
| 2.4  | 1.3  | 1.3   | 1.1   | 1.2  | 1.8   | 0.2   |
| 3.4  | 4.3  | 2.9   | 3.2   | 5.3  | 5.1   | 1.0   |
| 0.0  | 0.0  | 0.2   | 0.2   | 0.0  | 0.1   | 0.0   |
| 0.1  | 0.1  | 0.2   | 0.2   | 0.0  | 0.0   | 0.0   |
| 3.1  | 4.0  | 2.9   | 3.3   | 5.3  | 5.1   | 2.7   |
| 6.4  | 8.6  | 10.1  | 10.0  | 9.2  | 9.8   | 11.9  |
| 0.0  | 0.0  | 0.0   | 0.0   | 0.0  | 0.0   | 0.0   |
| 39.5 | 51.1 | 46.6  | 51.1  | 48.4 | 55.5  | 48.0  |
| 4.9  | 7.4  | 7.7   | 7.4   | 8.0  | 6.3   | 5.4   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.2  | 0.1  | 1.2  | 0.7  | 0.4  | 0.0  | 0.0  |
| 5.2  | 8.3  | 8.6  | 8.4  | 10.2 | 7.1  | 5.1  |
| 5.4  | 8.7  | 4.8  | 4.7  | 6.6  | 8.1  | 4.8  |
| 4.9  | 9.5  | 7.5  | 7.7  | 9.8  | 10.1 | 6.1  |
| 2.4  | 3.9  | 6.3  | 7.0  | 4.0  | 4.0  | 1.3  |
| 12.5 | 12.4 | 11.3 | 18.9 | 17.5 | 9.9  | 14.3 |
| 5.1  | 7.0  | 4.8  | 8.0  | 8.8  | 8.2  | 17.0 |
| 55.5 | 62.2 | 70.6 | 64.1 | 62.4 | 51.0 | 54.3 |
| 3.4  | 5.0  | 3.8  | 3.1  | 6.7  | 4.9  | 1.4  |
| 0.4  | 0.4  | 2.3  | 1.7  | 0.4  | 1.2  | 0.6  |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.1  | 0.2  | 0.0  |
| 4.3  | 6.5  | 6.3  | 6.7  | 10.9 | 5.2  | 4.1  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3.0  | 3.0  | 2.9  | 3.4  | 2.9  | 3.5  | 3.7  |
| 13.3 | 19.9 | 19.8 | 21.2 | 19.0 | 19.1 | 22.4 |
| 1.1  | 1.3  | 0.7  | 0.8  | 0.9  | 1.0  | 1.1  |
| 5.9  | 6.4  | 6.1  | 6.2  | 9.6  | 8.0  | 3.0  |
| 0.1  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 1.4  |
| 0.6  | 1.0  | 0.8  | 0.8  | 0.9  | 1.2  | 2.5  |
| 2.1  | 1.8  | 5.6  | 4.4  | 3.6  | 3.0  | 2.5  |
| 4.5  | 6.0  | 6.5  | 6.8  | 6.8  | 5.4  | 5.4  |
| 0.0  | 0.0  | 0.3  | 0.3  | 0.2  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.3  | 0.2  | 0.0  | 0.4  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.4  | 0.1  | 0.2  | 0.0  |
| 13.2 | 8.8  | 12.2 | 15.6 | 13.8 | 12.1 | 31.0 |
| 2.6  | 1.4  | 2.7  | 3.0  | 2.4  | 3.4  | 2.7  |
| 0.3  | 0.4  | 0.4  | 0.3  | 0.4  | 0.2  | 0.8  |
| 7.8  | 7.8  | 10.5 | 12.4 | 12.1 | 10.5 | 15.8 |
| 19.1 | 20.9 | 19.8 | 18.2 | 25.3 | 19.4 | 19.6 |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.8  |
| 34.2 | 34.7 | 32.0 | 51.6 | 34.2 | 33.4 | 48.6 |
| 4.5  | 5.4  | 9.5  | 10.6 | 10.2 | 7.7  | 3.9  |
| 0.3  | 0.6  | 2.0  | 1.6  | 0.7  | 1.2  | 0.9  |
| 1.2  | 0.7  | 1.8  | 0.6  | 0.2  | 1.2  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.3  | 0.0  | 0.4  | 0.0  |
| 2.3  | 5.5  | 4.7  | 5.9  | 5.6  | 7.0  | 2.6  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.2  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.2  | 0.7  | 0.5  | 0.2  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.0  | 0.7  | 0.4  | 0.4  | 0.0  |
| 1.2  | 1.1  | 2.7  | 2.6  | 1.7  | 1.7  | 2.4  |
| 3.6  | 2.5  | 2.2  | 5.0  | 3.1  | 3.3  | 5.8  |
| 3.9  | 2.9  | 4.8  | 3.0  | 5.7  | 2.6  | 1.5  |
| 1.3  | 0.8  | 1.7  | 1.9  | 1.7  | 0.7  | 3.5  |
| 3.8  | 4.9  | 7.5  | 5.1  | 3.7  | 5.3  | 3.3  |
| 0.4  | 0.4  | 0.5  | 1.0  | 0.1  | 0.3  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 6.8  | 9.2  | 11.0 | 12.7 | 10.6 | 6.9  | 3.8  |
| 0.7  | 0.9  | 1.0  | 1.2  | 1.5  | 1.3  | 0.0  |
| 14.7 | 15.5 | 24.6 | 25.2 | 20.8 | 23.4 | 17.7 |
| 9.5  | 8.4  | 8.9  | 8.2  | 8.9  | 9.1  | 9.6  |
| 2.0  | 2.9  | 4.8  | 4.9  | 3.9  | 4.2  | 1.6  |
| 1.3  | 1.2  | 2.0  | 1.6  | 1.7  | 2.3  | 1.6  |
| 0.4  | 0.8  | 0.5  | 0.7  | 0.6  | 1.8  | 0.6  |
| 0.0  | 0.0  | 0.5  | 0.1  | 0.0  | 0.1  | 0.0  |
| 2.4  | 3.6  | 3.0  | 2.9  | 1.9  | 3.4  | 3.0  |
| 2.5  | 5.1  | 5.6  | 6.6  | 4.3  | 7.8  | 1.6  |
| 4.8  | 5.3  | 4.9  | 6.6  | 6.5  | 6.7  | 11.4 |
| 1.9  | 1.1  | 1.8  | 1.8  | 1.9  | 1.8  | 5.0  |
| 6.9  | 7.3  | 10.4 | 9.5  | 8.9  | 7.0  | 4.0  |
| 1.8  | 1.7  | 2.2  | 1.6  | 1.6  | 1.9  | 0.8  |
| 14.0 | 12.1 | 14.8 | 14.3 | 17.8 | 15.9 | 7.2  |
| 0.3  | 0.8  | 0.1  | 0.6  | 0.3  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.4  | 0.3  | 0.0  | 0.2  | 0.0  |
| 40.6 | 39.2 | 47.0 | 47.5 | 49.8 | 41.3 | 34.4 |
| 2.2  | 1.9  | 4.0  | 3.1  | 2.7  | 1.9  | 1.3  |
| 0.0  | 0.0  | 0.5  | 0.3  | 0.3  | 0.1  | 0.0  |
| 28.9 | 25.8 | 15.7 | 13.6 | 22.6 | 30.1 | 11.9 |
| 9.1  | 13.0 | 7.2  | 7.2  | 9.4  | 17.5 | 5.6  |
| 0.9  | 0.7  | 0.8  | 0.5  | 1.1  | 1.7  | 1.9  |
| 14.2 | 30.4 | 26.7 | 28.8 | 29.6 | 29.3 | 15.6 |
| 0.0  | 0.0  | 0.3  | 0.1  | 0.1  | 0.0  | 0.0  |
| 6.9  | 12.1 | 7.4  | 7.6  | 12.8 | 14.8 | 5.6  |
| 12.0 | 12.7 | 10.8 | 11.9 | 12.2 | 13.8 | 18.1 |
| 8.1  | 5.6  | 6.6  | 7.3  | 8.3  | 9.2  | 8.6  |
| 1.0  | 0.2  | 0.3  | 0.9  | 1.1  | 1.1  | 1.7  |
| 8.4  | 12.7 | 21.2 | 20.3 | 15.0 | 15.2 | 16.3 |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.6  | 0.0  | 0.0  |
| 8.1  | 7.8  | 8.4  | 12.5 | 9.5  | 7.6  | 14.5 |
| 0.2  | 0.0  | 0.6  | 0.1  | 0.1  | 0.4  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.4  | 0.0  | 0.0  | 0.0  |
| 11.9 | 20.2 | 17.2 | 25.2 | 15.9 | 18.9 | 19.1 |
| 8.6  | 9.8  | 11.2 | 12.5 | 11.2 | 8.6  | 9.7  |
| 4.5  | 0.0  | 0.0  | 2.7  | 2.6  | 8.1  | 0.0  |
| 2.1  | 3.4  | 4.3  | 3.9  | 4.6  | 3.7  | 3.5  |
| 0.3  | 0.2  | 1.0  | 0.6  | 0.5  | 0.4  | 0.0  |
| 6.2  | 7.6  | 4.9  | 4.4  | 6.3  | 4.5  | 1.2  |
| 0.1  | 0.1  | 0.5  | 0.0  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.0  |
| 12.5 | 17.9 | 17.4 | 18.2 | 15.4 | 19.9 | 13.4 |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.1  | 0.0  | 0.0  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.9   | 1.7   | 1.3   | 1.8   | 2.0   | 1.8   | 1.6   |
| 1.5   | 2.6   | 3.3   | 3.8   | 3.4   | 3.2   | 3.4   |
| 0.2   | 0.0   | 0.2   | 0.2   | 0.1   | 0.0   | 0.0   |
| 121.3 | 198.7 | 164.3 | 180.1 | 137.9 | 165.6 | 194.4 |
| 0.0   | 0.2   | 0.4   | 1.0   | 0.0   | 0.1   | 0.0   |
| 3.0   | 4.5   | 4.6   | 1.3   | 2.6   | 2.0   | 14.1  |
| 2.2   | 0.0   | 0.0   | 5.4   | 1.3   | 4.0   | 0.0   |
| 0.1   | 0.1   | 0.4   | 0.3   | 0.1   | 0.3   | 0.0   |
| 3.0   | 1.1   | 0.0   | 0.0   | 0.0   | 4.0   | 0.0   |
| 0.7   | 0.0   | 0.0   | 0.0   | 1.3   | 2.0   | 2.8   |
| 12.0  | 2.3   | 0.0   | 2.7   | 1.3   | 6.0   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.2   | 0.0   | 0.0   | 0.0   |
| 3.0   | 3.4   | 0.0   | 1.3   | 0.0   | 2.0   | 0.0   |
| 1.5   | 0.0   | 2.3   | 1.3   | 3.9   | 0.0   | 0.0   |
| 5.2   | 2.3   | 1.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 2.0   | 0.0   |
| 1.5   | 3.4   | 2.3   | 2.7   | 5.2   | 2.0   | 0.0   |
| 5.2   | 1.1   | 2.3   | 1.3   | 9.1   | 2.0   | 0.0   |
| 9.7   | 0.0   | 1.1   | 1.3   | 11.6  | 0.0   | 0.0   |
| 6.5   | 2.2   | 1.1   | 1.3   | 1.2   | 13.5  | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.5   | 3.4   | 0.0   | 0.0   | 0.0   | 8.1   | 0.0   |
| 0.1   | 0.1   | 0.3   | 0.1   | 0.1   | 0.0   | 0.0   |
| 0.4   | 0.4   | 0.4   | 0.4   | 0.5   | 0.6   | 0.1   |
| 3.5   | 4.8   | 3.6   | 3.1   | 6.5   | 3.3   | 8.6   |
| 13.8  | 7.4   | 16.0  | 18.5  | 14.9  | 12.9  | 9.4   |
| 3.9   | 5.8   | 8.1   | 6.7   | 5.3   | 7.1   | 2.0   |
| 0.0   | 0.1   | 0.2   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.1   | 0.3   | 0.3   | 0.1   | 0.2   | 0.0   |
| 3.4   | 5.0   | 8.6   | 5.3   | 4.1   | 6.6   | 2.4   |
| 0.9   | 0.9   | 1.3   | 1.1   | 1.3   | 0.3   | 2.2   |
| 1.3   | 1.9   | 1.7   | 1.7   | 1.9   | 2.0   | 0.9   |
| 2.3   | 2.6   | 2.9   | 4.3   | 3.0   | 3.2   | 1.9   |
| 11.7  | 12.3  | 10.6  | 8.7   | 8.5   | 15.6  | 8.8   |
| 0.4   | 0.9   | 0.6   | 0.6   | 1.1   | 1.3   | 0.0   |
| 1.6   | 1.9   | 2.8   | 3.1   | 2.5   | 2.3   | 2.5   |
| 0.8   | 1.0   | 1.6   | 1.3   | 1.0   | 1.4   | 1.2   |
| 25.4  | 21.4  | 23.2  | 29.5  | 26.5  | 28.3  | 34.1  |
| 2.6   | 2.6   | 1.5   | 1.6   | 3.1   | 2.4   | 2.1   |
| 0.9   | 0.9   | 1.0   | 0.8   | 1.1   | 2.0   | 0.9   |
| 1.1   | 1.4   | 1.7   | 1.7   | 1.4   | 1.7   | 1.4   |
| 0.8   | 0.6   | 1.3   | 0.6   | 1.1   | 1.1   | 0.1   |
| 7.8   | 12.0  | 8.1   | 8.6   | 11.4  | 12.3  | 2.9   |
| 4.2   | 5.6   | 3.5   | 3.6   | 6.8   | 5.4   | 1.3   |
| 2.9   | 2.7   | 4.1   | 4.4   | 4.5   | 3.9   | 2.9   |
| 6.3   | 8.4   | 7.0   | 6.6   | 8.4   | 9.7   | 7.2   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2.1  | 1.7  | 3.1  | 3.6  | 3.9  | 2.6  | 1.6  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.7  | 1.6  | 2.1  | 2.1  | 1.3  | 2.0  | 0.4  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.4  | 1.2  | 1.7  | 1.8  | 0.9  | 1.4  | 0.1  |
| 24.9 | 43.3 | 39.5 | 42.7 | 40.4 | 36.8 | 36.5 |
| 0.5  | 0.3  | 0.8  | 0.7  | 0.2  | 0.7  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 7.7  | 7.1  | 8.4  | 9.5  | 8.9  | 10.0 | 12.3 |
| 0.1  | 0.1  | 0.4  | 0.1  | 0.0  | 0.1  | 0.0  |
| 1.9  | 1.9  | 1.2  | 1.5  | 2.6  | 2.4  | 0.4  |
| 0.0  | 0.1  | 0.5  | 0.1  | 0.0  | 0.0  | 0.0  |
| 1.0  | 1.5  | 2.2  | 2.0  | 1.5  | 1.9  | 2.3  |
| 9.9  | 7.9  | 7.8  | 9.4  | 7.9  | 12.8 | 11.3 |
| 0.3  | 0.5  | 1.0  | 0.2  | 0.3  | 0.5  | 0.0  |
| 0.9  | 2.2  | 4.7  | 3.8  | 2.0  | 4.0  | 0.9  |
| 0.0  | 0.0  | 0.3  | 0.1  | 0.1  | 0.3  | 0.0  |
| 2.3  | 3.5  | 8.6  | 6.5  | 4.9  | 5.1  | 2.5  |
| 11.2 | 17.5 | 14.8 | 14.1 | 16.6 | 19.3 | 10.1 |
| 2.2  | 3.7  | 4.6  | 4.1  | 4.0  | 3.3  | 5.7  |
| 3.0  | 3.2  | 3.8  | 5.1  | 5.2  | 4.4  | 3.6  |
| 0.2  | 0.1  | 0.2  | 0.3  | 0.2  | 0.2  | 0.3  |
| 2.0  | 5.9  | 8.7  | 9.3  | 3.1  | 7.2  | 1.6  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.9  | 3.5  | 2.4  | 2.9  | 2.4  | 4.0  | 4.9  |
| 5.7  | 7.5  | 10.1 | 11.2 | 12.2 | 10.0 | 4.7  |
| 2.8  | 3.0  | 2.1  | 2.1  | 3.8  | 4.0  | 4.9  |
| 0.1  | 0.1  | 0.5  | 0.4  | 0.0  | 0.1  | 0.2  |
| 0.0  | 0.2  | 0.0  | 0.2  | 0.0  | 0.3  | 0.0  |
| 10.0 | 10.8 | 11.0 | 11.9 | 11.5 | 12.3 | 12.2 |
| 3.9  | 5.1  | 4.6  | 4.2  | 4.3  | 4.8  | 6.8  |
| 0.0  | 0.1  | 0.0  | 0.2  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.6  | 0.0  | 0.0  | 0.0  |
| 7.2  | 8.4  | 5.1  | 5.1  | 10.1 | 7.8  | 2.2  |
| 0.4  | 0.4  | 1.3  | 1.0  | 0.6  | 0.9  | 0.9  |
| 0.3  | 0.3  | 0.4  | 0.3  | 0.2  | 0.3  | 0.6  |
| 5.5  | 5.6  | 6.4  | 7.0  | 6.8  | 5.0  | 8.1  |
| 0.0  | 0.0  | 0.2  | 0.3  | 0.0  | 0.0  | 0.0  |
| 1.5  | 1.8  | 2.0  | 1.6  | 2.9  | 2.1  | 0.0  |
| 0.1  | 0.1  | 0.4  | 0.4  | 0.2  | 0.2  | 0.0  |
| 4.8  | 5.4  | 6.2  | 7.0  | 6.2  | 6.3  | 5.1  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.2  | 0.0  | 0.0  |
| 19.1 | 28.4 | 27.6 | 33.4 | 26.1 | 27.8 | 34.7 |
| 3.8  | 5.0  | 2.8  | 3.1  | 5.8  | 5.8  | 1.1  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 4.4  | 3.5  | 3.2  | 3.2  | 5.9  | 5.3  | 1.4  |
| 0.1  | 0.2  | 0.5  | 0.3  | 0.1  | 0.4  | 0.3  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.3  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 10.5 | 11.7 | 11.4 | 11.4 | 17.1 | 12.4 | 7.5  |
| 0.7  | 1.1  | 1.1  | 1.4  | 1.3  | 1.3  | 0.2  |
| 2.8  | 5.6  | 8.6  | 7.1  | 4.7  | 8.5  | 2.1  |
| 2.9  | 3.2  | 4.2  | 4.4  | 4.2  | 3.7  | 3.1  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.1  | 0.0  | 0.0  |
| 4.1  | 8.4  | 6.2  | 7.7  | 8.5  | 7.5  | 5.0  |
| 0.1  | 0.1  | 0.5  | 0.2  | 0.0  | 0.0  | 0.0  |
| 14.5 | 12.3 | 13.9 | 18.5 | 14.6 | 13.0 | 8.4  |
| 3.6  | 4.4  | 8.8  | 9.0  | 6.8  | 8.6  | 4.0  |
| 0.1  | 0.2  | 0.3  | 0.1  | 0.0  | 0.6  | 0.0  |
| 0.1  | 0.3  | 0.8  | 0.3  | 0.0  | 1.0  | 0.0  |
| 16.5 | 23.8 | 20.2 | 17.3 | 17.4 | 25.4 | 14.5 |
| 13.9 | 19.2 | 19.1 | 19.8 | 15.4 | 17.1 | 17.5 |
| 0.1  | 0.1  | 0.7  | 0.5  | 0.3  | 0.2  | 0.0  |
| 1.2  | 1.8  | 2.4  | 3.1  | 2.0  | 2.3  | 4.4  |
| 5.0  | 7.0  | 5.7  | 7.3  | 7.8  | 7.6  | 3.8  |
| 6.7  | 13.2 | 10.6 | 7.3  | 16.2 | 12.2 | 0.5  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.2  | 0.0  |
| 0.1  | 0.2  | 0.2  | 0.9  | 0.3  | 0.1  | 0.0  |
| 1.2  | 2.9  | 6.0  | 4.1  | 3.4  | 4.1  | 1.9  |
| 2.9  | 3.3  | 3.7  | 3.2  | 3.8  | 4.5  | 4.7  |
| 0.4  | 0.7  | 0.4  | 0.3  | 0.6  | 0.3  | 0.5  |
| 10.7 | 8.4  | 15.1 | 21.8 | 18.8 | 13.2 | 20.8 |
| 0.1  | 0.0  | 0.9  | 0.8  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.2  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.2  | 0.0  | 0.4  | 0.0  |
| 0.0  | 0.3  | 0.0  | 0.4  | 0.0  | 0.0  | 0.0  |
| 3.4  | 4.3  | 4.2  | 4.5  | 4.7  | 4.8  | 5.3  |
| 4.6  | 4.8  | 5.5  | 6.0  | 7.1  | 5.0  | 2.9  |
| 2.0  | 1.9  | 2.4  | 3.0  | 1.9  | 3.5  | 3.0  |
| 3.8  | 4.5  | 4.9  | 5.0  | 4.1  | 7.2  | 8.6  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.1  | 0.1  |
| 0.3  | 0.5  | 0.4  | 0.3  | 0.7  | 1.0  | 0.0  |
| 3.9  | 4.5  | 5.2  | 6.1  | 7.3  | 5.6  | 1.9  |
| 3.3  | 2.9  | 3.6  | 4.3  | 4.1  | 3.6  | 3.6  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.2  | 0.0  |
| 0.1  | 0.3  | 0.2  | 0.7  | 0.3  | 0.8  | 0.0  |
| 0.1  | 0.1  | 0.3  | 0.4  | 0.6  | 0.5  | 0.0  |
| 0.1  | 0.2  | 0.0  | 0.8  | 0.0  | 1.5  | 0.0  |
| 0.0  | 0.1  | 0.4  | 0.3  | 0.3  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

|       |       |       |       |       |       |        |
|-------|-------|-------|-------|-------|-------|--------|
| 2.0   | 1.9   | 2.9   | 2.9   | 2.5   | 2.3   | 0.8    |
| 0.1   | 0.2   | 0.2   | 0.2   | 0.2   | 0.3   | 0.1    |
| 0.1   | 0.1   | 0.5   | 0.2   | 0.2   | 0.3   | 0.0    |
| 0.1   | 0.1   | 0.2   | 0.0   | 0.2   | 0.3   | 0.0    |
| 0.0   | 0.1   | 0.2   | 0.1   | 0.1   | 0.1   | 0.0    |
| 2.4   | 3.2   | 3.1   | 3.2   | 2.4   | 4.4   | 3.8    |
| 0.3   | 0.4   | 0.4   | 0.2   | 0.6   | 0.3   | 1.2    |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.1   | 0.1   | 0.0    |
| 16.5  | 33.1  | 29.4  | 31.9  | 22.5  | 31.8  | 26.2   |
| 18.6  | 11.8  | 17.3  | 23.2  | 21.2  | 18.7  | 30.6   |
| 0.1   | 0.1   | 0.1   | 0.2   | 0.0   | 0.0   | 0.0    |
| 12.0  | 13.6  | 18.4  | 16.1  | 12.2  | 15.6  | 24.0   |
| 14.1  | 17.8  | 22.0  | 26.2  | 24.4  | 24.7  | 22.2   |
| 45.9  | 41.4  | 52.3  | 52.9  | 48.7  | 41.8  | 44.0   |
| 0.7   | 0.9   | 1.5   | 1.1   | 1.0   | 2.0   | 0.8    |
| 4.7   | 6.0   | 8.6   | 8.0   | 6.6   | 5.8   | 5.2    |
| 0.7   | 0.8   | 0.2   | 0.4   | 1.0   | 0.3   | 1.1    |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.1   | 0.0   | 0.0    |
| 1.2   | 2.0   | 3.0   | 2.4   | 1.5   | 2.7   | 4.4    |
| 9.8   | 13.5  | 14.2  | 16.1  | 12.1  | 8.6   | 12.4   |
| 15.0  | 11.2  | 16.1  | 16.6  | 12.2  | 14.9  | 18.8   |
| 10.6  | 8.9   | 10.8  | 12.8  | 9.5   | 10.9  | 13.2   |
| 5.6   | 7.9   | 7.6   | 8.3   | 11.1  | 6.3   | 9.1    |
| 8.4   | 9.4   | 9.0   | 9.2   | 7.6   | 12.4  | 3.4    |
| 0.1   | 0.3   | 0.7   | 0.2   | 0.5   | 0.2   | 1.5    |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.0   | 0.1   | 0.0    |
| 0.1   | 0.0   | 0.2   | 0.2   | 0.1   | 0.0   | 0.0    |
| 0.0   | 0.1   | 0.2   | 0.3   | 0.1   | 0.1   | 0.0    |
| 0.1   | 0.1   | 0.3   | 0.2   | 0.2   | 0.1   | 0.0    |
| 0.0   | 0.0   | 0.2   | 0.3   | 0.0   | 0.3   | 0.0    |
| 0.0   | 0.1   | 0.2   | 0.3   | 0.1   | 0.1   | 0.0    |
| 0.1   | 0.1   | 0.2   | 0.2   | 0.1   | 0.4   | 0.0    |
| 0.1   | 0.1   | 0.2   | 0.2   | 0.0   | 0.1   | 0.0    |
| 0.0   | 0.1   | 0.2   | 0.5   | 0.0   | 0.0   | 0.0    |
| 0.1   | 0.1   | 0.2   | 0.2   | 0.1   | 0.3   | 0.0    |
| 0.1   | 0.1   | 0.3   | 0.2   | 0.0   | 0.0   | 0.0    |
| 0.1   | 0.1   | 0.3   | 0.2   | 0.1   | 0.1   | 0.0    |
| 0.3   | 0.7   | 1.9   | 1.7   | 0.5   | 1.2   | 0.0    |
| 824.7 | 800.0 | 813.6 | 861.8 | 888.0 | 877.1 | 1009.6 |
| 0.0   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    |
| 0.1   | 0.3   | 0.4   | 0.8   | 0.2   | 0.2   | 0.0    |
| 7.0   | 9.9   | 9.5   | 9.9   | 14.2  | 11.2  | 4.8    |
| 5.2   | 5.3   | 4.5   | 3.5   | 9.6   | 8.4   | 2.8    |
| 13.3  | 18.6  | 16.6  | 18.3  | 17.2  | 16.9  | 13.7   |
| 50.4  | 72.0  | 51.3  | 57.8  | 78.4  | 71.6  | 34.0   |
| 0.0   | 0.0   | 0.0   | 0.2   | 0.3   | 0.0   | 0.0    |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    |



|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.1   | 0.1   | 0.6   | 0.6   | 0.2   | 0.2   | 0.0   |
| 0.2   | 0.2   | 0.5   | 0.3   | 0.2   | 0.1   | 0.0   |
| 468.2 | 567.6 | 475.4 | 547.5 | 584.9 | 503.9 | 291.4 |
| 1.8   | 2.4   | 3.5   | 3.3   | 2.5   | 5.3   | 4.9   |
| 12.5  | 15.7  | 11.4  | 13.7  | 16.6  | 14.8  | 9.9   |
| 1.9   | 2.3   | 3.3   | 2.7   | 2.0   | 3.9   | 3.0   |
| 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.1   | 0.0   | 0.5   | 0.1   | 0.1   | 0.0   |
| 7.9   | 10.6  | 9.9   | 8.2   | 10.4  | 10.5  | 3.3   |
| 1.6   | 1.2   | 1.0   | 1.9   | 1.7   | 1.8   | 5.6   |
| 1.5   | 2.8   | 5.3   | 3.4   | 3.9   | 2.0   | 0.0   |
| 3.7   | 3.3   | 6.6   | 6.1   | 3.4   | 3.0   | 1.7   |
| 1.2   | 1.1   | 1.6   | 1.1   | 1.9   | 1.6   | 0.4   |
| 1.0   | 1.6   | 2.6   | 1.6   | 2.3   | 1.9   | 1.7   |
| 5.5   | 4.0   | 6.5   | 6.2   | 7.4   | 2.7   | 13.0  |
| 0.1   | 0.1   | 0.2   | 0.4   | 0.0   | 0.2   | 0.0   |
| 106.7 | 129.9 | 125.0 | 140.8 | 140.5 | 117.9 | 200.8 |
| 0.5   | 1.1   | 1.8   | 1.7   | 1.3   | 1.7   | 0.8   |
| 11.4  | 15.4  | 10.5  | 9.7   | 16.3  | 17.0  | 4.4   |
| 2.9   | 2.1   | 1.5   | 1.0   | 2.2   | 3.1   | 1.3   |
| 2.0   | 2.6   | 1.9   | 2.2   | 2.9   | 3.0   | 0.6   |
| 0.3   | 0.8   | 1.0   | 0.9   | 0.7   | 1.7   | 0.0   |
| 2.2   | 5.1   | 6.9   | 6.1   | 4.0   | 6.6   | 1.3   |
| 0.0   | 0.1   | 0.1   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.4   | 0.0   |
| 1.4   | 2.8   | 4.1   | 3.7   | 2.5   | 1.9   | 2.2   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 2.5   | 2.7   | 4.1   | 2.9   | 5.1   | 3.5   | 0.9   |
| 16.1  | 14.4  | 11.6  | 11.8  | 19.3  | 14.6  | 15.5  |
| 2.2   | 3.1   | 2.6   | 2.0   | 2.5   | 2.8   | 0.0   |
| 2.4   | 1.5   | 2.3   | 3.8   | 2.9   | 2.8   | 5.0   |
| 1.0   | 0.8   | 1.1   | 1.1   | 1.7   | 0.4   | 0.0   |
| 7.3   | 9.4   | 8.4   | 8.8   | 16.5  | 16.6  | 17.1  |
| 8.6   | 11.6  | 7.1   | 7.8   | 14.2  | 12.5  | 3.0   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 3.3   | 3.6   | 2.5   | 3.3   | 4.7   | 4.4   | 1.6   |
| 11.8  | 17.6  | 12.7  | 13.3  | 22.2  | 18.0  | 10.1  |
| 5.9   | 6.3   | 5.6   | 7.2   | 11.6  | 5.1   | 1.4   |
| 4.6   | 7.8   | 9.3   | 10.1  | 7.7   | 9.1   | 2.1   |
| 11.4  | 14.8  | 14.2  | 13.2  | 19.2  | 14.6  | 10.5  |
| 0.0   | 0.0   | 0.4   | 0.2   | 0.0   | 0.3   | 0.0   |
| 0.0   | 0.1   | 0.3   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.2   | 0.6   | 0.3   | 0.0   | 0.2   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.3   | 0.2   | 0.7   | 0.8   | 0.3   | 0.7   | 0.0   |
| 0.4   | 0.3   | 0.9   | 1.1   | 0.1   | 0.2   | 0.5   |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.4   | 0.2   | 0.5   | 1.4   | 1.0   | 0.7   | 0.6   |
| 0.2   | 0.4   | 1.4   | 1.1   | 0.0   | 0.6   | 0.0   |
| 0.2   | 0.4   | 0.9   | 1.3   | 0.3   | 0.2   | 0.0   |
| 0.1   | 0.1   | 0.5   | 0.9   | 0.0   | 0.1   | 0.0   |
| 0.2   | 0.2   | 0.9   | 1.2   | 0.3   | 0.6   | 0.0   |
| 0.2   | 0.1   | 0.9   | 1.2   | 0.5   | 0.1   | 0.0   |
| 0.0   | 0.1   | 0.3   | 0.9   | 0.3   | 0.3   | 0.0   |
| 0.2   | 0.3   | 1.4   | 1.5   | 0.3   | 0.8   | 0.0   |
| 0.2   | 0.0   | 0.8   | 0.8   | 0.3   | 0.6   | 0.0   |
| 0.1   | 0.1   | 0.7   | 0.5   | 0.1   | 0.6   | 0.0   |
| 0.2   | 0.1   | 0.6   | 0.4   | 0.2   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.1   | 0.5   | 0.3   | 0.1   | 0.3   | 0.0   |
| 0.0   | 0.0   | 0.3   | 0.1   | 0.1   | 0.1   | 0.0   |
| 0.0   | 0.1   | 0.3   | 0.3   | 0.1   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.3   | 0.0   | 0.1   | 0.0   |
| 0.1   | 0.1   | 0.2   | 0.1   | 0.0   | 0.1   | 0.1   |
| 0.1   | 0.1   | 0.4   | 0.3   | 0.1   | 0.3   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.4   | 0.2   | 0.2   | 0.0   |
| 0.1   | 0.2   | 0.2   | 0.1   | 0.2   | 0.1   | 0.0   |
| 0.1   | 0.2   | 0.9   | 0.3   | 0.2   | 0.0   | 0.0   |
| 84.3  | 101.6 | 61.9  | 78.8  | 65.7  | 100.3 | 122.0 |
| 0.0   | 0.1   | 0.6   | 0.2   | 0.0   | 0.3   | 0.0   |
| 0.0   | 0.0   | 0.3   | 0.2   | 0.0   | 0.2   | 0.0   |
| 0.0   | 0.0   | 0.7   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.3   | 0.5   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.0   | 0.2   | 0.2   | 0.2   | 0.6   | 0.0   |
| 3.5   | 3.4   | 2.5   | 3.3   | 2.6   | 3.9   | 4.0   |
| 11.4  | 15.6  | 18.1  | 19.6  | 15.1  | 18.1  | 13.5  |
| 0.0   | 0.0   | 0.1   | 0.3   | 0.1   | 0.2   | 0.0   |
| 2.8   | 2.8   | 2.7   | 2.3   | 4.1   | 4.3   | 0.0   |
| 17.4  | 19.1  | 19.2  | 23.4  | 23.1  | 16.1  | 19.3  |
| 4.1   | 4.9   | 6.5   | 5.8   | 6.5   | 6.0   | 5.4   |
| 10.5  | 15.4  | 19.7  | 18.7  | 12.3  | 19.0  | 27.3  |
| 4.7   | 7.8   | 8.5   | 11.1  | 8.9   | 5.9   | 12.6  |
| 0.1   | 0.2   | 1.0   | 0.3   | 0.0   | 1.2   | 0.0   |
| 0.6   | 1.7   | 2.9   | 3.5   | 1.4   | 2.4   | 1.2   |
| 0.0   | 0.0   | 0.2   | 0.2   | 0.1   | 0.5   | 0.0   |
| 8.2   | 14.6  | 8.7   | 9.1   | 18.0  | 12.2  | 6.7   |
| 0.4   | 0.7   | 1.3   | 0.8   | 1.4   | 0.6   | 0.0   |
| 3.9   | 4.8   | 6.7   | 7.2   | 9.1   | 7.0   | 0.5   |
| 9.5   | 10.4  | 12.3  | 17.6  | 10.2  | 11.8  | 9.7   |
| 0.5   | 1.6   | 1.8   | 1.9   | 1.6   | 1.9   | 0.0   |
| 0.3   | 0.3   | 0.1   | 0.1   | 0.4   | 0.4   | 0.0   |
| 42.6  | 48.6  | 39.0  | 40.4  | 39.0  | 47.8  | 28.5  |
| 5.8   | 6.7   | 8.0   | 9.6   | 6.2   | 6.4   | 9.4   |
| 500.7 | 207.4 | 352.6 | 166.7 | 141.3 | 208.7 | 106.9 |

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| 30.8   | 24.8   | 32.9   | 28.7   | 28.4   | 36.1   | 44.5   |
| 4.3    | 5.4    | 6.7    | 7.1    | 6.0    | 3.6    | 5.1    |
| 0.0    | 0.0    | 0.1    | 0.0    | 0.1    | 0.0    | 0.0    |
| 0.0    | 0.0    | 0.0    | 0.1    | 0.0    | 0.0    | 0.0    |
| 787.0  | 317.3  | 488.3  | 251.9  | 437.6  | 782.2  | 355.0  |
| 0.2    | 0.4    | 0.5    | 0.4    | 0.8    | 0.2    | 0.6    |
| 14.3   | 15.7   | 11.7   | 12.7   | 18.5   | 15.6   | 2.2    |
| 10.3   | 8.9    | 12.3   | 13.5   | 14.8   | 16.0   | 23.6   |
| 10.2   | 16.2   | 13.0   | 16.6   | 11.6   | 9.7    | 13.6   |
| 0.0    | 0.1    | 0.1    | 0.0    | 0.0    | 0.0    | 0.0    |
| 0.3    | 0.4    | 1.2    | 1.3    | 0.3    | 0.2    | 0.0    |
| 3.0    | 3.6    | 2.7    | 2.1    | 4.6    | 3.9    | 1.1    |
| 0.0    | 0.0    | 0.0    | 0.2    | 0.0    | 0.0    | 0.0    |
| 4.9    | 7.0    | 7.9    | 7.2    | 5.6    | 8.3    | 7.6    |
| 42.7   | 59.1   | 45.9   | 50.1   | 47.3   | 57.3   | 51.0   |
| 0.1    | 0.1    | 0.2    | 0.4    | 0.0    | 0.7    | 0.0    |
| 8.0    | 10.6   | 7.7    | 7.0    | 10.3   | 11.9   | 5.6    |
| 0.1    | 0.1    | 0.6    | 0.2    | 0.3    | 0.4    | 0.0    |
| 0.6    | 0.6    | 0.4    | 0.5    | 1.1    | 1.5    | 0.0    |
| 2.2    | 2.8    | 4.9    | 4.6    | 3.9    | 4.7    | 8.3    |
| 3.9    | 4.7    | 5.1    | 5.3    | 4.7    | 5.7    | 4.3    |
| 12.2   | 13.3   | 12.7   | 14.8   | 15.0   | 14.4   | 11.9   |
| 0.1    | 0.0    | 0.6    | 0.8    | 0.2    | 0.3    | 0.0    |
| 0.0    | 0.1    | 0.9    | 0.3    | 0.0    | 0.2    | 0.0    |
| 9.9    | 11.2   | 14.3   | 18.1   | 11.3   | 10.9   | 11.9   |
| 0.1    | 0.3    | 0.1    | 0.4    | 0.0    | 0.0    | 0.0    |
| 23.0   | 26.4   | 23.7   | 22.3   | 31.0   | 28.8   | 4.9    |
| 0.2    | 0.1    | 0.7    | 0.5    | 0.3    | 0.3    | 0.0    |
| 2.0    | 2.5    | 2.6    | 1.9    | 2.5    | 2.3    | 0.0    |
| 8.9    | 11.3   | 5.2    | 8.0    | 10.5   | 9.8    | 5.0    |
| 1.0    | 2.2    | 1.4    | 1.9    | 2.9    | 1.8    | 2.5    |
| 11.2   | 10.8   | 11.9   | 13.5   | 14.5   | 12.0   | 12.8   |
| 1.5    | 2.5    | 2.2    | 2.0    | 3.0    | 1.6    | 0.5    |
| 2815.8 | 1096.5 | 1959.6 | 5561.0 | 1296.2 | 1616.7 | 2365.2 |
| 3.8    | 5.2    | 4.2    | 4.0    | 6.3    | 4.6    | 7.7    |
| 5.1    | 7.8    | 6.7    | 6.8    | 7.4    | 6.9    | 10.2   |
| 5.0    | 4.9    | 3.7    | 4.9    | 6.2    | 5.7    | 2.1    |
| 352.6  | 396.7  | 307.5  | 364.4  | 390.2  | 364.5  | 437.7  |
| 0.5    | 0.9    | 1.1    | 0.7    | 0.8    | 0.8    | 0.3    |
| 1.3    | 6.0    | 9.2    | 8.5    | 6.5    | 12.5   | 2.3    |
| 0.1    | 0.1    | 0.2    | 0.2    | 0.0    | 0.2    | 0.0    |
| 8.9    | 15.1   | 17.3   | 20.7   | 13.3   | 12.2   | 7.2    |
| 0.1    | 0.0    | 0.0    | 0.0    | 0.1    | 0.0    | 0.0    |
| 19.4   | 44.0   | 37.1   | 42.4   | 45.5   | 43.8   | 48.7   |
| 5.5    | 6.2    | 4.5    | 6.8    | 9.0    | 5.1    | 6.9    |
| 0.1    | 0.0    | 0.1    | 0.1    | 0.0    | 0.0    | 0.0    |
| 0.2    | 0.3    | 0.8    | 0.2    | 0.2    | 0.3    | 0.0    |

|       |      |      |      |      |      |       |
|-------|------|------|------|------|------|-------|
| 0.2   | 0.7  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0   |
| 3.1   | 3.2  | 3.4  | 2.2  | 4.0  | 2.8  | 3.1   |
| 0.0   | 0.0  | 0.0  | 0.0  | 0.0  | 0.4  | 0.0   |
| 18.4  | 18.2 | 14.0 | 12.2 | 14.7 | 19.1 | 15.7  |
| 0.9   | 1.1  | 1.6  | 2.1  | 0.8  | 0.6  | 2.4   |
| 0.0   | 0.1  | 0.3  | 0.2  | 0.1  | 0.0  | 0.0   |
| 0.0   | 0.2  | 0.0  | 0.3  | 0.0  | 0.1  | 0.0   |
| 225.8 | 38.6 | 53.2 | 25.4 | 79.7 | 74.7 | 899.5 |
| 0.0   | 0.2  | 0.4  | 0.6  | 0.0  | 0.0  | 0.0   |
| 3.2   | 6.0  | 5.6  | 6.2  | 4.1  | 8.0  | 1.9   |
| 65.0  | 83.3 | 75.4 | 90.3 | 73.4 | 72.1 | 63.1  |
| 2.0   | 1.8  | 1.4  | 1.9  | 2.8  | 2.6  | 1.0   |
| 0.0   | 0.1  | 0.4  | 0.1  | 0.1  | 0.5  | 0.0   |
| 0.0   | 0.1  | 0.3  | 0.1  | 0.2  | 0.3  | 0.0   |
| 1.9   | 2.2  | 3.9  | 4.9  | 3.5  | 3.9  | 1.5   |
| 9.0   | 10.1 | 10.3 | 11.2 | 15.4 | 14.2 | 12.9  |
| 2.1   | 2.5  | 2.1  | 1.7  | 3.3  | 3.0  | 0.9   |
| 0.7   | 1.1  | 0.9  | 1.1  | 1.3  | 2.1  | 0.4   |
| 1.4   | 2.7  | 3.1  | 3.1  | 1.8  | 2.8  | 3.1   |
| 0.1   | 0.0  | 0.0  | 0.1  | 0.2  | 0.3  | 0.0   |
| 0.0   | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0   |
| 7.2   | 11.1 | 5.4  | 5.8  | 10.6 | 11.5 | 6.2   |
| 4.4   | 6.8  | 7.6  | 6.2  | 8.8  | 8.7  | 3.0   |
| 0.0   | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0   |
| 0.1   | 0.1  | 0.4  | 0.4  | 0.2  | 0.0  | 0.0   |
| 3.0   | 3.4  | 1.1  | 1.7  | 3.4  | 4.3  | 0.5   |
| 2.1   | 2.7  | 2.5  | 3.0  | 2.7  | 1.8  | 1.5   |
| 0.0   | 0.0  | 0.0  | 0.0  | 0.0  | 1.4  | 0.0   |
| 8.6   | 10.1 | 11.7 | 10.3 | 12.1 | 14.4 | 8.3   |
| 0.0   | 0.2  | 0.4  | 0.5  | 0.0  | 0.0  | 0.0   |
| 10.4  | 11.8 | 14.6 | 17.0 | 12.8 | 13.1 | 15.6  |
| 1.6   | 3.3  | 5.5  | 4.1  | 1.6  | 2.4  | 1.9   |
| 1.6   | 2.4  | 2.8  | 2.3  | 2.6  | 3.0  | 0.6   |
| 0.0   | 0.0  | 0.3  | 0.5  | 0.1  | 0.5  | 0.0   |
| 14.7  | 16.9 | 19.8 | 22.3 | 22.0 | 22.3 | 14.9  |
| 0.0   | 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0   |
| 24.0  | 22.1 | 17.7 | 29.0 | 23.7 | 17.9 | 19.8  |
| 34.8  | 46.8 | 30.2 | 33.3 | 39.6 | 40.4 | 42.4  |
| 0.0   | 0.1  | 0.3  | 0.2  | 0.1  | 0.3  | 0.1   |
| 0.1   | 0.1  | 0.4  | 0.1  | 0.1  | 0.1  | 0.0   |
| 0.1   | 0.1  | 0.2  | 0.3  | 0.2  | 0.2  | 0.0   |
| 0.1   | 0.1  | 0.5  | 0.3  | 0.1  | 0.3  | 0.0   |
| 0.0   | 0.1  | 0.3  | 0.4  | 0.2  | 0.2  | 0.0   |
| 0.1   | 0.1  | 0.4  | 0.3  | 0.2  | 0.3  | 0.0   |
| 0.0   | 0.0  | 0.2  | 0.2  | 0.1  | 0.1  | 0.0   |
| 0.1   | 0.1  | 0.3  | 0.2  | 0.1  | 0.3  | 0.0   |
| 0.2   | 0.1  | 0.5  | 0.6  | 0.5  | 0.6  | 0.0   |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.1   | 0.1   | 0.2   | 0.2   | 0.1   | 0.2   | 0.1   |
| 0.0   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.2   | 0.1   | 0.1   | 0.0   |
| 2.0   | 2.9   | 3.0   | 2.4   | 2.9   | 3.5   | 1.1   |
| 3.7   | 4.0   | 3.2   | 2.1   | 4.5   | 5.5   | 3.2   |
| 1.3   | 1.4   | 1.1   | 1.1   | 1.7   | 1.5   | 0.8   |
| 12.2  | 13.8  | 17.3  | 16.6  | 13.9  | 15.2  | 11.1  |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.1   | 0.1   | 0.1   | 0.1   | 0.0   | 0.3   | 0.0   |
| 0.1   | 0.3   | 0.8   | 0.3   | 0.0   | 1.3   | 0.0   |
| 39.0  | 55.7  | 52.5  | 64.5  | 47.0  | 52.1  | 53.5  |
| 8.1   | 9.6   | 5.5   | 6.8   | 7.9   | 9.6   | 0.4   |
| 0.0   | 0.0   | 0.4   | 0.3   | 0.1   | 0.2   | 0.0   |
| 13.6  | 15.0  | 13.7  | 13.6  | 18.9  | 14.4  | 13.5  |
| 43.1  | 61.1  | 58.5  | 67.2  | 59.8  | 70.5  | 70.5  |
| 7.1   | 7.2   | 3.7   | 3.4   | 9.1   | 9.5   | 2.7   |
| 110.6 | 114.4 | 113.4 | 110.0 | 116.7 | 112.8 | 119.6 |
| 114.2 | 135.1 | 148.6 | 144.0 | 155.5 | 169.1 | 90.5  |
| 0.2   | 0.4   | 1.0   | 0.5   | 0.8   | 0.5   | 0.6   |
| 0.0   | 0.1   | 0.2   | 0.5   | 0.3   | 0.0   | 0.0   |
| 7.5   | 7.9   | 9.1   | 9.9   | 8.4   | 8.0   | 6.8   |
| 8.7   | 6.6   | 12.5  | 12.6  | 11.4  | 10.7  | 15.4  |
| 0.1   | 0.4   | 0.0   | 0.2   | 0.2   | 0.3   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.4   | 0.1   | 0.1   | 0.0   |
| 0.1   | 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   |
| 0.5   | 0.4   | 0.6   | 0.4   | 0.6   | 0.3   | 0.1   |
| 4.4   | 9.2   | 8.6   | 9.5   | 9.6   | 7.2   | 3.7   |
| 0.2   | 0.0   | 0.7   | 1.1   | 0.4   | 0.1   | 0.0   |
| 3.4   | 4.3   | 4.3   | 3.8   | 4.6   | 3.2   | 5.1   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.7   | 1.5   | 1.9   | 2.6   | 2.4   | 3.0   | 2.1   |
| 7.7   | 7.5   | 8.8   | 9.5   | 8.5   | 10.2  | 12.2  |
| 2.2   | 2.2   | 3.2   | 4.3   | 3.1   | 3.2   | 2.7   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.1   | 0.0   |
| 0.5   | 1.0   | 2.5   | 2.8   | 1.7   | 2.9   | 0.6   |
| 0.0   | 0.3   | 1.3   | 0.5   | 0.1   | 0.4   | 0.0   |
| 1.5   | 1.8   | 1.9   | 2.8   | 4.0   | 3.0   | 0.9   |
| 14.2  | 25.1  | 27.3  | 27.4  | 19.2  | 27.4  | 20.0  |
| 4.7   | 5.0   | 3.2   | 3.4   | 5.5   | 6.4   | 1.7   |
| 0.0   | 0.2   | 0.6   | 0.2   | 0.1   | 0.1   | 0.0   |
| 7.7   | 11.1  | 9.3   | 8.1   | 10.8  | 11.9  | 8.7   |
| 0.2   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   |
| 5.3   | 4.6   | 4.1   | 3.8   | 5.1   | 6.4   | 4.2   |
| 6.5   | 7.7   | 10.6  | 16.4  | 12.8  | 9.3   | 11.0  |
| 0.3   | 0.4   | 1.2   | 0.6   | 0.6   | 0.7   | 0.4   |
| 0.3   | 0.3   | 0.2   | 0.6   | 0.5   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.1   | 0.1   | 0.0   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 31.8 | 43.2 | 41.7 | 40.2 | 34.3 | 37.7 | 40.9 |
| 3.3  | 4.1  | 4.4  | 3.1  | 5.2  | 3.7  | 3.5  |
| 0.1  | 0.1  | 0.5  | 0.3  | 0.5  | 0.3  | 0.3  |
| 1.2  | 1.4  | 1.8  | 2.2  | 1.8  | 2.2  | 2.4  |
| 1.0  | 1.3  | 1.1  | 1.2  | 1.9  | 3.0  | 1.1  |
| 0.1  | 0.1  | 0.3  | 0.5  | 0.2  | 0.3  | 0.0  |
| 0.3  | 0.3  | 0.5  | 0.5  | 0.6  | 0.2  | 0.6  |
| 7.2  | 9.1  | 7.5  | 6.7  | 11.6 | 7.5  | 4.1  |
| 1.8  | 1.5  | 1.6  | 1.4  | 1.8  | 2.3  | 1.5  |
| 0.0  | 0.1  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 9.3  | 15.2 | 11.2 | 10.7 | 12.0 | 14.9 | 11.6 |
| 2.4  | 4.1  | 5.1  | 4.6  | 3.4  | 4.5  | 4.0  |
| 0.6  | 1.0  | 0.9  | 0.9  | 1.2  | 0.4  | 2.1  |
| 0.2  | 0.0  | 0.8  | 0.3  | 0.2  | 0.2  | 0.0  |
| 15.5 | 19.9 | 13.3 | 13.7 | 15.6 | 15.8 | 16.2 |
| 2.5  | 4.2  | 2.3  | 3.4  | 2.3  | 4.3  | 4.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.4  | 0.0  |
| 0.4  | 0.4  | 1.6  | 0.7  | 0.3  | 1.0  | 0.1  |
| 11.4 | 13.6 | 13.7 | 14.4 | 13.0 | 14.8 | 19.0 |
| 2.2  | 2.7  | 2.3  | 2.2  | 3.0  | 2.5  | 1.1  |
| 1.4  | 1.5  | 1.5  | 1.9  | 1.7  | 1.5  | 2.3  |
| 2.3  | 5.8  | 8.0  | 7.9  | 4.3  | 7.0  | 1.1  |
| 2.7  | 2.5  | 1.9  | 1.1  | 1.7  | 2.9  | 1.6  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.1  |
| 4.0  | 7.0  | 6.7  | 8.1  | 4.3  | 7.7  | 5.9  |
| 4.9  | 5.7  | 8.3  | 9.3  | 7.0  | 8.2  | 6.8  |
| 9.7  | 10.3 | 8.7  | 8.9  | 11.8 | 12.7 | 5.5  |
| 0.2  | 0.2  | 0.3  | 0.1  | 0.6  | 0.1  | 0.0  |
| 0.1  | 0.2  | 0.3  | 0.5  | 0.2  | 0.4  | 0.0  |
| 0.4  | 0.8  | 0.7  | 0.5  | 0.6  | 0.5  | 0.2  |
| 8.5  | 12.3 | 8.7  | 12.0 | 11.7 | 8.9  | 8.1  |
| 0.2  | 0.1  | 0.6  | 0.9  | 0.4  | 0.2  | 0.0  |
| 1.0  | 1.1  | 2.5  | 3.4  | 3.0  | 1.3  | 1.0  |
| 53.4 | 51.1 | 56.0 | 60.2 | 74.6 | 69.1 | 68.9 |
| 1.8  | 2.9  | 4.8  | 5.6  | 4.1  | 3.7  | 2.2  |
| 0.5  | 0.7  | 1.4  | 0.9  | 0.6  | 0.2  | 0.1  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.1  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.2  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.5  | 0.6  | 0.5  | 0.8  | 0.9  | 0.4  |
| 0.4  | 0.6  | 1.0  | 0.8  | 0.6  | 0.7  | 0.0  |
| 2.4  | 2.8  | 1.5  | 1.6  | 3.3  | 3.6  | 0.5  |
| 14.3 | 14.0 | 13.4 | 15.9 | 14.9 | 17.1 | 11.9 |
| 3.0  | 3.8  | 6.5  | 5.5  | 4.2  | 3.3  | 3.3  |
| 2.0  | 3.7  | 3.6  | 4.0  | 3.8  | 2.9  | 10.7 |
| 2.7  | 2.7  | 3.9  | 4.2  | 3.5  | 5.1  | 4.8  |
| 22.5 | 33.3 | 27.4 | 27.7 | 21.2 | 29.0 | 28.6 |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 5.6  | 5.5  | 4.6  | 4.6  | 8.6  | 4.9  | 1.8  |
| 8.9  | 8.0  | 11.0 | 10.1 | 12.1 | 11.6 | 8.5  |
| 3.2  | 3.5  | 3.1  | 3.1  | 5.5  | 3.8  | 1.0  |
| 10.6 | 8.2  | 11.6 | 12.9 | 8.0  | 13.1 | 10.8 |
| 0.0  | 0.3  | 0.3  | 0.6  | 0.3  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.5  | 0.7  | 0.1  | 0.7  | 0.0  |
| 4.0  | 5.5  | 4.3  | 5.2  | 5.9  | 6.0  | 7.4  |
| 0.0  | 0.1  | 0.2  | 0.4  | 0.3  | 0.0  | 0.0  |
| 1.6  | 2.4  | 2.2  | 2.3  | 1.7  | 1.6  | 1.5  |
| 5.0  | 4.1  | 2.6  | 2.9  | 5.6  | 6.7  | 1.3  |
| 0.2  | 0.5  | 0.9  | 0.8  | 0.3  | 0.3  | 0.4  |
| 0.9  | 1.0  | 0.7  | 1.0  | 1.7  | 1.1  | 0.6  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 3.3  | 4.9  | 5.5  | 3.4  | 5.2  | 4.0  | 1.0  |
| 0.2  | 0.4  | 0.4  | 0.6  | 0.4  | 0.4  | 0.0  |
| 2.2  | 3.3  | 3.8  | 4.9  | 4.8  | 3.4  | 2.8  |
| 5.3  | 6.7  | 5.6  | 7.3  | 5.9  | 7.5  | 6.6  |
| 5.6  | 11.1 | 10.8 | 13.4 | 7.9  | 9.8  | 10.1 |
| 7.7  | 8.8  | 5.3  | 5.3  | 6.3  | 5.1  | 2.3  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 1.1  | 1.0  | 0.8  | 0.8  | 1.3  | 1.2  | 0.5  |
| 12.5 | 10.7 | 11.1 | 11.7 | 15.6 | 17.0 | 12.3 |
| 15.5 | 19.9 | 19.6 | 23.1 | 16.8 | 22.4 | 25.0 |
| 18.6 | 23.9 | 25.2 | 24.8 | 27.7 | 26.3 | 29.5 |
| 7.1  | 11.7 | 11.8 | 11.2 | 13.3 | 15.7 | 10.7 |
| 0.1  | 0.3  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 1.0  | 0.5  | 1.2  | 2.0  | 0.8  | 0.9  | 0.1  |
| 17.2 | 23.8 | 27.7 | 28.8 | 20.4 | 16.2 | 22.5 |
| 5.4  | 4.5  | 5.3  | 4.9  | 5.0  | 5.5  | 5.1  |
| 1.0  | 0.9  | 2.6  | 1.8  | 1.4  | 1.5  | 0.3  |
| 3.0  | 4.3  | 3.7  | 5.1  | 3.9  | 4.1  | 3.5  |
| 0.2  | 0.1  | 0.4  | 0.6  | 0.3  | 0.2  | 0.0  |
| 0.1  | 0.3  | 0.4  | 0.8  | 0.2  | 0.5  | 0.0  |
| 1.6  | 1.6  | 1.1  | 1.1  | 1.9  | 3.0  | 0.7  |
| 0.7  | 1.2  | 1.4  | 1.6  | 1.2  | 1.3  | 0.3  |
| 0.3  | 0.4  | 0.9  | 0.7  | 0.9  | 0.7  | 0.5  |
| 0.1  | 0.1  | 0.9  | 0.5  | 0.2  | 1.1  | 0.6  |
| 0.4  | 0.4  | 0.7  | 0.8  | 0.5  | 0.8  | 0.0  |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.1  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3.2  | 4.2  | 6.7  | 7.3  | 5.0  | 5.2  | 2.8  |
| 1.8  | 2.9  | 2.9  | 4.0  | 3.0  | 3.8  | 3.9  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.6  | 0.4  | 0.2  | 1.3  | 0.0  |
| 0.4  | 0.3  | 1.6  | 0.6  | 0.8  | 1.0  | 0.0  |
| 1.6  | 1.2  | 2.1  | 1.7  | 1.6  | 2.3  | 1.4  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.0   | 0.1   | 0.4   | 0.5   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.1   | 0.3   | 0.4   | 0.0   | 0.6   | 0.0   |
| 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.4   | 0.1   | 0.1   | 0.1   | 0.0   |
| 0.1   | 0.2   | 1.0   | 0.6   | 0.1   | 0.8   | 0.1   |
| 0.4   | 1.0   | 2.2   | 2.4   | 0.8   | 2.3   | 0.0   |
| 33.5  | 36.4  | 38.4  | 37.1  | 38.7  | 31.1  | 22.5  |
| 549.3 | 611.3 | 682.8 | 827.4 | 526.6 | 541.1 | 552.7 |
| 368.1 | 293.5 | 295.8 | 279.1 | 339.5 | 360.2 | 237.8 |
| 275.0 | 275.0 | 292.6 | 310.3 | 342.8 | 344.2 | 393.4 |
| 83.1  | 60.5  | 63.8  | 76.9  | 86.8  | 88.9  | 54.4  |
| 0.1   | 0.0   | 0.2   | 0.1   | 0.0   | 0.2   | 0.0   |
| 0.0   | 0.1   | 0.4   | 0.5   | 0.3   | 0.2   | 0.0   |
| 4.5   | 3.9   | 4.8   | 6.1   | 6.8   | 5.0   | 0.0   |
| 1.8   | 0.6   | 0.7   | 2.6   | 0.9   | 0.8   | 0.0   |
| 37.2  | 50.4  | 52.4  | 63.2  | 48.6  | 56.7  | 53.4  |
| 0.2   | 0.2   | 1.2   | 0.7   | 0.6   | 0.5   | 0.0   |
| 0.1   | 0.1   | 0.3   | 0.4   | 0.1   | 0.2   | 0.4   |
| 0.3   | 0.0   | 0.5   | 0.4   | 0.4   | 0.3   | 0.0   |
| 1.2   | 3.1   | 4.6   | 4.5   | 2.5   | 4.1   | 0.7   |
| 0.2   | 0.3   | 0.4   | 0.4   | 0.3   | 0.6   | 0.2   |
| 2.0   | 4.0   | 5.1   | 3.8   | 2.6   | 6.0   | 2.6   |
| 0.0   | 0.1   | 0.2   | 0.4   | 0.0   | 0.0   | 0.0   |
| 4.7   | 5.8   | 5.9   | 4.6   | 5.8   | 6.1   | 2.0   |
| 5.8   | 6.2   | 8.5   | 11.7  | 8.9   | 7.8   | 7.7   |
| 1.8   | 2.7   | 4.5   | 3.5   | 2.5   | 4.5   | 3.0   |
| 4.6   | 4.8   | 7.5   | 7.5   | 5.5   | 4.7   | 6.5   |
| 2.1   | 3.1   | 3.3   | 4.2   | 4.3   | 2.8   | 2.5   |
| 0.8   | 1.0   | 0.6   | 1.3   | 1.7   | 0.9   | 0.4   |
| 0.5   | 0.4   | 0.8   | 0.9   | 0.7   | 0.7   | 0.7   |
| 0.0   | 0.0   | 0.3   | 0.1   | 0.1   | 0.6   | 0.0   |
| 1.7   | 2.0   | 2.5   | 2.5   | 3.1   | 3.5   | 2.6   |
| 0.2   | 0.4   | 0.7   | 0.3   | 0.2   | 0.4   | 0.0   |
| 1.7   | 1.8   | 1.1   | 1.7   | 1.4   | 3.1   | 0.9   |
| 6.3   | 10.9  | 14.4  | 13.1  | 9.3   | 11.0  | 10.2  |
| 0.1   | 0.0   | 0.2   | 0.3   | 0.3   | 0.1   | 0.0   |
| 0.2   | 0.0   | 0.0   | 0.6   | 0.3   | 0.9   | 0.0   |
| 0.0   | 0.1   | 0.3   | 0.4   | 0.2   | 0.0   | 0.0   |
| 0.1   | 0.1   | 0.1   | 0.4   | 0.6   | 0.3   | 0.0   |
| 3.3   | 4.8   | 7.5   | 5.7   | 4.6   | 5.5   | 5.1   |
| 0.8   | 1.5   | 2.7   | 3.3   | 1.2   | 2.2   | 0.6   |
| 0.0   | 0.0   | 0.7   | 0.3   | 0.1   | 0.4   | 0.0   |
| 12.5  | 9.3   | 12.4  | 15.8  | 16.1  | 12.8  | 21.0  |
| 0.0   | 0.0   | 1.2   | 0.9   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.9   | 1.7   | 1.8   | 1.4   | 0.8   | 0.5   |
| 0.0   | 0.0   | 0.0   | 0.2   | 0.7   | 0.7   | 1.0   |
| 1.7   | 0.7   | 1.2   | 1.3   | 2.4   | 1.0   | 0.3   |



|      |       |      |      |      |       |      |
|------|-------|------|------|------|-------|------|
| 1.0  | 1.1   | 1.1  | 1.1  | 1.0  | 1.5   | 1.4  |
| 0.2  | 0.1   | 0.3  | 0.4  | 0.3  | 0.2   | 0.0  |
| 0.4  | 1.4   | 2.3  | 1.9  | 1.0  | 2.0   | 0.9  |
| 0.0  | 0.1   | 0.1  | 0.1  | 0.0  | 0.0   | 0.0  |
| 2.6  | 3.0   | 5.6  | 5.1  | 5.2  | 2.5   | 1.9  |
| 6.2  | 7.3   | 7.7  | 6.5  | 12.9 | 5.9   | 7.2  |
| 0.0  | 0.0   | 0.5  | 0.3  | 0.2  | 0.1   | 0.0  |
| 2.6  | 3.6   | 4.1  | 4.3  | 3.4  | 3.7   | 6.8  |
| 0.7  | 0.8   | 0.9  | 0.9  | 1.1  | 1.0   | 1.1  |
| 2.4  | 2.8   | 1.7  | 1.8  | 2.8  | 3.6   | 2.1  |
| 7.5  | 8.7   | 12.8 | 15.7 | 11.6 | 11.6  | 17.3 |
| 9.8  | 13.3  | 14.1 | 14.0 | 14.0 | 15.3  | 11.3 |
| 2.7  | 2.9   | 2.8  | 3.3  | 3.1  | 3.9   | 3.0  |
| 0.0  | 0.0   | 0.1  | 0.1  | 0.0  | 0.1   | 0.0  |
| 0.9  | 0.5   | 0.6  | 0.9  | 0.8  | 1.9   | 0.1  |
| 0.0  | 0.0   | 0.0  | 0.1  | 0.0  | 0.0   | 0.0  |
| 0.1  | 0.2   | 0.3  | 0.4  | 0.4  | 0.0   | 0.0  |
| 0.1  | 0.0   | 0.2  | 0.5  | 0.5  | 0.4   | 0.0  |
| 0.2  | 0.3   | 0.9  | 0.6  | 0.7  | 1.1   | 1.6  |
| 1.9  | 2.9   | 2.6  | 2.2  | 2.5  | 2.8   | 2.7  |
| 3.7  | 7.8   | 7.8  | 9.8  | 6.2  | 11.2  | 8.8  |
| 69.8 | 102.0 | 87.6 | 84.3 | 92.9 | 101.1 | 78.0 |
| 0.4  | 0.6   | 1.5  | 1.4  | 1.1  | 1.1   | 1.1  |
| 0.0  | 0.1   | 0.5  | 0.5  | 0.3  | 0.2   | 0.1  |
| 18.6 | 26.1  | 21.8 | 21.6 | 26.8 | 27.9  | 23.0 |
| 0.1  | 0.0   | 0.0  | 0.1  | 0.2  | 0.0   | 0.0  |
| 2.1  | 2.6   | 2.8  | 2.4  | 2.2  | 3.4   | 2.2  |
| 0.0  | 0.1   | 0.1  | 0.1  | 0.0  | 0.1   | 0.0  |
| 18.9 | 14.8  | 14.9 | 21.2 | 21.2 | 13.9  | 19.8 |
| 21.9 | 23.1  | 31.2 | 33.7 | 34.8 | 25.7  | 29.3 |
| 3.3  | 5.6   | 4.7  | 5.1  | 3.5  | 8.7   | 2.0  |
| 0.0  | 0.0   | 0.3  | 0.7  | 0.5  | 0.0   | 0.0  |
| 0.4  | 0.8   | 0.6  | 0.9  | 0.9  | 1.2   | 1.1  |
| 8.5  | 6.6   | 9.0  | 10.5 | 9.2  | 10.4  | 15.0 |
| 1.5  | 1.9   | 2.2  | 2.3  | 2.2  | 2.8   | 1.4  |
| 2.7  | 3.8   | 4.7  | 4.3  | 4.1  | 3.8   | 3.1  |
| 0.0  | 0.1   | 0.6  | 0.7  | 0.2  | 0.8   | 0.6  |
| 1.8  | 2.3   | 2.6  | 2.6  | 2.9  | 3.4   | 1.9  |
| 25.0 | 32.5  | 28.8 | 26.3 | 28.4 | 39.8  | 20.4 |
| 0.1  | 0.3   | 0.6  | 0.9  | 0.3  | 0.5   | 0.0  |
| 0.0  | 0.0   | 0.1  | 0.1  | 0.0  | 0.3   | 0.0  |
| 0.1  | 0.1   | 0.1  | 0.0  | 0.0  | 0.0   | 0.0  |
| 0.1  | 0.2   | 0.4  | 1.2  | 0.2  | 0.4   | 0.0  |
| 0.2  | 0.3   | 0.5  | 0.5  | 0.4  | 0.5   | 0.2  |
| 0.3  | 0.0   | 0.3  | 0.2  | 0.3  | 0.0   | 0.0  |
| 0.0  | 0.1   | 0.1  | 0.5  | 0.0  | 0.4   | 0.0  |
| 0.1  | 0.0   | 0.0  | 0.1  | 0.0  | 0.1   | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 1.4  | 1.3  | 0.9  | 1.2  | 1.9  | 2.3  | 1.9  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.8  | 0.4  | 0.5  | 0.8  | 0.0  |
| 0.0  | 0.1  | 0.4  | 0.5  | 0.3  | 0.7  | 0.0  |
| 0.3  | 0.2  | 0.2  | 0.3  | 1.0  | 1.5  | 0.0  |
| 0.7  | 0.4  | 0.6  | 0.6  | 1.6  | 0.4  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.2  | 0.0  | 0.0  | 0.6  |
| 1.6  | 1.9  | 2.0  | 1.7  | 1.1  | 3.1  | 1.7  |
| 0.4  | 0.5  | 0.3  | 0.8  | 0.9  | 0.5  | 0.9  |
| 0.1  | 0.3  | 0.3  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.6  | 0.6  | 0.9  | 0.7  | 0.3  | 2.6  | 4.3  |
| 40.3 | 28.4 | 51.4 | 46.1 | 54.3 | 42.9 | 46.7 |
| 0.1  | 0.2  | 0.2  | 0.3  | 0.4  | 0.8  | 0.3  |
| 4.6  | 5.0  | 5.7  | 6.5  | 5.0  | 5.0  | 2.5  |
| 2.0  | 2.9  | 3.2  | 2.9  | 5.0  | 1.3  | 1.1  |
| 0.3  | 0.3  | 0.5  | 0.4  | 0.2  | 0.3  | 0.2  |
| 0.0  | 0.2  | 0.0  | 0.6  | 0.0  | 0.4  | 0.0  |
| 0.4  | 0.8  | 1.9  | 0.9  | 0.8  | 1.3  | 0.1  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.4  | 0.4  | 0.0  |
| 26.0 | 26.9 | 24.6 | 24.4 | 28.4 | 31.3 | 27.3 |
| 0.0  | 0.0  | 0.4  | 0.2  | 0.1  | 0.4  | 0.0  |
| 0.0  | 0.1  | 1.0  | 0.4  | 0.4  | 0.8  | 0.0  |
| 0.0  | 0.2  | 0.2  | 0.3  | 0.3  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.9  | 2.2  | 3.3  | 2.2  | 4.6  | 2.0  | 0.0  |
| 0.0  | 0.1  | 0.5  | 0.1  | 0.0  | 0.2  | 0.0  |
| 33.0 | 35.7 | 37.6 | 40.4 | 40.2 | 44.3 | 52.7 |
| 0.3  | 0.4  | 0.4  | 0.9  | 1.0  | 0.5  | 0.0  |
| 0.8  | 0.9  | 0.2  | 0.8  | 1.6  | 0.4  | 0.0  |
| 0.1  | 0.1  | 0.3  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.1  | 0.0  | 0.5  | 0.1  | 0.0  | 0.2  | 0.0  |
| 0.1  | 0.0  | 0.1  | 0.4  | 0.2  | 0.3  | 0.0  |
| 0.5  | 0.6  | 1.9  | 2.0  | 1.3  | 0.6  | 0.5  |
| 0.3  | 0.1  | 0.2  | 0.2  | 0.9  | 0.0  | 1.0  |
| 0.1  | 0.0  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  |
| 3.0  | 3.3  | 4.9  | 4.9  | 3.8  | 5.0  | 6.3  |
| 0.2  | 0.2  | 0.5  | 0.5  | 0.3  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.9  | 0.9  | 1.2  | 1.2  | 1.4  | 1.2  | 1.7  |
| 0.4  | 1.0  | 1.0  | 1.4  | 0.4  | 0.9  | 0.0  |
| 2.1  | 0.9  | 1.4  | 1.6  | 1.3  | 0.6  | 0.0  |
| 4.0  | 4.7  | 7.1  | 7.4  | 6.3  | 5.9  | 4.3  |
| 17.3 | 21.0 | 16.7 | 20.3 | 24.0 | 19.6 | 15.1 |
| 1.6  | 1.9  | 1.6  | 2.1  | 2.0  | 1.8  | 2.2  |
| 0.5  | 0.8  | 0.8  | 0.6  | 1.0  | 0.9  | 0.4  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.2  | 0.2  | 0.1  | 0.2  | 0.2  | 0.1  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 1.6   | 2.3   | 2.8   | 3.5   | 2.5   | 3.6   | 2.0   |
| 0.0   | 0.0   | 0.4   | 0.3   | 0.3   | 0.2   | 0.0   |
| 1.0   | 1.3   | 1.1   | 1.1   | 1.3   | 3.4   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 2.5   | 3.5   | 4.4   | 3.7   | 3.4   | 4.9   | 2.8   |
| 4.7   | 5.0   | 6.6   | 7.8   | 7.0   | 5.5   | 8.0   |
| 0.1   | 0.3   | 0.3   | 0.3   | 0.2   | 0.5   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.4   | 0.5   | 0.0   | 0.2   | 0.0   | 0.0   |
| 3.1   | 3.0   | 0.9   | 1.8   | 2.9   | 3.0   | 3.5   |
| 2.9   | 2.9   | 4.8   | 4.8   | 3.0   | 4.0   | 9.6   |
| 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.3   | 0.1   | 0.0   | 0.0   | 0.0   |
| 7.3   | 8.8   | 7.4   | 8.7   | 9.8   | 12.3  | 4.7   |
| 1.3   | 1.6   | 2.0   | 2.1   | 2.8   | 2.3   | 4.3   |
| 8.9   | 9.7   | 11.1  | 9.7   | 11.4  | 6.4   | 3.0   |
| 8.0   | 10.9  | 11.4  | 12.0  | 8.3   | 11.5  | 13.6  |
| 0.0   | 0.2   | 1.8   | 0.4   | 0.0   | 0.6   | 0.0   |
| 0.2   | 0.2   | 0.4   | 0.7   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.4   | 0.4   | 0.0   | 1.0   | 0.0   |
| 33.5  | 36.1  | 34.7  | 35.2  | 39.3  | 46.9  | 35.8  |
| 0.0   | 0.0   | 0.0   | 1.0   | 0.4   | 0.3   | 0.0   |
| 0.4   | 0.2   | 0.6   | 0.7   | 0.4   | 0.3   | 0.0   |
| 0.0   | 0.3   | 3.3   | 0.0   | 0.7   | 1.1   | 0.0   |
| 0.0   | 0.6   | 1.1   | 0.2   | 1.1   | 0.0   | 0.0   |
| 0.7   | 0.8   | 0.8   | 0.7   | 1.0   | 0.8   | 0.7   |
| 5.3   | 6.8   | 7.5   | 7.6   | 12.7  | 10.1  | 4.2   |
| 0.2   | 0.0   | 0.2   | 0.7   | 0.0   | 0.3   | 5.6   |
| 0.0   | 0.0   | 0.0   | 0.6   | 0.0   | 0.5   | 0.0   |
| 0.1   | 0.1   | 0.6   | 0.3   | 0.2   | 0.5   | 0.0   |
| 0.0   | 0.0   | 0.4   | 0.0   | 0.2   | 0.0   | 0.0   |
| 1.6   | 2.9   | 3.2   | 3.7   | 2.8   | 3.1   | 2.6   |
| 4.9   | 4.5   | 2.8   | 3.2   | 5.9   | 5.0   | 1.7   |
| 0.1   | 0.4   | 0.4   | 0.6   | 0.1   | 0.4   | 0.0   |
| 0.5   | 0.0   | 0.4   | 0.2   | 0.0   | 0.0   | 0.0   |
| 188.8 | 208.7 | 199.7 | 235.5 | 188.7 | 175.9 | 171.0 |
| 74.1  | 94.2  | 60.5  | 69.5  | 90.0  | 90.3  | 84.8  |
| 2.2   | 2.7   | 3.2   | 3.3   | 3.7   | 4.1   | 1.8   |
| 5.3   | 5.6   | 4.8   | 5.5   | 6.2   | 6.2   | 2.6   |
| 0.3   | 0.7   | 2.1   | 1.7   | 1.0   | 1.4   | 0.2   |
| 3.5   | 5.6   | 6.4   | 6.4   | 5.8   | 7.5   | 4.2   |
| 31.0  | 35.4  | 39.8  | 42.6  | 42.7  | 50.1  | 77.8  |
| 3.8   | 4.1   | 4.6   | 4.4   | 5.1   | 4.8   | 5.9   |
| 12.6  | 14.3  | 16.7  | 19.4  | 15.3  | 15.4  | 20.4  |
| 41.1  | 49.2  | 58.1  | 47.9  | 51.5  | 48.0  | 53.8  |
| 7.9   | 9.8   | 8.1   | 8.6   | 13.3  | 7.4   | 3.6   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.4  | 1.2  | 1.0  | 0.4  | 0.4  | 0.0  |
| 21.1 | 27.4 | 25.5 | 26.4 | 26.7 | 29.3 | 21.3 |
| 0.4  | 0.3  | 0.7  | 1.0  | 0.9  | 0.1  | 0.0  |
| 5.0  | 4.5  | 3.0  | 3.0  | 5.8  | 3.8  | 1.1  |
| 9.7  | 11.8 | 13.9 | 14.2 | 11.5 | 10.4 | 20.1 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.1  | 0.2  | 0.0  | 0.3  | 0.0  |
| 2.3  | 3.4  | 2.4  | 3.5  | 2.9  | 3.8  | 3.0  |
| 0.2  | 0.4  | 0.9  | 1.0  | 0.4  | 0.4  | 0.1  |
| 3.5  | 3.4  | 3.8  | 3.8  | 4.5  | 4.8  | 3.8  |
| 0.0  | 0.0  | 0.1  | 0.5  | 0.1  | 0.2  | 0.0  |
| 1.8  | 2.3  | 2.0  | 1.7  | 2.9  | 3.2  | 0.8  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 28.9 | 38.0 | 17.1 | 20.9 | 28.5 | 27.5 | 34.3 |
| 0.0  | 0.3  | 0.1  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.4  | 0.4  | 0.7  | 0.7  | 0.7  | 0.4  | 0.4  |
| 0.8  | 1.6  | 2.6  | 2.4  | 1.8  | 2.3  | 1.3  |
| 0.3  | 0.6  | 0.7  | 0.9  | 1.2  | 1.3  | 0.4  |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.0  | 0.1  | 0.0  |
| 33.0 | 35.9 | 33.0 | 43.0 | 37.3 | 32.7 | 28.0 |
| 8.4  | 12.1 | 10.9 | 13.3 | 11.7 | 10.5 | 11.6 |
| 0.8  | 1.9  | 4.1  | 3.5  | 1.4  | 3.9  | 0.8  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.0  | 0.3  | 0.3  | 0.0  | 0.2  | 0.0  |
| 0.7  | 1.0  | 0.7  | 0.7  | 1.5  | 0.8  | 0.4  |
| 4.3  | 4.2  | 3.5  | 3.0  | 4.1  | 3.5  | 3.4  |
| 0.8  | 1.1  | 0.9  | 1.5  | 1.5  | 2.4  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.3  | 0.7  | 0.3  | 0.9  | 0.6  | 1.9  | 0.9  |
| 0.7  | 0.7  | 0.5  | 0.7  | 0.5  | 0.5  | 0.6  |
| 4.5  | 5.3  | 3.0  | 2.9  | 6.9  | 6.1  | 1.0  |
| 8.7  | 8.8  | 7.4  | 6.9  | 12.2 | 5.6  | 5.8  |
| 2.5  | 4.2  | 4.3  | 4.0  | 3.8  | 6.7  | 4.1  |
| 16.3 | 17.2 | 14.7 | 15.1 | 16.5 | 20.8 | 14.9 |
| 4.5  | 6.3  | 5.4  | 5.3  | 5.3  | 5.0  | 2.8  |
| 51.5 | 67.1 | 61.7 | 69.1 | 73.3 | 62.5 | 78.1 |
| 9.9  | 11.1 | 10.9 | 12.8 | 14.4 | 14.9 | 8.4  |
| 0.2  | 0.2  | 0.6  | 0.5  | 0.1  | 0.3  | 0.0  |
| 0.9  | 1.1  | 1.6  | 1.7  | 1.1  | 1.4  | 2.2  |
| 7.3  | 8.3  | 8.4  | 10.5 | 9.2  | 7.4  | 11.9 |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.1  | 0.1  | 0.0  |
| 1.4  | 2.7  | 1.9  | 2.3  | 1.7  | 2.0  | 1.2  |
| 8.5  | 12.0 | 8.3  | 9.5  | 10.6 | 10.7 | 4.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 1.3  | 1.3  | 0.9  | 1.3  | 1.9  | 1.3  | 0.7  |
| 4.1  | 6.8  | 4.4  | 6.6  | 8.6  | 10.1 | 7.0  |
| 20.6 | 26.1 | 28.6 | 28.1 | 19.9 | 25.5 | 30.1 |
| 2.3  | 4.2  | 14.5 | 9.8  | 6.5  | 8.8  | 2.6  |
| 0.1  | 0.1  | 0.3  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.2  | 0.5  | 0.9  | 1.0  | 0.6  | 0.9  | 0.3  |
| 0.9  | 1.5  | 1.3  | 1.2  | 2.1  | 1.8  | 0.4  |
| 0.0  | 0.0  | 0.5  | 0.4  | 0.4  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 1.4  | 1.5  | 1.7  | 2.5  | 1.2  | 1.2  | 1.7  |
| 0.9  | 1.2  | 1.1  | 1.8  | 1.7  | 1.7  | 2.8  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.5  | 0.5  | 0.1  | 0.6  | 0.0  |
| 3.9  | 4.6  | 4.5  | 5.3  | 4.5  | 4.4  | 3.7  |
| 5.1  | 6.3  | 2.9  | 3.7  | 5.7  | 6.6  | 1.8  |
| 5.4  | 5.1  | 4.8  | 6.6  | 6.9  | 5.6  | 5.0  |
| 3.4  | 4.0  | 3.8  | 3.7  | 6.9  | 4.5  | 2.0  |
| 58.1 | 38.0 | 54.4 | 54.2 | 57.6 | 51.6 | 92.4 |
| 0.5  | 0.7  | 1.0  | 0.7  | 0.8  | 0.6  | 0.1  |
| 13.0 | 18.8 | 23.3 | 20.9 | 15.4 | 18.1 | 18.0 |
| 4.3  | 4.2  | 4.7  | 5.3  | 4.7  | 4.8  | 4.9  |
| 0.2  | 0.3  | 0.2  | 0.2  | 0.4  | 0.3  | 0.3  |
| 4.6  | 4.6  | 4.3  | 4.2  | 5.3  | 5.0  | 3.2  |
| 0.4  | 0.6  | 1.1  | 0.5  | 0.6  | 0.3  | 0.2  |
| 26.1 | 33.7 | 24.2 | 23.1 | 38.9 | 30.0 | 13.1 |
| 0.0  | 0.1  | 0.2  | 0.3  | 0.2  | 0.1  | 0.0  |
| 4.1  | 3.8  | 4.9  | 5.3  | 3.9  | 3.7  | 6.6  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.0  | 1.0  | 0.5  | 0.1  | 0.5  | 0.0  |
| 1.3  | 1.2  | 1.9  | 1.4  | 2.0  | 2.2  | 1.3  |
| 0.3  | 0.1  | 0.4  | 0.3  | 0.3  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.6  | 0.4  | 0.2  | 0.6  | 0.0  |
| 2.5  | 2.9  | 2.4  | 2.3  | 3.4  | 2.3  | 0.5  |
| 0.1  | 0.0  | 0.1  | 0.2  | 0.2  | 0.4  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.3  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.7  | 1.6  | 0.7  | 0.8  | 0.6  | 1.2  | 0.4  |
| 15.4 | 18.3 | 18.2 | 22.2 | 17.3 | 24.1 | 29.0 |
| 4.5  | 5.2  | 3.4  | 3.6  | 6.7  | 6.4  | 2.0  |
| 0.2  | 0.3  | 0.3  | 0.0  | 0.0  | 0.8  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.4  | 0.7  | 0.3  | 0.5  | 0.5  | 0.0  |
| 5.5  | 11.9 | 11.4 | 11.5 | 11.1 | 10.8 | 7.9  |
| 0.8  | 1.0  | 1.5  | 0.7  | 0.8  | 0.8  | 2.3  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.7  | 1.0  | 2.6  | 2.1  | 1.4  | 1.3  | 0.9  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 8.3   | 9.5   | 9.8   | 9.8   | 9.4   | 10.8  | 10.7  |
| 24.5  | 31.2  | 29.8  | 33.1  | 33.3  | 32.5  | 35.4  |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.4   |
| 0.5   | 0.9   | 0.6   | 0.8   | 1.2   | 1.2   | 0.0   |
| 0.9   | 2.2   | 4.2   | 3.7   | 2.8   | 3.5   | 1.1   |
| 0.9   | 2.5   | 4.7   | 4.6   | 2.4   | 3.6   | 1.7   |
| 0.0   | 0.0   | 0.2   | 0.3   | 0.1   | 0.1   | 0.0   |
| 2.6   | 4.8   | 9.4   | 11.6  | 6.6   | 13.8  | 0.8   |
| 0.0   | 0.0   | 0.1   | 0.2   | 0.0   | 0.1   | 0.0   |
| 1.6   | 4.4   | 7.7   | 7.5   | 3.1   | 6.8   | 1.3   |
| 4.6   | 5.7   | 5.5   | 5.1   | 7.2   | 5.2   | 2.8   |
| 0.1   | 0.0   | 1.1   | 0.2   | 0.0   | 0.2   | 0.0   |
| 0.2   | 0.0   | 0.5   | 0.4   | 0.1   | 0.5   | 0.0   |
| 0.1   | 0.1   | 0.3   | 0.0   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.2   | 0.2   | 0.2   | 0.0   | 0.1   | 0.0   |
| 22.2  | 27.6  | 28.3  | 30.1  | 24.3  | 26.1  | 32.0  |
| 0.1   | 0.2   | 0.3   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.3   | 0.3   | 0.6   | 0.6   | 0.4   | 0.6   | 0.2   |
| 81.7  | 91.0  | 81.0  | 84.4  | 127.7 | 107.9 | 77.3  |
| 0.2   | 0.0   | 0.8   | 0.0   | 0.0   | 0.5   | 0.0   |
| 4.3   | 5.5   | 8.6   | 6.2   | 6.9   | 7.6   | 7.0   |
| 3.8   | 4.2   | 4.1   | 4.7   | 4.5   | 4.6   | 6.8   |
| 29.9  | 32.8  | 23.4  | 24.9  | 24.0  | 30.9  | 27.8  |
| 15.5  | 14.9  | 18.4  | 15.8  | 17.8  | 10.0  | 6.4   |
| 6.8   | 8.5   | 7.5   | 8.0   | 9.7   | 9.4   | 9.1   |
| 2.0   | 2.8   | 2.5   | 2.3   | 2.6   | 1.8   | 0.5   |
| 7.0   | 8.3   | 9.8   | 9.3   | 12.3  | 12.5  | 7.4   |
| 0.1   | 0.1   | 0.6   | 0.7   | 0.1   | 0.0   | 0.0   |
| 0.2   | 0.6   | 0.3   | 0.5   | 0.5   | 0.7   | 0.5   |
| 0.5   | 0.2   | 0.6   | 0.7   | 0.5   | 0.5   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 4.0   | 5.3   | 5.2   | 5.4   | 8.9   | 7.0   | 7.9   |
| 63.3  | 53.4  | 54.4  | 58.6  | 67.1  | 71.1  | 51.6  |
| 7.2   | 8.7   | 7.2   | 7.6   | 8.7   | 8.9   | 5.8   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.2   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.2   | 0.1   | 0.0   |
| 111.8 | 172.1 | 191.0 | 186.8 | 168.7 | 163.2 | 132.4 |
| 0.0   | 0.1   | 0.6   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.1   | 0.0   | 0.0   |
| 3.2   | 2.6   | 4.1   | 3.2   | 2.9   | 3.6   | 1.9   |
| 2.0   | 3.0   | 1.9   | 2.4   | 3.1   | 3.1   | 3.0   |
| 6.9   | 8.4   | 7.4   | 9.1   | 8.3   | 10.3  | 8.7   |
| 19.8  | 37.7  | 35.9  | 42.2  | 38.0  | 30.1  | 35.6  |
| 0.0   | 0.0   | 0.2   | 0.3   | 0.3   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.1   | 0.1   | 0.1   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.3   | 0.4   | 0.2   | 0.5   | 0.0   |
| 23.9  | 24.3  | 21.2  | 21.2  | 35.6  | 23.6  | 10.3  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 7.3  | 9.4  | 11.3 | 11.9 | 9.1  | 8.0  | 13.4 |
| 3.8  | 4.5  | 3.8  | 5.0  | 6.1  | 6.9  | 5.2  |
| 3.1  | 3.2  | 3.0  | 3.9  | 3.4  | 3.4  | 0.9  |
| 2.6  | 3.9  | 5.8  | 5.1  | 3.9  | 5.2  | 4.5  |
| 1.3  | 1.3  | 1.1  | 1.0  | 2.1  | 1.4  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.3  | 0.1  | 0.4  | 0.1  | 0.4  | 1.5  |
| 7.8  | 5.1  | 7.7  | 9.6  | 8.0  | 7.8  | 13.6 |
| 2.7  | 4.2  | 7.0  | 6.6  | 4.4  | 6.8  | 5.0  |
| 0.4  | 0.5  | 0.7  | 0.9  | 0.6  | 0.5  | 0.0  |
| 0.2  | 0.4  | 0.8  | 0.8  | 0.5  | 0.9  | 0.5  |
| 1.7  | 2.7  | 2.8  | 3.5  | 2.3  | 2.2  | 2.4  |
| 1.3  | 1.2  | 1.7  | 1.9  | 1.9  | 1.1  | 1.6  |
| 1.2  | 1.9  | 3.8  | 2.8  | 2.4  | 2.4  | 0.1  |
| 0.6  | 0.3  | 1.5  | 0.9  | 0.9  | 1.0  | 0.0  |
| 0.6  | 1.0  | 1.2  | 0.7  | 1.2  | 1.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 11.0 | 8.9  | 10.4 | 12.1 | 10.3 | 10.0 | 16.7 |
| 0.0  | 0.1  | 0.0  | 0.6  | 0.0  | 0.5  | 0.0  |
| 1.9  | 1.5  | 1.9  | 2.4  | 2.6  | 1.1  | 1.7  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.6  | 0.6  | 1.5  | 1.3  | 2.0  | 1.5  | 1.6  |
| 0.8  | 0.8  | 0.9  | 0.8  | 1.0  | 0.8  | 1.0  |
| 0.2  | 0.1  | 0.5  | 0.8  | 0.2  | 0.3  | 0.0  |
| 0.1  | 0.0  | 0.0  | 0.1  | 0.0  | 0.3  | 0.0  |
| 0.9  | 1.2  | 1.0  | 1.2  | 1.8  | 1.0  | 1.1  |
| 44.2 | 41.1 | 39.4 | 45.4 | 44.9 | 35.5 | 34.9 |
| 0.2  | 0.4  | 1.1  | 1.2  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.0  | 0.2  | 0.3  | 0.1  | 0.0  |
| 0.4  | 1.1  | 2.3  | 1.7  | 1.0  | 1.9  | 0.4  |
| 1.7  | 2.0  | 1.8  | 1.6  | 1.8  | 1.9  | 2.6  |
| 0.1  | 0.1  | 0.4  | 0.3  | 0.2  | 0.2  | 0.0  |
| 26.9 | 30.3 | 25.8 | 28.1 | 28.4 | 30.4 | 26.7 |
| 9.3  | 15.0 | 10.0 | 12.0 | 15.3 | 13.9 | 12.8 |
| 7.0  | 5.9  | 7.7  | 10.6 | 6.7  | 8.2  | 15.3 |
| 0.3  | 0.7  | 0.4  | 0.8  | 0.6  | 0.2  | 0.0  |
| 74.4 | 81.6 | 53.8 | 75.6 | 82.6 | 89.1 | 89.4 |
| 24.2 | 22.7 | 14.7 | 12.7 | 21.5 | 15.8 | 5.0  |
| 5.4  | 6.6  | 5.3  | 4.6  | 8.9  | 6.9  | 2.4  |
| 4.2  | 5.4  | 5.2  | 5.9  | 4.9  | 5.5  | 5.2  |
| 18.3 | 20.5 | 15.3 | 17.9 | 21.3 | 18.3 | 15.5 |
| 0.2  | 0.1  | 0.4  | 0.5  | 0.1  | 0.2  | 0.0  |
| 9.9  | 10.2 | 1.6  | 2.2  | 4.1  | 11.8 | 3.8  |
| 0.9  | 1.3  | 1.2  | 1.5  | 1.6  | 1.5  | 0.2  |
| 0.1  | 0.1  | 0.3  | 0.4  | 0.1  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.5  | 0.1  | 0.1  | 0.1  | 0.0  |

|      |       |       |       |       |       |      |
|------|-------|-------|-------|-------|-------|------|
| 0.8  | 0.8   | 0.3   | 0.5   | 1.0   | 0.0   | 0.0  |
| 2.8  | 4.2   | 5.7   | 5.9   | 5.5   | 4.8   | 2.6  |
| 11.7 | 16.7  | 25.4  | 22.1  | 17.8  | 8.5   | 5.9  |
| 0.3  | 0.3   | 1.2   | 1.2   | 0.3   | 0.6   | 0.0  |
| 5.9  | 7.0   | 6.9   | 6.0   | 8.4   | 7.5   | 6.1  |
| 0.1  | 0.1   | 0.5   | 0.5   | 0.3   | 0.2   | 0.0  |
| 5.8  | 4.7   | 4.4   | 3.8   | 8.5   | 6.4   | 1.8  |
| 1.7  | 2.1   | 2.0   | 2.1   | 3.3   | 2.0   | 2.1  |
| 0.1  | 0.2   | 0.2   | 0.4   | 0.1   | 0.2   | 0.0  |
| 0.1  | 0.3   | 0.5   | 0.5   | 0.2   | 0.5   | 0.0  |
| 0.0  | 0.1   | 0.1   | 0.2   | 0.0   | 0.2   | 0.1  |
| 1.2  | 1.6   | 1.3   | 1.6   | 1.7   | 2.4   | 4.5  |
| 4.0  | 6.4   | 5.5   | 4.8   | 6.3   | 5.5   | 0.8  |
| 0.0  | 0.0   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0  |
| 0.2  | 0.3   | 1.3   | 0.9   | 0.6   | 0.8   | 0.1  |
| 6.0  | 7.6   | 8.6   | 8.1   | 8.1   | 9.5   | 3.0  |
| 96.4 | 107.2 | 114.1 | 115.3 | 112.3 | 105.9 | 82.0 |
| 4.1  | 4.8   | 4.9   | 5.4   | 6.5   | 5.1   | 5.0  |
| 0.0  | 0.0   | 0.0   | 0.2   | 0.1   | 0.0   | 0.0  |
| 0.7  | 1.1   | 2.7   | 2.5   | 1.6   | 0.9   | 0.0  |
| 2.3  | 7.1   | 1.4   | 4.5   | 2.4   | 0.8   | 0.6  |
| 8.6  | 6.5   | 11.4  | 13.0  | 10.3  | 10.6  | 22.4 |
| 77.9 | 88.0  | 72.0  | 80.2  | 95.6  | 104.3 | 89.2 |
| 11.5 | 11.8  | 11.6  | 13.0  | 12.6  | 12.4  | 14.8 |
| 0.4  | 0.7   | 1.6   | 1.4   | 0.5   | 1.2   | 0.3  |
| 0.1  | 0.0   | 0.2   | 0.3   | 0.0   | 0.3   | 0.0  |
| 7.3  | 9.1   | 15.7  | 14.8  | 10.3  | 11.1  | 9.4  |
| 5.6  | 6.8   | 7.1   | 8.6   | 7.0   | 6.8   | 6.0  |
| 0.2  | 0.4   | 0.6   | 0.7   | 0.5   | 0.9   | 0.4  |
| 1.0  | 1.2   | 1.0   | 1.2   | 1.1   | 1.3   | 1.0  |
| 0.3  | 0.6   | 0.5   | 1.0   | 0.8   | 0.2   | 0.0  |
| 13.3 | 16.2  | 16.7  | 21.0  | 15.5  | 17.5  | 14.6 |
| 3.2  | 3.3   | 1.7   | 1.4   | 2.9   | 4.8   | 0.8  |
| 9.9  | 11.0  | 12.5  | 12.4  | 13.0  | 9.3   | 6.9  |
| 0.0  | 0.1   | 0.1   | 0.3   | 0.1   | 0.2   | 0.0  |
| 7.1  | 6.2   | 7.0   | 10.3  | 7.9   | 8.4   | 10.1 |
| 0.1  | 0.1   | 0.0   | 0.1   | 0.1   | 0.2   | 0.0  |
| 0.0  | 0.0   | 0.0   | 0.3   | 0.0   | 0.0   | 0.0  |
| 0.1  | 0.4   | 0.3   | 0.3   | 0.4   | 0.5   | 0.0  |
| 0.3  | 0.3   | 0.5   | 0.2   | 0.0   | 0.2   | 0.0  |
| 0.0  | 0.1   | 0.2   | 0.2   | 0.1   | 0.3   | 0.0  |
| 0.2  | 0.4   | 0.2   | 0.5   | 0.6   | 0.8   | 1.6  |
| 2.6  | 4.5   | 3.8   | 6.2   | 2.5   | 5.1   | 5.8  |
| 5.2  | 7.2   | 6.8   | 7.3   | 6.4   | 6.5   | 6.0  |
| 1.4  | 2.6   | 3.9   | 3.6   | 1.9   | 3.3   | 2.4  |
| 0.1  | 0.1   | 0.5   | 0.5   | 0.2   | 0.2   | 0.0  |
| 2.6  | 2.2   | 3.3   | 2.9   | 2.5   | 2.2   | 2.0  |



|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 35.9 | 39.8 | 53.7 | 65.8 | 56.7 | 36.8 | 52.2 |
| 5.2  | 6.6  | 9.7  | 10.3 | 9.1  | 9.5  | 8.6  |
| 9.2  | 9.2  | 11.5 | 10.4 | 15.4 | 14.1 | 7.9  |
| 4.0  | 7.3  | 7.7  | 8.0  | 5.7  | 9.4  | 4.7  |
| 7.0  | 12.2 | 9.7  | 10.5 | 9.1  | 11.2 | 8.2  |
| 3.3  | 5.1  | 6.0  | 6.0  | 4.6  | 6.5  | 4.7  |
| 6.6  | 8.4  | 5.1  | 5.4  | 7.2  | 8.2  | 4.4  |
| 0.1  | 0.2  | 0.6  | 0.4  | 0.2  | 0.4  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.3  | 0.3  | 0.0  | 0.0  |
| 0.0  | 0.3  | 0.1  | 0.3  | 0.1  | 0.5  | 0.0  |
| 0.7  | 1.3  | 1.2  | 0.9  | 1.4  | 1.3  | 0.4  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.3  | 0.3  | 0.4  | 0.4  | 0.0  |
| 3.7  | 3.4  | 3.6  | 3.7  | 5.0  | 4.4  | 1.1  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 12.6 | 16.5 | 15.6 | 14.8 | 19.5 | 26.0 | 19.5 |
| 20.1 | 27.2 | 21.2 | 22.9 | 28.2 | 21.1 | 23.8 |
| 3.0  | 4.1  | 4.3  | 5.1  | 3.9  | 4.7  | 5.0  |
| 4.7  | 4.6  | 2.9  | 4.5  | 5.4  | 5.7  | 7.1  |
| 0.8  | 1.6  | 3.8  | 3.5  | 1.1  | 1.8  | 0.6  |
| 1.5  | 1.6  | 1.6  | 1.7  | 2.5  | 1.9  | 0.5  |
| 0.1  | 0.0  | 0.1  | 0.1  | 0.0  | 0.2  | 0.0  |
| 0.1  | 0.0  | 0.1  | 0.4  | 0.1  | 0.1  | 0.0  |
| 1.9  | 3.1  | 3.6  | 4.0  | 3.0  | 2.8  | 0.8  |
| 2.0  | 3.4  | 0.9  | 1.0  | 2.9  | 1.4  | 2.2  |
| 0.8  | 0.8  | 0.8  | 0.6  | 1.3  | 0.9  | 0.0  |
| 0.2  | 0.3  | 0.5  | 0.8  | 0.3  | 2.5  | 0.4  |
| 1.7  | 3.4  | 4.4  | 3.6  | 2.4  | 4.9  | 3.0  |
| 6.5  | 13.9 | 15.7 | 16.1 | 12.9 | 13.0 | 5.8  |
| 19.8 | 20.0 | 37.5 | 31.0 | 21.3 | 16.6 | 10.6 |
| 6.5  | 7.2  | 6.6  | 7.6  | 10.7 | 9.3  | 5.1  |
| 1.1  | 1.5  | 1.4  | 1.2  | 1.1  | 2.0  | 1.8  |
| 0.3  | 0.7  | 1.2  | 1.1  | 0.5  | 0.9  | 0.1  |
| 6.8  | 14.1 | 14.9 | 16.9 | 12.3 | 15.2 | 17.4 |
| 29.7 | 34.3 | 35.0 | 34.2 | 44.5 | 40.3 | 32.5 |
| 0.1  | 0.1  | 0.3  | 0.5  | 0.2  | 0.7  | 0.0  |
| 8.5  | 10.4 | 13.4 | 12.4 | 11.8 | 12.0 | 12.8 |
| 0.0  | 0.1  | 0.3  | 0.0  | 0.0  | 0.1  | 0.0  |
| 3.1  | 2.8  | 4.5  | 4.3  | 3.6  | 3.4  | 2.9  |
| 0.3  | 0.4  | 0.6  | 0.7  | 0.3  | 0.3  | 0.0  |
| 3.8  | 5.1  | 7.2  | 4.4  | 5.0  | 6.8  | 7.0  |
| 0.1  | 0.1  | 0.8  | 0.5  | 0.2  | 0.4  | 0.0  |
| 4.2  | 4.7  | 4.2  | 4.6  | 6.7  | 8.0  | 3.0  |
| 0.3  | 0.1  | 0.4  | 0.2  | 0.1  | 0.0  | 1.2  |
| 0.0  | 0.1  | 0.0  | 0.0  | 0.1  | 0.1  | 0.0  |
| 0.3  | 0.1  | 0.2  | 0.3  | 0.2  | 0.2  | 0.9  |
| 1.5  | 2.6  | 2.1  | 2.3  | 1.9  | 2.8  | 2.1  |

|      |       |       |       |       |       |      |
|------|-------|-------|-------|-------|-------|------|
| 0.0  | 2.7   | 0.5   | 0.3   | 0.0   | 0.2   | 0.0  |
| 0.0  | 0.0   | 0.0   | 0.1   | 0.0   | 0.1   | 0.0  |
| 1.2  | 0.9   | 2.4   | 4.4   | 2.2   | 1.9   | 1.0  |
| 2.0  | 3.5   | 3.8   | 4.0   | 3.9   | 4.6   | 0.0  |
| 3.2  | 3.9   | 3.6   | 3.9   | 4.6   | 4.8   | 1.1  |
| 12.4 | 11.4  | 13.4  | 21.1  | 11.7  | 12.4  | 12.8 |
| 0.0  | 0.1   | 0.5   | 0.2   | 0.0   | 0.1   | 0.0  |
| 1.7  | 1.2   | 3.4   | 2.4   | 2.5   | 2.4   | 0.2  |
| 0.4  | 0.3   | 0.1   | 0.5   | 0.0   | 0.0   | 1.0  |
| 9.6  | 14.5  | 10.5  | 11.2  | 15.9  | 15.7  | 8.0  |
| 7.6  | 10.4  | 12.3  | 11.3  | 10.4  | 10.8  | 11.2 |
| 0.2  | 0.3   | 0.5   | 0.6   | 0.1   | 0.4   | 0.2  |
| 3.1  | 2.9   | 2.7   | 3.0   | 3.6   | 2.9   | 2.8  |
| 0.0  | 0.1   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0  |
| 6.4  | 9.1   | 10.3  | 11.5  | 8.8   | 8.8   | 9.1  |
| 0.0  | 0.0   | 0.1   | 0.2   | 0.0   | 0.1   | 0.0  |
| 0.1  | 0.1   | 0.2   | 0.4   | 0.1   | 0.1   | 0.0  |
| 96.2 | 127.2 | 111.6 | 137.4 | 109.7 | 112.6 | 89.3 |
| 0.4  | 0.4   | 0.9   | 0.5   | 0.5   | 0.5   | 0.0  |
| 9.0  | 11.4  | 10.6  | 13.2  | 13.2  | 13.8  | 9.7  |
| 0.0  | 0.0   | 0.8   | 0.8   | 0.0   | 0.0   | 0.0  |
| 1.2  | 1.7   | 1.5   | 3.6   | 1.8   | 1.5   | 1.6  |
| 0.3  | 0.2   | 0.7   | 0.8   | 0.1   | 0.6   | 0.0  |
| 0.1  | 0.0   | 0.4   | 0.4   | 0.0   | 0.0   | 0.0  |
| 3.0  | 4.1   | 2.6   | 3.0   | 4.1   | 4.2   | 1.4  |
| 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 0.1  | 0.1   | 1.3   | 0.1   | 0.0   | 0.4   | 0.0  |
| 8.3  | 8.7   | 6.4   | 8.1   | 10.8  | 10.5  | 6.8  |
| 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 0.3  | 0.6   | 0.8   | 0.8   | 0.6   | 0.8   | 0.9  |
| 0.0  | 0.0   | 0.3   | 0.2   | 0.1   | 0.0   | 0.0  |
| 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 0.7  | 2.2   | 5.3   | 4.3   | 1.6   | 2.8   | 0.1  |
| 0.4  | 0.3   | 0.3   | 0.3   | 0.4   | 0.4   | 0.2  |
| 3.0  | 3.6   | 3.1   | 3.6   | 3.7   | 4.3   | 1.9  |
| 0.0  | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0  |
| 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 5.5  | 4.2   | 7.9   | 10.0  | 7.9   | 7.7   | 9.3  |
| 0.0  | 0.1   | 0.2   | 0.2   | 0.0   | 0.2   | 0.0  |
| 0.0  | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0  |
| 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 2.7  | 2.0   | 11.1  | 7.8   | 2.5   | 11.1  | 0.0  |
| 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 0.0  | 0.2   | 0.6   | 0.6   | 0.1   | 0.0   | 0.0  |
| 0.3  | 0.2   | 0.9   | 0.8   | 0.1   | 0.7   | 0.0  |
| 0.0  | 0.3   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 3.0  | 2.7   | 4.9   | 5.9   | 4.7   | 4.1   | 5.0  |

|      |      |      |      |       |      |       |
|------|------|------|------|-------|------|-------|
| 4.9  | 8.2  | 4.2  | 6.4  | 7.2   | 8.1  | 8.3   |
| 0.1  | 0.2  | 0.5  | 0.2  | 0.2   | 0.7  | 0.0   |
| 0.1  | 0.0  | 0.1  | 0.3  | 0.1   | 0.1  | 0.0   |
| 3.0  | 2.4  | 2.8  | 2.0  | 3.5   | 3.4  | 3.0   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.5  | 1.1  | 1.8  | 1.2  | 1.2   | 1.7  | 0.9   |
| 0.1  | 0.0  | 0.5  | 0.1  | 0.0   | 0.1  | 0.0   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   |
| 8.6  | 13.5 | 15.8 | 14.7 | 12.3  | 11.9 | 9.8   |
| 1.5  | 1.6  | 1.6  | 1.3  | 2.4   | 1.8  | 0.8   |
| 2.4  | 2.3  | 1.6  | 1.5  | 1.7   | 2.1  | 3.1   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.3  | 0.3  | 0.5  | 0.7  | 1.3   | 0.6  | 0.3   |
| 0.4  | 1.0  | 1.5  | 1.8  | 0.9   | 1.2  | 0.4   |
| 1.7  | 3.0  | 2.0  | 2.3  | 3.0   | 2.3  | 0.4   |
| 0.6  | 0.8  | 1.2  | 0.9  | 1.1   | 0.8  | 0.6   |
| 0.3  | 0.4  | 0.6  | 0.8  | 0.6   | 0.5  | 0.0   |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0   | 0.0  | 0.0   |
| 24.3 | 19.2 | 22.4 | 27.5 | 26.1  | 25.4 | 54.0  |
| 0.8  | 1.9  | 2.8  | 2.4  | 1.4   | 2.6  | 0.9   |
| 5.5  | 7.3  | 4.8  | 5.0  | 7.2   | 7.7  | 2.9   |
| 16.7 | 17.6 | 19.2 | 29.7 | 20.1  | 21.3 | 23.8  |
| 11.8 | 10.6 | 10.4 | 10.2 | 13.0  | 12.6 | 11.1  |
| 0.1  | 0.1  | 0.4  | 0.3  | 0.1   | 0.2  | 0.4   |
| 71.6 | 77.4 | 70.5 | 74.8 | 101.1 | 88.2 | 117.8 |
| 0.8  | 0.7  | 3.3  | 1.4  | 0.7   | 0.9  | 1.9   |
| 0.2  | 0.1  | 0.3  | 0.4  | 0.2   | 0.2  | 0.0   |
| 0.0  | 0.2  | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   |
| 10.1 | 10.2 | 11.8 | 15.3 | 12.0  | 8.1  | 12.6  |
| 0.1  | 0.1  | 0.2  | 0.1  | 0.1   | 0.1  | 0.0   |
| 1.2  | 1.6  | 1.7  | 1.7  | 1.7   | 2.1  | 1.6   |
| 4.6  | 4.8  | 1.5  | 5.0  | 4.0   | 7.0  | 8.7   |
| 0.8  | 1.2  | 1.5  | 1.3  | 0.8   | 1.7  | 0.4   |
| 0.1  | 0.1  | 0.5  | 0.5  | 0.1   | 0.0  | 0.0   |
| 0.2  | 0.5  | 0.8  | 1.0  | 0.6   | 0.5  | 0.5   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   |
| 44.3 | 54.0 | 21.2 | 22.0 | 41.5  | 62.1 | 76.7  |
| 33.8 | 45.7 | 37.7 | 36.5 | 50.7  | 43.5 | 25.9  |
| 6.2  | 5.9  | 5.9  | 8.7  | 6.8   | 7.6  | 9.6   |
| 0.1  | 0.1  | 0.5  | 0.4  | 0.1   | 0.8  | 0.0   |
| 0.2  | 0.3  | 0.4  | 0.7  | 0.0   | 0.2  | 0.0   |
| 0.0  | 0.0  | 0.1  | 0.3  | 0.4   | 0.0  | 0.0   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.4  | 0.0   |
| 0.0  | 0.4  | 1.6  | 0.8  | 0.3   | 1.5  | 0.7   |
| 16.1 | 13.7 | 14.4 | 14.0 | 19.5  | 18.9 | 10.3  |
| 0.2  | 0.2  | 1.0  | 0.1  | 0.2   | 0.1  | 0.0   |
| 2.7  | 3.5  | 4.1  | 5.4  | 4.6   | 2.7  | 4.5   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.5  | 1.0  | 2.3  | 1.0  | 0.9  | 1.2  | 1.7  |
| 7.3  | 4.9  | 3.3  | 4.2  | 6.9  | 3.3  | 1.4  |
| 0.9  | 1.2  | 1.9  | 2.7  | 1.6  | 2.6  | 1.0  |
| 0.3  | 0.4  | 0.4  | 0.5  | 0.8  | 0.6  | 0.6  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.2  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.9  | 0.5  | 0.4  | 0.1  | 0.0  |
| 29.0 | 65.0 | 81.9 | 99.4 | 73.5 | 58.5 | 56.2 |
| 0.3  | 0.3  | 0.5  | 0.4  | 0.3  | 0.1  | 0.4  |
| 0.9  | 1.0  | 2.2  | 1.9  | 2.0  | 1.7  | 1.7  |
| 2.4  | 3.2  | 2.8  | 2.1  | 4.3  | 3.0  | 0.6  |
| 0.0  | 0.1  | 0.1  | 0.4  | 0.1  | 0.0  | 0.0  |
| 1.8  | 2.1  | 3.2  | 3.0  | 2.4  | 3.2  | 4.5  |
| 0.0  | 0.1  | 0.5  | 0.4  | 0.2  | 0.6  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.6  | 0.6  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.3  | 0.1  | 0.2  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.1  | 0.3  | 0.0  |
| 1.8  | 2.5  | 2.7  | 2.7  | 2.9  | 3.5  | 1.5  |
| 0.1  | 0.1  | 0.2  | 0.3  | 0.2  | 0.3  | 0.0  |
| 4.1  | 3.7  | 6.4  | 6.5  | 5.5  | 6.4  | 3.8  |
| 0.2  | 0.2  | 0.1  | 0.3  | 0.0  | 0.2  | 0.0  |
| 2.2  | 2.8  | 3.1  | 3.3  | 3.4  | 3.0  | 3.0  |
| 0.4  | 1.9  | 2.7  | 2.7  | 1.2  | 2.5  | 1.2  |
| 2.9  | 4.1  | 3.3  | 3.2  | 3.7  | 4.2  | 3.0  |
| 0.2  | 0.2  | 0.0  | 0.0  | 0.1  | 0.3  | 0.0  |
| 1.1  | 1.2  | 0.1  | 0.3  | 1.8  | 0.7  | 0.0  |
| 2.1  | 1.6  | 1.6  | 1.2  | 1.4  | 2.2  | 1.0  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.1  | 0.0  |
| 1.5  | 2.3  | 1.9  | 2.3  | 2.4  | 2.6  | 0.0  |
| 10.3 | 9.6  | 11.4 | 13.6 | 12.9 | 7.6  | 9.4  |
| 14.6 | 18.1 | 14.8 | 15.9 | 19.7 | 19.4 | 11.9 |
| 0.7  | 1.8  | 2.0  | 2.6  | 1.5  | 2.3  | 0.4  |
| 7.4  | 5.9  | 7.2  | 9.0  | 8.3  | 7.5  | 14.8 |
| 5.3  | 13.2 | 13.9 | 14.9 | 11.8 | 16.4 | 14.3 |
| 2.3  | 2.8  | 3.6  | 2.8  | 2.8  | 3.1  | 3.7  |
| 3.3  | 3.6  | 3.1  | 3.7  | 4.3  | 4.2  | 4.6  |
| 3.6  | 3.2  | 5.2  | 6.8  | 4.7  | 4.9  | 4.9  |
| 17.6 | 24.2 | 21.1 | 22.1 | 22.1 | 24.8 | 20.3 |
| 2.0  | 2.4  | 3.7  | 5.3  | 3.2  | 3.8  | 1.8  |
| 11.4 | 12.2 | 6.0  | 6.5  | 7.3  | 12.8 | 8.8  |
| 5.8  | 8.0  | 9.5  | 11.9 | 7.0  | 8.8  | 4.8  |
| 0.4  | 1.1  | 2.1  | 2.3  | 0.9  | 2.1  | 0.3  |
| 0.5  | 0.6  | 0.4  | 0.5  | 0.6  | 0.6  | 0.5  |
| 7.7  | 8.1  | 6.2  | 7.1  | 13.0 | 10.4 | 1.0  |
| 24.4 | 34.1 | 27.2 | 27.4 | 26.0 | 29.1 | 31.8 |
| 0.2  | 0.4  | 0.5  | 0.4  | 0.4  | 0.1  | 0.0  |
| 1.6  | 1.6  | 2.7  | 2.8  | 3.2  | 2.5  | 1.6  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 10.9  | 12.0  | 9.5   | 10.1  | 16.2  | 13.4  | 3.8   |
| 0.5   | 0.5   | 0.9   | 0.7   | 0.7   | 0.7   | 1.0   |
| 2.2   | 1.7   | 2.4   | 3.2   | 2.8   | 3.1   | 4.3   |
| 0.2   | 0.1   | 0.4   | 0.2   | 0.1   | 0.6   | 0.6   |
| 26.4  | 27.2  | 23.4  | 26.6  | 25.1  | 36.3  | 47.1  |
| 5.8   | 4.8   | 6.7   | 6.4   | 7.7   | 7.2   | 6.1   |
| 9.1   | 10.2  | 9.4   | 12.2  | 11.5  | 11.3  | 11.8  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.4   | 0.0   |
| 0.0   | 0.0   | 0.3   | 0.2   | 0.0   | 0.1   | 0.0   |
| 2.4   | 2.5   | 4.2   | 3.9   | 2.4   | 2.4   | 1.2   |
| 11.2  | 12.0  | 14.0  | 14.4  | 15.2  | 14.7  | 7.2   |
| 5.3   | 7.7   | 6.7   | 6.5   | 8.1   | 7.3   | 4.1   |
| 0.1   | 0.3   | 0.7   | 0.4   | 0.3   | 0.5   | 0.3   |
| 1.2   | 2.3   | 3.9   | 3.4   | 2.8   | 5.3   | 2.1   |
| 0.0   | 0.1   | 0.2   | 0.2   | 0.1   | 0.0   | 0.0   |
| 0.2   | 0.9   | 1.9   | 1.6   | 0.4   | 1.3   | 0.1   |
| 1.4   | 1.5   | 1.2   | 2.3   | 2.5   | 2.4   | 4.1   |
| 0.0   | 0.0   | 0.1   | 0.2   | 0.1   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.4   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.3   | 0.4   | 0.1   | 0.0   | 0.0   |
| 0.5   | 0.4   | 0.4   | 0.6   | 0.5   | 0.5   | 0.1   |
| 8.2   | 7.8   | 9.4   | 12.6  | 9.7   | 8.5   | 12.5  |
| 0.0   | 0.1   | 0.5   | 0.1   | 0.3   | 0.3   | 0.0   |
| 2.8   | 3.9   | 5.2   | 3.6   | 3.9   | 3.4   | 3.4   |
| 0.1   | 0.0   | 0.2   | 0.1   | 0.0   | 0.0   | 0.0   |
| 11.4  | 17.8  | 15.9  | 13.4  | 17.3  | 18.6  | 9.9   |
| 1.5   | 2.5   | 1.3   | 1.2   | 2.3   | 2.6   | 1.7   |
| 5.9   | 7.2   | 6.8   | 7.0   | 10.2  | 7.6   | 6.2   |
| 4.5   | 5.6   | 6.5   | 6.7   | 6.9   | 4.5   | 3.6   |
| 1.1   | 1.4   | 1.5   | 1.4   | 1.3   | 1.6   | 0.4   |
| 177.2 | 349.0 | 276.0 | 291.2 | 291.4 | 150.1 | 142.9 |
| 0.2   | 0.2   | 0.8   | 0.5   | 0.3   | 0.2   | 0.0   |
| 30.0  | 38.6  | 39.3  | 49.8  | 39.9  | 40.8  | 43.1  |
| 4.7   | 5.9   | 6.2   | 6.6   | 4.7   | 4.9   | 8.1   |
| 49.7  | 54.6  | 64.8  | 65.0  | 59.5  | 57.1  | 71.0  |
| 0.0   | 0.3   | 0.7   | 0.1   | 0.2   | 0.3   | 0.0   |
| 0.9   | 1.5   | 1.2   | 2.3   | 1.8   | 2.8   | 1.5   |
| 0.3   | 0.4   | 0.4   | 1.1   | 0.7   | 0.4   | 0.6   |
| 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   |
| 38.5  | 38.8  | 41.4  | 39.9  | 52.4  | 49.2  | 38.8  |
| 4.3   | 5.9   | 3.7   | 5.0   | 6.0   | 6.9   | 6.2   |
| 4.0   | 4.0   | 4.4   | 4.7   | 5.8   | 5.6   | 4.2   |
| 16.7  | 18.4  | 15.5  | 18.8  | 20.0  | 22.8  | 22.2  |
| 6.1   | 5.0   | 7.6   | 8.1   | 9.1   | 8.7   | 5.2   |
| 7.6   | 10.3  | 8.7   | 7.6   | 13.3  | 11.0  | 6.0   |
| 2.0   | 2.2   | 1.3   | 1.6   | 3.0   | 2.4   | 0.9   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |

|      |       |      |       |       |       |      |
|------|-------|------|-------|-------|-------|------|
| 0.0  | 0.1   | 0.2  | 0.1   | 0.1   | 0.0   | 0.1  |
| 0.0  | 0.0   | 0.1  | 0.0   | 0.1   | 0.0   | 0.0  |
| 0.2  | 0.1   | 0.6  | 0.6   | 0.3   | 0.5   | 0.4  |
| 3.9  | 3.1   | 3.6  | 4.7   | 4.2   | 4.5   | 2.6  |
| 0.1  | 0.0   | 0.1  | 0.1   | 0.0   | 0.2   | 0.0  |
| 1.5  | 1.9   | 1.5  | 1.5   | 2.0   | 1.9   | 0.6  |
| 0.0  | 0.1   | 0.2  | 0.4   | 0.0   | 0.2   | 0.0  |
| 3.1  | 3.8   | 4.0  | 4.4   | 3.1   | 3.5   | 4.0  |
| 6.8  | 4.4   | 5.3  | 8.0   | 6.8   | 4.8   | 13.5 |
| 8.5  | 10.7  | 8.4  | 9.7   | 13.8  | 9.8   | 4.0  |
| 0.0  | 0.0   | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
| 0.0  | 0.0   | 0.1  | 0.1   | 0.1   | 0.1   | 0.0  |
| 0.0  | 0.0   | 0.8  | 0.5   | 0.0   | 0.4   | 0.0  |
| 85.9 | 115.2 | 94.6 | 106.4 | 125.3 | 122.0 | 90.3 |
| 6.6  | 7.6   | 11.5 | 11.9  | 10.3  | 8.7   | 8.0  |
| 0.3  | 0.5   | 0.3  | 0.5   | 0.3   | 0.4   | 0.2  |
| 28.0 | 33.1  | 35.9 | 34.6  | 30.9  | 29.5  | 39.3 |
| 0.0  | 0.0   | 0.0  | 0.0   | 0.0   | 0.1   | 0.0  |
| 35.7 | 48.9  | 38.9 | 45.1  | 37.8  | 47.4  | 51.4 |
| 0.1  | 0.2   | 0.4  | 0.3   | 0.2   | 0.1   | 0.6  |
| 26.5 | 30.0  | 21.6 | 21.6  | 30.6  | 40.9  | 16.5 |
| 0.0  | 0.0   | 0.2  | 0.5   | 0.0   | 0.1   | 0.0  |
| 0.1  | 0.0   | 0.0  | 0.2   | 0.0   | 0.0   | 0.0  |
| 1.3  | 2.6   | 7.4  | 4.2   | 2.8   | 5.1   | 0.0  |
| 7.7  | 7.0   | 10.9 | 9.9   | 8.3   | 7.3   | 5.3  |
| 0.1  | 0.1   | 0.2  | 0.2   | 0.2   | 0.2   | 0.8  |
| 3.6  | 3.2   | 4.7  | 4.3   | 5.0   | 4.0   | 2.2  |
| 1.6  | 1.9   | 2.0  | 1.8   | 2.3   | 2.2   | 0.5  |
| 3.1  | 4.1   | 3.6  | 3.9   | 4.0   | 4.2   | 3.9  |
| 0.1  | 0.1   | 0.4  | 0.5   | 0.2   | 0.3   | 0.2  |
| 3.5  | 4.4   | 3.8  | 3.2   | 6.2   | 4.3   | 1.1  |
| 0.2  | 0.3   | 0.3  | 0.3   | 0.2   | 0.3   | 0.3  |
| 0.3  | 0.3   | 0.6  | 0.7   | 0.3   | 0.4   | 0.0  |
| 0.7  | 1.8   | 1.3  | 1.7   | 1.6   | 1.3   | 3.4  |
| 3.9  | 5.9   | 8.0  | 7.2   | 6.2   | 9.7   | 1.9  |
| 0.9  | 1.1   | 1.2  | 1.0   | 1.9   | 2.0   | 0.8  |
| 0.0  | 0.0   | 0.5  | 0.1   | 0.2   | 0.4   | 0.0  |
| 0.2  | 0.0   | 0.2  | 0.2   | 0.0   | 0.1   | 0.0  |
| 0.9  | 1.1   | 1.2  | 1.1   | 1.8   | 1.4   | 0.8  |
| 0.2  | 0.2   | 0.5  | 0.4   | 0.2   | 0.2   | 0.0  |
| 0.0  | 0.0   | 0.1  | 0.1   | 0.0   | 0.1   | 0.0  |
| 0.0  | 0.1   | 0.3  | 0.4   | 0.1   | 0.0   | 0.0  |
| 1.0  | 0.7   | 2.4  | 0.8   | 1.1   | 0.5   | 2.1  |
| 0.6  | 1.4   | 1.6  | 1.5   | 1.4   | 1.8   | 0.3  |
| 4.8  | 5.7   | 8.4  | 5.5   | 8.8   | 7.4   | 5.5  |
| 7.5  | 12.2  | 13.9 | 13.2  | 16.2  | 9.8   | 5.1  |
| 0.0  | 0.0   | 0.0  | 0.4   | 0.4   | 0.3   | 0.0  |

|      |      |      |      |       |      |       |
|------|------|------|------|-------|------|-------|
| 1.7  | 1.5  | 1.6  | 1.9  | 1.7   | 0.7  | 1.9   |
| 2.9  | 3.6  | 2.9  | 3.3  | 3.1   | 3.1  | 2.7   |
| 0.2  | 0.4  | 0.2  | 0.4  | 0.1   | 0.6  | 0.1   |
| 1.4  | 0.9  | 1.5  | 1.7  | 2.1   | 1.7  | 1.4   |
| 0.1  | 0.2  | 0.3  | 0.2  | 0.4   | 0.0  | 0.0   |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0   | 0.0  | 0.0   |
| 1.7  | 2.3  | 4.1  | 3.3  | 2.7   | 1.7  | 1.3   |
| 0.3  | 0.3  | 1.8  | 0.3  | 0.3   | 0.0  | 0.0   |
| 8.3  | 5.1  | 7.5  | 10.3 | 9.0   | 8.3  | 12.1  |
| 0.1  | 0.3  | 0.4  | 0.4  | 0.4   | 0.7  | 0.2   |
| 0.3  | 0.3  | 0.4  | 0.3  | 0.3   | 0.1  | 0.0   |
| 0.4  | 0.7  | 0.2  | 0.4  | 0.7   | 0.8  | 0.0   |
| 0.5  | 1.1  | 2.2  | 1.9  | 1.1   | 1.9  | 0.6   |
| 10.7 | 9.3  | 9.1  | 8.7  | 10.7  | 10.7 | 5.1   |
| 0.3  | 0.4  | 0.4  | 0.6  | 0.3   | 0.2  | 0.1   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.2   | 0.0  | 0.0   |
| 0.1  | 0.1  | 0.5  | 0.6  | 0.2   | 0.3  | 0.0   |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0   | 0.2  | 0.0   |
| 0.2  | 0.0  | 0.0  | 0.3  | 0.0   | 0.0  | 0.0   |
| 0.5  | 0.2  | 0.7  | 0.4  | 0.3   | 0.5  | 0.0   |
| 86.7 | 77.3 | 85.6 | 89.8 | 101.6 | 92.3 | 127.7 |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0   | 0.4  | 0.0   |
| 0.5  | 0.9  | 1.4  | 1.5  | 0.9   | 1.0  | 0.5   |
| 12.4 | 12.7 | 11.7 | 12.6 | 16.5  | 14.9 | 11.0  |
| 3.4  | 3.6  | 2.6  | 3.1  | 4.9   | 3.6  | 4.0   |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0   | 0.0  | 0.0   |
| 2.3  | 2.8  | 3.0  | 2.6  | 4.1   | 2.2  | 0.5   |
| 4.4  | 5.7  | 5.5  | 5.9  | 3.7   | 6.5  | 5.0   |
| 0.0  | 0.2  | 0.0  | 0.1  | 0.1   | 0.0  | 0.0   |
| 0.0  | 0.2  | 0.4  | 0.3  | 0.0   | 0.2  | 0.0   |
| 3.3  | 4.4  | 5.3  | 5.2  | 5.9   | 4.3  | 2.7   |
| 0.1  | 0.0  | 0.3  | 0.3  | 0.0   | 0.1  | 0.0   |
| 4.0  | 5.7  | 5.8  | 6.5  | 5.3   | 6.3  | 4.4   |
| 7.2  | 7.4  | 7.2  | 10.4 | 9.1   | 8.1  | 3.7   |
| 3.8  | 3.1  | 4.3  | 4.4  | 4.6   | 4.9  | 3.4   |
| 0.0  | 0.0  | 0.6  | 0.1  | 0.0   | 0.0  | 0.0   |
| 0.6  | 0.4  | 1.6  | 1.0  | 1.1   | 1.0  | 0.8   |
| 2.2  | 2.6  | 2.5  | 2.2  | 3.0   | 2.6  | 1.8   |
| 0.4  | 0.7  | 0.4  | 0.9  | 0.4   | 2.0  | 0.5   |
| 0.0  | 0.0  | 0.9  | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.1  | 0.1  | 0.1  | 0.0  | 0.1   | 0.0  | 0.0   |
| 12.0 | 16.4 | 16.2 | 17.6 | 16.0  | 15.3 | 15.6  |
| 9.5  | 11.9 | 13.2 | 12.2 | 18.0  | 7.3  | 5.4   |
| 0.1  | 0.4  | 1.1  | 0.9  | 0.6   | 1.6  | 0.0   |
| 0.8  | 1.0  | 1.1  | 1.3  | 1.4   | 1.0  | 0.2   |
| 0.1  | 0.2  | 0.5  | 0.3  | 0.4   | 0.0  | 0.0   |
| 0.1  | 0.2  | 0.4  | 0.8  | 0.1   | 0.4  | 0.0   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 10.7 | 16.8 | 23.6 | 24.6 | 19.4 | 19.1 | 10.4 |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.8  | 0.0  |
| 0.1  | 0.1  | 0.6  | 0.2  | 0.1  | 0.6  | 0.0  |
| 0.1  | 0.2  | 0.5  | 0.9  | 0.4  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.5  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.7  | 0.5  | 0.9  | 0.9  | 1.0  | 0.8  | 0.1  |
| 51.1 | 64.7 | 37.7 | 49.5 | 52.3 | 57.1 | 85.1 |
| 9.1  | 11.7 | 11.0 | 9.9  | 14.3 | 10.4 | 2.7  |
| 3.2  | 5.3  | 4.1  | 3.8  | 5.0  | 5.6  | 3.7  |
| 0.1  | 0.1  | 0.2  | 0.4  | 0.2  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.3  | 0.0  | 0.5  | 0.0  |
| 1.9  | 2.8  | 3.4  | 3.3  | 2.7  | 2.1  | 1.6  |
| 3.5  | 4.0  | 3.5  | 3.1  | 4.2  | 6.1  | 0.1  |
| 9.1  | 8.9  | 10.4 | 9.3  | 13.4 | 15.4 | 12.0 |
| 1.9  | 2.3  | 2.0  | 1.5  | 2.7  | 3.6  | 2.0  |
| 40.0 | 51.3 | 41.7 | 43.7 | 44.2 | 45.5 | 62.1 |
| 0.0  | 0.1  | 0.4  | 0.1  | 0.0  | 0.4  | 0.0  |
| 0.3  | 0.7  | 1.4  | 1.6  | 1.5  | 1.1  | 0.0  |
| 1.6  | 1.4  | 1.4  | 1.8  | 1.7  | 1.9  | 1.7  |
| 0.0  | 0.1  | 0.4  | 0.2  | 0.1  | 0.0  | 0.0  |
| 43.7 | 61.9 | 61.0 | 73.8 | 56.1 | 50.5 | 74.2 |
| 0.1  | 0.0  | 0.8  | 0.3  | 0.0  | 0.1  | 0.0  |
| 1.5  | 2.4  | 3.4  | 3.9  | 2.5  | 3.3  | 4.9  |
| 4.4  | 5.4  | 5.2  | 6.1  | 6.2  | 5.0  | 3.4  |
| 4.2  | 4.5  | 4.7  | 4.1  | 4.8  | 4.5  | 4.4  |
| 0.0  | 0.1  | 0.4  | 0.4  | 0.2  | 0.1  | 0.0  |
| 22.7 | 26.4 | 25.9 | 31.5 | 28.0 | 22.0 | 29.8 |
| 1.0  | 0.6  | 1.2  | 1.1  | 1.4  | 0.4  | 0.2  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.2  | 0.0  | 0.0  |
| 0.4  | 1.1  | 4.7  | 2.0  | 1.3  | 2.0  | 0.8  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.2  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 9.3  | 10.6 | 8.2  | 9.3  | 12.9 | 11.2 | 9.5  |
| 9.1  | 10.3 | 10.3 | 14.4 | 10.6 | 8.2  | 15.3 |
| 7.3  | 7.8  | 9.9  | 11.0 | 10.6 | 8.8  | 9.0  |
| 2.2  | 3.7  | 5.5  | 4.9  | 5.9  | 3.8  | 0.6  |
| 3.0  | 3.5  | 2.5  | 2.5  | 4.6  | 5.1  | 2.3  |
| 2.3  | 3.8  | 3.1  | 2.8  | 3.2  | 2.5  | 2.8  |
| 2.5  | 2.4  | 1.1  | 1.7  | 2.5  | 2.3  | 2.5  |
| 3.6  | 3.3  | 2.8  | 2.4  | 3.8  | 4.4  | 1.1  |
| 16.5 | 24.6 | 32.5 | 37.1 | 29.0 | 28.4 | 34.5 |
| 2.2  | 3.0  | 4.1  | 2.3  | 2.5  | 2.6  | 3.8  |
| 2.9  | 3.1  | 2.4  | 2.3  | 5.5  | 4.3  | 1.4  |
| 1.5  | 2.6  | 4.3  | 4.1  | 2.8  | 3.5  | 0.4  |
| 0.1  | 0.0  | 0.2  | 0.1  | 0.0  | 0.3  | 0.1  |
| 3.0  | 3.3  | 2.5  | 3.6  | 4.3  | 3.3  | 2.0  |
| 1.1  | 1.1  | 0.6  | 0.6  | 1.2  | 1.2  | 0.6  |



|      |       |       |       |       |       |      |
|------|-------|-------|-------|-------|-------|------|
| 0.3  | 0.5   | 0.7   | 0.7   | 0.5   | 0.8   | 0.7  |
| 0.0  | 0.0   | 0.0   | 0.2   | 0.0   | 0.1   | 0.0  |
| 0.0  | 0.0   | 0.2   | 0.0   | 0.0   | 0.4   | 0.0  |
| 0.0  | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0  |
| 6.5  | 8.8   | 9.5   | 9.9   | 9.5   | 11.6  | 12.1 |
| 3.4  | 3.3   | 7.2   | 7.8   | 7.2   | 4.5   | 5.0  |
| 0.2  | 1.0   | 2.0   | 1.7   | 1.0   | 0.6   | 0.0  |
| 35.7 | 32.6  | 32.5  | 36.0  | 43.1  | 36.6  | 19.8 |
| 4.9  | 5.7   | 5.1   | 6.1   | 4.7   | 5.0   | 6.0  |
| 3.6  | 2.5   | 3.3   | 3.4   | 5.1   | 3.8   | 1.4  |
| 7.3  | 8.0   | 7.6   | 7.8   | 9.2   | 7.5   | 4.0  |
| 7.2  | 7.9   | 7.7   | 7.5   | 7.2   | 9.7   | 7.0  |
| 4.5  | 4.4   | 5.5   | 7.2   | 5.8   | 6.0   | 8.4  |
| 3.6  | 5.3   | 7.2   | 6.1   | 7.6   | 3.8   | 1.9  |
| 11.4 | 7.7   | 7.9   | 8.8   | 9.4   | 15.9  | 23.3 |
| 0.0  | 0.1   | 0.2   | 0.1   | 0.0   | 0.1   | 0.0  |
| 3.4  | 5.6   | 3.9   | 4.0   | 6.7   | 5.0   | 1.9  |
| 4.7  | 6.9   | 6.7   | 8.3   | 6.0   | 8.0   | 6.6  |
| 0.0  | 0.2   | 0.6   | 0.3   | 0.1   | 0.1   | 0.0  |
| 0.1  | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.0  |
| 1.5  | 1.1   | 2.4   | 2.0   | 2.0   | 2.0   | 0.5  |
| 0.1  | 0.1   | 0.3   | 0.3   | 0.1   | 0.5   | 0.0  |
| 0.0  | 0.0   | 0.1   | 0.2   | 0.0   | 0.1   | 0.0  |
| 0.0  | 0.1   | 0.7   | 0.3   | 0.3   | 0.3   | 0.2  |
| 0.1  | 0.1   | 1.6   | 0.9   | 0.3   | 0.4   | 0.0  |
| 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 6.4  | 13.0  | 16.1  | 15.8  | 14.2  | 14.7  | 4.3  |
| 0.7  | 0.8   | 0.4   | 0.5   | 0.7   | 0.8   | 0.2  |
| 0.3  | 0.4   | 0.6   | 0.4   | 0.2   | 0.3   | 0.1  |
| 3.4  | 3.6   | 4.3   | 3.5   | 3.6   | 4.3   | 5.6  |
| 9.2  | 8.1   | 8.8   | 11.1  | 13.8  | 10.1  | 12.1 |
| 0.3  | 0.4   | 1.2   | 0.9   | 0.3   | 0.7   | 0.9  |
| 0.3  | 0.4   | 0.8   | 0.5   | 0.8   | 0.7   | 0.6  |
| 3.5  | 2.9   | 3.6   | 4.5   | 4.3   | 5.2   | 3.5  |
| 5.0  | 5.9   | 6.8   | 6.6   | 5.5   | 6.1   | 2.7  |
| 3.4  | 4.9   | 6.0   | 6.9   | 8.9   | 5.7   | 11.3 |
| 0.0  | 0.0   | 0.4   | 0.4   | 0.1   | 0.2   | 0.7  |
| 5.7  | 5.7   | 6.9   | 7.7   | 4.3   | 7.4   | 12.3 |
| 2.6  | 2.6   | 2.0   | 2.9   | 3.4   | 2.9   | 0.8  |
| 0.0  | 0.0   | 0.5   | 0.2   | 0.0   | 0.0   | 0.0  |
| 0.2  | 0.2   | 0.3   | 0.2   | 0.3   | 0.2   | 0.5  |
| 0.1  | 0.1   | 0.4   | 0.3   | 0.1   | 0.4   | 0.2  |
| 10.5 | 15.7  | 30.2  | 26.4  | 19.3  | 21.0  | 16.9 |
| 96.6 | 180.6 | 124.7 | 133.9 | 194.5 | 176.3 | 72.7 |
| 4.0  | 3.9   | 3.4   | 3.6   | 6.4   | 4.3   | 1.5  |
| 7.6  | 9.3   | 8.1   | 7.6   | 11.2  | 11.3  | 6.1  |
| 0.0  | 0.0   | 0.0   | 0.0   | 0.1   | 0.1   | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.1  | 0.1  | 0.0  | 0.4  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  |
| 11.3 | 11.5 | 11.3 | 11.8 | 16.6 | 12.2 | 6.9  |
| 0.2  | 0.1  | 0.2  | 0.0  | 0.1  | 0.3  | 0.0  |
| 2.1  | 2.6  | 5.8  | 6.4  | 3.5  | 4.1  | 2.6  |
| 0.2  | 0.4  | 1.2  | 1.0  | 0.2  | 0.4  | 0.8  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 8.3  | 9.7  | 10.0 | 11.0 | 14.0 | 10.4 | 9.5  |
| 2.0  | 2.5  | 2.4  | 2.3  | 1.9  | 1.9  | 1.2  |
| 0.0  | 0.4  | 0.3  | 0.3  | 0.6  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.4  | 0.0  | 0.8  | 0.0  |
| 22.3 | 20.1 | 20.0 | 25.7 | 30.7 | 44.0 | 38.6 |
| 0.0  | 0.1  | 0.5  | 0.2  | 0.2  | 0.2  | 0.0  |
| 0.1  | 0.2  | 0.4  | 0.6  | 0.1  | 0.3  | 0.0  |
| 3.0  | 2.3  | 3.6  | 3.9  | 5.7  | 3.8  | 2.7  |
| 0.9  | 0.9  | 0.9  | 1.2  | 0.7  | 0.7  | 0.7  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.2  | 0.0  | 0.4  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.1  | 0.0  | 0.0  |
| 2.0  | 3.5  | 9.9  | 7.6  | 4.1  | 6.1  | 0.0  |
| 0.5  | 0.6  | 0.9  | 1.0  | 0.7  | 0.8  | 0.3  |
| 0.4  | 1.1  | 3.3  | 2.7  | 0.7  | 2.3  | 0.7  |
| 0.1  | 0.3  | 0.5  | 0.4  | 0.1  | 0.3  | 0.0  |
| 0.1  | 0.2  | 0.2  | 0.3  | 0.1  | 0.1  | 0.0  |
| 1.6  | 1.6  | 2.2  | 1.6  | 1.2  | 1.4  | 2.6  |
| 0.6  | 1.1  | 1.4  | 1.7  | 0.8  | 1.4  | 0.9  |
| 2.6  | 3.1  | 3.3  | 2.9  | 3.4  | 3.8  | 1.3  |
| 2.9  | 5.1  | 4.9  | 4.4  | 4.8  | 5.6  | 6.4  |
| 5.0  | 3.7  | 6.1  | 7.6  | 6.4  | 6.9  | 6.1  |
| 1.6  | 1.9  | 2.8  | 2.5  | 2.2  | 2.3  | 1.3  |
| 0.3  | 0.4  | 1.0  | 0.8  | 0.7  | 0.9  | 0.0  |
| 0.1  | 0.2  | 0.4  | 0.4  | 0.2  | 0.1  | 0.3  |
| 0.1  | 0.0  | 0.3  | 0.2  | 0.1  | 0.3  | 0.0  |
| 0.1  | 0.0  | 0.1  | 0.5  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.2  | 0.0  |
| 0.5  | 0.8  | 1.0  | 0.9  | 1.0  | 0.6  | 0.3  |
| 0.4  | 0.2  | 0.4  | 0.7  | 0.4  | 1.5  | 0.0  |
| 6.3  | 7.2  | 4.0  | 3.6  | 5.8  | 7.1  | 3.7  |
| 0.4  | 1.1  | 1.9  | 1.9  | 0.6  | 1.4  | 0.8  |
| 23.9 | 38.1 | 15.0 | 13.9 | 30.8 | 38.0 | 20.4 |
| 5.6  | 7.4  | 8.3  | 7.9  | 10.1 | 8.4  | 5.4  |
| 0.0  | 0.0  | 0.3  | 0.8  | 0.1  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.6  | 0.5  | 0.2  | 0.2  | 0.0  |
| 0.0  | 0.2  | 0.1  | 0.4  | 0.1  | 0.1  | 0.0  |

|        |       |       |        |        |       |        |
|--------|-------|-------|--------|--------|-------|--------|
| 0.0    | 0.0   | 0.0   | 0.0    | 0.0    | 0.0   | 0.0    |
| 1.0    | 0.9   | 1.9   | 1.9    | 3.2    | 1.5   | 1.1    |
| 0.0    | 0.2   | 0.6   | 0.4    | 0.1    | 0.2   | 0.0    |
| 4.0    | 6.1   | 5.5   | 5.7    | 3.2    | 8.2   | 3.3    |
| 5.6    | 6.3   | 7.7   | 10.1   | 6.4    | 5.6   | 10.2   |
| 0.0    | 0.0   | 0.1   | 0.1    | 0.0    | 0.0   | 0.3    |
| 11.7   | 17.8  | 11.9  | 14.0   | 19.7   | 17.1  | 15.3   |
| 0.0    | 0.0   | 0.2   | 0.2    | 0.0    | 0.0   | 0.0    |
| 0.0    | 0.1   | 0.7   | 0.2    | 0.0    | 0.8   | 0.0    |
| 1.1    | 1.0   | 3.9   | 0.5    | 0.7    | 2.9   | 3.0    |
| 665.5  | 623.2 | 645.9 | 669.1  | 619.0  | 617.8 | 784.8  |
| 1115.3 | 959.5 | 995.9 | 1166.5 | 1016.1 | 932.8 | 1283.0 |
| 0.2    | 0.2   | 0.3   | 0.3    | 0.1    | 0.1   | 0.0    |
| 1.6    | 1.7   | 2.2   | 2.3    | 2.2    | 3.5   | 4.0    |
| 2.0    | 1.6   | 4.3   | 3.8    | 3.0    | 1.4   | 1.6    |
| 3.9    | 5.0   | 6.3   | 6.2    | 7.0    | 6.5   | 3.0    |
| 0.5    | 0.8   | 0.9   | 0.8    | 0.7    | 1.4   | 0.2    |
| 5.6    | 6.9   | 6.3   | 6.7    | 9.4    | 7.7   | 5.2    |
| 0.8    | 0.8   | 0.4   | 0.5    | 0.9    | 0.7   | 0.2    |
| 0.1    | 0.1   | 0.1   | 0.2    | 0.2    | 0.3   | 0.0    |
| 6.7    | 7.6   | 7.6   | 8.2    | 9.4    | 7.5   | 7.7    |
| 1.2    | 1.6   | 1.6   | 1.8    | 2.0    | 2.1   | 1.7    |
| 0.0    | 0.0   | 0.0   | 0.2    | 0.0    | 0.3   | 0.0    |
| 12.6   | 16.4  | 19.0  | 21.3   | 18.7   | 12.7  | 24.7   |
| 60.8   | 79.8  | 64.3  | 75.9   | 82.0   | 93.3  | 76.8   |
| 0.8    | 1.6   | 2.0   | 2.8    | 2.3    | 1.9   | 0.3    |
| 0.6    | 0.7   | 0.6   | 0.7    | 1.2    | 1.1   | 0.1    |
| 0.1    | 0.2   | 0.4   | 0.3    | 0.4    | 0.4   | 0.0    |
| 61.5   | 69.5  | 81.7  | 96.4   | 77.2   | 74.7  | 85.3   |
| 10.1   | 10.4  | 11.1  | 13.9   | 10.7   | 12.1  | 14.5   |
| 0.0    | 0.1   | 0.1   | 0.1    | 0.0    | 0.0   | 0.0    |
| 19.4   | 27.7  | 19.3  | 23.7   | 26.2   | 28.6  | 22.5   |
| 0.0    | 0.1   | 0.0   | 0.0    | 0.1    | 0.1   | 0.0    |
| 0.9    | 0.9   | 1.4   | 1.4    | 1.1    | 0.8   | 2.7    |
| 0.3    | 0.3   | 0.4   | 0.4    | 0.4    | 0.3   | 0.2    |
| 13.0   | 16.3  | 10.5  | 13.0   | 13.7   | 19.1  | 12.4   |
| 0.5    | 0.5   | 0.4   | 0.2    | 0.3    | 0.8   | 0.3    |
| 9.3    | 10.0  | 6.9   | 7.7    | 11.1   | 7.9   | 1.7    |
| 4.6    | 5.1   | 7.1   | 7.7    | 8.2    | 6.4   | 4.7    |
| 2.8    | 3.7   | 3.8   | 3.8    | 3.3    | 4.4   | 4.3    |
| 3.0    | 3.8   | 3.5   | 3.9    | 4.7    | 2.4   | 2.1    |
| 6.2    | 7.5   | 7.2   | 9.5    | 6.7    | 8.8   | 4.7    |
| 0.8    | 2.2   | 3.7   | 3.8    | 2.3    | 2.7   | 0.0    |
| 6.0    | 7.4   | 5.2   | 6.0    | 8.8    | 9.9   | 6.7    |
| 17.0   | 19.7  | 19.5  | 19.2   | 23.0   | 13.4  | 10.5   |
| 0.8    | 0.2   | 0.5   | 1.6    | 1.0    | 2.6   | 3.3    |
| 0.3    | 0.8   | 1.0   | 1.0    | 0.8    | 0.6   | 0.0    |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.1  | 0.1  | 0.2  | 0.0  | 0.1  | 1.2  |
| 2.4  | 2.2  | 1.8  | 2.4  | 3.7  | 2.0  | 0.7  |
| 3.4  | 7.8  | 9.4  | 8.1  | 4.2  | 9.2  | 3.9  |
| 19.5 | 22.3 | 26.7 | 29.0 | 29.6 | 21.8 | 13.0 |
| 1.5  | 1.8  | 1.7  | 1.8  | 2.3  | 1.8  | 0.7  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.4  | 0.0  |
| 2.8  | 2.9  | 2.1  | 2.3  | 2.4  | 4.1  | 4.2  |
| 1.6  | 1.7  | 1.7  | 1.0  | 2.9  | 2.1  | 1.1  |
| 6.0  | 8.2  | 6.7  | 6.2  | 7.8  | 9.9  | 2.8  |
| 1.8  | 2.1  | 1.8  | 2.0  | 1.7  | 1.7  | 2.0  |
| 1.4  | 1.9  | 1.6  | 1.0  | 2.0  | 1.6  | 1.9  |
| 4.4  | 5.5  | 6.5  | 6.5  | 6.2  | 5.6  | 8.5  |
| 13.6 | 12.6 | 12.3 | 13.9 | 9.4  | 14.2 | 16.7 |
| 26.6 | 24.3 | 17.9 | 18.7 | 32.1 | 26.5 | 22.5 |
| 6.3  | 6.4  | 6.0  | 7.9  | 6.1  | 5.9  | 11.5 |
| 0.1  | 0.0  | 0.1  | 0.5  | 0.0  | 0.0  | 0.0  |
| 1.0  | 0.8  | 1.2  | 1.8  | 1.3  | 1.8  | 0.6  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.3  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.3  | 0.0  | 0.4  | 0.2  | 0.2  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  |
| 4.6  | 9.7  | 12.5 | 11.6 | 8.4  | 9.9  | 5.3  |
| 1.4  | 2.6  | 2.8  | 2.9  | 2.5  | 3.3  | 1.6  |
| 0.1  | 0.1  | 0.1  | 0.8  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.1  | 0.6  | 0.4  | 0.1  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.7  | 0.4  | 0.2  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.3  | 0.0  | 0.1  | 0.0  | 0.0  |
| 19.1 | 23.1 | 23.8 | 24.3 | 22.1 | 25.1 | 21.0 |
| 0.0  | 0.0  | 0.1  | 0.3  | 0.1  | 0.0  | 0.0  |
| 1.7  | 1.2  | 0.9  | 1.2  | 1.3  | 2.5  | 0.8  |
| 3.9  | 5.8  | 5.6  | 5.6  | 5.8  | 6.6  | 5.1  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 1.0  | 0.8  | 1.1  | 1.2  | 1.2  | 0.6  | 0.0  |
| 11.3 | 13.9 | 14.0 | 17.0 | 11.6 | 13.4 | 20.5 |
| 1.9  | 3.2  | 6.1  | 4.8  | 3.1  | 3.7  | 1.3  |
| 5.7  | 8.0  | 9.6  | 8.8  | 8.0  | 8.2  | 4.8  |
| 1.6  | 2.5  | 2.2  | 2.2  | 2.6  | 1.6  | 0.3  |
| 10.9 | 9.3  | 12.8 | 12.9 | 11.5 | 14.9 | 9.0  |
| 5.4  | 7.6  | 6.0  | 6.0  | 6.3  | 8.2  | 2.9  |
| 8.5  | 7.9  | 8.8  | 8.8  | 10.4 | 10.3 | 6.3  |
| 0.0  | 0.0  | 0.3  | 0.5  | 0.2  | 0.3  | 0.0  |
| 0.0  | 2.2  | 2.2  | 0.0  | 3.8  | 3.9  | 0.0  |
| 0.8  | 1.2  | 2.4  | 0.0  | 1.3  | 0.0  | 0.0  |
| 0.7  | 2.2  | 2.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.5  | 2.3  | 0.0  | 1.4  | 5.2  | 0.0  | 0.0  |
| 4.6  | 4.6  | 8.2  | 6.8  | 4.0  | 4.1  | 20.1 |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 1.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.7  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.3  | 0.0  | 1.9  | 2.2  | 2.2  | 1.7  | 0.0  |
| 17.1 | 10.4 | 19.8 | 0.0  | 5.9  | 12.9 | 0.0  |
| 1.7  | 2.3  | 3.4  | 4.1  | 2.8  | 2.3  | 3.7  |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.0  | 0.1  | 0.0  |
| 1.9  | 2.7  | 3.8  | 3.3  | 3.6  | 2.9  | 0.8  |
| 1.1  | 2.3  | 2.0  | 1.8  | 2.9  | 1.9  | 0.0  |
| 13.8 | 25.9 | 18.9 | 20.6 | 20.6 | 26.9 | 29.1 |
| 0.1  | 0.0  | 0.1  | 0.1  | 0.1  | 0.3  | 0.1  |
| 12.8 | 17.3 | 13.5 | 13.6 | 16.6 | 16.8 | 13.1 |
| 8.0  | 5.6  | 7.3  | 8.5  | 9.9  | 7.6  | 7.3  |
| 8.3  | 11.3 | 9.5  | 8.4  | 11.9 | 11.6 | 5.5  |
| 0.2  | 0.4  | 0.4  | 0.5  | 0.2  | 0.5  | 0.3  |
| 0.3  | 1.0  | 1.7  | 2.2  | 0.6  | 1.1  | 0.7  |
| 0.3  | 0.2  | 0.9  | 0.5  | 0.5  | 0.8  | 0.2  |
| 1.8  | 1.6  | 3.0  | 1.5  | 1.7  | 1.4  | 3.3  |
| 0.1  | 0.3  | 0.3  | 1.2  | 0.0  | 0.4  | 0.0  |
| 0.1  | 0.2  | 0.1  | 0.4  | 0.0  | 0.0  | 0.0  |
| 7.4  | 7.9  | 6.0  | 6.6  | 7.5  | 12.9 | 0.9  |
| 0.5  | 0.3  | 1.5  | 1.7  | 0.9  | 0.9  | 0.0  |
| 8.3  | 14.5 | 20.2 | 20.8 | 13.3 | 19.1 | 12.6 |
| 0.8  | 1.2  | 1.4  | 1.2  | 1.2  | 1.9  | 1.5  |
| 0.3  | 0.5  | 0.8  | 0.8  | 0.4  | 0.9  | 0.0  |
| 26.8 | 40.2 | 33.7 | 40.1 | 34.5 | 26.9 | 50.2 |
| 2.7  | 2.1  | 1.9  | 2.3  | 2.5  | 2.5  | 3.1  |
| 3.6  | 6.1  | 11.0 | 10.1 | 6.2  | 8.5  | 3.1  |
| 0.1  | 0.4  | 0.3  | 0.8  | 0.7  | 0.3  | 0.1  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.5  | 0.3  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.0  |
| 0.7  | 1.9  | 2.7  | 2.9  | 1.4  | 3.0  | 0.4  |
| 0.2  | 0.9  | 1.3  | 1.2  | 1.1  | 1.1  | 0.7  |
| 0.3  | 0.2  | 0.4  | 0.3  | 0.1  | 0.6  | 0.0  |
| 0.7  | 0.7  | 1.2  | 0.8  | 0.9  | 0.6  | 0.5  |
| 17.0 | 17.0 | 12.7 | 15.8 | 16.7 | 20.6 | 24.9 |
| 1.4  | 2.0  | 3.4  | 2.8  | 2.3  | 4.2  | 3.6  |
| 1.5  | 2.2  | 3.4  | 2.1  | 2.3  | 2.6  | 0.4  |
| 1.0  | 1.5  | 1.4  | 2.1  | 1.6  | 0.5  | 1.0  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2.4  | 4.0  | 2.7  | 2.1  | 1.9  | 3.0  | 0.8  |
| 0.8  | 0.7  | 0.6  | 0.5  | 1.6  | 1.4  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.7  | 0.3  | 0.1  | 0.3  | 0.3  |
| 6.9  | 9.1  | 10.1 | 10.1 | 8.1  | 12.6 | 10.9 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 1.3  | 0.0  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.0   | 0.1   | 0.1   | 0.1   | 0.1   | 0.0   | 0.0   |
| 2.9   | 2.7   | 4.4   | 4.5   | 4.3   | 3.0   | 4.2   |
| 0.2   | 0.0   | 0.2   | 0.3   | 0.0   | 0.2   | 0.0   |
| 15.5  | 16.6  | 7.9   | 11.8  | 15.4  | 15.9  | 4.4   |
| 2.0   | 2.4   | 1.9   | 2.0   | 3.2   | 2.2   | 0.3   |
| 11.4  | 11.4  | 12.6  | 14.2  | 12.4  | 14.1  | 13.3  |
| 1.9   | 2.0   | 1.4   | 1.8   | 2.5   | 2.5   | 0.8   |
| 0.0   | 0.1   | 0.2   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.7   | 0.7   | 0.6   | 0.6   | 0.5   | 0.9   | 0.2   |
| 6.5   | 8.1   | 6.2   | 7.2   | 10.5  | 9.0   | 4.0   |
| 5.5   | 5.5   | 6.0   | 7.8   | 6.2   | 6.1   | 8.9   |
| 4.0   | 3.5   | 4.3   | 6.5   | 4.0   | 4.6   | 7.1   |
| 26.4  | 28.1  | 30.5  | 33.9  | 33.4  | 29.6  | 28.4  |
| 0.1   | 0.1   | 0.3   | 0.2   | 0.2   | 0.3   | 0.0   |
| 2.9   | 5.0   | 2.5   | 3.5   | 3.1   | 3.9   | 1.7   |
| 1.5   | 2.3   | 3.3   | 4.0   | 2.6   | 3.0   | 3.2   |
| 28.0  | 38.2  | 44.4  | 49.3  | 34.2  | 30.7  | 38.6  |
| 0.1   | 0.3   | 0.2   | 0.6   | 0.0   | 0.2   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.2   | 0.0   | 0.0   |
| 1.4   | 2.1   | 1.0   | 0.9   | 2.1   | 2.4   | 2.4   |
| 85.9  | 103.9 | 98.9  | 122.5 | 89.9  | 85.6  | 125.2 |
| 4.7   | 7.2   | 6.3   | 5.6   | 7.4   | 9.1   | 3.0   |
| 11.4  | 12.4  | 9.1   | 9.5   | 10.2  | 6.1   | 4.7   |
| 6.4   | 9.8   | 6.8   | 8.4   | 8.4   | 10.9  | 6.7   |
| 8.5   | 6.7   | 8.6   | 13.0  | 8.5   | 8.1   | 15.9  |
| 10.6  | 11.2  | 10.8  | 11.6  | 11.9  | 12.7  | 8.3   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 4.2   | 4.5   | 5.7   | 8.0   | 6.5   | 5.0   | 5.0   |
| 0.1   | 0.0   | 0.1   | 0.1   | 0.1   | 0.0   | 0.0   |
| 0.7   | 0.8   | 1.4   | 1.2   | 1.4   | 1.4   | 0.0   |
| 2.0   | 0.4   | 1.0   | 1.3   | 2.0   | 0.1   | 2.5   |
| 0.7   | 0.6   | 1.2   | 1.0   | 0.7   | 0.7   | 0.2   |
| 0.3   | 0.1   | 0.3   | 0.1   | 0.2   | 0.2   | 0.0   |
| 2.1   | 2.5   | 1.3   | 1.8   | 3.8   | 2.6   | 1.1   |
| 0.8   | 0.2   | 2.3   | 0.5   | 1.0   | 1.6   | 0.0   |
| 0.4   | 0.6   | 0.8   | 0.8   | 0.7   | 0.7   | 0.5   |
| 10.2  | 13.7  | 9.6   | 9.6   | 14.3  | 12.9  | 7.3   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.0   | 0.4   | 0.2   | 0.0   | 0.4   | 0.0   |
| 6.8   | 6.2   | 9.1   | 13.0  | 9.0   | 10.6  | 16.3  |
| 0.2   | 0.1   | 1.0   | 0.2   | 0.2   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.4   | 0.4   | 0.0   | 0.6   | 0.0   |
| 560.0 | 565.6 | 574.4 | 562.0 | 643.5 | 592.9 | 710.3 |
| 43.1  | 53.6  | 60.0  | 58.8  | 57.6  | 54.0  | 66.1  |
| 7.4   | 7.6   | 8.8   | 15.1  | 10.8  | 11.8  | 4.7   |
| 2.5   | 2.3   | 1.1   | 1.5   | 2.9   | 1.5   | 1.1   |
| 3.4   | 4.1   | 2.4   | 2.5   | 3.7   | 3.9   | 3.1   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 9.6  | 12.4 | 11.3 | 14.2 | 12.1 | 10.3 | 12.4 |
| 58.5 | 66.0 | 53.2 | 46.1 | 75.0 | 61.7 | 26.1 |
| 0.7  | 1.1  | 2.0  | 1.6  | 1.4  | 2.3  | 0.0  |
| 29.4 | 28.3 | 26.7 | 33.5 | 24.8 | 28.9 | 52.4 |
| 0.1  | 0.1  | 0.4  | 0.2  | 0.1  | 0.5  | 0.0  |
| 35.5 | 33.9 | 35.8 | 40.9 | 35.6 | 35.9 | 52.2 |
| 21.3 | 23.6 | 27.1 | 26.9 | 26.9 | 29.6 | 15.1 |
| 0.6  | 0.6  | 1.4  | 0.8  | 0.7  | 0.8  | 0.5  |
| 11.6 | 18.5 | 17.8 | 16.4 | 16.9 | 19.7 | 18.7 |
| 5.5  | 5.4  | 3.9  | 3.7  | 7.7  | 6.4  | 2.5  |
| 0.2  | 0.3  | 0.6  | 0.7  | 0.4  | 0.6  | 3.0  |
| 27.5 | 30.9 | 25.5 | 27.5 | 33.7 | 26.9 | 29.9 |
| 0.1  | 0.3  | 1.9  | 1.4  | 0.7  | 1.8  | 0.0  |
| 25.8 | 27.3 | 27.3 | 28.4 | 28.3 | 34.5 | 27.1 |
| 1.0  | 0.7  | 1.1  | 0.8  | 1.4  | 1.0  | 0.7  |
| 4.8  | 4.8  | 4.5  | 4.7  | 5.3  | 5.8  | 3.7  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.3  | 0.0  | 0.0  |
| 1.1  | 1.3  | 1.4  | 1.7  | 1.6  | 1.2  | 1.5  |
| 2.0  | 2.3  | 1.6  | 1.8  | 2.9  | 2.7  | 2.0  |
| 0.1  | 0.1  | 0.6  | 0.3  | 0.0  | 0.2  | 0.0  |
| 0.6  | 0.7  | 1.2  | 1.1  | 1.1  | 0.7  | 1.6  |
| 4.3  | 5.8  | 8.2  | 8.0  | 6.7  | 5.4  | 5.0  |
| 0.7  | 1.2  | 2.0  | 1.5  | 1.5  | 1.1  | 1.5  |
| 2.0  | 1.9  | 2.6  | 2.8  | 3.4  | 3.1  | 1.6  |
| 1.5  | 1.9  | 1.8  | 1.6  | 1.8  | 1.8  | 0.0  |
| 41.5 | 50.0 | 53.5 | 53.1 | 53.9 | 46.6 | 42.8 |
| 5.1  | 6.9  | 7.4  | 8.3  | 7.5  | 7.2  | 9.0  |
| 0.1  | 0.1  | 0.5  | 0.2  | 0.1  | 0.7  | 1.4  |
| 0.1  | 0.1  | 0.4  | 0.4  | 0.4  | 0.1  | 0.0  |
| 0.5  | 0.4  | 1.6  | 0.4  | 0.6  | 0.6  | 3.2  |
| 6.9  | 7.8  | 7.6  | 7.3  | 9.4  | 7.7  | 8.4  |
| 17.5 | 26.4 | 24.2 | 34.6 | 22.2 | 25.4 | 34.0 |
| 2.3  | 1.9  | 2.3  | 2.7  | 2.9  | 3.3  | 1.1  |
| 0.7  | 1.1  | 0.5  | 0.4  | 1.2  | 0.9  | 1.2  |
| 0.1  | 0.1  | 0.1  | 0.3  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.6  | 0.4  | 0.1  | 0.3  | 0.0  |
| 0.1  | 0.1  | 0.0  | 0.6  | 0.0  | 0.2  | 0.0  |
| 2.7  | 3.5  | 4.1  | 5.0  | 4.1  | 2.3  | 2.9  |
| 3.8  | 5.0  | 5.2  | 6.3  | 4.1  | 5.3  | 5.4  |
| 1.2  | 1.7  | 2.7  | 3.1  | 1.8  | 3.4  | 2.7  |
| 12.2 | 12.5 | 12.0 | 12.2 | 15.3 | 16.8 | 8.8  |
| 1.8  | 2.1  | 1.8  | 1.8  | 3.1  | 3.2  | 1.1  |
| 1.5  | 1.4  | 1.1  | 0.8  | 2.1  | 2.0  | 1.2  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  |
| 0.7  | 1.0  | 1.1  | 1.0  | 2.0  | 1.3  | 1.2  |
| 0.1  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.4  | 0.7  | 0.0  | 0.7  | 0.0  |

|      |       |      |      |      |       |      |
|------|-------|------|------|------|-------|------|
| 25.1 | 29.0  | 32.0 | 31.8 | 31.1 | 28.7  | 19.6 |
| 0.0  | 0.0   | 0.3  | 0.4  | 0.0  | 0.2   | 0.0  |
| 0.2  | 0.1   | 0.5  | 0.4  | 0.2  | 0.3   | 0.0  |
| 0.2  | 0.3   | 0.4  | 0.2  | 0.2  | 0.1   | 0.0  |
| 0.1  | 0.1   | 0.3  | 0.2  | 0.3  | 0.1   | 0.0  |
| 0.0  | 0.1   | 0.1  | 0.2  | 0.1  | 0.1   | 0.0  |
| 1.2  | 1.5   | 1.2  | 1.0  | 1.4  | 2.3   | 2.0  |
| 0.5  | 0.5   | 0.6  | 0.8  | 0.7  | 0.5   | 0.3  |
| 3.7  | 3.1   | 4.7  | 5.6  | 4.4  | 4.8   | 8.8  |
| 0.0  | 0.0   | 0.1  | 0.0  | 0.2  | 0.0   | 0.0  |
| 10.0 | 13.3  | 11.5 | 9.2  | 12.3 | 10.5  | 13.5 |
| 5.8  | 9.6   | 9.9  | 12.1 | 7.8  | 9.0   | 7.6  |
| 7.4  | 7.1   | 5.9  | 6.3  | 6.5  | 6.0   | 8.7  |
| 5.6  | 7.4   | 4.2  | 4.6  | 5.0  | 9.9   | 3.4  |
| 2.2  | 2.5   | 2.3  | 2.1  | 4.0  | 3.8   | 0.9  |
| 14.2 | 21.1  | 18.6 | 21.5 | 25.0 | 19.9  | 11.1 |
| 0.1  | 0.2   | 0.7  | 0.8  | 0.4  | 0.4   | 0.0  |
| 0.8  | 0.7   | 1.4  | 1.4  | 1.7  | 1.4   | 3.2  |
| 7.8  | 12.5  | 11.5 | 14.2 | 11.0 | 10.2  | 9.6  |
| 1.2  | 1.3   | 0.8  | 1.0  | 1.2  | 0.7   | 0.3  |
| 0.8  | 1.4   | 1.8  | 0.7  | 1.6  | 0.4   | 0.0  |
| 6.9  | 6.9   | 6.9  | 7.2  | 9.2  | 5.2   | 6.2  |
| 55.1 | 103.8 | 82.2 | 72.2 | 92.9 | 101.0 | 42.5 |
| 2.3  | 2.5   | 1.8  | 1.7  | 4.6  | 4.7   | 1.4  |
| 11.3 | 12.7  | 9.5  | 9.9  | 20.0 | 9.2   | 4.1  |
| 9.3  | 11.1  | 11.2 | 12.4 | 9.1  | 11.1  | 12.6 |
| 0.0  | 0.0   | 0.0  | 0.2  | 0.0  | 0.1   | 0.0  |
| 0.0  | 0.0   | 0.2  | 0.1  | 0.0  | 0.1   | 0.0  |
| 11.7 | 20.8  | 3.0  | 2.3  | 20.1 | 20.2  | 9.0  |
| 0.1  | 0.1   | 0.2  | 0.2  | 0.1  | 0.1   | 0.0  |
| 2.9  | 3.9   | 4.0  | 4.3  | 3.4  | 4.1   | 2.1  |
| 15.8 | 21.6  | 18.3 | 20.2 | 19.3 | 21.4  | 13.8 |
| 0.9  | 1.8   | 1.7  | 2.6  | 1.1  | 1.8   | 1.6  |
| 5.0  | 5.1   | 7.2  | 5.7  | 5.8  | 4.8   | 6.5  |
| 0.1  | 0.2   | 0.4  | 0.4  | 0.2  | 0.1   | 0.2  |
| 0.2  | 0.6   | 1.2  | 0.9  | 0.5  | 0.4   | 0.9  |
| 0.8  | 0.4   | 1.0  | 2.1  | 1.3  | 0.8   | 0.0  |
| 0.1  | 0.9   | 2.3  | 1.4  | 0.8  | 0.3   | 0.0  |
| 0.0  | 0.1   | 1.2  | 1.1  | 0.3  | 0.4   | 0.0  |
| 2.1  | 2.4   | 3.8  | 3.8  | 2.9  | 2.7   | 3.3  |
| 2.8  | 3.0   | 2.3  | 2.4  | 3.1  | 3.7   | 2.8  |
| 6.5  | 6.6   | 6.6  | 7.6  | 8.7  | 8.4   | 10.2 |
| 4.3  | 6.0   | 5.8  | 4.3  | 5.5  | 6.3   | 3.8  |
| 4.1  | 6.2   | 5.6  | 6.8  | 6.6  | 5.5   | 7.0  |
| 0.1  | 0.0   | 0.4  | 0.3  | 0.1  | 0.1   | 0.0  |
| 2.4  | 5.2   | 4.1  | 5.7  | 5.9  | 7.0   | 5.9  |
| 0.0  | 0.0   | 0.1  | 0.0  | 0.0  | 0.0   | 0.0  |



|      |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|
| 0.8  | 0.9   | 1.7   | 1.4   | 0.6   | 1.1   | 0.0   |
| 0.1  | 0.1   | 0.3   | 0.0   | 0.2   | 0.1   | 0.0   |
| 18.7 | 32.2  | 37.2  | 28.7  | 29.8  | 35.7  | 12.8  |
| 1.3  | 1.5   | 1.6   | 1.8   | 1.6   | 1.2   | 1.9   |
| 39.0 | 43.2  | 42.9  | 43.1  | 44.1  | 53.0  | 44.2  |
| 4.0  | 9.2   | 7.9   | 8.2   | 12.4  | 12.0  | 9.0   |
| 92.4 | 124.8 | 131.3 | 145.8 | 126.1 | 135.3 | 157.5 |
| 7.5  | 6.8   | 8.9   | 7.4   | 6.7   | 6.7   | 13.0  |
| 1.3  | 1.5   | 1.1   | 1.7   | 1.8   | 2.6   | 4.0   |
| 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0  | 0.0   | 0.1   | 0.0   | 0.3   | 0.0   | 0.0   |
| 13.1 | 15.9  | 18.0  | 21.8  | 14.6  | 13.0  | 8.7   |
| 4.4  | 6.0   | 4.4   | 4.9   | 4.8   | 6.0   | 7.3   |
| 0.1  | 0.1   | 0.1   | 0.0   | 0.0   | 0.8   | 0.0   |
| 0.0  | 0.1   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.8  | 1.2   | 0.0   | 1.4   | 0.0   | 4.2   | 0.0   |
| 0.0  | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.6  | 2.0   | 2.0   | 1.9   | 2.4   | 3.7   | 0.3   |
| 0.1  | 0.1   | 0.1   | 0.3   | 0.0   | 0.4   | 0.0   |
| 0.0  | 0.1   | 0.7   | 1.0   | 0.4   | 0.2   | 0.0   |
| 7.0  | 9.4   | 9.0   | 8.9   | 9.1   | 9.6   | 11.4  |
| 0.3  | 0.2   | 0.4   | 0.2   | 0.2   | 0.3   | 0.6   |
| 0.5  | 1.1   | 0.4   | 0.9   | 0.5   | 0.4   | 2.0   |
| 4.3  | 6.6   | 5.2   | 4.5   | 5.3   | 6.7   | 2.9   |
| 0.1  | 0.2   | 1.1   | 0.6   | 0.5   | 0.7   | 0.0   |
| 0.9  | 1.0   | 1.3   | 1.4   | 1.1   | 0.9   | 1.0   |
| 2.4  | 4.4   | 6.9   | 6.2   | 4.5   | 6.2   | 3.9   |
| 0.3  | 0.2   | 0.7   | 0.8   | 0.4   | 0.1   | 1.3   |
| 1.7  | 2.9   | 3.0   | 4.2   | 4.0   | 4.5   | 3.2   |
| 0.2  | 0.0   | 0.6   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0  | 0.0   | 0.5   | 0.3   | 0.1   | 0.2   | 0.0   |
| 24.7 | 12.0  | 32.4  | 15.4  | 17.1  | 24.9  | 3.5   |
| 0.0  | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.3  | 0.6   | 1.0   | 0.8   | 0.6   | 1.1   | 0.3   |
| 0.0  | 0.1   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   |
| 41.0 | 62.1  | 58.4  | 59.7  | 54.6  | 39.1  | 42.6  |
| 0.0  | 0.0   | 0.5   | 0.3   | 0.0   | 0.2   | 0.0   |
| 0.1  | 0.0   | 0.1   | 0.4   | 0.1   | 0.2   | 0.0   |
| 0.7  | 1.5   | 2.7   | 3.0   | 2.4   | 1.4   | 0.4   |
| 0.1  | 0.2   | 0.6   | 0.8   | 0.3   | 1.1   | 0.0   |
| 4.1  | 5.3   | 4.3   | 4.3   | 3.8   | 4.8   | 4.9   |
| 1.3  | 1.3   | 1.5   | 1.5   | 1.8   | 1.8   | 1.8   |
| 0.2  | 0.3   | 0.4   | 0.3   | 0.3   | 0.7   | 0.0   |
| 1.4  | 1.0   | 0.7   | 1.2   | 1.3   | 1.1   | 2.4   |
| 0.4  | 0.4   | 0.4   | 0.3   | 0.4   | 0.6   | 0.1   |
| 0.2  | 0.1   | 0.1   | 0.3   | 0.1   | 0.2   | 0.0   |
| 22.0 | 26.0  | 23.4  | 28.1  | 25.6  | 24.1  | 32.8  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 1.0  | 1.7  | 2.1  | 1.8  | 1.6  | 2.0  | 0.7  |
| 8.3  | 8.9  | 9.0  | 9.0  | 8.7  | 7.8  | 10.1 |
| 4.8  | 7.9  | 5.3  | 6.3  | 7.4  | 6.6  | 6.8  |
| 17.7 | 19.4 | 20.8 | 22.0 | 15.5 | 16.6 | 18.8 |
| 0.1  | 0.1  | 0.4  | 0.2  | 0.2  | 0.0  | 0.0  |
| 2.9  | 3.9  | 3.8  | 2.9  | 3.5  | 4.2  | 1.7  |
| 2.6  | 3.3  | 2.6  | 4.5  | 2.4  | 2.1  | 2.2  |
| 0.1  | 0.1  | 0.5  | 0.2  | 0.0  | 0.3  | 0.0  |
| 1.6  | 1.3  | 2.4  | 2.8  | 2.1  | 2.1  | 2.2  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  |
| 9.0  | 13.1 | 13.6 | 11.3 | 9.1  | 12.3 | 15.3 |
| 1.6  | 2.2  | 4.2  | 3.5  | 2.0  | 4.0  | 2.5  |
| 14.5 | 1.7  | 5.1  | 2.0  | 4.8  | 7.5  | 2.1  |
| 8.2  | 0.0  | 1.7  | 1.0  | 0.0  | 1.5  | 0.0  |
| 10.5 | 4.2  | 4.2  | 5.0  | 6.7  | 4.5  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 1.7  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.0  | 1.0  | 1.2  | 1.4  | 1.2  | 0.7  | 0.0  |
| 4.1  | 9.0  | 6.4  | 6.2  | 5.6  | 8.6  | 4.4  |
| 0.1  | 0.2  | 0.4  | 0.2  | 0.3  | 0.2  | 0.0  |
| 0.1  | 0.1  | 0.6  | 0.8  | 0.4  | 0.1  | 0.0  |
| 17.3 | 20.8 | 19.7 | 18.0 | 26.7 | 25.8 | 19.0 |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.4  | 0.3  | 0.0  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.4  | 0.5  | 0.2  | 0.1  | 0.0  |
| 8.0  | 7.8  | 10.5 | 12.7 | 9.8  | 9.7  | 10.8 |
| 0.0  | 0.0  | 1.1  | 0.7  | 0.1  | 0.3  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.3  | 0.2  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.5  | 0.2  | 0.0  | 0.4  | 0.0  |
| 6.6  | 8.3  | 8.6  | 9.8  | 9.5  | 10.9 | 10.8 |
| 1.3  | 1.5  | 1.7  | 1.5  | 1.6  | 1.9  | 1.5  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 5.8  | 8.3  | 11.0 | 9.8  | 6.9  | 10.5 | 3.8  |
| 0.5  | 1.3  | 1.2  | 2.5  | 0.7  | 1.6  | 2.2  |
| 0.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.2  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 2.0  | 3.6  | 7.0  | 6.0  | 2.8  | 4.7  | 1.7  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.0  | 0.3  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  |
| 0.8  | 0.7  | 0.9  | 1.4  | 1.1  | 0.9  | 0.4  |
| 21.9 | 24.7 | 21.6 | 23.3 | 28.9 | 25.1 | 14.4 |
| 0.0  | 0.3  | 0.2  | 0.2  | 0.1  | 0.7  | 0.4  |
| 0.1  | 0.0  | 0.2  | 0.6  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.9  | 1.8  | 1.8  | 0.4  | 1.1  | 1.6  |
| 3.1  | 4.4  | 4.1  | 4.7  | 4.2  | 4.1  | 5.9  |
| 0.2  | 0.7  | 0.7  | 1.4  | 1.0  | 0.8  | 0.4  |

|      |      |      |      |      |      |       |
|------|------|------|------|------|------|-------|
| 0.1  | 0.1  | 0.6  | 0.3  | 0.1  | 0.2  | 0.0   |
| 0.1  | 0.1  | 0.6  | 0.1  | 0.0  | 0.1  | 0.0   |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0   |
| 0.9  | 0.4  | 0.9  | 1.3  | 1.0  | 1.1  | 0.5   |
| 11.4 | 10.0 | 9.1  | 12.5 | 12.1 | 12.1 | 16.8  |
| 14.6 | 13.7 | 8.6  | 9.9  | 12.6 | 10.7 | 7.5   |
| 17.4 | 17.7 | 17.1 | 17.9 | 18.7 | 18.7 | 11.5  |
| 81.7 | 90.1 | 82.2 | 97.0 | 77.6 | 87.3 | 136.9 |
| 0.8  | 0.9  | 0.7  | 1.0  | 1.1  | 0.9  | 0.3   |
| 2.7  | 2.6  | 3.2  | 3.3  | 3.6  | 3.5  | 3.6   |
| 1.8  | 2.4  | 1.5  | 1.7  | 2.8  | 2.8  | 2.8   |
| 0.1  | 0.0  | 0.4  | 0.4  | 0.0  | 0.4  | 0.0   |
| 0.0  | 0.2  | 0.6  | 1.3  | 0.0  | 0.0  | 0.0   |
| 17.7 | 25.2 | 18.0 | 19.6 | 28.1 | 27.1 | 3.3   |
| 0.4  | 0.3  | 0.9  | 0.7  | 0.3  | 0.2  | 0.1   |
| 0.1  | 0.1  | 0.7  | 0.7  | 0.3  | 0.7  | 0.0   |
| 0.0  | 0.2  | 0.7  | 0.1  | 0.0  | 0.3  | 0.0   |
| 0.4  | 0.5  | 0.2  | 0.7  | 0.9  | 0.5  | 0.0   |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.1  | 0.0   |
| 0.8  | 1.1  | 1.7  | 1.7  | 1.4  | 0.7  | 0.6   |
| 2.4  | 4.5  | 4.6  | 5.9  | 3.5  | 5.5  | 3.9   |
| 1.7  | 2.6  | 2.4  | 2.7  | 2.7  | 2.4  | 2.0   |
| 27.7 | 30.4 | 34.9 | 43.1 | 36.9 | 40.9 | 45.8  |
| 0.2  | 0.4  | 0.5  | 0.6  | 0.2  | 0.3  | 0.0   |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0   |
| 0.4  | 0.4  | 2.0  | 1.8  | 1.9  | 1.2  | 0.3   |
| 0.1  | 0.3  | 0.5  | 0.3  | 0.3  | 0.5  | 0.0   |
| 0.0  | 0.0  | 0.4  | 0.1  | 0.0  | 0.2  | 0.0   |
| 1.7  | 1.8  | 0.9  | 0.7  | 2.6  | 3.1  | 0.8   |
| 2.5  | 3.0  | 2.6  | 2.8  | 4.5  | 2.9  | 2.3   |
| 0.1  | 0.1  | 0.3  | 0.2  | 0.1  | 0.3  | 0.0   |
| 0.5  | 0.5  | 1.5  | 1.1  | 0.3  | 0.8  | 0.0   |
| 1.9  | 2.4  | 3.7  | 3.3  | 2.3  | 3.1  | 1.2   |
| 4.4  | 4.5  | 3.4  | 3.6  | 7.0  | 6.7  | 1.2   |
| 0.1  | 0.0  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0   |
| 0.2  | 0.8  | 1.5  | 1.3  | 0.4  | 1.1  | 0.0   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   |
| 0.2  | 0.2  | 0.9  | 1.0  | 0.1  | 2.4  | 0.0   |
| 0.1  | 0.0  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0   |
| 3.6  | 4.0  | 4.7  | 5.1  | 4.7  | 5.3  | 8.1   |
| 0.3  | 0.4  | 1.3  | 0.0  | 1.0  | 1.0  | 0.0   |
| 0.0  | 0.0  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0   |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0   |
| 2.1  | 3.0  | 2.5  | 3.6  | 4.0  | 3.7  | 1.3   |
| 0.1  | 0.2  | 0.5  | 0.7  | 0.4  | 0.5  | 0.0   |
| 0.0  | 0.5  | 0.2  | 0.5  | 0.1  | 1.1  | 0.6   |
| 15.6 | 17.3 | 15.1 | 15.6 | 18.8 | 13.4 | 15.1  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.2   | 0.3   | 0.3   | 0.2   | 0.3   | 0.4   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.9   | 2.2   | 1.9   | 2.0   | 1.9   | 2.5   | 1.5   |
| 0.1   | 0.0   | 0.5   | 0.5   | 0.1   | 0.8   | 0.0   |
| 3.8   | 0.0   | 8.6   | 0.0   | 1.6   | 0.0   | 0.0   |
| 3.0   | 1.5   | 1.5   | 0.0   | 6.9   | 0.0   | 0.0   |
| 16.0  | 21.1  | 22.4  | 28.7  | 19.3  | 22.3  | 21.6  |
| 7.2   | 8.7   | 14.1  | 17.0  | 13.3  | 16.9  | 5.4   |
| 0.1   | 0.3   | 1.0   | 0.4   | 0.4   | 0.5   | 0.0   |
| 0.1   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.2   | 0.5   | 0.0   | 0.6   | 0.6   | 0.0   |
| 3.4   | 4.6   | 4.5   | 4.4   | 4.8   | 5.6   | 2.4   |
| 0.2   | 0.1   | 0.7   | 0.0   | 0.1   | 0.6   | 0.0   |
| 3.2   | 4.1   | 2.4   | 3.2   | 4.8   | 3.3   | 0.2   |
| 7.4   | 11.0  | 9.9   | 9.1   | 7.3   | 12.6  | 12.1  |
| 3.3   | 3.2   | 6.1   | 7.8   | 3.4   | 4.0   | 4.7   |
| 1.3   | 1.4   | 2.8   | 2.8   | 1.7   | 1.7   | 0.3   |
| 0.2   | 0.6   | 0.5   | 0.6   | 0.4   | 1.0   | 0.2   |
| 0.0   | 0.1   | 0.1   | 0.1   | 0.0   | 0.6   | 0.0   |
| 346.1 | 276.1 | 167.9 | 227.8 | 209.1 | 208.2 | 436.2 |
| 147.0 | 163.3 | 77.0  | 105.7 | 98.9  | 145.2 | 186.7 |
| 206.1 | 194.5 | 108.0 | 184.5 | 130.0 | 132.3 | 262.5 |
| 370.1 | 568.0 | 301.7 | 372.0 | 309.4 | 413.6 | 683.2 |
| 221.7 | 198.7 | 138.5 | 169.9 | 163.1 | 182.4 | 309.9 |
| 265.8 | 181.6 | 138.1 | 165.8 | 185.1 | 210.6 | 325.6 |
| 320.1 | 294.3 | 170.7 | 206.0 | 208.7 | 197.5 | 368.7 |
| 224.2 | 155.1 | 146.4 | 149.0 | 153.1 | 164.3 | 331.4 |
| 2.8   | 1.7   | 1.0   | 2.3   | 3.0   | 3.8   | 11.3  |
| 2.7   | 2.7   | 1.6   | 0.8   | 2.3   | 0.8   | 3.3   |
| 0.7   | 0.2   | 0.9   | 2.9   | 0.0   | 0.8   | 0.0   |
| 523.5 | 515.2 | 323.8 | 369.4 | 368.9 | 422.8 | 521.3 |
| 856.1 | 600.3 | 497.5 | 560.1 | 593.2 | 595.9 | 721.2 |
| 0.6   | 0.9   | 0.3   | 0.7   | 0.0   | 0.5   | 0.0   |
| 0.1   | 0.1   | 0.5   | 0.4   | 0.3   | 0.5   | 0.0   |
| 2.3   | 2.6   | 3.3   | 2.3   | 2.1   | 3.6   | 2.0   |
| 0.0   | 0.2   | 0.4   | 0.1   | 0.1   | 0.1   | 0.0   |
| 5.9   | 9.3   | 10.5  | 11.2  | 9.8   | 11.1  | 5.0   |
| 0.5   | 0.7   | 2.0   | 1.1   | 0.7   | 0.8   | 1.6   |
| 4.9   | 5.1   | 5.1   | 5.3   | 4.2   | 4.4   | 5.6   |
| 11.4  | 22.9  | 21.6  | 23.9  | 17.3  | 26.2  | 24.4  |
| 0.1   | 0.0   | 0.9   | 0.2   | 0.1   | 0.4   | 0.0   |
| 0.3   | 0.3   | 0.5   | 0.7   | 0.2   | 0.1   | 0.0   |
| 1.7   | 2.2   | 4.1   | 2.8   | 1.3   | 2.8   | 3.2   |
| 11.6  | 12.2  | 8.3   | 12.7  | 10.7  | 10.6  | 18.3  |
| 0.0   | 0.1   | 0.1   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.0   | 0.1   | 0.2   | 0.0   | 0.2   | 0.0   |

|         |        |         |        |        |        |        |
|---------|--------|---------|--------|--------|--------|--------|
| 6.4     | 6.0    | 5.4     | 5.8    | 9.4    | 5.9    | 1.6    |
| 4.3     | 2.4    | 5.4     | 5.8    | 6.2    | 3.4    | 3.3    |
| 0.0     | 0.1    | 0.3     | 0.3    | 0.0    | 0.0    | 0.0    |
| 7.2     | 9.2    | 8.1     | 7.5    | 8.2    | 9.1    | 4.9    |
| 42.4    | 52.8   | 42.9    | 41.0   | 52.0   | 47.3   | 28.2   |
| 0.4     | 0.5    | 0.4     | 0.8    | 0.0    | 0.5    | 0.0    |
| 0.0     | 0.0    | 0.1     | 0.0    | 0.0    | 0.2    | 0.0    |
| 0.0     | 0.0    | 0.1     | 0.0    | 0.0    | 0.2    | 0.0    |
| 26.9    | 26.5   | 34.4    | 35.1   | 27.6   | 29.5   | 23.7   |
| 0.1     | 0.1    | 0.3     | 0.2    | 0.1    | 0.1    | 0.5    |
| 0.8     | 0.5    | 0.9     | 0.9    | 0.9    | 1.0    | 0.3    |
| 0.0     | 0.0    | 0.1     | 0.1    | 0.1    | 0.2    | 0.0    |
| 1.3     | 1.5    | 1.4     | 1.5    | 2.1    | 1.8    | 1.1    |
| 0.0     | 0.0    | 0.2     | 0.0    | 0.0    | 0.3    | 0.0    |
| 0.1     | 0.5    | 0.2     | 1.1    | 0.7    | 1.3    | 0.0    |
| 3.3     | 4.2    | 2.4     | 3.0    | 7.5    | 4.9    | 1.1    |
| 0.2     | 0.3    | 0.3     | 0.7    | 0.3    | 0.6    | 0.0    |
| 25.0    | 26.3   | 29.1    | 26.3   | 22.6   | 26.9   | 24.9   |
| 8.8     | 11.0   | 10.3    | 11.9   | 8.8    | 13.3   | 12.5   |
| 9.3     | 8.1    | 8.0     | 8.2    | 11.9   | 8.9    | 14.2   |
| 0.3     | 0.4    | 0.7     | 0.8    | 0.4    | 0.6    | 0.2    |
| 0.0     | 0.0    | 0.2     | 0.0    | 0.1    | 0.1    | 0.0    |
| 33.4    | 37.5   | 55.6    | 68.6   | 57.2   | 47.8   | 45.9   |
| 0.0     | 0.0    | 0.4     | 0.2    | 0.0    | 0.1    | 0.0    |
| 8.3     | 8.1    | 7.3     | 8.3    | 7.3    | 9.6    | 17.8   |
| 4.7     | 6.4    | 3.1     | 2.6    | 5.2    | 4.0    | 3.7    |
| 0.0     | 0.0    | 0.1     | 0.1    | 0.0    | 0.0    | 0.0    |
| 1.6     | 2.2    | 1.7     | 1.8    | 2.2    | 2.6    | 0.0    |
| 0.3     | 0.5    | 1.5     | 1.3    | 1.0    | 0.5    | 0.0    |
| 10869.4 | 6551.2 | 5624.7  | 5766.5 | 2733.9 | 7451.9 | 3282.5 |
| 18266.8 | 6329.5 | 11714.2 | 5672.8 | 6902.1 | 9428.2 | 6183.7 |
| 1.9     | 2.2    | 2.4     | 2.3    | 3.0    | 3.1    | 1.3    |
| 0.0     | 0.2    | 0.4     | 0.2    | 0.0    | 0.0    | 0.0    |
| 12.6    | 17.1   | 18.4    | 21.7   | 16.7   | 18.5   | 16.9   |
| 0.1     | 0.1    | 0.6     | 0.3    | 0.2    | 0.3    | 0.0    |
| 0.0     | 0.0    | 0.2     | 0.1    | 0.0    | 0.0    | 0.0    |
| 4.2     | 4.7    | 4.1     | 5.1    | 4.9    | 4.3    | 5.7    |
| 3.6     | 4.8    | 4.9     | 5.1    | 4.2    | 5.7    | 3.6    |
| 16.5    | 15.6   | 10.7    | 16.6   | 14.1   | 18.8   | 18.0   |
| 3.2     | 5.2    | 5.6     | 5.3    | 4.5    | 4.7    | 3.3    |
| 4.8     | 6.4    | 5.9     | 3.9    | 8.3    | 6.9    | 3.7    |
| 2.6     | 3.8    | 3.0     | 1.6    | 5.4    | 5.8    | 1.3    |
| 0.0     | 0.6    | 0.1     | 0.0    | 0.5    | 0.2    | 0.0    |
| 0.0     | 0.0    | 0.1     | 0.1    | 0.0    | 0.1    | 0.0    |
| 4.9     | 6.4    | 5.7     | 6.4    | 5.9    | 5.0    | 2.5    |
| 11.1    | 16.2   | 15.8    | 15.6   | 17.7   | 18.0   | 15.8   |
| 10.6    | 11.0   | 16.2    | 18.8   | 18.4   | 14.3   | 7.2    |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 10.7 | 14.5 | 13.5 | 12.6 | 11.2 | 15.6 | 6.2  |
| 6.5  | 7.1  | 6.5  | 6.5  | 6.7  | 7.2  | 5.5  |
| 0.2  | 0.3  | 0.2  | 0.3  | 0.1  | 0.8  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2.3  | 2.2  | 2.8  | 3.3  | 3.4  | 2.2  | 0.4  |
| 2.0  | 3.3  | 1.9  | 2.5  | 0.8  | 2.0  | 3.4  |
| 4.7  | 7.1  | 6.9  | 8.0  | 7.2  | 4.2  | 5.8  |
| 3.3  | 3.0  | 3.6  | 4.0  | 4.2  | 5.9  | 8.5  |
| 0.1  | 0.3  | 0.2  | 0.3  | 0.1  | 0.0  | 0.1  |
| 0.2  | 0.2  | 0.5  | 0.7  | 0.3  | 0.7  | 0.2  |
| 0.1  | 0.3  | 0.7  | 0.5  | 0.4  | 0.7  | 0.0  |
| 3.9  | 3.4  | 2.6  | 2.4  | 3.7  | 4.8  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.5  | 0.5  | 0.3  | 0.6  | 0.0  |
| 6.8  | 7.6  | 4.5  | 4.9  | 7.6  | 7.4  | 3.3  |
| 2.2  | 2.6  | 4.1  | 3.3  | 2.8  | 4.2  | 3.5  |
| 29.3 | 45.7 | 14.9 | 15.4 | 39.0 | 46.0 | 18.9 |
| 0.5  | 1.3  | 2.0  | 2.0  | 1.0  | 1.5  | 0.2  |
| 2.2  | 2.0  | 1.3  | 1.7  | 3.0  | 2.8  | 0.5  |
| 2.5  | 2.4  | 2.4  | 1.8  | 3.6  | 3.5  | 0.8  |
| 4.1  | 5.2  | 6.0  | 5.3  | 6.0  | 6.6  | 2.4  |
| 1.2  | 1.9  | 1.9  | 2.1  | 2.5  | 3.0  | 1.5  |
| 0.1  | 0.0  | 0.1  | 0.3  | 0.0  | 0.7  | 0.0  |
| 0.4  | 0.6  | 1.3  | 0.2  | 1.1  | 0.8  | 0.0  |
| 39.7 | 52.8 | 60.5 | 63.2 | 59.4 | 80.7 | 71.5 |
| 1.1  | 1.0  | 1.6  | 2.1  | 1.3  | 1.9  | 1.1  |
| 0.0  | 0.0  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  |
| 2.2  | 2.5  | 2.0  | 2.0  | 2.7  | 2.4  | 1.4  |
| 0.3  | 0.3  | 0.0  | 0.1  | 0.6  | 0.5  | 0.0  |
| 2.2  | 2.7  | 3.6  | 4.1  | 4.4  | 3.9  | 5.2  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.5  | 0.5  | 0.8  | 0.5  | 1.0  | 0.6  | 0.0  |
| 8.1  | 13.1 | 8.1  | 8.7  | 15.1 | 13.9 | 3.6  |
| 0.4  | 1.6  | 1.9  | 2.0  | 0.5  | 0.7  | 0.0  |
| 1.6  | 2.0  | 2.5  | 3.6  | 2.1  | 1.9  | 1.0  |
| 2.2  | 2.9  | 4.4  | 4.0  | 3.1  | 4.6  | 2.1  |
| 6.5  | 9.0  | 9.0  | 8.6  | 9.3  | 8.7  | 5.8  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.3  | 0.0  | 0.0  | 0.1  | 0.0  |
| 4.4  | 5.5  | 5.6  | 4.9  | 5.8  | 6.4  | 6.1  |
| 1.3  | 1.7  | 2.1  | 2.0  | 1.8  | 2.2  | 1.8  |
| 1.9  | 2.0  | 1.7  | 1.7  | 2.8  | 1.8  | 1.7  |
| 0.2  | 0.1  | 0.1  | 0.2  | 0.1  | 0.3  | 0.0  |
| 0.2  | 0.3  | 0.7  | 0.9  | 0.6  | 0.6  | 0.1  |
| 0.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.7  | 1.1  | 1.1  | 1.2  | 1.1  | 1.1  | 0.9  |
| 0.1  | 0.0  | 0.4  | 0.5  | 0.2  | 0.2  | 0.4  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 4.6  | 5.0  | 3.8  | 4.2  | 5.4  | 5.8  | 4.7  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.2  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.7  | 0.6  | 0.0  | 0.1  | 0.2  |
| 0.1  | 0.0  | 0.3  | 0.3  | 0.1  | 0.1  | 1.2  |
| 6.0  | 8.8  | 7.2  | 6.9  | 8.3  | 8.9  | 3.3  |
| 3.4  | 5.3  | 4.5  | 6.3  | 5.2  | 4.2  | 1.3  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  |
| 2.3  | 3.0  | 3.0  | 2.7  | 2.8  | 2.9  | 2.1  |
| 0.4  | 0.4  | 1.0  | 1.3  | 0.8  | 1.0  | 0.5  |
| 2.5  | 2.4  | 1.7  | 1.4  | 3.3  | 3.7  | 0.6  |
| 0.3  | 0.2  | 0.6  | 0.4  | 0.1  | 0.2  | 0.0  |
| 6.9  | 8.2  | 12.0 | 13.3 | 9.5  | 12.0 | 9.9  |
| 13.6 | 13.0 | 10.4 | 12.7 | 16.0 | 13.4 | 10.0 |
| 28.3 | 37.3 | 39.5 | 41.5 | 38.4 | 41.7 | 36.3 |
| 0.1  | 0.1  | 0.4  | 0.3  | 0.0  | 0.2  | 0.0  |
| 0.4  | 0.3  | 0.4  | 0.3  | 1.2  | 0.0  | 0.0  |
| 0.2  | 0.4  | 0.4  | 0.4  | 0.2  | 0.3  | 1.1  |
| 0.3  | 0.5  | 0.9  | 0.4  | 0.1  | 0.8  | 0.3  |
| 2.9  | 4.8  | 4.5  | 3.2  | 5.1  | 5.5  | 1.4  |
| 15.7 | 21.5 | 21.1 | 20.8 | 25.9 | 24.8 | 9.5  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.0  | 0.1  | 0.0  |
| 6.2  | 7.7  | 6.8  | 5.5  | 7.7  | 7.6  | 9.7  |
| 0.1  | 0.0  | 0.5  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.5  | 1.6  | 3.1  | 2.6  | 0.7  | 2.5  | 0.8  |
| 20.1 | 63.1 | 48.9 | 49.6 | 47.9 | 47.1 | 44.2 |
| 6.7  | 10.4 | 5.2  | 4.2  | 6.7  | 10.2 | 9.5  |
| 0.4  | 0.5  | 1.2  | 1.0  | 0.4  | 1.6  | 0.3  |
| 4.7  | 7.8  | 5.0  | 8.2  | 7.1  | 6.2  | 7.6  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 20.4 | 25.4 | 24.5 | 24.6 | 33.3 | 34.6 | 29.8 |
| 0.4  | 1.0  | 0.5  | 1.7  | 0.6  | 0.4  | 1.1  |
| 0.1  | 0.2  | 1.2  | 0.7  | 0.0  | 0.5  | 0.0  |
| 0.2  | 0.2  | 0.1  | 0.3  | 0.3  | 0.9  | 0.0  |
| 5.0  | 5.8  | 6.6  | 8.0  | 7.3  | 6.8  | 5.9  |
| 1.2  | 1.0  | 2.0  | 2.5  | 1.9  | 2.0  | 0.5  |
| 0.2  | 0.3  | 0.3  | 0.3  | 0.2  | 0.1  | 0.2  |
| 3.5  | 5.0  | 4.3  | 5.7  | 4.9  | 5.9  | 6.0  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 11.1 | 17.2 | 22.1 | 25.0 | 21.4 | 20.1 | 21.8 |
| 0.1  | 0.1  | 0.1  | 0.3  | 0.1  | 0.6  | 0.0  |
| 0.2  | 0.8  | 1.8  | 1.4  | 0.6  | 1.9  | 0.7  |
| 15.7 | 18.5 | 17.9 | 18.7 | 17.2 | 18.1 | 13.9 |
| 5.7  | 4.9  | 5.7  | 8.3  | 7.0  | 5.7  | 8.4  |

|      |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|
| 6.9  | 6.9   | 6.2   | 6.4   | 9.2   | 6.1   | 2.7   |
| 0.9  | 0.8   | 2.0   | 1.3   | 1.2   | 0.7   | 0.0   |
| 0.3  | 0.3   | 0.1   | 0.3   | 0.4   | 0.3   | 0.0   |
| 13.3 | 17.1  | 15.5  | 17.0  | 22.5  | 20.9  | 8.2   |
| 15.6 | 23.5  | 28.0  | 37.9  | 20.4  | 23.5  | 20.6  |
| 0.5  | 0.3   | 0.7   | 0.8   | 0.8   | 1.2   | 0.7   |
| 0.0  | 0.1   | 0.1   | 0.1   | 0.3   | 0.0   | 0.0   |
| 0.0  | 0.0   | 0.3   | 0.2   | 0.0   | 0.1   | 0.0   |
| 0.5  | 0.5   | 0.4   | 0.3   | 0.4   | 0.6   | 0.0   |
| 0.1  | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   | 0.2   |
| 0.1  | 0.1   | 0.4   | 0.3   | 0.0   | 0.2   | 0.0   |
| 58.6 | 73.1  | 65.2  | 63.6  | 75.0  | 79.0  | 64.3  |
| 2.8  | 3.0   | 3.4   | 5.1   | 3.6   | 4.0   | 3.4   |
| 0.2  | 0.7   | 1.4   | 1.2   | 0.4   | 0.7   | 0.5   |
| 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.2  | 1.7   | 2.4   | 2.9   | 1.6   | 2.3   | 1.0   |
| 4.9  | 7.8   | 6.8   | 6.0   | 7.6   | 8.4   | 4.2   |
| 6.3  | 7.6   | 6.2   | 7.2   | 9.6   | 10.5  | 2.5   |
| 0.0  | 0.0   | 0.2   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.0  | 0.0   | 0.1   | 0.3   | 0.1   | 0.9   | 0.0   |
| 0.1  | 0.2   | 0.1   | 0.4   | 0.2   | 0.6   | 0.7   |
| 4.3  | 4.7   | 3.4   | 4.1   | 8.2   | 5.3   | 1.9   |
| 0.0  | 0.0   | 0.3   | 0.1   | 0.0   | 0.3   | 0.0   |
| 1.7  | 1.9   | 1.3   | 1.8   | 1.6   | 1.9   | 0.7   |
| 0.3  | 0.2   | 0.4   | 0.1   | 0.3   | 0.3   | 0.3   |
| 0.1  | 0.0   | 0.2   | 0.5   | 0.2   | 0.0   | 0.0   |
| 0.0  | 0.2   | 0.5   | 0.3   | 0.1   | 0.6   | 0.0   |
| 7.7  | 7.0   | 7.6   | 8.2   | 11.1  | 9.3   | 9.8   |
| 13.5 | 25.0  | 20.2  | 20.5  | 16.2  | 25.1  | 33.6  |
| 2.2  | 1.6   | 1.6   | 1.7   | 1.9   | 2.3   | 1.8   |
| 3.6  | 4.5   | 4.0   | 5.2   | 4.0   | 5.7   | 6.0   |
| 13.4 | 12.4  | 14.1  | 20.9  | 13.4  | 13.7  | 16.3  |
| 8.4  | 7.6   | 9.6   | 11.7  | 10.5  | 10.2  | 15.1  |
| 93.3 | 100.1 | 104.5 | 111.5 | 106.0 | 105.7 | 159.8 |
| 2.6  | 2.5   | 3.3   | 3.3   | 3.5   | 4.8   | 2.6   |
| 19.0 | 23.9  | 26.3  | 31.7  | 23.8  | 24.9  | 31.4  |
| 0.1  | 0.2   | 0.1   | 0.2   | 0.2   | 0.2   | 0.0   |
| 2.5  | 2.6   | 1.9   | 4.2   | 3.7   | 1.1   | 1.4   |
| 61.2 | 76.0  | 69.8  | 91.4  | 65.9  | 70.9  | 95.1  |
| 10.5 | 10.3  | 6.4   | 6.8   | 8.8   | 13.3  | 3.0   |
| 3.7  | 5.8   | 5.5   | 6.8   | 5.8   | 7.4   | 4.5   |
| 1.9  | 3.1   | 1.8   | 1.9   | 3.0   | 2.6   | 1.0   |
| 12.2 | 11.3  | 13.5  | 17.5  | 11.9  | 17.8  | 24.7  |
| 0.1  | 0.0   | 0.2   | 0.2   | 0.0   | 0.1   | 0.0   |
| 16.4 | 16.4  | 23.7  | 28.1  | 24.5  | 20.5  | 27.9  |
| 1.1  | 1.5   | 2.4   | 2.4   | 1.7   | 1.6   | 2.2   |
| 0.0  | 0.1   | 0.1   | 0.2   | 0.0   | 0.0   | 0.0   |



|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 6.9  | 7.9  | 5.3  | 4.7  | 15.0 | 0.0  | 13.1 |
| 21.8 | 15.0 | 12.1 | 12.4 | 15.4 | 29.3 | 7.4  |
| 1.2  | 1.8  | 0.0  | 0.0  | 0.0  | 9.5  | 0.0  |
| 28.7 | 17.1 | 11.9 | 10.9 | 16.5 | 37.4 | 26.1 |
| 0.0  | 0.0  | 0.0  | 2.1  | 0.0  | 12.4 | 0.0  |
| 2.6  | 0.0  | 0.0  | 2.3  | 0.0  | 0.0  | 0.0  |
| 19.8 | 17.2 | 25.2 | 32.6 | 35.2 | 20.0 | 41.8 |
| 0.1  | 0.1  | 0.3  | 0.3  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.3  | 0.0  | 0.1  | 0.0  |
| 0.3  | 0.4  | 0.3  | 0.3  | 0.6  | 0.5  | 0.3  |
| 0.8  | 0.8  | 3.3  | 3.1  | 1.3  | 2.4  | 1.2  |
| 0.0  | 0.1  | 0.3  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.3  | 0.8  | 1.1  | 0.3  | 0.6  | 0.8  |
| 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.1  | 0.4  | 0.1  | 0.0  | 0.0  |
| 1.3  | 1.3  | 1.7  | 2.1  | 0.9  | 1.5  | 0.6  |
| 0.0  | 0.4  | 0.0  | 0.4  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.2  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 4.6  | 8.1  | 9.5  | 9.5  | 8.8  | 8.4  | 8.1  |
| 6.3  | 5.5  | 6.6  | 7.9  | 9.4  | 7.9  | 10.0 |
| 0.2  | 0.0  | 0.5  | 0.0  | 0.0  | 0.0  | 0.0  |
| 23.8 | 33.2 | 16.1 | 16.9 | 30.1 | 31.8 | 19.6 |
| 3.1  | 5.0  | 6.7  | 5.3  | 5.8  | 5.1  | 1.8  |
| 23.0 | 26.7 | 25.4 | 28.0 | 30.6 | 29.0 | 41.6 |
| 14.5 | 12.6 | 16.9 | 21.6 | 20.1 | 17.0 | 20.4 |
| 2.3  | 3.3  | 3.7  | 7.6  | 4.0  | 3.5  | 6.2  |
| 0.0  | 0.2  | 0.3  | 0.3  | 0.2  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.2  | 0.0  | 0.0  |
| 0.7  | 1.0  | 1.9  | 1.9  | 0.6  | 1.0  | 0.0  |
| 19.4 | 13.9 | 29.3 | 30.4 | 26.0 | 34.3 | 45.2 |
| 0.1  | 0.2  | 0.5  | 0.4  | 0.3  | 0.5  | 0.0  |
| 0.0  | 0.0  | 0.6  | 1.1  | 0.3  | 0.4  | 0.0  |
| 0.2  | 0.2  | 0.9  | 0.5  | 0.6  | 0.3  | 0.0  |
| 65.9 | 65.8 | 72.5 | 86.2 | 71.6 | 37.7 | 35.5 |
| 5.6  | 7.0  | 6.2  | 6.1  | 7.9  | 7.8  | 4.8  |
| 6.7  | 9.4  | 10.7 | 7.4  | 8.2  | 10.5 | 10.8 |
| 0.1  | 0.0  | 0.0  | 0.2  | 0.1  | 0.1  | 0.0  |
| 2.0  | 1.8  | 2.9  | 2.6  | 2.2  | 2.8  | 2.4  |
| 0.1  | 0.0  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.2  | 0.4  | 0.0  |
| 0.2  | 0.1  | 0.7  | 0.2  | 0.1  | 0.1  | 0.2  |
| 0.1  | 0.2  | 0.4  | 0.3  | 0.1  | 0.6  | 0.0  |
| 0.5  | 0.7  | 1.4  | 1.9  | 1.0  | 1.2  | 0.0  |
| 6.9  | 8.4  | 7.5  | 8.0  | 8.5  | 8.1  | 7.9  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.6  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.1  | 0.9  | 0.3  | 0.4  | 0.5  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.7  | 0.0  | 0.3  | 0.0  |
| 0.0  | 0.2  | 0.5  | 0.4  | 0.1  | 0.0  | 0.0  |
| 0.5  | 0.4  | 0.7  | 0.7  | 0.6  | 0.4  | 0.3  |
| 5.5  | 8.0  | 7.5  | 7.4  | 8.7  | 8.3  | 1.1  |
| 0.1  | 0.0  | 0.6  | 0.2  | 0.0  | 0.0  | 0.0  |
| 3.7  | 3.8  | 4.9  | 5.0  | 5.2  | 4.6  | 2.7  |
| 17.1 | 20.9 | 20.7 | 23.2 | 25.4 | 21.9 | 17.1 |
| 6.6  | 4.8  | 6.8  | 8.9  | 8.9  | 8.1  | 8.5  |
| 2.2  | 2.0  | 2.0  | 1.7  | 3.9  | 2.5  | 1.2  |
| 3.1  | 3.5  | 4.0  | 5.1  | 4.2  | 3.9  | 3.1  |
| 14.5 | 21.1 | 21.1 | 26.8 | 16.7 | 19.8 | 17.7 |
| 0.6  | 1.8  | 1.2  | 0.6  | 0.7  | 1.3  | 2.1  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 3.0  | 2.9  | 3.0  | 3.7  | 2.8  | 2.4  | 4.8  |
| 0.1  | 0.1  | 0.9  | 0.6  | 0.1  | 0.7  | 0.0  |
| 0.2  | 0.6  | 0.9  | 1.2  | 0.2  | 0.8  | 0.4  |
| 1.8  | 2.6  | 3.1  | 2.5  | 2.8  | 2.9  | 2.2  |
| 0.1  | 0.2  | 0.0  | 0.4  | 0.0  | 0.6  | 0.0  |
| 0.2  | 0.0  | 0.1  | 0.5  | 0.0  | 0.5  | 0.0  |
| 0.1  | 0.0  | 0.7  | 0.7  | 0.0  | 0.3  | 0.0  |
| 0.4  | 1.0  | 3.6  | 2.5  | 1.2  | 2.2  | 1.5  |
| 3.2  | 4.0  | 4.8  | 4.6  | 3.3  | 5.1  | 5.8  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.4  | 0.4  | 0.0  | 0.1  | 0.0  |
| 2.0  | 2.5  | 2.5  | 2.3  | 1.7  | 2.3  | 1.4  |
| 0.0  | 0.2  | 0.4  | 0.1  | 0.2  | 0.2  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  |
| 1.0  | 2.6  | 4.0  | 4.0  | 2.1  | 3.8  | 0.9  |
| 13.9 | 12.3 | 13.0 | 15.6 | 11.8 | 14.3 | 17.2 |
| 0.0  | 0.1  | 0.3  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.2  | 0.3  | 0.1  | 0.7  | 0.1  | 0.0  |
| 0.7  | 0.7  | 0.7  | 0.6  | 1.0  | 0.6  | 0.6  |
| 0.1  | 0.1  | 0.7  | 0.3  | 0.1  | 0.1  | 0.0  |
| 6.1  | 5.8  | 9.2  | 11.2 | 9.3  | 6.1  | 7.5  |
| 41.1 | 36.6 | 42.9 | 49.7 | 35.8 | 28.8 | 72.0 |
| 7.2  | 11.7 | 9.7  | 10.6 | 8.3  | 10.8 | 13.6 |
| 2.2  | 2.5  | 3.0  | 2.2  | 3.2  | 2.5  | 0.4  |
| 0.1  | 0.1  | 0.1  | 0.2  | 0.0  | 0.2  | 0.0  |
| 0.1  | 0.3  | 0.7  | 0.4  | 0.1  | 0.1  | 0.4  |
| 3.9  | 5.4  | 4.4  | 3.6  | 6.5  | 7.9  | 3.4  |
| 19.8 | 22.6 | 17.4 | 22.7 | 27.6 | 23.4 | 16.9 |
| 0.1  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 2.9  | 3.7  | 5.2  | 6.1  | 4.7  | 4.7  | 3.4  |
| 0.7  | 1.8  | 3.5  | 2.8  | 1.9  | 4.2  | 0.6  |
| 0.0  | 0.2  | 0.7  | 0.7  | 0.1  | 0.9  | 0.0  |
| 0.2  | 0.2  | 0.7  | 0.2  | 0.3  | 0.0  | 0.0  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 1.2   | 2.2   | 2.5   | 1.5   | 2.7   | 2.0   | 1.7   |
| 3.7   | 4.2   | 4.3   | 3.8   | 4.6   | 3.3   | 1.3   |
| 10.1  | 10.1  | 6.8   | 9.4   | 12.2  | 9.9   | 1.8   |
| 12.4  | 11.7  | 11.4  | 11.7  | 16.3  | 13.0  | 5.1   |
| 0.1   | 0.0   | 0.5   | 0.2   | 0.0   | 0.3   | 0.0   |
| 18.2  | 18.5  | 18.4  | 19.0  | 25.0  | 27.7  | 15.0  |
| 0.1   | 0.0   | 0.8   | 1.4   | 0.2   | 0.1   | 0.0   |
| 0.1   | 0.2   | 0.1   | 0.2   | 0.2   | 0.3   | 0.2   |
| 6.6   | 8.8   | 9.6   | 9.0   | 8.4   | 9.8   | 4.4   |
| 4.6   | 5.0   | 5.1   | 5.6   | 6.7   | 5.8   | 5.5   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.5   | 0.4   | 0.2   | 0.1   | 0.0   |
| 17.2  | 14.6  | 19.3  | 24.8  | 21.7  | 18.9  | 41.8  |
| 2.0   | 2.5   | 1.6   | 2.1   | 2.9   | 2.9   | 1.2   |
| 7.3   | 8.1   | 8.1   | 7.0   | 10.0  | 5.3   | 3.0   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.2   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 51.3  | 46.2  | 28.6  | 29.1  | 54.6  | 61.3  | 52.7  |
| 47.9  | 65.9  | 59.4  | 64.9  | 69.0  | 62.1  | 64.8  |
| 0.6   | 0.8   | 1.1   | 0.9   | 0.6   | 1.0   | 1.1   |
| 0.0   | 0.0   | 0.3   | 0.1   | 0.1   | 0.1   | 0.0   |
| 3.6   | 2.9   | 4.0   | 5.1   | 3.4   | 4.8   | 2.0   |
| 6.5   | 7.6   | 5.7   | 5.7   | 10.3  | 9.0   | 2.6   |
| 254.6 | 319.2 | 322.2 | 378.3 | 309.3 | 348.9 | 402.1 |
| 20.5  | 20.5  | 16.7  | 15.6  | 32.8  | 26.1  | 8.6   |
| 7.8   | 7.6   | 7.3   | 5.6   | 7.5   | 8.4   | 4.5   |
| 0.8   | 0.8   | 1.0   | 1.1   | 0.5   | 1.0   | 0.0   |
| 0.2   | 0.1   | 0.2   | 0.4   | 0.5   | 0.1   | 0.0   |
| 6.1   | 6.4   | 8.2   | 9.0   | 8.8   | 6.1   | 5.5   |
| 4.2   | 4.4   | 4.7   | 4.7   | 4.9   | 4.7   | 4.9   |
| 30.8  | 34.7  | 38.7  | 49.7  | 37.6  | 39.2  | 40.1  |
| 3.0   | 3.2   | 2.8   | 2.5   | 4.4   | 4.3   | 0.8   |
| 0.0   | 0.0   | 0.3   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.1   | 0.3   | 0.3   | 0.1   | 0.2   | 0.0   |
| 14.0  | 17.9  | 17.4  | 15.3  | 18.9  | 19.9  | 7.6   |
| 7.9   | 12.4  | 12.6  | 12.8  | 12.4  | 11.6  | 12.5  |
| 178.7 | 87.3  | 170.7 | 92.9  | 61.3  | 122.9 | 32.8  |
| 2.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 205.8 | 117.5 | 242.7 | 140.1 | 136.9 | 177.4 | 79.3  |
| 8.3   | 0.0   | 1.3   | 1.5   | 1.4   | 0.0   | 0.0   |
| 0.8   | 1.8   | 3.0   | 2.3   | 1.5   | 2.5   | 0.4   |
| 1.1   | 0.8   | 2.5   | 1.0   | 1.0   | 10.3  | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.5   | 0.0   | 0.0   | 0.0   | 0.0   |
| 433.4 | 328.9 | 322.1 | 258.4 | 376.4 | 341.1 | 72.1  |
| 14.9  | 2.3   | 14.9  | 1.8   | 5.3   | 4.1   | 0.0   |
| 1.6   | 1.6   | 0.0   | 0.9   | 0.0   | 10.0  | 0.0   |

|         |         |         |         |         |         |         |
|---------|---------|---------|---------|---------|---------|---------|
| 414.6   | 200.1   | 285.1   | 194.4   | 221.3   | 332.7   | 253.7   |
| 1920.0  | 541.8   | 609.4   | 316.6   | 708.5   | 1486.8  | 1115.7  |
| 1807.0  | 478.7   | 534.2   | 277.9   | 675.1   | 836.5   | 393.9   |
| 299.7   | 72.3    | 134.1   | 64.3    | 106.5   | 86.7    | 297.3   |
| 4377.0  | 2522.8  | 3810.9  | 1436.7  | 788.5   | 1599.2  | 261.8   |
| 1.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 0.8     | 1.2     | 0.0     | 0.0     | 1.4     | 0.0     | 0.0     |
| 6.2     | 2.7     | 4.0     | 4.7     | 4.6     | 4.7     | 0.0     |
| 3.8     | 0.0     | 0.0     | 0.0     | 0.0     | 2.5     | 0.0     |
| 13.9    | 8.7     | 11.2    | 7.3     | 0.0     | 2.2     | 9.2     |
| 17039.0 | 5878.8  | 11097.9 | 14465.9 | 10449.4 | 10597.2 | 17470.0 |
| 354.7   | 170.0   | 131.4   | 94.0    | 155.9   | 314.4   | 44.7    |
| 13.6    | 12.8    | 11.4    | 11.8    | 18.6    | 17.7    | 6.3     |
| 52.0    | 46.3    | 48.3    | 57.8    | 55.0    | 47.2    | 148.0   |
| 8120.2  | 4366.2  | 6494.2  | 3584.4  | 3858.7  | 5448.3  | 5711.0  |
| 0.1     | 0.4     | 1.0     | 0.2     | 0.1     | 0.5     | 0.0     |
| 4429.7  | 2780.4  | 2615.7  | 2404.4  | 1362.7  | 1857.8  | 1315.1  |
| 581.6   | 225.6   | 647.6   | 270.6   | 538.0   | 511.5   | 436.6   |
| 12063.9 | 7886.6  | 17172.1 | 10680.8 | 10985.0 | 24142.0 | 5386.1  |
| 6.2     | 2.7     | 1.4     | 9.6     | 6.2     | 0.0     | 0.0     |
| 507.6   | 580.8   | 586.5   | 588.2   | 512.9   | 524.3   | 345.5   |
| 0.0     | 0.1     | 0.6     | 0.5     | 0.0     | 0.5     | 0.0     |
| 0.0     | 0.1     | 0.7     | 0.5     | 0.0     | 0.4     | 0.0     |
| 0.1     | 0.1     | 0.2     | 0.2     | 0.1     | 0.5     | 0.0     |
| 0.0     | 0.0     | 0.1     | 0.4     | 0.2     | 0.0     | 0.0     |
| 0.0     | 0.0     | 0.0     | 0.1     | 0.1     | 0.0     | 0.0     |
| 0.0     | 0.0     | 0.3     | 0.1     | 0.1     | 0.0     | 0.0     |
| 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 1.3     | 1.5     | 1.3     | 1.7     | 1.6     | 1.8     | 1.7     |
| 25019.6 | 10914.6 | 15183.8 | 15535.0 | 10746.9 | 12626.5 | 7253.9  |
| 46140.2 | 11621.4 | 15361.7 | 10552.6 | 16525.3 | 8538.0  | 18432.2 |
| 0.3     | 0.4     | 0.1     | 0.5     | 1.4     | 0.4     | 0.0     |
| 0.6     | 0.9     | 0.5     | 0.6     | 0.9     | 1.0     | 0.5     |
| 0.0     | 0.0     | 0.2     | 0.1     | 0.1     | 0.1     | 0.0     |
| 2.8     | 4.2     | 5.5     | 5.8     | 5.5     | 5.5     | 1.5     |
| 0.2     | 0.1     | 0.1     | 0.0     | 0.1     | 0.3     | 0.0     |
| 0.7     | 1.1     | 1.6     | 1.2     | 0.8     | 1.7     | 0.0     |
| 16.9    | 15.8    | 13.8    | 14.7    | 16.1    | 16.9    | 10.5    |
| 0.0     | 0.0     | 0.2     | 0.1     | 0.1     | 0.1     | 0.0     |
| 10.6    | 13.5    | 12.7    | 11.5    | 13.4    | 14.1    | 11.1    |
| 78.6    | 86.0    | 95.7    | 83.8    | 107.1   | 83.7    | 78.4    |
| 0.3     | 0.1     | 0.1     | 0.1     | 1.0     | 0.2     | 0.0     |
| 0.0     | 0.0     | 0.0     | 0.1     | 0.1     | 0.1     | 0.0     |
| 1.8     | 2.2     | 2.3     | 2.0     | 3.2     | 1.6     | 0.7     |
| 0.0     | 0.5     | 1.2     | 0.3     | 0.5     | 0.4     | 0.0     |
| 0.0     | 0.0     | 0.0     | 0.2     | 0.2     | 0.0     | 0.0     |
| 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.1   | 0.2   | 0.5   | 0.4   | 0.4   | 0.4   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.2   | 0.1   | 0.1   | 0.0   |
| 0.1   | 0.1   | 0.4   | 0.3   | 0.0   | 0.1   | 0.0   |
| 245.7 | 44.7  | 262.9 | 87.8  | 40.9  | 114.8 | 54.2  |
| 106.1 | 36.8  | 50.1  | 23.7  | 67.8  | 23.3  | 132.2 |
| 70.9  | 7.9   | 23.7  | 12.4  | 15.0  | 17.1  | 422.5 |
| 4.5   | 6.7   | 6.6   | 5.0   | 9.0   | 7.5   | 1.8   |
| 39.8  | 58.2  | 68.9  | 79.3  | 60.2  | 71.0  | 82.1  |
| 0.6   | 1.3   | 0.4   | 0.9   | 0.8   | 1.5   | 1.2   |
| 2.2   | 2.8   | 3.0   | 3.6   | 3.8   | 3.8   | 2.7   |
| 8.8   | 10.7  | 10.6  | 12.7  | 12.6  | 11.1  | 6.8   |
| 0.3   | 0.3   | 0.6   | 0.6   | 0.4   | 0.4   | 0.4   |
| 0.3   | 1.0   | 1.3   | 1.9   | 1.0   | 1.4   | 0.0   |
| 17.4  | 18.4  | 21.2  | 15.2  | 25.9  | 21.2  | 4.6   |
| 0.1   | 0.1   | 0.2   | 0.3   | 0.1   | 0.3   | 0.1   |
| 0.2   | 0.2   | 0.3   | 0.4   | 0.3   | 0.2   | 0.0   |
| 0.0   | 0.1   | 0.3   | 0.1   | 0.1   | 0.4   | 0.0   |
| 4.5   | 6.5   | 4.6   | 4.5   | 5.2   | 6.9   | 4.1   |
| 0.0   | 0.0   | 0.3   | 0.2   | 0.0   | 0.1   | 0.0   |
| 2.0   | 3.0   | 2.7   | 3.1   | 3.1   | 2.9   | 2.1   |
| 2.6   | 2.6   | 4.3   | 3.9   | 3.1   | 3.2   | 0.4   |
| 0.1   | 0.2   | 0.6   | 0.2   | 0.0   | 0.3   | 0.0   |
| 0.0   | 0.1   | 0.3   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.2   | 0.2   | 0.3   | 0.2   | 0.1   | 0.4   | 0.8   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.5   | 0.2   | 0.1   | 0.1   | 0.0   |
| 4.0   | 5.0   | 4.1   | 6.2   | 4.9   | 6.6   | 5.5   |
| 0.1   | 0.2   | 0.4   | 0.6   | 0.5   | 0.4   | 0.0   |
| 468.8 | 401.0 | 412.2 | 361.9 | 503.7 | 492.6 | 216.9 |
| 392.7 | 356.0 | 246.5 | 310.7 | 297.5 | 304.3 | 505.4 |
| 707.7 | 571.7 | 535.4 | 517.3 | 610.7 | 795.0 | 562.8 |
| 4.9   | 5.7   | 4.9   | 5.4   | 8.0   | 8.9   | 2.2   |
| 1.7   | 3.2   | 4.4   | 3.9   | 2.5   | 4.2   | 3.0   |
| 7.1   | 8.8   | 4.7   | 5.6   | 5.7   | 8.4   | 6.1   |
| 0.1   | 0.1   | 0.6   | 0.3   | 0.2   | 0.2   | 0.0   |
| 8.1   | 12.6  | 11.4  | 15.1  | 12.4  | 9.4   | 6.8   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.3   | 0.1   | 0.0   |
| 1.1   | 2.4   | 2.4   | 3.1   | 2.1   | 2.5   | 1.5   |
| 27.9  | 32.8  | 38.9  | 37.8  | 32.3  | 42.2  | 44.8  |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 10.3  | 11.9  | 10.2  | 9.8   | 15.9  | 14.6  | 4.8   |
| 2.7   | 3.4   | 3.7   | 4.0   | 3.4   | 4.4   | 5.0   |
| 1.3   | 1.9   | 2.0   | 1.6   | 2.6   | 1.8   | 0.9   |
| 38.6  | 38.4  | 41.4  | 42.0  | 47.4  | 44.1  | 31.6  |
| 13.0  | 19.5  | 17.7  | 17.9  | 19.8  | 25.2  | 19.9  |
| 5.1   | 6.2   | 6.0   | 7.4   | 6.0   | 6.8   | 6.9   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.1  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 7.1  | 7.3  | 3.8  | 4.4  | 4.1  | 9.0  | 4.7  |
| 38.4 | 33.9 | 35.2 | 41.1 | 44.0 | 43.0 | 20.1 |
| 0.0  | 0.0  | 0.5  | 0.2  | 0.1  | 0.0  | 0.0  |
| 7.4  | 8.2  | 10.3 | 10.8 | 8.7  | 8.6  | 8.4  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.2  | 0.4  | 0.4  | 0.3  | 0.4  | 0.2  |
| 4.3  | 6.0  | 5.6  | 4.8  | 6.4  | 4.7  | 3.4  |
| 8.2  | 7.3  | 6.3  | 6.3  | 11.6 | 11.1 | 4.0  |
| 0.9  | 1.0  | 1.7  | 1.9  | 1.5  | 1.4  | 1.6  |
| 52.5 | 52.4 | 55.5 | 63.5 | 58.1 | 56.8 | 66.8 |
| 2.1  | 3.4  | 2.1  | 3.1  | 4.0  | 3.3  | 0.6  |
| 2.3  | 2.3  | 2.2  | 1.8  | 2.9  | 3.0  | 1.0  |
| 1.2  | 1.9  | 1.3  | 1.6  | 2.2  | 2.2  | 1.1  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.3  | 0.7  | 1.1  | 1.4  | 0.5  | 0.7  | 0.7  |
| 3.5  | 4.1  | 6.4  | 11.6 | 8.5  | 3.6  | 4.2  |
| 3.4  | 5.1  | 3.6  | 3.4  | 5.0  | 4.8  | 1.4  |
| 0.1  | 0.1  | 0.1  | 0.2  | 0.2  | 0.2  | 0.3  |
| 1.3  | 1.2  | 1.4  | 2.2  | 1.8  | 1.9  | 0.6  |
| 0.1  | 0.2  | 0.2  | 0.2  | 0.1  | 0.2  | 0.1  |
| 5.2  | 4.1  | 6.5  | 9.3  | 7.8  | 6.0  | 8.9  |
| 0.8  | 1.0  | 1.3  | 1.4  | 1.7  | 1.4  | 0.3  |
| 0.1  | 0.1  | 0.3  | 0.3  | 0.0  | 0.0  | 0.4  |
| 0.0  | 0.1  | 0.6  | 0.2  | 0.0  | 0.5  | 0.0  |
| 9.8  | 9.7  | 11.4 | 14.1 | 12.3 | 11.5 | 11.2 |
| 0.3  | 0.1  | 0.9  | 1.0  | 0.1  | 0.3  | 0.0  |
| 0.1  | 0.0  | 0.5  | 0.5  | 0.0  | 1.3  | 0.0  |
| 9.6  | 17.8 | 15.3 | 22.6 | 16.0 | 17.9 | 24.3 |
| 0.1  | 0.2  | 0.1  | 0.4  | 0.0  | 0.0  | 0.0  |
| 3.5  | 13.4 | 7.5  | 17.9 | 7.1  | 8.9  | 19.0 |
| 19.6 | 28.3 | 33.6 | 39.9 | 58.7 | 44.2 | 82.2 |
| 2.9  | 5.0  | 10.8 | 8.4  | 4.4  | 7.7  | 3.6  |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.2  | 0.2  | 0.1  | 0.2  | 0.2  | 0.1  |
| 0.0  | 0.1  | 0.4  | 0.2  | 0.6  | 0.3  | 0.0  |
| 16.6 | 19.8 | 15.9 | 16.4 | 22.5 | 20.5 | 6.5  |
| 1.1  | 1.7  | 5.1  | 4.5  | 4.5  | 2.0  | 1.8  |
| 9.2  | 13.9 | 13.6 | 16.2 | 12.5 | 11.7 | 11.8 |
| 3.2  | 4.1  | 2.6  | 2.1  | 4.0  | 3.8  | 1.3  |
| 18.8 | 23.4 | 23.5 | 23.9 | 25.8 | 23.2 | 27.0 |
| 18.9 | 18.2 | 16.5 | 18.0 | 25.0 | 19.8 | 9.3  |
| 0.1  | 0.2  | 0.7  | 0.8  | 0.3  | 1.5  | 0.0  |
| 18.3 | 9.2  | 14.9 | 18.3 | 16.1 | 15.6 | 28.4 |
| 2.3  | 3.1  | 2.8  | 3.0  | 3.6  | 3.0  | 1.4  |
| 22.2 | 19.9 | 15.5 | 17.3 | 29.7 | 22.9 | 4.4  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.4  | 1.2  | 2.2  | 1.5  | 0.9  | 2.1  | 0.6  |
| 0.3  | 0.4  | 0.5  | 0.9  | 0.6  | 0.7  | 0.1  |
| 1.5  | 1.6  | 2.0  | 1.4  | 2.1  | 1.6  | 0.7  |
| 0.1  | 0.0  | 0.1  | 0.2  | 0.1  | 0.2  | 0.0  |
| 17.8 | 15.2 | 18.1 | 19.4 | 19.5 | 17.0 | 25.8 |
| 11.8 | 15.8 | 10.1 | 10.1 | 15.2 | 12.4 | 6.9  |
| 7.7  | 7.4  | 5.8  | 6.7  | 10.5 | 7.3  | 3.2  |
| 0.3  | 0.3  | 1.1  | 0.3  | 0.4  | 1.0  | 0.0  |
| 6.8  | 9.3  | 7.9  | 6.3  | 10.6 | 11.5 | 2.3  |
| 7.8  | 8.9  | 11.9 | 12.8 | 11.4 | 11.1 | 14.1 |
| 26.2 | 33.6 | 40.3 | 50.4 | 42.2 | 38.1 | 47.2 |
| 3.0  | 3.8  | 4.2  | 4.9  | 4.7  | 3.9  | 3.4  |
| 2.7  | 3.1  | 4.4  | 5.6  | 3.5  | 4.4  | 4.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 28.6 | 29.0 | 32.3 | 38.0 | 32.1 | 25.0 | 43.9 |
| 12.9 | 19.4 | 13.3 | 14.9 | 15.5 | 19.7 | 17.5 |
| 0.1  | 0.2  | 0.5  | 0.2  | 0.5  | 0.2  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.3  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.1  | 1.0  | 1.1  | 1.4  | 0.7  | 1.1  | 0.6  |
| 0.2  | 0.3  | 1.0  | 0.5  | 0.1  | 1.0  | 0.4  |
| 0.4  | 0.4  | 0.6  | 0.6  | 0.8  | 1.0  | 1.1  |
| 1.5  | 2.3  | 2.0  | 3.0  | 1.8  | 1.2  | 2.0  |
| 0.9  | 1.8  | 4.3  | 3.4  | 1.3  | 3.1  | 0.7  |
| 5.9  | 9.0  | 14.7 | 15.2 | 9.5  | 13.3 | 6.5  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.2  | 0.2  | 0.0  |
| 0.4  | 0.5  | 0.4  | 0.5  | 0.6  | 0.9  | 0.2  |
| 0.8  | 0.3  | 0.6  | 0.9  | 1.2  | 1.1  | 0.9  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.2  | 0.0  | 0.0  |
| 0.1  | 0.3  | 0.8  | 0.7  | 0.2  | 0.6  | 0.0  |
| 0.2  | 0.0  | 0.2  | 0.4  | 0.0  | 0.0  | 0.0  |
| 6.1  | 8.4  | 9.4  | 10.1 | 7.8  | 7.9  | 7.2  |
| 0.0  | 0.0  | 0.5  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.9  | 0.2  | 0.2  | 0.4  | 0.0  |
| 28.1 | 34.2 | 31.0 | 30.6 | 37.0 | 35.5 | 22.4 |
| 10.9 | 14.7 | 8.7  | 8.8  | 15.8 | 20.6 | 2.8  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  |
| 6.0  | 3.8  | 4.7  | 5.3  | 7.5  | 6.3  | 12.6 |
| 3.3  | 2.7  | 3.2  | 3.7  | 3.4  | 4.2  | 1.3  |
| 6.9  | 9.2  | 8.7  | 7.1  | 12.5 | 7.7  | 2.8  |
| 43.2 | 59.0 | 55.6 | 63.4 | 47.1 | 54.9 | 59.9 |
| 4.0  | 5.7  | 8.3  | 10.8 | 6.4  | 8.2  | 6.9  |
| 10.0 | 13.8 | 11.3 | 13.0 | 12.6 | 11.5 | 13.0 |
| 0.3  | 0.1  | 0.8  | 0.2  | 0.5  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.5  | 0.3  | 0.0  | 0.8  | 0.0  |
| 4.1  | 5.5  | 4.4  | 4.4  | 4.3  | 4.5  | 6.2  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 2.7   | 3.7   | 4.1   | 4.7   | 4.2   | 5.1   | 3.0   |
| 1.7   | 2.1   | 1.8   | 1.6   | 2.2   | 1.9   | 0.6   |
| 37.8  | 56.1  | 55.6  | 63.1  | 47.4  | 57.7  | 37.6  |
| 0.1   | 0.0   | 0.3   | 0.2   | 0.1   | 0.2   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.1   | 0.0   | 0.1   | 0.0   |
| 17.5  | 20.6  | 14.1  | 20.4  | 22.3  | 17.0  | 12.8  |
| 16.9  | 17.3  | 12.5  | 13.0  | 24.3  | 14.5  | 30.0  |
| 1.2   | 1.3   | 1.3   | 1.4   | 1.6   | 1.9   | 1.8   |
| 18.6  | 14.2  | 17.8  | 18.3  | 19.2  | 19.0  | 17.6  |
| 12.5  | 11.4  | 10.5  | 16.5  | 20.5  | 21.4  | 16.4  |
| 0.0   | 0.3   | 0.8   | 0.4   | 0.4   | 0.7   | 0.0   |
| 2.7   | 5.1   | 7.2   | 6.4   | 5.9   | 7.2   | 2.3   |
| 4.4   | 7.0   | 7.9   | 10.1  | 8.0   | 7.5   | 6.5   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 12.3  | 19.7  | 12.9  | 16.3  | 12.1  | 20.1  | 10.8  |
| 3.1   | 2.5   | 2.3   | 2.7   | 3.8   | 3.8   | 2.4   |
| 11.5  | 10.2  | 12.9  | 12.1  | 11.3  | 10.6  | 23.1  |
| 1.0   | 1.2   | 1.1   | 1.4   | 0.8   | 1.6   | 2.8   |
| 1.6   | 1.8   | 0.6   | 1.8   | 1.4   | 3.4   | 0.0   |
| 0.4   | 0.4   | 0.8   | 0.1   | 0.5   | 0.7   | 0.0   |
| 0.6   | 2.2   | 3.4   | 3.1   | 1.4   | 4.0   | 0.6   |
| 30.2  | 30.6  | 23.7  | 31.8  | 43.1  | 27.1  | 27.1  |
| 4.0   | 4.3   | 5.9   | 6.0   | 6.0   | 6.4   | 4.3   |
| 0.1   | 0.0   | 0.1   | 0.1   | 0.0   | 0.2   | 0.0   |
| 1.2   | 2.4   | 3.4   | 3.9   | 2.5   | 3.8   | 1.3   |
| 0.2   | 0.3   | 0.2   | 0.2   | 0.2   | 0.0   | 0.0   |
| 0.1   | 0.1   | 0.2   | 0.1   | 0.0   | 0.2   | 0.1   |
| 9.1   | 7.9   | 9.8   | 11.5  | 10.5  | 9.8   | 11.4  |
| 1.7   | 2.0   | 1.8   | 2.2   | 2.6   | 2.3   | 1.7   |
| 0.0   | 0.0   | 0.4   | 0.1   | 0.0   | 0.3   | 0.0   |
| 1.1   | 1.3   | 1.5   | 2.3   | 2.1   | 2.0   | 2.1   |
| 0.1   | 0.1   | 0.3   | 0.1   | 0.0   | 0.2   | 0.4   |
| 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.3   | 0.7   | 1.2   | 1.3   | 0.7   | 1.0   | 0.2   |
| 0.3   | 0.4   | 1.0   | 0.8   | 0.6   | 0.8   | 0.0   |
| 4.0   | 5.2   | 8.7   | 7.3   | 6.7   | 6.7   | 6.5   |
| 1.0   | 1.7   | 2.1   | 1.7   | 1.4   | 1.1   | 1.5   |
| 0.3   | 0.3   | 0.3   | 0.5   | 0.8   | 0.2   | 0.6   |
| 160.4 | 165.5 | 161.4 | 163.4 | 140.7 | 126.4 | 154.4 |
| 9.1   | 16.2  | 9.5   | 9.3   | 16.8  | 19.1  | 3.8   |
| 0.1   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 18.6  | 20.2  | 14.6  | 14.5  | 16.4  | 24.1  | 14.2  |
| 0.4   | 0.8   | 1.0   | 0.4   | 0.0   | 1.8   | 0.3   |
| 0.1   | 0.1   | 0.2   | 0.3   | 0.5   | 0.2   | 0.0   |
| 0.6   | 0.8   | 2.1   | 2.0   | 0.4   | 3.8   | 0.0   |
| 26.4  | 35.3  | 21.1  | 23.2  | 27.6  | 27.9  | 18.2  |
| 4.9   | 6.6   | 5.6   | 5.0   | 7.2   | 6.6   | 3.3   |



|         |         |         |         |         |         |         |
|---------|---------|---------|---------|---------|---------|---------|
| 0.0     | 0.0     | 0.3     | 0.3     | 0.0     | 0.0     | 0.0     |
| 11.3    | 10.2    | 13.9    | 17.0    | 12.4    | 9.7     | 16.1    |
| 0.5     | 1.0     | 0.7     | 0.7     | 1.0     | 1.2     | 1.2     |
| 2.5     | 3.0     | 3.8     | 4.1     | 3.4     | 3.7     | 2.6     |
| 0.0     | 0.0     | 0.1     | 0.4     | 0.0     | 0.0     | 0.0     |
| 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 0.0     | 0.1     | 0.0     | 0.1     | 0.2     | 0.1     | 0.0     |
| 3.5     | 5.0     | 4.5     | 3.8     | 4.5     | 4.8     | 2.6     |
| 7.8     | 12.5    | 10.4    | 10.2    | 13.6    | 8.3     | 4.0     |
| 3.6     | 6.7     | 3.7     | 5.7     | 4.4     | 4.8     | 4.0     |
| 6.8     | 4.2     | 6.5     | 7.4     | 6.7     | 5.8     | 10.0    |
| 1.1     | 1.5     | 1.7     | 1.8     | 2.1     | 2.4     | 0.4     |
| 20.4    | 25.6    | 18.1    | 15.5    | 20.0    | 22.5    | 23.2    |
| 1.8     | 1.5     | 1.7     | 1.8     | 2.8     | 2.6     | 3.0     |
| 5.2     | 6.8     | 6.8     | 5.8     | 8.7     | 7.0     | 3.9     |
| 0.0     | 0.1     | 0.2     | 0.1     | 0.4     | 0.2     | 0.0     |
| 0.1     | 0.1     | 0.4     | 0.2     | 0.2     | 0.1     | 0.0     |
| 4.1     | 4.6     | 2.7     | 3.0     | 5.8     | 5.1     | 1.8     |
| 0.8     | 1.5     | 1.7     | 1.3     | 1.0     | 1.3     | 0.5     |
| 8.6     | 14.2    | 9.1     | 9.6     | 9.8     | 14.5    | 8.1     |
| 0.4     | 0.5     | 0.8     | 0.9     | 0.2     | 1.3     | 0.0     |
| 0.1     | 0.1     | 0.2     | 0.5     | 0.2     | 0.2     | 0.0     |
| 4.6     | 4.4     | 5.5     | 6.0     | 5.1     | 4.0     | 4.0     |
| 0.0     | 0.0     | 0.1     | 0.1     | 0.0     | 0.0     | 0.0     |
| 0.1     | 0.0     | 0.2     | 0.2     | 0.1     | 0.2     | 0.0     |
| 30.3    | 36.6    | 32.5    | 33.9    | 35.0    | 38.2    | 39.8    |
| 2.9     | 3.5     | 2.3     | 2.0     | 4.4     | 3.4     | 2.5     |
| 0.0     | 0.1     | 0.2     | 0.0     | 0.0     | 0.0     | 0.0     |
| 0.5     | 0.7     | 0.4     | 0.7     | 0.5     | 0.8     | 0.0     |
| 0.1     | 0.1     | 0.2     | 0.2     | 0.1     | 0.2     | 0.0     |
| 16.8    | 17.0    | 16.1    | 15.3    | 14.8    | 16.5    | 20.1    |
| 0.1     | 0.0     | 0.2     | 0.2     | 0.0     | 0.1     | 0.0     |
| 0.2     | 0.4     | 1.3     | 1.1     | 0.5     | 0.8     | 0.7     |
| 22.5    | 34.2    | 32.0    | 38.6    | 32.6    | 32.0    | 33.7    |
| 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 0.0     | 0.0     | 0.2     | 0.1     | 0.1     | 0.2     | 0.0     |
| 0.3     | 1.2     | 1.6     | 1.7     | 1.0     | 2.6     | 0.0     |
| 8.3     | 10.3    | 11.4    | 11.1    | 9.9     | 11.8    | 3.8     |
| 29337.2 | 15107.7 | 15275.5 | 13427.6 | 10941.2 | 18572.5 | 11016.8 |
| 15655.5 | 14096.9 | 10984.0 | 11073.8 | 5291.2  | 5899.1  | 7538.2  |
| 5894.2  | 10425.5 | 4175.9  | 7294.9  | 5200.9  | 4606.1  | 4247.2  |
| 0.2     | 0.5     | 1.2     | 1.6     | 0.4     | 1.2     | 0.4     |
| 1.1     | 1.5     | 1.1     | 1.1     | 1.9     | 2.0     | 0.7     |
| 0.1     | 0.1     | 0.2     | 0.1     | 0.1     | 0.2     | 0.0     |
| 3.2     | 4.2     | 4.4     | 5.2     | 5.4     | 5.7     | 3.8     |
| 2.7     | 2.9     | 1.6     | 1.3     | 2.7     | 3.5     | 1.4     |
| 1.5     | 2.6     | 1.5     | 1.3     | 1.7     | 2.0     | 0.9     |

|      |       |      |       |      |       |       |
|------|-------|------|-------|------|-------|-------|
| 1.8  | 2.1   | 4.3  | 4.3   | 2.6  | 1.8   | 1.4   |
| 0.1  | 0.0   | 0.1  | 0.3   | 0.1  | 0.1   | 0.0   |
| 5.5  | 5.7   | 8.5  | 9.6   | 7.8  | 9.8   | 7.9   |
| 0.0  | 0.0   | 0.0  | 0.0   | 0.2  | 0.3   | 0.0   |
| 3.4  | 3.5   | 2.8  | 2.7   | 3.3  | 3.6   | 2.2   |
| 20.4 | 31.7  | 23.2 | 24.7  | 23.1 | 26.7  | 26.6  |
| 0.1  | 0.1   | 0.5  | 0.1   | 0.0  | 0.0   | 0.0   |
| 4.3  | 6.1   | 5.5  | 6.6   | 8.0  | 9.1   | 3.3   |
| 1.0  | 1.6   | 1.2  | 1.2   | 2.0  | 2.0   | 0.2   |
| 0.1  | 0.0   | 0.4  | 0.1   | 0.1  | 0.3   | 0.0   |
| 0.0  | 0.1   | 0.5  | 0.3   | 0.2  | 0.0   | 0.0   |
| 17.7 | 20.4  | 24.3 | 24.3  | 22.7 | 26.7  | 24.5  |
| 0.1  | 0.2   | 0.4  | 0.5   | 0.1  | 0.3   | 0.5   |
| 62.5 | 65.4  | 51.6 | 65.0  | 64.1 | 77.9  | 63.9  |
| 9.1  | 12.0  | 11.9 | 11.4  | 12.9 | 12.9  | 6.1   |
| 2.2  | 3.4   | 2.9  | 2.8   | 3.5  | 4.2   | 1.8   |
| 5.1  | 4.7   | 4.5  | 4.9   | 5.7  | 5.3   | 4.5   |
| 0.0  | 0.1   | 0.3  | 0.2   | 0.0  | 0.0   | 0.0   |
| 1.1  | 1.6   | 1.4  | 1.6   | 1.4  | 2.3   | 2.3   |
| 3.1  | 4.4   | 4.6  | 5.0   | 4.9  | 5.9   | 4.8   |
| 0.0  | 0.1   | 0.2  | 0.3   | 0.1  | 0.1   | 0.0   |
| 0.3  | 0.4   | 0.4  | 0.3   | 0.3  | 0.5   | 0.2   |
| 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0   |
| 0.5  | 0.4   | 0.4  | 0.5   | 0.3  | 0.5   | 0.7   |
| 0.1  | 0.1   | 0.0  | 0.3   | 0.2  | 0.2   | 0.0   |
| 0.0  | 0.2   | 0.3  | 0.4   | 0.0  | 0.2   | 0.0   |
| 47.9 | 52.3  | 52.0 | 61.6  | 51.7 | 60.0  | 51.6  |
| 0.0  | 0.0   | 0.1  | 0.2   | 0.1  | 0.1   | 0.0   |
| 2.2  | 3.0   | 3.7  | 4.7   | 2.8  | 3.5   | 1.0   |
| 0.1  | 0.2   | 1.0  | 0.0   | 0.0  | 0.0   | 0.0   |
| 0.2  | 0.2   | 0.8  | 0.6   | 0.1  | 0.4   | 0.0   |
| 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0   |
| 6.6  | 7.3   | 7.7  | 7.0   | 5.9  | 7.1   | 6.9   |
| 2.0  | 3.0   | 4.1  | 5.0   | 3.3  | 4.1   | 2.3   |
| 0.1  | 0.0   | 0.1  | 0.0   | 0.0  | 0.0   | 0.0   |
| 35.9 | 59.5  | 54.1 | 54.5  | 57.5 | 57.5  | 42.0  |
| 0.0  | 0.1   | 0.1  | 0.3   | 0.0  | 0.2   | 0.0   |
| 0.1  | 0.1   | 0.0  | 0.2   | 0.1  | 0.1   | 1.2   |
| 3.3  | 5.7   | 3.8  | 5.8   | 5.0  | 5.1   | 10.5  |
| 5.1  | 5.5   | 6.6  | 7.6   | 6.8  | 6.0   | 8.9   |
| 6.3  | 8.2   | 5.3  | 7.4   | 8.2  | 6.6   | 1.7   |
| 6.1  | 7.6   | 11.0 | 8.8   | 7.6  | 7.6   | 19.2  |
| 6.1  | 6.8   | 8.3  | 6.9   | 8.7  | 7.3   | 12.8  |
| 7.2  | 10.0  | 7.7  | 7.4   | 6.3  | 13.4  | 9.7   |
| 0.2  | 0.1   | 0.3  | 0.4   | 0.0  | 0.0   | 0.7   |
| 61.4 | 114.8 | 99.0 | 103.6 | 72.7 | 108.1 | 120.0 |
| 6.3  | 7.6   | 5.3  | 4.8   | 7.5  | 8.8   | 2.9   |

|        |       |        |        |        |       |        |
|--------|-------|--------|--------|--------|-------|--------|
| 0.0    | 0.0   | 0.2    | 0.3    | 0.2    | 0.2   | 0.0    |
| 0.1    | 0.2   | 0.3    | 0.2    | 0.3    | 0.1   | 0.0    |
| 1.0    | 1.8   | 2.3    | 2.9    | 2.0    | 3.0   | 0.5    |
| 2.4    | 4.6   | 4.9    | 5.2    | 3.7    | 3.9   | 1.0    |
| 16.9   | 18.0  | 13.4   | 15.5   | 13.6   | 15.5  | 11.7   |
| 4.4    | 7.3   | 9.0    | 8.1    | 5.2    | 7.1   | 5.2    |
| 0.1    | 0.3   | 0.5    | 0.6    | 0.3    | 0.3   | 0.1    |
| 3.8    | 4.7   | 4.9    | 4.0    | 6.1    | 5.0   | 2.5    |
| 0.0    | 0.1   | 0.4    | 0.4    | 0.1    | 0.0   | 0.0    |
| 0.6    | 2.0   | 1.8    | 2.0    | 1.3    | 2.1   | 0.5    |
| 0.1    | 0.1   | 0.4    | 0.4    | 0.1    | 0.1   | 0.2    |
| 0.0    | 0.0   | 0.0    | 0.0    | 0.0    | 0.0   | 0.0    |
| 0.8    | 3.1   | 5.0    | 4.0    | 2.0    | 3.1   | 0.9    |
| 0.2    | 0.8   | 1.0    | 5.0    | 0.1    | 0.7   | 1.5    |
| 0.0    | 0.0   | 0.0    | 0.0    | 0.4    | 0.5   | 0.0    |
| 0.1    | 0.1   | 0.6    | 0.3    | 0.1    | 0.1   | 0.0    |
| 4.2    | 4.4   | 5.1    | 5.6    | 3.6    | 5.2   | 5.8    |
| 5.7    | 7.3   | 5.7    | 5.2    | 8.1    | 7.3   | 6.1    |
| 0.8    | 0.9   | 1.0    | 1.0    | 1.0    | 1.8   | 1.0    |
| 0.0    | 0.0   | 0.0    | 0.6    | 0.0    | 0.0   | 0.0    |
| 0.0    | 0.0   | 0.4    | 0.3    | 0.2    | 0.3   | 0.0    |
| 0.0    | 0.1   | 0.2    | 0.0    | 0.0    | 0.0   | 0.0    |
| 0.1    | 0.1   | 0.7    | 0.8    | 0.1    | 0.3   | 0.0    |
| 1079.6 | 984.9 | 1016.9 | 1217.8 | 1009.3 | 987.5 | 1533.1 |
| 0.1    | 0.1   | 0.5    | 0.1    | 0.1    | 0.2   | 0.0    |
| 0.0    | 0.0   | 0.0    | 0.1    | 0.1    | 0.0   | 0.0    |
| 2.5    | 2.5   | 2.8    | 2.2    | 3.6    | 3.4   | 1.2    |
| 1.8    | 2.1   | 2.4    | 2.7    | 2.3    | 2.8   | 1.3    |
| 14.5   | 21.5  | 18.3   | 21.8   | 18.5   | 20.3  | 23.9   |
| 0.0    | 0.0   | 0.0    | 0.0    | 0.0    | 0.0   | 0.0    |
| 0.3    | 0.4   | 0.2    | 0.1    | 0.2    | 0.5   | 0.0    |
| 25.7   | 21.7  | 19.9   | 23.6   | 27.3   | 27.2  | 30.3   |
| 15.7   | 20.6  | 20.7   | 27.4   | 21.0   | 22.6  | 28.8   |
| 0.6    | 1.6   | 2.8    | 3.0    | 1.2    | 3.2   | 0.3    |
| 0.5    | 0.4   | 0.8    | 0.3    | 0.1    | 0.5   | 0.0    |
| 0.0    | 0.0   | 0.1    | 0.0    | 0.0    | 0.0   | 0.0    |
| 46.2   | 52.9  | 48.7   | 54.7   | 54.2   | 59.3  | 62.0   |
| 13.1   | 15.2  | 11.9   | 12.8   | 18.5   | 15.5  | 5.6    |
| 0.1    | 0.0   | 0.3    | 0.1    | 0.0    | 0.1   | 0.0    |
| 0.2    | 0.3   | 0.8    | 0.8    | 0.5    | 1.0   | 0.0    |
| 0.3    | 0.2   | 0.0    | 0.8    | 0.0    | 0.0   | 0.0    |
| 0.0    | 0.0   | 0.1    | 0.2    | 0.0    | 0.3   | 0.0    |
| 0.0    | 0.0   | 0.2    | 0.2    | 0.0    | 0.2   | 0.0    |
| 0.0    | 0.0   | 0.2    | 0.4    | 0.0    | 0.3   | 0.0    |
| 26.0   | 31.0  | 38.7   | 40.7   | 36.5   | 35.8  | 44.5   |
| 5.7    | 6.4   | 14.8   | 15.4   | 8.0    | 9.0   | 4.8    |
| 2.4    | 3.2   | 3.0    | 1.8    | 2.3    | 3.9   | 2.7    |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 2.9  | 3.7  | 2.6  | 3.0  | 3.8  | 4.2  | 0.5  |
| 0.1  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.2  | 0.0  |
| 0.4  | 0.3  | 0.4  | 0.3  | 0.5  | 0.5  | 0.1  |
| 1.1  | 1.5  | 3.1  | 2.3  | 1.6  | 2.2  | 4.1  |
| 0.1  | 0.0  | 0.7  | 0.4  | 0.1  | 0.3  | 0.0  |
| 2.5  | 2.9  | 3.2  | 2.9  | 3.4  | 4.3  | 5.7  |
| 0.2  | 0.0  | 0.2  | 1.3  | 0.3  | 0.2  | 1.8  |
| 0.1  | 0.2  | 0.3  | 0.1  | 0.2  | 0.1  | 0.0  |
| 4.7  | 5.8  | 6.5  | 6.5  | 6.0  | 7.3  | 7.4  |
| 7.3  | 7.8  | 10.3 | 12.0 | 10.3 | 11.4 | 11.1 |
| 0.2  | 0.4  | 0.4  | 0.4  | 0.3  | 0.2  | 0.0  |
| 0.1  | 0.1  | 0.5  | 0.5  | 0.1  | 0.4  | 0.0  |
| 0.1  | 0.1  | 0.0  | 0.1  | 0.1  | 0.1  | 0.1  |
| 0.9  | 1.0  | 1.3  | 1.5  | 1.1  | 1.1  | 1.2  |
| 1.7  | 2.8  | 3.5  | 2.7  | 2.2  | 3.3  | 2.1  |
| 2.4  | 2.6  | 1.1  | 0.6  | 2.6  | 2.3  | 0.1  |
| 2.0  | 3.4  | 3.7  | 4.6  | 3.9  | 3.7  | 0.9  |
| 6.0  | 6.4  | 7.3  | 6.6  | 8.7  | 7.4  | 3.9  |
| 0.6  | 1.0  | 0.8  | 1.4  | 0.8  | 1.5  | 1.0  |
| 33.9 | 39.0 | 32.2 | 28.0 | 53.9 | 61.7 | 27.7 |
| 3.4  | 3.0  | 2.5  | 2.1  | 3.8  | 2.9  | 0.2  |
| 2.0  | 1.9  | 1.4  | 1.9  | 3.2  | 2.0  | 2.0  |
| 2.1  | 5.6  | 4.0  | 2.8  | 5.7  | 4.7  | 4.8  |
| 0.7  | 2.0  | 5.3  | 5.8  | 2.0  | 4.7  | 1.3  |
| 43.7 | 53.2 | 58.1 | 65.8 | 48.7 | 49.4 | 48.6 |
| 1.0  | 2.1  | 3.4  | 3.5  | 1.7  | 2.6  | 0.0  |
| 0.4  | 0.5  | 0.4  | 0.6  | 0.4  | 0.6  | 1.6  |
| 1.4  | 1.9  | 1.7  | 2.0  | 2.6  | 2.0  | 2.4  |
| 0.2  | 0.1  | 0.1  | 0.2  | 0.2  | 0.0  | 0.0  |
| 2.5  | 3.0  | 4.4  | 5.1  | 4.2  | 4.8  | 5.2  |
| 15.8 | 24.1 | 15.8 | 14.9 | 20.5 | 22.1 | 10.3 |
| 21.7 | 21.3 | 24.2 | 32.7 | 25.9 | 26.2 | 30.2 |
| 6.2  | 9.2  | 5.8  | 10.1 | 9.6  | 7.6  | 11.4 |
| 11.1 | 14.7 | 14.1 | 14.5 | 17.5 | 14.8 | 9.3  |
| 1.0  | 1.6  | 2.8  | 2.3  | 1.7  | 2.0  | 2.0  |
| 2.4  | 2.3  | 2.6  | 2.7  | 3.5  | 2.0  | 3.4  |
| 0.2  | 1.0  | 1.2  | 1.3  | 0.9  | 1.9  | 1.4  |
| 3.5  | 5.2  | 8.0  | 6.4  | 4.0  | 5.0  | 5.9  |
| 1.5  | 2.2  | 2.4  | 2.4  | 2.8  | 2.9  | 1.3  |
| 0.1  | 0.0  | 0.0  | 0.0  | 0.3  | 0.0  | 0.0  |
| 0.3  | 0.3  | 0.6  | 0.6  | 0.6  | 0.6  | 0.1  |
| 6.8  | 7.1  | 8.8  | 9.9  | 6.8  | 9.3  | 14.9 |
| 6.1  | 7.6  | 7.3  | 8.4  | 13.7 | 9.6  | 7.1  |
| 0.2  | 0.2  | 0.8  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.2  | 0.5  | 1.9  | 1.2  | 0.6  | 1.2  | 0.9  |
| 0.7  | 0.5  | 0.2  | 1.0  | 0.9  | 0.8  | 0.6  |

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| 14.9   | 18.5   | 24.0   | 26.3   | 19.4   | 13.9   | 12.6   |
| 1.5    | 1.9    | 1.5    | 1.7    | 2.0    | 2.2    | 1.7    |
| 0.0    | 0.0    | 0.0    | 0.1    | 0.1    | 0.0    | 0.0    |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 7.2    | 8.3    | 8.3    | 7.2    | 11.4   | 3.4    | 2.1    |
| 0.3    | 0.4    | 1.3    | 0.9    | 0.4    | 1.0    | 0.1    |
| 3.0    | 3.8    | 5.2    | 6.0    | 4.8    | 4.2    | 3.4    |
| 0.1    | 0.3    | 0.3    | 0.5    | 0.9    | 0.2    | 0.0    |
| 2312.9 | 1623.8 | 1814.5 | 2595.8 | 2219.6 | 2009.8 | 3837.2 |
| 0.1    | 0.1    | 0.6    | 0.9    | 0.1    | 0.4    | 0.0    |
| 5.8    | 15.0   | 6.4    | 8.1    | 8.8    | 13.8   | 14.3   |
| 0.0    | 0.1    | 0.1    | 0.1    | 0.0    | 0.1    | 0.0    |
| 2.3    | 3.7    | 2.0    | 2.9    | 5.9    | 3.8    | 1.8    |
| 0.4    | 0.1    | 0.6    | 0.6    | 0.1    | 0.0    | 0.0    |
| 1.9    | 1.4    | 2.5    | 2.9    | 4.4    | 2.2    | 0.7    |
| 1.0    | 1.5    | 1.5    | 1.1    | 1.4    | 0.9    | 0.0    |
| 0.3    | 0.6    | 0.8    | 0.7    | 0.5    | 1.0    | 0.0    |
| 0.7    | 0.8    | 1.9    | 2.4    | 1.0    | 1.2    | 0.0    |
| 0.1    | 0.2    | 0.6    | 0.5    | 0.3    | 0.3    | 0.1    |
| 67.6   | 49.1   | 47.8   | 58.5   | 70.1   | 58.3   | 111.0  |
| 39.7   | 40.8   | 36.6   | 42.4   | 55.6   | 49.1   | 36.3   |
| 8.3    | 5.9    | 7.5    | 11.2   | 8.5    | 8.6    | 19.3   |
| 12.2   | 13.4   | 15.8   | 19.5   | 16.6   | 15.8   | 17.4   |
| 67.2   | 57.4   | 58.5   | 53.0   | 66.6   | 63.9   | 57.6   |
| 0.0    | 0.0    | 0.7    | 0.2    | 0.0    | 0.2    | 0.0    |
| 0.4    | 0.4    | 0.6    | 0.3    | 0.4    | 0.5    | 0.0    |
| 0.0    | 0.0    | 0.0    | 0.1    | 0.0    | 0.0    | 0.0    |
| 6.2    | 8.0    | 10.6   | 11.6   | 10.2   | 10.8   | 12.0   |
| 0.1    | 0.0    | 0.5    | 0.3    | 0.2    | 0.2    | 0.0    |
| 0.0    | 0.1    | 0.9    | 0.5    | 0.1    | 0.4    | 0.0    |
| 0.1    | 0.6    | 0.8    | 0.9    | 0.5    | 0.5    | 0.0    |
| 1.1    | 2.3    | 1.1    | 2.9    | 3.2    | 0.5    | 0.7    |
| 0.5    | 0.9    | 1.8    | 1.5    | 0.6    | 0.5    | 0.7    |
| 0.0    | 0.1    | 0.1    | 0.0    | 0.3    | 0.1    | 0.0    |
| 345.2  | 222.0  | 254.1  | 298.3  | 336.3  | 314.4  | 632.8  |
| 0.1    | 0.1    | 0.0    | 0.0    | 0.5    | 0.0    | 0.0    |
| 0.0    | 0.0    | 0.0    | 0.2    | 0.0    | 0.0    | 0.0    |
| 0.1    | 0.1    | 0.3    | 0.0    | 0.0    | 0.0    | 0.0    |
| 0.0    | 0.1    | 0.3    | 0.1    | 0.2    | 0.0    | 0.0    |
| 1.0    | 0.3    | 2.0    | 1.0    | 1.3    | 0.9    | 1.7    |
| 0.4    | 0.4    | 2.1    | 1.2    | 0.2    | 0.0    | 0.0    |
| 0.8    | 0.2    | 0.6    | 1.5    | 0.5    | 0.0    | 0.0    |
| 1.4    | 1.8    | 2.3    | 1.0    | 1.2    | 0.1    | 0.5    |
| 3.6    | 3.4    | 3.6    | 3.8    | 4.0    | 4.1    | 3.1    |
| 0.0    | 0.0    | 0.1    | 0.5    | 0.1    | 0.2    | 0.0    |
| 0.0    | 0.0    | 0.1    | 0.0    | 0.0    | 0.1    | 0.2    |
| 0.6    | 1.3    | 1.4    | 1.3    | 1.1    | 2.3    | 0.4    |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.1   | 0.0   | 0.0   |
| 0.1   | 0.0   | 0.0   | 0.3   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.1   | 0.2   | 0.2   | 0.1   | 0.4   | 0.0   |
| 0.2   | 0.2   | 0.1   | 0.3   | 0.1   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.1   | 0.1   | 0.0   |
| 0.3   | 0.6   | 1.1   | 0.9   | 0.2   | 0.2   | 0.0   |
| 3.3   | 4.2   | 4.2   | 5.2   | 5.4   | 6.0   | 11.3  |
| 0.0   | 0.0   | 0.4   | 0.2   | 0.1   | 0.2   | 0.0   |
| 0.1   | 0.1   | 0.0   | 0.4   | 0.1   | 0.0   | 0.0   |
| 0.1   | 0.6   | 0.8   | 0.5   | 0.5   | 1.6   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 16.8  | 18.7  | 12.6  | 15.3  | 16.2  | 21.1  | 25.8  |
| 0.1   | 0.2   | 0.4   | 0.2   | 0.0   | 0.2   | 0.6   |
| 21.0  | 19.7  | 25.0  | 32.4  | 26.6  | 24.3  | 23.8  |
| 0.0   | 0.2   | 0.0   | 0.1   | 0.0   | 0.2   | 0.0   |
| 0.0   | 0.1   | 0.1   | 0.2   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.1   | 0.1   | 0.0   |
| 7.4   | 5.2   | 9.4   | 8.8   | 7.8   | 6.2   | 19.0  |
| 1.4   | 2.1   | 2.3   | 2.4   | 2.0   | 2.3   | 0.9   |
| 1.7   | 2.5   | 2.3   | 2.2   | 1.7   | 3.3   | 0.0   |
| 0.8   | 1.2   | 1.1   | 0.9   | 1.6   | 2.2   | 0.9   |
| 9.8   | 10.6  | 11.3  | 11.7  | 12.9  | 9.3   | 10.6  |
| 2.6   | 2.4   | 2.2   | 2.4   | 3.8   | 2.9   | 2.0   |
| 3.9   | 3.7   | 4.5   | 4.3   | 3.5   | 4.4   | 4.2   |
| 0.0   | 0.0   | 0.6   | 0.1   | 0.2   | 0.3   | 0.0   |
| 3.7   | 3.8   | 3.4   | 4.0   | 3.7   | 3.8   | 4.3   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   |
| 8.6   | 8.9   | 9.9   | 12.4  | 8.1   | 9.5   | 13.6  |
| 1.8   | 3.3   | 2.9   | 2.2   | 3.7   | 2.4   | 0.1   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.0   | 0.2   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.1   | 0.0   | 0.3   | 0.0   |
| 6.4   | 7.6   | 7.1   | 5.9   | 7.4   | 7.4   | 8.3   |
| 672.7 | 718.9 | 662.4 | 618.7 | 628.0 | 774.9 | 752.3 |
| 0.2   | 0.4   | 0.9   | 1.1   | 0.5   | 0.6   | 0.4   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.6   | 2.1   | 1.2   | 0.9   | 1.5   | 1.5   | 2.6   |
| 0.1   | 0.3   | 0.2   | 0.4   | 0.4   | 0.2   | 0.4   |
| 0.0   | 0.1   | 0.1   | 0.2   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.1   | 0.1   | 0.1   | 0.0   |
| 15.9  | 19.5  | 21.1  | 20.6  | 19.9  | 21.9  | 23.6  |
| 27.8  | 35.8  | 29.1  | 31.2  | 37.8  | 32.5  | 33.8  |
| 16.9  | 23.0  | 22.3  | 24.2  | 26.6  | 17.7  | 21.9  |
| 17.9  | 18.6  | 12.9  | 13.9  | 14.8  | 18.9  | 10.3  |
| 59.5  | 65.9  | 56.9  | 66.6  | 77.2  | 70.7  | 53.3  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 15.2  | 13.4  | 12.8  | 14.8  | 13.4  | 15.7  | 23.1  |
| 0.1   | 0.0   | 0.3   | 0.5   | 0.2   | 0.2   | 0.0   |
| 0.2   | 0.3   | 0.2   | 0.2   | 0.3   | 0.1   | 0.0   |
| 11.4  | 12.8  | 11.5  | 10.0  | 15.7  | 15.2  | 6.1   |
| 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.2   | 0.0   | 0.2   | 0.0   |
| 0.7   | 0.2   | 1.0   | 0.9   | 0.5   | 0.1   | 0.0   |
| 35.8  | 35.9  | 33.5  | 33.1  | 41.2  | 41.2  | 41.0  |
| 5.2   | 6.4   | 4.9   | 4.2   | 5.7   | 6.3   | 4.0   |
| 0.5   | 0.4   | 1.0   | 0.3   | 0.6   | 0.6   | 0.7   |
| 3.7   | 5.6   | 4.1   | 5.1   | 5.7   | 5.1   | 4.8   |
| 0.0   | 0.1   | 0.5   | 0.2   | 0.1   | 0.0   | 0.0   |
| 91.7  | 79.7  | 75.7  | 75.1  | 82.2  | 80.4  | 118.6 |
| 19.6  | 27.8  | 21.5  | 25.6  | 18.0  | 22.2  | 17.1  |
| 3.5   | 4.4   | 3.8   | 4.2   | 6.4   | 5.3   | 3.2   |
| 4.1   | 5.1   | 6.2   | 5.0   | 5.0   | 5.9   | 5.4   |
| 50.6  | 51.7  | 54.3  | 55.6  | 48.9  | 67.1  | 94.9  |
| 0.0   | 0.2   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.8   | 0.9   | 0.5   | 0.6   | 1.1   | 1.2   | 0.2   |
| 1.8   | 1.5   | 2.0   | 2.7   | 2.6   | 2.8   | 3.7   |
| 87.6  | 79.3  | 75.5  | 85.3  | 87.7  | 84.5  | 87.5  |
| 34.1  | 42.0  | 36.3  | 32.1  | 43.3  | 44.6  | 14.6  |
| 0.0   | 0.1   | 0.4   | 0.3   | 0.0   | 0.5   | 0.0   |
| 0.2   | 0.4   | 1.9   | 1.3   | 0.2   | 1.1   | 1.1   |
| 90.4  | 108.4 | 101.5 | 103.5 | 121.8 | 111.0 | 81.2  |
| 0.2   | 0.3   | 0.3   | 0.2   | 0.3   | 0.3   | 0.3   |
| 2.7   | 2.5   | 1.2   | 1.8   | 2.3   | 2.2   | 2.1   |
| 0.2   | 0.0   | 0.3   | 0.0   | 0.3   | 0.0   | 0.0   |
| 20.0  | 23.6  | 20.4  | 21.3  | 31.1  | 24.2  | 12.9  |
| 0.3   | 0.3   | 1.0   | 0.8   | 0.4   | 1.2   | 0.1   |
| 101.6 | 114.8 | 127.8 | 150.0 | 110.4 | 106.9 | 143.0 |
| 10.1  | 9.7   | 10.9  | 10.3  | 12.2  | 13.5  | 13.2  |
| 0.7   | 0.9   | 1.4   | 0.9   | 1.8   | 0.8   | 0.0   |
| 9.2   | 11.1  | 15.5  | 19.2  | 12.0  | 14.7  | 15.9  |
| 13.5  | 13.9  | 10.3  | 13.2  | 16.1  | 16.8  | 3.3   |
| 1.4   | 1.4   | 2.1   | 1.3   | 1.1   | 3.3   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.3   | 0.0   | 0.4   | 0.0   |
| 0.2   | 0.3   | 0.0   | 0.4   | 0.0   | 0.0   | 0.4   |
| 0.0   | 0.1   | 0.2   | 0.1   | 0.0   | 0.4   | 0.0   |
| 0.2   | 0.2   | 0.1   | 0.2   | 0.3   | 0.2   | 0.0   |
| 0.0   | 0.1   | 0.3   | 0.2   | 0.0   | 0.4   | 0.0   |
| 1.5   | 1.6   | 1.7   | 1.5   | 1.3   | 1.9   | 0.7   |
| 0.1   | 0.1   | 0.6   | 0.4   | 0.1   | 0.2   | 0.0   |
| 15.4  | 20.9  | 18.3  | 22.7  | 22.2  | 20.4  | 14.8  |
| 5.4   | 5.7   | 5.1   | 5.0   | 7.1   | 7.5   | 2.4   |
| 4.3   | 4.6   | 6.3   | 6.7   | 5.9   | 4.2   | 4.8   |
| 2.5   | 2.5   | 2.2   | 2.6   | 3.0   | 3.0   | 2.1   |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.3   | 0.5   | 1.1   | 0.7   | 0.5   | 0.2   | 0.0   |
| 0.1   | 0.1   | 0.4   | 0.4   | 0.1   | 0.2   | 0.1   |
| 4.3   | 13.5  | 25.0  | 21.2  | 11.2  | 20.7  | 8.5   |
| 7.7   | 14.4  | 12.4  | 11.2  | 15.4  | 13.3  | 7.7   |
| 1.1   | 1.6   | 1.9   | 1.3   | 1.0   | 1.8   | 0.4   |
| 9.1   | 11.8  | 9.9   | 10.5  | 11.3  | 18.9  | 11.8  |
| 8.3   | 9.5   | 7.0   | 7.8   | 9.8   | 12.3  | 7.7   |
| 17.5  | 18.6  | 19.3  | 19.3  | 23.7  | 20.9  | 4.8   |
| 0.8   | 1.1   | 0.7   | 0.7   | 1.7   | 0.7   | 0.2   |
| 0.1   | 0.3   | 1.3   | 0.8   | 0.1   | 0.7   | 0.1   |
| 6.1   | 7.9   | 7.7   | 7.7   | 8.7   | 8.9   | 6.4   |
| 0.1   | 0.0   | 0.4   | 0.1   | 0.0   | 0.3   | 0.0   |
| 5.0   | 5.5   | 9.1   | 9.8   | 7.3   | 6.3   | 3.7   |
| 0.0   | 0.0   | 0.3   | 0.5   | 0.0   | 0.0   | 0.0   |
| 17.8  | 20.4  | 21.1  | 19.8  | 24.3  | 20.0  | 15.4  |
| 0.3   | 0.0   | 0.1   | 0.0   | 0.6   | 0.0   | 0.0   |
| 0.3   | 0.5   | 0.2   | 0.6   | 0.0   | 0.0   | 0.0   |
| 0.6   | 1.0   | 2.5   | 1.8   | 0.9   | 1.3   | 0.1   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.2   | 0.5   | 0.0   | 0.2   | 0.0   | 0.0   |
| 0.1   | 0.1   | 0.9   | 0.3   | 0.0   | 0.4   | 0.0   |
| 0.8   | 1.1   | 0.2   | 0.1   | 0.6   | 1.8   | 0.4   |
| 0.8   | 2.4   | 3.5   | 4.1   | 2.1   | 3.8   | 0.5   |
| 0.1   | 0.0   | 0.3   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.6   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.5   | 1.6   | 0.1   | 0.1   | 2.0   | 5.1   |
| 78.4  | 107.3 | 113.0 | 113.7 | 107.7 | 110.2 | 107.0 |
| 3.3   | 4.2   | 5.1   | 5.4   | 6.1   | 4.8   | 3.6   |
| 0.1   | 0.1   | 0.8   | 0.5   | 0.1   | 0.1   | 0.0   |
| 2.0   | 2.4   | 1.6   | 2.0   | 2.2   | 2.2   | 1.6   |
| 114.5 | 151.7 | 113.6 | 115.3 | 123.1 | 145.4 | 159.2 |
| 0.1   | 0.1   | 0.0   | 0.0   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.1   | 0.3   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.2   | 0.1   | 0.7   | 0.4   | 0.1   | 0.9   | 0.0   |
| 5.9   | 5.8   | 5.5   | 6.9   | 8.7   | 7.2   | 5.4   |
| 4.1   | 4.9   | 5.8   | 6.3   | 6.0   | 3.1   | 0.9   |
| 0.1   | 0.1   | 0.2   | 0.1   | 0.1   | 0.1   | 0.0   |
| 1.9   | 2.2   | 1.9   | 2.0   | 2.1   | 2.3   | 1.3   |
| 2.6   | 3.0   | 3.1   | 3.7   | 3.0   | 3.7   | 3.3   |
| 8.6   | 8.0   | 6.8   | 6.5   | 9.9   | 9.0   | 2.8   |
| 2.1   | 1.5   | 1.9   | 2.4   | 2.3   | 2.5   | 0.9   |
| 0.3   | 0.2   | 0.7   | 0.5   | 0.4   | 0.8   | 0.5   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.9   | 1.1   | 1.6   | 1.8   | 1.8   | 1.5   | 1.3   |
| 0.4   | 0.6   | 1.7   | 1.1   | 0.5   | 2.3   | 0.0   |
| 0.0   | 0.1   | 0.3   | 0.5   | 0.0   | 0.5   | 0.1   |
| 0.1   | 0.0   | 0.6   | 0.7   | 0.1   | 0.2   | 0.0   |



|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 3.9   | 6.3   | 11.7  | 12.4  | 9.5   | 14.5  | 1.4   |
| 4.0   | 5.7   | 6.0   | 5.1   | 6.1   | 6.9   | 5.8   |
| 16.1  | 17.9  | 18.4  | 24.9  | 17.2  | 19.1  | 25.1  |
| 3.8   | 4.2   | 3.6   | 2.8   | 4.2   | 6.3   | 0.9   |
| 1.6   | 1.3   | 2.4   | 2.5   | 1.7   | 1.6   | 2.3   |
| 28.7  | 25.4  | 26.8  | 22.4  | 42.7  | 31.1  | 31.3  |
| 39.9  | 54.7  | 46.4  | 45.8  | 55.4  | 38.7  | 44.6  |
| 0.1   | 0.3   | 0.8   | 0.7   | 0.2   | 0.4   | 0.0   |
| 0.0   | 0.2   | 0.4   | 0.4   | 0.4   | 0.0   | 0.0   |
| 112.6 | 92.9  | 117.1 | 118.5 | 163.8 | 125.2 | 171.3 |
| 0.0   | 0.2   | 0.5   | 0.1   | 0.0   | 0.2   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.4   | 0.3   | 0.4   | 0.2   | 0.7   | 0.6   | 1.1   |
| 18.3  | 23.2  | 14.8  | 15.6  | 25.1  | 24.4  | 13.8  |
| 1.5   | 2.5   | 3.1   | 2.4   | 3.1   | 1.9   | 3.3   |
| 20.9  | 28.8  | 26.0  | 30.8  | 23.8  | 27.8  | 32.5  |
| 1.6   | 1.8   | 2.3   | 2.3   | 2.8   | 2.0   | 2.4   |
| 1.0   | 1.2   | 1.2   | 1.6   | 1.3   | 1.4   | 0.9   |
| 0.1   | 0.0   | 0.3   | 0.3   | 0.8   | 0.0   | 0.0   |
| 0.7   | 1.5   | 3.2   | 3.5   | 1.4   | 3.0   | 0.5   |
| 1.2   | 1.6   | 2.2   | 1.9   | 2.3   | 1.1   | 0.6   |
| 3.7   | 6.6   | 8.0   | 7.3   | 5.0   | 8.1   | 5.2   |
| 475.8 | 473.1 | 390.2 | 435.8 | 428.5 | 441.7 | 606.0 |
| 1.2   | 1.5   | 1.4   | 1.2   | 1.7   | 1.4   | 0.3   |
| 2.4   | 3.4   | 4.0   | 3.3   | 3.5   | 4.7   | 1.9   |
| 14.4  | 15.0  | 10.4  | 10.1  | 16.4  | 19.2  | 7.9   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.3   | 0.0   | 0.0   |
| 0.7   | 0.4   | 0.9   | 0.9   | 0.8   | 1.1   | 0.0   |
| 22.7  | 23.9  | 24.6  | 23.8  | 27.3  | 28.5  | 28.3  |
| 0.0   | 0.0   | 0.1   | 0.3   | 0.1   | 0.0   | 0.0   |
| 3.7   | 4.1   | 2.3   | 2.0   | 2.9   | 5.2   | 1.4   |
| 0.0   | 0.0   | 1.2   | 0.0   | 0.0   | 0.0   | 0.0   |
| 15.5  | 14.9  | 15.5  | 19.2  | 17.1  | 14.9  | 16.5  |
| 15.5  | 15.4  | 12.9  | 12.2  | 18.8  | 12.4  | 5.8   |
| 24.5  | 29.7  | 33.6  | 39.4  | 31.8  | 31.6  | 45.3  |
| 0.0   | 0.1   | 0.7   | 0.0   | 0.0   | 0.0   | 0.0   |
| 16.8  | 21.2  | 19.3  | 23.2  | 18.9  | 22.7  | 32.6  |
| 3.6   | 3.1   | 4.0   | 4.7   | 7.4   | 3.8   | 0.2   |
| 1.7   | 2.1   | 2.1   | 2.6   | 2.2   | 2.4   | 0.3   |
| 0.1   | 0.2   | 0.6   | 0.4   | 0.4   | 0.6   | 0.2   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 28.5  | 24.4  | 21.6  | 24.2  | 26.0  | 35.0  | 17.1  |
| 0.1   | 0.2   | 0.4   | 0.7   | 0.2   | 0.5   | 0.0   |
| 0.1   | 0.1   | 0.4   | 0.6   | 0.0   | 0.2   | 0.0   |
| 0.3   | 0.4   | 0.5   | 0.6   | 0.3   | 0.5   | 0.0   |
| 0.0   | 0.1   | 0.6   | 0.3   | 0.2   | 0.1   | 0.0   |
| 1.7   | 1.6   | 1.8   | 1.8   | 3.4   | 1.6   | 0.5   |

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| 0.2    | 0.0    | 0.4    | 0.7    | 0.2    | 0.6    | 0.1    |
| 0.9    | 0.9    | 1.0    | 1.2    | 1.1    | 1.3    | 1.1    |
| 0.0    | 0.0    | 0.1    | 0.0    | 0.0    | 0.0    | 0.0    |
| 1.6    | 1.6    | 1.1    | 1.6    | 3.1    | 3.1    | 0.1    |
| 47.4   | 41.0   | 40.6   | 51.7   | 45.7   | 43.7   | 37.4   |
| 1.7    | 1.8    | 1.4    | 1.3    | 2.9    | 1.1    | 0.1    |
| 3.4    | 5.5    | 5.8    | 5.3    | 3.7    | 5.5    | 3.8    |
| 1.9    | 2.3    | 3.1    | 2.7    | 3.7    | 3.7    | 1.7    |
| 2.2    | 3.3    | 3.5    | 3.5    | 3.2    | 3.5    | 1.5    |
| 0.6    | 0.8    | 0.8    | 0.9    | 0.8    | 0.9    | 1.0    |
| 0.0    | 0.2    | 0.8    | 0.5    | 0.3    | 0.3    | 0.0    |
| 2.8    | 3.3    | 3.3    | 2.9    | 5.2    | 4.3    | 2.5    |
| 0.3    | 0.1    | 0.4    | 0.3    | 0.3    | 0.2    | 0.0    |
| 0.1    | 0.2    | 0.6    | 0.2    | 0.1    | 0.1    | 0.0    |
| 0.0    | 0.1    | 0.2    | 0.2    | 0.0    | 0.1    | 0.0    |
| 4.1    | 5.6    | 4.6    | 4.0    | 6.6    | 5.1    | 4.1    |
| 0.4    | 1.1    | 2.5    | 1.6    | 1.2    | 1.7    | 0.5    |
| 3.2    | 3.9    | 5.1    | 6.2    | 3.9    | 3.7    | 3.7    |
| 9.4    | 7.3    | 9.2    | 11.2   | 9.7    | 8.7    | 19.3   |
| 1.2    | 1.5    | 0.8    | 1.0    | 1.8    | 1.5    | 0.6    |
| 682.1  | 712.1  | 716.1  | 778.7  | 796.7  | 666.2  | 1089.9 |
| 4.0    | 3.2    | 2.7    | 2.7    | 3.2    | 3.1    | 2.9    |
| 0.0    | 0.2    | 0.0    | 0.2    | 0.0    | 0.0    | 0.0    |
| 9.3    | 10.6   | 17.1   | 15.3   | 13.6   | 14.9   | 7.3    |
| 0.1    | 0.4    | 1.3    | 0.1    | 0.2    | 0.3    | 0.0    |
| 0.2    | 0.4    | 0.5    | 0.4    | 0.4    | 0.6    | 1.0    |
| 4.9    | 5.8    | 4.4    | 5.3    | 7.3    | 7.3    | 3.9    |
| 0.1    | 0.0    | 0.1    | 0.0    | 0.0    | 0.0    | 0.0    |
| 4.8    | 6.2    | 4.6    | 5.2    | 6.1    | 5.9    | 3.4    |
| 0.2    | 0.4    | 0.3    | 0.3    | 0.2    | 0.3    | 0.0    |
| 0.0    | 0.1    | 0.5    | 0.2    | 0.1    | 0.3    | 0.0    |
| 0.3    | 0.4    | 0.6    | 0.6    | 0.5    | 0.5    | 0.0    |
| 3.5    | 3.4    | 2.9    | 3.2    | 4.8    | 2.4    | 0.9    |
| 9.8    | 11.9   | 11.3   | 11.0   | 11.7   | 10.4   | 8.7    |
| 14.1   | 13.8   | 7.9    | 12.2   | 14.5   | 11.8   | 29.7   |
| 0.2    | 0.1    | 0.3    | 0.1    | 0.4    | 0.1    | 0.0    |
| 0.5    | 0.6    | 1.0    | 1.3    | 2.0    | 0.1    | 1.8    |
| 13.1   | 18.2   | 14.7   | 12.0   | 18.3   | 17.9   | 22.2   |
| 0.7    | 1.3    | 3.2    | 3.0    | 1.1    | 2.9    | 0.4    |
| 6.6    | 11.1   | 16.0   | 13.6   | 10.1   | 14.3   | 9.4    |
| 0.0    | 0.0    | 0.2    | 0.1    | 0.0    | 0.1    | 0.0    |
| 10.5   | 10.1   | 14.4   | 14.3   | 12.9   | 11.7   | 3.5    |
| 6.0    | 5.3    | 7.2    | 8.4    | 8.8    | 6.1    | 6.6    |
| 0.0    | 0.0    | 0.2    | 0.0    | 0.0    | 0.0    | 0.0    |
| 1145.6 | 1489.3 | 1309.9 | 1387.6 | 1367.0 | 1272.6 | 1289.3 |
| 0.0    | 0.1    | 0.3    | 0.1    | 0.0    | 0.0    | 0.0    |
| 5.0    | 5.9    | 7.7    | 8.7    | 9.3    | 5.8    | 4.9    |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.2  | 0.4  | 0.3  | 0.4  | 0.3  | 0.3  | 0.0  |
| 31.1 | 35.8 | 36.9 | 42.7 | 38.0 | 37.2 | 41.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.3  | 0.3  | 0.1  | 0.3  | 0.0  |
| 2.4  | 2.0  | 1.5  | 2.8  | 2.4  | 2.6  | 2.4  |
| 8.5  | 12.0 | 13.9 | 15.1 | 14.4 | 10.5 | 11.9 |
| 28.0 | 34.8 | 28.9 | 28.6 | 35.5 | 38.6 | 15.3 |
| 5.7  | 3.6  | 5.6  | 7.3  | 5.4  | 5.5  | 12.6 |
| 1.2  | 2.0  | 1.2  | 1.3  | 1.7  | 2.0  | 1.6  |
| 6.3  | 6.5  | 6.1  | 6.9  | 9.8  | 8.6  | 5.2  |
| 0.1  | 0.0  | 0.0  | 0.4  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.7  | 0.7  | 0.5  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.7  | 1.6  | 3.8  | 4.2  | 1.2  | 3.7  | 0.3  |
| 0.6  | 2.0  | 2.8  | 2.7  | 1.4  | 2.9  | 0.6  |
| 0.8  | 1.2  | 0.1  | 0.5  | 0.5  | 0.3  | 0.0  |
| 0.1  | 0.0  | 1.4  | 0.3  | 0.1  | 1.6  | 0.0  |
| 4.8  | 6.1  | 5.0  | 4.3  | 8.4  | 5.8  | 2.0  |
| 0.0  | 0.0  | 0.4  | 0.3  | 0.1  | 0.4  | 0.0  |
| 0.3  | 0.0  | 1.1  | 1.6  | 0.2  | 0.2  | 0.1  |
| 4.0  | 4.3  | 5.7  | 5.2  | 3.4  | 6.5  | 4.2  |
| 4.5  | 5.3  | 3.4  | 3.7  | 6.6  | 4.4  | 3.7  |
| 0.4  | 0.4  | 0.3  | 0.4  | 0.5  | 0.6  | 0.3  |
| 0.1  | 0.1  | 0.5  | 0.3  | 0.5  | 0.5  | 0.0  |
| 3.3  | 3.6  | 4.9  | 4.5  | 5.2  | 3.7  | 5.6  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.4  | 1.2  | 2.2  | 1.7  | 1.0  | 1.2  | 0.2  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.0  | 0.4  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.0  | 0.1  | 0.0  | 0.1  | 0.1  | 0.0  |
| 0.5  | 0.2  | 0.5  | 0.4  | 0.2  | 0.6  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 6.7  | 6.7  | 6.9  | 6.0  | 8.4  | 5.5  | 2.8  |
| 7.6  | 7.0  | 6.7  | 5.2  | 10.0 | 8.8  | 2.4  |
| 0.1  | 0.0  | 0.0  | 0.3  | 0.1  | 0.0  | 0.1  |
| 0.3  | 0.6  | 0.5  | 0.3  | 0.2  | 0.6  | 0.1  |
| 0.1  | 0.2  | 0.0  | 0.5  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.2  | 0.3  | 0.3  | 0.1  | 0.4  | 0.0  |
| 4.6  | 6.5  | 6.5  | 6.2  | 6.9  | 7.4  | 6.2  |
| 0.1  | 0.0  | 0.2  | 0.1  | 0.5  | 0.1  | 0.0  |
| 28.1 | 18.4 | 29.4 | 34.6 | 31.1 | 32.8 | 80.2 |
| 3.7  | 6.0  | 11.3 | 17.6 | 6.5  | 15.0 | 1.8  |
| 6.2  | 8.6  | 8.4  | 9.3  | 10.0 | 7.2  | 5.6  |
| 3.7  | 3.4  | 2.8  | 3.8  | 4.5  | 4.4  | 1.9  |
| 31.6 | 30.2 | 32.7 | 35.0 | 41.2 | 39.1 | 22.5 |
| 42.5 | 58.6 | 55.8 | 56.1 | 51.0 | 56.8 | 70.1 |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.0   | 0.1   | 0.5   | 0.2   | 0.4   | 0.3   | 0.0   |
| 0.5   | 0.4   | 2.2   | 0.9   | 0.3   | 1.4   | 0.5   |
| 35.7  | 35.3  | 29.4  | 49.8  | 44.7  | 45.1  | 24.7  |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.0   | 0.3   | 0.0   |
| 2.2   | 2.5   | 1.7   | 1.8   | 2.1   | 1.8   | 0.3   |
| 47.4  | 51.4  | 40.8  | 36.6  | 69.4  | 54.8  | 22.1  |
| 0.3   | 0.6   | 0.7   | 1.0   | 0.8   | 0.7   | 0.3   |
| 0.7   | 0.5   | 1.4   | 1.6   | 0.8   | 0.3   | 0.0   |
| 13.5  | 15.9  | 15.9  | 17.9  | 14.5  | 14.1  | 10.7  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 22.5  | 41.0  | 41.3  | 41.1  | 27.4  | 33.2  | 36.8  |
| 280.4 | 280.6 | 231.1 | 290.5 | 276.1 | 238.3 | 320.2 |
| 187.5 | 211.2 | 157.8 | 179.1 | 215.3 | 208.9 | 265.0 |
| 0.3   | 0.2   | 0.6   | 0.6   | 0.6   | 0.2   | 0.0   |
| 2.2   | 2.4   | 2.3   | 2.3   | 2.7   | 3.6   | 2.7   |
| 21.5  | 23.4  | 21.6  | 23.6  | 18.0  | 29.4  | 24.5  |
| 22.9  | 35.1  | 28.1  | 33.6  | 26.0  | 26.0  | 21.9  |
| 181.9 | 195.1 | 151.3 | 162.9 | 144.1 | 150.2 | 207.4 |
| 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.3   | 0.8   | 0.6   | 0.3   | 0.2   | 0.0   |
| 0.0   | 0.0   | 0.5   | 0.6   | 0.9   | 0.0   | 0.0   |
| 0.1   | 0.2   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.2   | 0.3   | 0.3   | 0.7   | 0.2   | 0.3   | 0.4   |
| 3.3   | 3.7   | 3.3   | 3.2   | 5.4   | 3.7   | 1.2   |
| 0.4   | 0.3   | 0.5   | 0.6   | 0.6   | 0.3   | 0.4   |
| 11.0  | 21.3  | 20.2  | 21.3  | 23.0  | 16.0  | 13.5  |
| 2.8   | 2.6   | 4.5   | 2.4   | 3.6   | 3.6   | 1.5   |
| 5.0   | 6.4   | 7.5   | 7.0   | 8.2   | 6.4   | 7.8   |
| 0.4   | 0.1   | 0.5   | 1.0   | 0.0   | 1.9   | 0.0   |
| 35.6  | 33.4  | 31.8  | 36.2  | 40.1  | 41.1  | 32.3  |
| 109.1 | 87.2  | 87.3  | 83.4  | 133.4 | 148.1 | 99.7  |
| 237.1 | 196.7 | 200.9 | 225.5 | 263.7 | 257.6 | 113.3 |
| 427.2 | 358.7 | 244.3 | 321.9 | 287.7 | 302.1 | 494.3 |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 184.4 | 180.5 | 131.0 | 151.5 | 146.3 | 172.8 | 160.7 |
| 0.1   | 0.0   | 0.3   | 0.5   | 0.0   | 0.2   | 0.0   |
| 11.3  | 15.4  | 17.2  | 16.6  | 20.5  | 17.4  | 6.2   |
| 0.2   | 0.2   | 0.0   | 0.1   | 0.1   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.0   | 0.1   | 0.0   |
| 9.3   | 9.0   | 10.3  | 11.2  | 12.4  | 9.6   | 9.6   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.2   | 0.2   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.5   | 0.2   | 0.1   | 0.1   | 0.1   | 0.4   |
| 1.4   | 2.1   | 2.4   | 2.7   | 3.4   | 3.1   | 1.1   |
| 0.0   | 0.0   | 0.3   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.4   | 0.7   | 1.4   | 1.5   | 0.4   | 1.3   | 0.3   |
| 18.0  | 20.5  | 18.6  | 22.6  | 22.1  | 18.3  | 10.5  |

|      |      |      |      |      |      |       |
|------|------|------|------|------|------|-------|
| 1.3  | 1.2  | 0.9  | 1.5  | 2.2  | 1.8  | 3.7   |
| 1.9  | 1.1  | 1.8  | 2.8  | 2.6  | 1.9  | 2.0   |
| 11.7 | 15.9 | 17.0 | 13.4 | 17.0 | 12.1 | 10.5  |
| 39.5 | 57.7 | 61.1 | 68.6 | 61.1 | 51.0 | 63.0  |
| 0.6  | 0.3  | 0.8  | 0.6  | 0.8  | 0.6  | 1.6   |
| 43.9 | 58.3 | 48.3 | 46.7 | 73.5 | 64.1 | 26.8  |
| 2.8  | 3.3  | 2.5  | 2.1  | 3.5  | 4.2  | 1.8   |
| 0.1  | 0.2  | 0.4  | 0.4  | 0.0  | 0.3  | 0.0   |
| 5.8  | 6.3  | 6.3  | 6.6  | 7.6  | 6.6  | 5.6   |
| 2.6  | 4.1  | 1.3  | 1.4  | 1.9  | 4.2  | 3.1   |
| 1.8  | 2.3  | 2.2  | 2.3  | 3.6  | 3.1  | 0.9   |
| 0.3  | 0.4  | 0.3  | 0.3  | 0.3  | 0.5  | 0.3   |
| 0.2  | 0.2  | 0.8  | 0.6  | 0.1  | 0.8  | 0.0   |
| 2.3  | 2.5  | 2.8  | 3.2  | 4.0  | 2.0  | 0.6   |
| 76.7 | 75.9 | 83.7 | 95.6 | 91.1 | 84.3 | 116.9 |
| 29.9 | 36.6 | 38.8 | 38.3 | 36.8 | 36.9 | 34.8  |
| 5.0  | 4.7  | 7.2  | 8.5  | 7.1  | 6.5  | 7.8   |
| 3.8  | 4.2  | 2.4  | 2.4  | 3.1  | 5.5  | 8.3   |
| 0.2  | 0.5  | 1.1  | 0.7  | 0.5  | 0.9  | 0.2   |
| 0.1  | 0.1  | 0.3  | 0.1  | 0.1  | 0.1  | 0.0   |
| 3.9  | 3.9  | 3.1  | 4.4  | 5.3  | 4.1  | 4.1   |
| 0.1  | 0.0  | 0.3  | 0.2  | 0.0  | 0.3  | 0.0   |
| 0.0  | 0.0  | 0.5  | 0.0  | 0.0  | 0.0  | 0.0   |
| 4.1  | 3.9  | 6.7  | 5.7  | 3.7  | 5.2  | 5.2   |
| 2.2  | 2.8  | 2.2  | 2.5  | 4.0  | 3.1  | 2.4   |
| 0.0  | 0.2  | 1.6  | 0.6  | 0.0  | 0.0  | 0.0   |
| 60.8 | 75.0 | 80.4 | 78.6 | 77.0 | 76.4 | 70.2  |
| 0.1  | 0.1  | 0.2  | 0.2  | 0.0  | 0.0  | 0.0   |
| 29.8 | 29.5 | 27.6 | 33.2 | 29.8 | 27.1 | 37.7  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.0  | 0.4  | 0.0   |
| 6.0  | 6.8  | 6.2  | 7.6  | 7.9  | 8.0  | 8.0   |
| 1.3  | 2.5  | 1.9  | 1.5  | 3.6  | 2.6  | 2.4   |
| 0.1  | 0.0  | 0.0  | 0.2  | 0.3  | 0.1  | 0.0   |
| 0.0  | 0.3  | 0.0  | 0.0  | 0.4  | 0.0  | 0.0   |
| 2.6  | 5.4  | 7.3  | 5.8  | 4.4  | 8.0  | 0.6   |
| 1.6  | 1.9  | 2.1  | 1.7  | 2.1  | 1.8  | 1.4   |
| 0.0  | 0.1  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0   |
| 1.2  | 0.7  | 1.2  | 3.4  | 2.8  | 1.6  | 3.8   |
| 0.3  | 0.3  | 0.5  | 0.5  | 0.6  | 0.4  | 0.0   |
| 1.7  | 1.5  | 1.4  | 1.5  | 1.6  | 1.6  | 1.9   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0   |
| 0.3  | 0.3  | 0.8  | 0.6  | 0.3  | 2.0  | 0.0   |
| 0.7  | 0.9  | 1.1  | 0.9  | 0.8  | 0.6  | 0.2   |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.2  | 0.0   |
| 0.1  | 0.3  | 0.6  | 0.6  | 0.1  | 0.6  | 0.0   |
| 7.6  | 5.6  | 6.6  | 8.2  | 8.8  | 6.9  | 9.9   |
| 1.3  | 1.4  | 2.0  | 2.4  | 1.9  | 1.6  | 1.9   |

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| 1.6    | 1.2    | 2.3    | 1.5    | 1.6    | 1.9    | 0.3    |
| 0.0    | 0.0    | 0.0    | 0.1    | 0.0    | 0.1    | 0.1    |
| 3.7    | 5.0    | 2.4    | 1.9    | 5.8    | 5.6    | 1.4    |
| 4.1    | 3.4    | 3.0    | 3.1    | 5.6    | 4.0    | 1.3    |
| 2.2    | 3.3    | 3.8    | 3.1    | 3.4    | 4.4    | 4.3    |
| 0.0    | 0.0    | 0.0    | 0.2    | 0.0    | 0.1    | 0.0    |
| 179.8  | 210.8  | 119.8  | 121.8  | 173.7  | 209.5  | 201.9  |
| 0.1    | 0.0    | 0.2    | 0.1    | 0.1    | 0.1    | 0.1    |
| 14.7   | 16.5   | 15.2   | 21.0   | 18.0   | 14.5   | 29.2   |
| 0.1    | 0.1    | 0.8    | 0.4    | 0.5    | 0.1    | 0.0    |
| 0.3    | 0.6    | 2.0    | 1.2    | 0.4    | 1.1    | 1.4    |
| 6.6    | 6.5    | 5.7    | 5.7    | 6.5    | 7.7    | 4.3    |
| 23.4   | 23.6   | 26.2   | 31.4   | 30.8   | 29.8   | 52.7   |
| 3.1    | 3.5    | 4.6    | 5.1    | 3.1    | 4.6    | 4.1    |
| 0.0    | 0.0    | 0.1    | 0.2    | 0.1    | 0.1    | 0.0    |
| 0.0    | 0.0    | 0.5    | 0.2    | 0.0    | 0.0    | 0.0    |
| 2.9    | 4.9    | 5.0    | 4.4    | 4.4    | 3.7    | 5.1    |
| 3.1    | 2.6    | 3.3    | 3.7    | 2.7    | 2.1    | 3.0    |
| 1061.8 | 1186.9 | 1208.5 | 1418.3 | 1085.6 | 1139.2 | 1647.6 |
| 0.3    | 1.2    | 1.1    | 1.1    | 1.5    | 1.4    | 0.0    |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 4.1    | 5.4    | 4.0    | 2.8    | 6.9    | 5.0    | 2.2    |
| 0.3    | 0.5    | 1.4    | 1.1    | 0.3    | 0.7    | 0.2    |
| 0.0    | 0.1    | 0.0    | 0.2    | 0.0    | 0.0    | 0.0    |
| 0.0    | 0.0    | 0.2    | 0.2    | 0.9    | 0.0    | 0.0    |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 1.7    | 2.1    | 1.6    | 1.3    | 2.3    | 1.7    | 0.9    |
| 5.4    | 6.8    | 8.1    | 9.1    | 7.8    | 8.3    | 6.6    |
| 0.3    | 0.8    | 0.8    | 1.4    | 0.0    | 0.2    | 0.9    |
| 11.0   | 13.8   | 8.9    | 10.8   | 13.6   | 16.0   | 8.2    |
| 29.8   | 31.6   | 35.7   | 35.1   | 27.3   | 35.4   | 40.6   |
| 0.0    | 0.1    | 0.4    | 0.3    | 0.2    | 0.0    | 0.0    |
| 16.7   | 31.1   | 12.8   | 11.7   | 24.6   | 29.4   | 8.4    |
| 0.2    | 0.0    | 0.0    | 0.7    | 0.0    | 0.0    | 0.0    |
| 4.3    | 5.4    | 7.7    | 5.9    | 6.3    | 7.7    | 6.3    |
| 3.9    | 5.8    | 6.5    | 6.7    | 5.2    | 6.6    | 5.0    |
| 0.1    | 0.1    | 0.1    | 0.4    | 0.3    | 0.0    | 0.0    |
| 8.8    | 9.2    | 9.4    | 9.7    | 13.2   | 10.6   | 4.5    |
| 2.4    | 3.7    | 2.7    | 2.1    | 5.1    | 3.0    | 0.3    |
| 62.6   | 123.9  | 90.3   | 78.2   | 118.3  | 110.7  | 72.1   |
| 20.9   | 43.1   | 33.7   | 26.0   | 37.3   | 40.7   | 9.9    |
| 0.4    | 1.0    | 0.3    | 0.4    | 0.6    | 0.9    | 0.0    |
| 16.4   | 16.9   | 25.3   | 23.7   | 26.8   | 29.2   | 25.5   |
| 0.5    | 1.2    | 1.5    | 1.5    | 1.2    | 1.3    | 0.5    |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 0.0    | 0.0    | 0.0    | 0.1    | 0.0    | 0.0    | 0.0    |
| 42.5   | 58.2   | 42.3   | 37.6   | 57.0   | 59.7   | 36.7   |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 31.3  | 36.7  | 41.3  | 50.0  | 38.2  | 37.1  | 45.3  |
| 12.8  | 14.7  | 15.2  | 17.6  | 16.0  | 17.8  | 22.0  |
| 0.8   | 0.6   | 2.3   | 1.3   | 1.2   | 0.9   | 0.0   |
| 131.8 | 135.5 | 121.7 | 129.4 | 157.4 | 161.1 | 113.3 |
| 11.6  | 12.4  | 10.4  | 10.9  | 12.6  | 14.8  | 18.1  |
| 0.8   | 0.7   | 1.2   | 1.7   | 0.8   | 0.9   | 0.2   |
| 0.0   | 0.1   | 0.2   | 0.2   | 0.0   | 0.0   | 0.0   |
| 12.3  | 17.1  | 12.4  | 14.1  | 20.7  | 18.8  | 6.1   |
| 8.2   | 10.7  | 6.3   | 5.4   | 11.1  | 11.4  | 2.8   |
| 0.7   | 1.1   | 1.5   | 2.2   | 0.7   | 0.9   | 1.6   |
| 60.5  | 77.5  | 76.5  | 86.5  | 87.0  | 66.7  | 76.4  |
| 53.1  | 63.1  | 79.8  | 69.6  | 70.3  | 70.0  | 48.4  |
| 27.5  | 34.3  | 35.7  | 35.5  | 34.6  | 28.0  | 31.4  |
| 0.0   | 0.1   | 0.1   | 0.1   | 0.2   | 0.1   | 0.0   |
| 0.2   | 0.1   | 0.8   | 0.3   | 0.1   | 0.4   | 0.0   |
| 0.1   | 0.0   | 0.2   | 0.0   | 0.0   | 0.1   | 0.0   |
| 8.7   | 10.9  | 7.6   | 7.6   | 9.1   | 12.3  | 8.9   |
| 10.3  | 16.8  | 16.7  | 13.0  | 18.7  | 16.6  | 15.4  |
| 0.0   | 0.0   | 0.3   | 0.9   | 0.5   | 0.0   | 0.0   |
| 0.2   | 0.2   | 0.3   | 0.2   | 0.2   | 0.2   | 0.1   |
| 12.1  | 11.3  | 11.5  | 11.3  | 9.9   | 12.2  | 8.0   |
| 65.5  | 93.6  | 97.5  | 100.4 | 89.6  | 90.1  | 90.2  |
| 25.5  | 36.5  | 43.7  | 38.1  | 37.0  | 32.8  | 30.1  |
| 1.0   | 1.2   | 1.4   | 1.6   | 1.6   | 0.9   | 3.1   |
| 0.2   | 0.3   | 0.7   | 0.5   | 0.4   | 0.2   | 0.0   |
| 8.9   | 10.3  | 11.7  | 11.4  | 11.9  | 9.6   | 8.5   |
| 5.0   | 3.9   | 4.6   | 4.3   | 5.0   | 3.7   | 12.3  |
| 0.6   | 0.9   | 0.8   | 1.1   | 0.7   | 1.0   | 1.7   |
| 17.0  | 16.3  | 12.2  | 11.6  | 20.3  | 12.3  | 2.3   |
| 36.0  | 39.4  | 33.1  | 34.8  | 38.9  | 39.3  | 23.5  |
| 1.0   | 1.1   | 1.1   | 0.9   | 1.5   | 1.4   | 0.2   |
| 34.8  | 50.8  | 45.4  | 41.9  | 48.4  | 42.7  | 38.4  |
| 35.2  | 34.5  | 39.2  | 40.5  | 32.5  | 29.2  | 38.4  |
| 5.8   | 7.9   | 5.7   | 4.8   | 5.3   | 5.9   | 0.0   |
| 3.3   | 2.5   | 3.4   | 3.1   | 3.2   | 3.2   | 4.8   |
| 7.0   | 9.0   | 11.9  | 12.2  | 8.9   | 11.5  | 7.3   |
| 0.2   | 0.2   | 1.1   | 1.5   | 0.8   | 2.5   | 0.0   |
| 1.5   | 1.6   | 0.4   | 0.6   | 2.3   | 2.3   | 0.6   |
| 2.8   | 5.1   | 5.6   | 6.0   | 4.9   | 6.0   | 2.7   |
| 16.2  | 14.8  | 14.1  | 13.9  | 22.0  | 18.8  | 6.7   |
| 22.0  | 25.2  | 21.5  | 24.8  | 31.5  | 20.1  | 13.4  |
| 0.0   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.6   | 0.7   | 0.8   | 0.4   | 0.3   | 0.0   |
| 0.3   | 0.2   | 0.3   | 0.2   | 0.2   | 0.3   | 1.6   |
| 0.0   | 0.0   | 0.4   | 0.2   | 0.0   | 0.2   | 0.0   |
| 64.5  | 52.4  | 63.1  | 72.2  | 67.3  | 57.3  | 100.3 |
| 2.5   | 3.3   | 3.7   | 2.3   | 1.9   | 2.2   | 5.3   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 1.5  | 2.1  | 1.8  | 2.0  | 2.3  | 2.3  | 2.9  |
| 2.6  | 4.8  | 5.5  | 6.4  | 5.0  | 5.3  | 1.8  |
| 1.8  | 1.5  | 1.7  | 1.2  | 2.6  | 3.8  | 2.1  |
| 49.8 | 55.6 | 57.8 | 64.2 | 46.1 | 52.8 | 73.9 |
| 5.7  | 7.5  | 7.1  | 8.1  | 7.3  | 8.0  | 8.2  |
| 0.1  | 0.2  | 0.7  | 0.2  | 0.2  | 0.4  | 0.7  |
| 1.5  | 1.9  | 2.9  | 2.2  | 1.8  | 2.3  | 1.1  |
| 0.2  | 0.4  | 0.9  | 0.9  | 0.5  | 1.2  | 0.0  |
| 0.1  | 0.1  | 0.3  | 0.0  | 0.0  | 0.4  | 0.0  |
| 0.1  | 0.1  | 0.4  | 0.3  | 0.2  | 0.2  | 0.1  |
| 1.3  | 1.3  | 2.6  | 1.7  | 2.0  | 2.1  | 1.2  |
| 22.7 | 19.9 | 23.0 | 27.7 | 18.3 | 20.6 | 43.0 |
| 1.0  | 0.9  | 1.1  | 1.8  | 1.4  | 1.3  | 1.6  |
| 3.0  | 4.6  | 7.6  | 5.7  | 5.3  | 5.4  | 3.9  |
| 0.1  | 0.2  | 0.7  | 1.0  | 0.3  | 0.9  | 0.0  |
| 0.8  | 1.0  | 0.8  | 0.6  | 0.3  | 1.8  | 1.9  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.3  | 0.7  | 1.0  | 1.1  | 0.4  | 1.0  | 0.5  |
| 4.8  | 6.9  | 8.8  | 9.5  | 7.4  | 8.9  | 8.8  |
| 6.1  | 5.2  | 5.4  | 5.4  | 7.6  | 5.5  | 2.8  |
| 0.5  | 0.6  | 1.3  | 1.5  | 0.4  | 0.8  | 1.4  |
| 23.5 | 24.4 | 20.3 | 20.8 | 34.2 | 30.3 | 11.8 |
| 2.3  | 2.1  | 2.2  | 2.2  | 1.6  | 2.3  | 0.7  |
| 0.8  | 0.8  | 1.5  | 1.1  | 0.9  | 0.6  | 1.4  |
| 0.2  | 0.1  | 0.3  | 0.3  | 0.3  | 0.4  | 0.5  |
| 10.1 | 11.6 | 12.0 | 11.3 | 13.0 | 12.9 | 8.9  |
| 0.1  | 0.1  | 0.3  | 0.2  | 0.1  | 0.2  | 0.0  |
| 2.4  | 4.7  | 6.1  | 5.9  | 3.5  | 6.6  | 4.2  |
| 7.6  | 8.4  | 7.7  | 8.6  | 10.6 | 9.2  | 9.2  |
| 11.9 | 13.2 | 16.3 | 18.4 | 14.9 | 16.9 | 7.6  |
| 17.5 | 19.3 | 24.9 | 23.6 | 20.2 | 23.5 | 22.8 |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 55.6 | 51.7 | 42.4 | 46.4 | 68.5 | 67.0 | 51.7 |
| 13.5 | 20.8 | 20.3 | 20.4 | 17.0 | 17.3 | 22.3 |
| 0.9  | 1.2  | 1.7  | 1.4  | 2.1  | 1.9  | 1.5  |
| 0.6  | 1.6  | 4.1  | 2.9  | 1.3  | 3.0  | 1.2  |
| 2.0  | 1.4  | 1.8  | 2.9  | 3.5  | 2.1  | 2.9  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.5  | 0.2  | 0.2  | 0.0  |
| 1.4  | 1.9  | 3.0  | 3.9  | 2.8  | 2.5  | 1.2  |
| 0.7  | 0.8  | 1.0  | 1.2  | 1.1  | 0.7  | 0.2  |
| 4.1  | 4.3  | 4.2  | 3.8  | 4.6  | 4.1  | 5.1  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.2  | 0.0  | 0.0  |
| 4.1  | 6.5  | 6.4  | 6.1  | 6.4  | 4.3  | 3.3  |



|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 5.9  | 8.0  | 5.5  | 6.2  | 9.1  | 8.7  | 4.0  |
| 1.0  | 1.2  | 0.7  | 0.7  | 1.1  | 1.4  | 0.0  |
| 29.3 | 18.7 | 14.1 | 22.3 | 31.3 | 28.5 | 57.5 |
| 0.3  | 0.4  | 0.9  | 0.8  | 0.3  | 0.6  | 0.3  |
| 12.3 | 13.4 | 14.7 | 14.4 | 13.6 | 15.0 | 17.0 |
| 11.7 | 10.3 | 7.8  | 9.0  | 15.6 | 10.8 | 16.9 |
| 3.1  | 2.8  | 3.7  | 4.3  | 5.0  | 4.4  | 1.3  |
| 0.0  | 0.1  | 0.4  | 0.3  | 0.2  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 14.2 | 11.5 | 18.1 | 19.2 | 13.5 | 11.5 | 11.8 |
| 8.6  | 10.1 | 9.3  | 9.6  | 10.6 | 11.3 | 9.0  |
| 0.1  | 0.1  | 0.6  | 0.5  | 0.3  | 0.4  | 0.0  |
| 6.9  | 5.6  | 8.2  | 8.6  | 9.0  | 8.4  | 16.7 |
| 17.0 | 25.3 | 30.2 | 36.3 | 24.6 | 32.9 | 24.3 |
| 0.4  | 0.7  | 1.6  | 1.4  | 1.0  | 1.2  | 1.1  |
| 1.5  | 2.6  | 5.0  | 6.3  | 3.3  | 5.0  | 1.7  |
| 0.4  | 0.0  | 0.0  | 0.0  | 0.0  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 6.7  | 7.2  | 8.2  | 7.5  | 7.0  | 6.4  | 7.8  |
| 13.5 | 19.4 | 17.9 | 20.3 | 16.9 | 24.4 | 33.1 |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.9  | 1.0  | 2.5  | 2.5  | 1.9  | 2.2  | 0.4  |
| 3.3  | 4.8  | 6.2  | 5.8  | 5.0  | 4.2  | 5.4  |
| 3.9  | 3.8  | 4.3  | 4.3  | 3.7  | 4.3  | 4.9  |
| 1.7  | 1.9  | 2.3  | 2.4  | 2.2  | 2.5  | 1.4  |
| 8.2  | 9.3  | 8.6  | 11.5 | 10.5 | 12.3 | 9.8  |
| 4.6  | 6.5  | 6.3  | 7.2  | 5.2  | 6.6  | 7.2  |
| 3.2  | 4.1  | 3.7  | 4.3  | 7.6  | 3.7  | 1.5  |
| 0.3  | 0.4  | 0.0  | 0.0  | 0.2  | 1.0  | 0.5  |
| 2.6  | 4.0  | 3.9  | 4.1  | 3.9  | 3.1  | 2.8  |
| 21.3 | 31.0 | 16.1 | 19.8 | 31.3 | 34.9 | 14.9 |
| 0.4  | 0.9  | 1.4  | 0.7  | 0.6  | 1.9  | 0.0  |
| 0.0  | 0.1  | 0.3  | 0.1  | 0.1  | 0.3  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.1  | 0.6  | 0.1  | 0.3  | 0.0  |
| 3.5  | 3.3  | 4.7  | 4.0  | 3.4  | 1.7  | 1.5  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.5  | 0.0  |
| 1.0  | 1.1  | 1.5  | 1.3  | 1.9  | 1.0  | 1.6  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.3  | 0.0  |
| 3.4  | 5.1  | 6.8  | 0.0  | 9.7  | 0.0  | 0.0  |
| 7.0  | 8.0  | 9.6  | 8.7  | 12.9 | 10.4 | 4.1  |
| 0.3  | 0.5  | 1.2  | 1.0  | 0.4  | 0.8  | 0.0  |
| 1.4  | 1.7  | 1.7  | 1.5  | 1.2  | 3.0  | 0.9  |
| 26.1 | 27.7 | 31.1 | 36.3 | 27.9 | 33.4 | 40.7 |
| 0.0  | 0.2  | 1.4  | 1.1  | 2.8  | 0.8  | 1.5  |
| 15.6 | 14.9 | 15.5 | 17.3 | 16.7 | 18.2 | 18.1 |
| 0.0  | 0.1  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |

|        |        |        |        |       |       |        |
|--------|--------|--------|--------|-------|-------|--------|
| 0.0    | 0.0    | 0.3    | 0.3    | 0.1   | 0.0   | 0.0    |
| 1.8    | 2.3    | 2.5    | 3.7    | 2.5   | 2.9   | 3.5    |
| 151.4  | 157.3  | 188.2  | 169.6  | 163.1 | 184.0 | 157.4  |
| 4.7    | 5.8    | 4.9    | 4.5    | 6.3   | 6.4   | 4.6    |
| 3.4    | 4.1    | 3.5    | 4.8    | 5.1   | 3.8   | 2.8    |
| 31.3   | 34.3   | 39.4   | 38.4   | 36.6  | 36.6  | 47.6   |
| 1.5    | 1.6    | 2.3    | 2.9    | 2.0   | 2.2   | 0.2    |
| 0.4    | 0.3    | 0.5    | 0.8    | 0.5   | 0.5   | 0.7    |
| 0.1    | 0.2    | 0.6    | 0.2    | 0.1   | 0.7   | 0.6    |
| 108.6  | 102.2  | 84.3   | 87.4   | 140.0 | 131.8 | 142.6  |
| 12.7   | 13.9   | 11.3   | 11.5   | 18.2  | 16.4  | 5.3    |
| 7.1    | 9.8    | 9.3    | 11.4   | 9.1   | 12.5  | 13.9   |
| 0.6    | 0.5    | 1.0    | 0.5    | 0.8   | 0.8   | 0.7    |
| 20.1   | 38.0   | 33.5   | 30.0   | 30.3  | 27.6  | 34.8   |
| 25.9   | 37.1   | 30.8   | 36.7   | 39.3  | 33.9  | 40.9   |
| 0.0    | 0.1    | 0.1    | 0.0    | 0.0   | 0.0   | 0.2    |
| 2.0    | 3.3    | 3.6    | 3.9    | 5.4   | 3.1   | 1.1    |
| 11.0   | 15.1   | 12.5   | 12.4   | 13.9  | 12.5  | 13.2   |
| 0.1    | 0.5    | 0.9    | 0.8    | 0.4   | 0.5   | 0.1    |
| 0.0    | 0.3    | 0.5    | 0.5    | 0.3   | 0.4   | 0.0    |
| 5.0    | 6.1    | 1.4    | 1.2    | 3.0   | 7.5   | 2.6    |
| 13.0   | 10.0   | 15.8   | 17.0   | 21.2  | 11.1  | 3.3    |
| 0.0    | 0.1    | 0.4    | 0.3    | 0.1   | 0.1   | 0.0    |
| 8.7    | 12.5   | 16.0   | 17.8   | 13.9  | 15.0  | 17.5   |
| 2.1    | 2.9    | 4.8    | 4.0    | 3.1   | 2.4   | 2.7    |
| 0.1    | 0.3    | 0.7    | 0.6    | 0.3   | 0.1   | 0.0    |
| 0.0    | 0.0    | 0.2    | 0.1    | 0.0   | 0.0   | 0.0    |
| 0.1    | 0.2    | 0.2    | 0.2    | 0.0   | 0.0   | 0.0    |
| 0.0    | 0.0    | 0.0    | 0.6    | 0.0   | 0.0   | 0.0    |
| 6.5    | 7.9    | 5.6    | 4.9    | 6.9   | 6.9   | 6.7    |
| 0.0    | 0.0    | 0.0    | 0.2    | 0.0   | 0.0   | 0.0    |
| 0.0    | 0.0    | 0.1    | 0.1    | 0.0   | 0.0   | 0.0    |
| 0.6    | 0.3    | 0.6    | 0.7    | 0.9   | 1.0   | 0.0    |
| 1.6    | 2.7    | 4.9    | 5.8    | 3.0   | 2.7   | 4.4    |
| 9.8    | 15.4   | 6.0    | 6.1    | 7.1   | 18.9  | 13.5   |
| 0.2    | 0.2    | 1.1    | 1.0    | 0.1   | 1.2   | 0.0    |
| 12.5   | 16.4   | 15.8   | 19.2   | 10.5  | 15.9  | 21.7   |
| 2.4    | 4.5    | 8.8    | 9.7    | 3.8   | 7.6   | 3.9    |
| 23.4   | 26.2   | 26.0   | 25.0   | 26.5  | 32.5  | 37.4   |
| 3.1    | 4.2    | 4.0    | 4.1    | 4.9   | 4.7   | 1.6    |
| 25.3   | 25.6   | 31.3   | 27.6   | 36.4  | 31.8  | 24.1   |
| 1.4    | 2.4    | 2.0    | 2.5    | 1.2   | 1.8   | 3.3    |
| 22.3   | 26.3   | 26.2   | 33.7   | 38.7  | 30.3  | 22.2   |
| 0.3    | 0.0    | 0.4    | 0.0    | 0.4   | 1.0   | 3.9    |
| 441.6  | 143.0  | 316.8  | 167.6  | 260.2 | 247.4 | 357.8  |
| 2894.5 | 1096.6 | 1865.5 | 1150.8 | 986.0 | 923.3 | 1767.7 |
| 4.5    | 4.4    | 8.5    | 8.4    | 8.0   | 5.0   | 6.8    |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 10.5  | 15.8  | 13.2  | 17.5  | 17.6  | 14.8  | 6.1   |
| 2.2   | 4.0   | 3.5   | 3.1   | 2.7   | 4.0   | 2.9   |
| 8.9   | 10.1  | 7.7   | 7.7   | 11.9  | 11.4  | 3.6   |
| 25.5  | 34.3  | 37.0  | 41.3  | 43.2  | 48.4  | 27.9  |
| 3.0   | 1.8   | 1.6   | 0.7   | 1.4   | 2.8   | 4.5   |
| 3.8   | 6.5   | 7.2   | 6.4   | 5.6   | 5.9   | 4.2   |
| 0.3   | 0.1   | 0.0   | 0.4   | 0.2   | 0.6   | 0.0   |
| 0.9   | 1.7   | 3.5   | 2.6   | 1.5   | 2.3   | 1.2   |
| 5.4   | 5.5   | 5.7   | 5.2   | 8.1   | 7.0   | 2.9   |
| 20.8  | 18.5  | 13.9  | 15.3  | 19.9  | 17.2  | 13.5  |
| 2.0   | 2.5   | 2.5   | 2.7   | 3.0   | 1.4   | 0.4   |
| 1.4   | 1.2   | 0.9   | 1.0   | 1.6   | 1.6   | 0.6   |
| 2.9   | 3.4   | 3.2   | 3.7   | 4.0   | 4.0   | 3.4   |
| 0.0   | 0.0   | 0.4   | 0.2   | 0.0   | 0.1   | 0.0   |
| 3.0   | 2.7   | 2.6   | 2.5   | 4.3   | 2.5   | 1.1   |
| 6.6   | 8.8   | 8.0   | 8.3   | 10.2  | 11.1  | 17.8  |
| 2.2   | 2.0   | 1.6   | 1.4   | 3.2   | 2.4   | 2.3   |
| 29.3  | 32.2  | 30.5  | 31.7  | 33.5  | 33.9  | 24.2  |
| 0.2   | 0.2   | 0.4   | 0.1   | 0.2   | 0.2   | 0.0   |
| 0.0   | 0.1   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 2.6   | 3.0   | 2.8   | 2.1   | 3.8   | 2.7   | 0.7   |
| 17.9  | 18.6  | 15.9  | 15.5  | 22.8  | 22.3  | 15.4  |
| 0.0   | 0.5   | 0.0   | 0.5   | 0.0   | 0.0   | 0.0   |
| 0.4   | 0.5   | 0.8   | 1.2   | 1.0   | 0.4   | 0.9   |
| 0.9   | 2.3   | 4.4   | 3.9   | 2.1   | 3.4   | 0.2   |
| 0.4   | 1.1   | 2.4   | 1.4   | 0.8   | 1.4   | 0.0   |
| 0.2   | 0.2   | 0.9   | 0.8   | 0.3   | 0.0   | 0.0   |
| 21.0  | 27.7  | 19.7  | 22.3  | 16.3  | 20.9  | 35.7  |
| 22.6  | 31.7  | 35.0  | 35.9  | 30.9  | 27.9  | 28.0  |
| 11.6  | 10.8  | 12.4  | 12.8  | 13.8  | 14.1  | 8.7   |
| 3.6   | 4.8   | 6.3   | 5.8   | 6.4   | 6.5   | 4.1   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.4   | 0.0   | 0.0   |
| 4.3   | 4.0   | 4.3   | 5.0   | 6.2   | 4.8   | 2.1   |
| 131.7 | 131.0 | 147.0 | 170.3 | 129.3 | 155.6 | 199.1 |
| 0.4   | 0.7   | 0.9   | 0.8   | 0.9   | 1.0   | 0.6   |
| 12.4  | 13.0  | 14.4  | 12.4  | 19.1  | 16.3  | 9.3   |
| 3.6   | 3.9   | 3.6   | 3.0   | 6.1   | 5.6   | 0.8   |
| 9.5   | 12.1  | 13.9  | 16.6  | 12.7  | 12.5  | 15.9  |
| 0.5   | 0.6   | 0.4   | 0.7   | 0.4   | 0.7   | 0.4   |
| 26.4  | 32.4  | 37.9  | 42.8  | 35.6  | 34.1  | 34.6  |
| 3.3   | 5.0   | 3.7   | 5.6   | 6.0   | 4.7   | 2.9   |
| 1.3   | 0.8   | 1.3   | 1.5   | 1.3   | 1.6   | 0.4   |
| 5.8   | 12.5  | 12.0  | 12.0  | 12.7  | 12.6  | 7.7   |
| 1.4   | 2.7   | 3.6   | 4.4   | 2.1   | 3.6   | 1.7   |
| 0.1   | 0.1   | 0.1   | 0.4   | 0.1   | 0.3   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 3.5   | 3.6   | 4.7   | 5.2   | 3.3   | 3.8   | 4.3   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.4  | 1.9  | 2.2  | 0.1  | 3.2  | 0.0  |
| 0.3  | 0.4  | 2.8  | 2.4  | 0.8  | 2.1  | 0.0  |
| 0.4  | 0.2  | 0.9  | 1.7  | 0.7  | 3.3  | 0.0  |
| 0.3  | 0.3  | 1.8  | 1.2  | 0.6  | 3.5  | 0.0  |
| 5.5  | 7.8  | 9.0  | 8.6  | 7.4  | 8.6  | 7.5  |
| 19.5 | 18.1 | 21.6 | 25.4 | 24.4 | 21.9 | 30.9 |
| 0.1  | 0.2  | 0.6  | 0.1  | 0.2  | 0.4  | 0.0  |
| 0.2  | 0.0  | 0.0  | 0.1  | 0.2  | 0.6  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.4  | 0.5  | 0.2  | 0.3  | 0.0  |
| 6.1  | 6.8  | 8.6  | 9.1  | 8.4  | 7.1  | 6.9  |
| 9.2  | 11.4 | 11.1 | 10.8 | 13.0 | 13.2 | 5.4  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.1  | 0.0  |
| 5.5  | 4.9  | 6.7  | 7.4  | 5.5  | 5.9  | 9.8  |
| 0.6  | 1.0  | 1.0  | 1.2  | 1.1  | 1.4  | 0.4  |
| 2.8  | 2.9  | 2.6  | 2.9  | 5.1  | 2.9  | 0.9  |
| 0.2  | 0.2  | 0.2  | 0.2  | 0.2  | 0.5  | 0.0  |
| 0.4  | 0.4  | 0.6  | 0.6  | 0.3  | 0.8  | 0.6  |
| 18.2 | 19.0 | 29.6 | 35.1 | 28.2 | 25.6 | 29.9 |
| 54.1 | 57.1 | 51.9 | 56.9 | 89.0 | 72.0 | 55.2 |
| 0.5  | 0.7  | 1.0  | 0.6  | 1.1  | 0.3  | 0.0  |
| 2.8  | 1.4  | 2.7  | 3.1  | 3.5  | 3.3  | 4.7  |
| 0.8  | 1.3  | 1.3  | 0.9  | 0.8  | 0.6  | 3.0  |
| 18.7 | 23.0 | 17.4 | 19.3 | 14.3 | 25.3 | 33.1 |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.3  | 0.3  | 0.0  |
| 2.6  | 5.1  | 8.8  | 5.6  | 5.0  | 6.6  | 2.8  |
| 0.1  | 0.1  | 0.6  | 0.4  | 0.1  | 0.3  | 0.0  |
| 1.9  | 2.2  | 2.9  | 2.9  | 3.8  | 2.2  | 0.3  |
| 1.3  | 1.3  | 1.1  | 1.5  | 1.6  | 3.3  | 1.9  |
| 0.8  | 0.7  | 1.5  | 1.9  | 1.4  | 1.8  | 1.0  |
| 8.1  | 13.4 | 26.2 | 28.4 | 13.2 | 26.4 | 8.1  |
| 2.5  | 4.3  | 5.4  | 5.9  | 5.5  | 4.6  | 5.1  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.2  | 0.2  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.4  | 0.9  | 0.7  | 0.6  | 0.6  | 1.0  | 1.1  |
| 2.5  | 3.9  | 2.3  | 3.8  | 4.6  | 4.1  | 3.0  |
| 0.6  | 0.6  | 0.7  | 0.4  | 0.9  | 1.1  | 0.4  |
| 19.1 | 15.3 | 16.6 | 20.2 | 20.3 | 19.6 | 13.7 |
| 7.3  | 9.0  | 8.0  | 7.6  | 10.6 | 10.8 | 6.4  |
| 5.2  | 2.9  | 4.7  | 6.7  | 6.0  | 5.1  | 8.8  |
| 1.1  | 2.4  | 3.1  | 3.3  | 2.5  | 2.6  | 2.3  |
| 29.7 | 36.5 | 39.1 | 44.0 | 44.1 | 25.1 | 16.9 |
| 12.5 | 16.7 | 14.3 | 13.8 | 20.5 | 18.2 | 11.3 |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.2  | 0.2  | 0.1  | 0.1  | 0.2  | 0.1  |
| 0.1  | 0.1  | 0.0  | 0.3  | 0.1  | 0.0  | 0.0  |

|      |      |      |      |      |      |       |
|------|------|------|------|------|------|-------|
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0   |
| 2.5  | 2.2  | 2.5  | 2.6  | 3.0  | 3.0  | 3.0   |
| 4.1  | 4.3  | 3.9  | 3.9  | 3.8  | 5.0  | 3.0   |
| 4.1  | 3.2  | 3.2  | 4.3  | 5.5  | 5.6  | 8.0   |
| 1.8  | 2.1  | 2.7  | 2.9  | 2.2  | 2.2  | 3.2   |
| 0.2  | 0.8  | 0.5  | 0.1  | 0.6  | 0.8  | 0.6   |
| 1.3  | 1.3  | 1.0  | 1.2  | 1.7  | 1.5  | 0.3   |
| 0.2  | 0.3  | 0.3  | 0.4  | 0.3  | 0.1  | 0.0   |
| 0.8  | 1.1  | 2.2  | 1.4  | 1.2  | 1.6  | 0.9   |
| 0.1  | 0.1  | 0.5  | 0.8  | 0.0  | 0.1  | 0.0   |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0   |
| 0.0  | 0.0  | 0.5  | 0.2  | 0.0  | 0.0  | 0.0   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   |
| 0.1  | 0.3  | 0.2  | 0.3  | 0.1  | 0.2  | 0.0   |
| 8.2  | 8.4  | 6.4  | 7.1  | 7.7  | 9.1  | 10.7  |
| 9.5  | 9.6  | 6.3  | 8.3  | 11.8 | 12.4 | 7.0   |
| 34.9 | 32.5 | 40.3 | 39.5 | 38.2 | 42.5 | 28.8  |
| 0.2  | 0.2  | 0.2  | 0.4  | 0.3  | 0.4  | 0.2   |
| 0.6  | 0.6  | 0.8  | 0.7  | 0.4  | 0.4  | 0.0   |
| 0.0  | 0.0  | 0.1  | 0.0  | 1.1  | 1.2  | 0.0   |
| 2.8  | 2.0  | 1.9  | 2.2  | 3.4  | 2.9  | 1.0   |
| 19.9 | 23.0 | 17.7 | 16.9 | 22.6 | 32.4 | 25.9  |
| 4.6  | 7.1  | 6.3  | 8.0  | 7.6  | 8.4  | 12.0  |
| 80.9 | 65.0 | 64.1 | 85.8 | 75.5 | 77.3 | 129.4 |
| 17.6 | 32.9 | 23.7 | 25.5 | 26.0 | 25.3 | 20.8  |
| 1.7  | 2.0  | 2.9  | 2.8  | 3.3  | 1.7  | 1.2   |
| 1.0  | 0.7  | 1.5  | 1.1  | 1.5  | 0.9  | 1.4   |
| 19.8 | 30.9 | 36.7 | 38.2 | 24.6 | 29.5 | 22.1  |
| 10.5 | 8.6  | 11.5 | 13.7 | 13.3 | 13.0 | 19.4  |
| 2.9  | 3.6  | 3.0  | 3.0  | 3.5  | 3.7  | 1.9   |
| 0.1  | 0.0  | 0.1  | 0.0  | 0.0  | 0.2  | 0.0   |
| 3.9  | 3.5  | 3.1  | 3.7  | 3.6  | 5.4  | 4.6   |
| 5.4  | 4.9  | 4.1  | 3.1  | 7.1  | 6.6  | 3.8   |
| 9.3  | 5.4  | 5.9  | 8.9  | 9.2  | 9.4  | 13.4  |
| 3.2  | 4.5  | 4.8  | 5.9  | 5.1  | 2.4  | 8.7   |
| 0.2  | 0.3  | 0.3  | 0.3  | 0.3  | 0.0  | 0.0   |
| 36.4 | 64.5 | 41.9 | 38.7 | 39.5 | 45.3 | 31.0  |
| 14.3 | 14.6 | 17.0 | 17.4 | 13.9 | 13.0 | 10.8  |
| 3.8  | 5.5  | 2.3  | 1.4  | 3.8  | 5.6  | 2.7   |
| 3.0  | 2.6  | 2.4  | 2.3  | 2.8  | 1.9  | 1.6   |
| 2.4  | 3.1  | 1.7  | 1.5  | 2.7  | 3.6  | 2.4   |
| 0.6  | 1.9  | 3.6  | 3.5  | 1.1  | 3.5  | 0.8   |
| 0.4  | 0.7  | 0.7  | 0.4  | 0.5  | 0.5  | 0.3   |
| 9.4  | 12.0 | 12.7 | 13.1 | 9.2  | 11.9 | 6.1   |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.1  | 0.1  | 0.0   |
| 5.0  | 4.6  | 4.9  | 6.3  | 7.0  | 4.5  | 4.9   |
| 0.5  | 0.6  | 0.5  | 0.6  | 0.5  | 0.7  | 0.3   |

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| 6.3    | 7.6    | 8.5    | 9.4    | 6.3    | 7.6    | 7.7    |
| 19.7   | 24.7   | 29.4   | 34.6   | 32.0   | 28.3   | 20.1   |
| 0.1    | 0.1    | 0.6    | 0.3    | 0.2    | 0.5    | 0.0    |
| 0.1    | 0.1    | 0.4    | 0.4    | 0.3    | 0.1    | 0.4    |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 0.5    | 1.0    | 0.6    | 0.9    | 0.9    | 0.8    | 0.4    |
| 0.0    | 0.1    | 0.0    | 0.1    | 0.0    | 0.0    | 0.0    |
| 6.0    | 7.9    | 8.4    | 8.4    | 7.0    | 7.7    | 9.3    |
| 0.0    | 0.0    | 0.1    | 0.0    | 0.0    | 0.1    | 0.0    |
| 16.3   | 21.6   | 24.2   | 25.6   | 23.7   | 20.3   | 17.7   |
| 1.5    | 2.2    | 2.0    | 1.9    | 2.3    | 2.2    | 2.3    |
| 1.8    | 1.4    | 1.4    | 1.6    | 1.5    | 1.7    | 0.8    |
| 0.8    | 1.2    | 1.6    | 1.7    | 1.0    | 0.5    | 1.2    |
| 0.0    | 0.0    | 0.2    | 0.1    | 0.1    | 0.1    | 0.0    |
| 0.0    | 0.0    | 0.1    | 0.1    | 0.0    | 0.0    | 0.0    |
| 5.8    | 5.8    | 5.4    | 4.6    | 8.0    | 7.2    | 7.1    |
| 4.9    | 3.1    | 3.5    | 3.8    | 4.9    | 3.2    | 0.3    |
| 4.1    | 5.5    | 5.4    | 6.0    | 6.2    | 4.8    | 3.5    |
| 0.0    | 0.3    | 0.7    | 0.3    | 0.1    | 0.5    | 0.0    |
| 0.0    | 0.0    | 0.1    | 0.3    | 0.0    | 0.1    | 0.0    |
| 0.0    | 0.0    | 0.2    | 0.0    | 0.0    | 0.1    | 0.2    |
| 0.1    | 0.1    | 0.4    | 0.2    | 0.0    | 0.3    | 1.0    |
| 0.0    | 0.0    | 0.1    | 0.0    | 0.1    | 0.0    | 0.0    |
| 0.0    | 0.0    | 0.2    | 0.0    | 0.0    | 0.3    | 0.0    |
| 1.5    | 3.6    | 6.4    | 5.8    | 2.8    | 6.6    | 1.0    |
| 0.1    | 0.3    | 0.5    | 0.6    | 0.5    | 0.5    | 0.0    |
| 0.6    | 1.6    | 2.7    | 3.4    | 1.4    | 2.6    | 0.4    |
| 0.3    | 0.3    | 0.1    | 0.2    | 0.0    | 0.4    | 0.0    |
| 0.5    | 0.5    | 0.4    | 0.5    | 0.8    | 0.6    | 0.3    |
| 0.2    | 0.3    | 0.4    | 0.3    | 0.5    | 0.4    | 0.1    |
| 11.1   | 13.1   | 11.2   | 11.9   | 13.9   | 14.6   | 10.0   |
| 0.0    | 0.0    | 0.2    | 0.2    | 0.0    | 0.0    | 0.1    |
| 14.6   | 15.9   | 16.5   | 17.0   | 17.9   | 23.4   | 11.7   |
| 0.0    | 0.1    | 0.3    | 0.5    | 0.0    | 0.5    | 0.0    |
| 9.1    | 10.5   | 8.4    | 8.9    | 13.7   | 12.6   | 5.4    |
| 1.3    | 2.7    | 5.2    | 6.2    | 3.0    | 4.6    | 0.7    |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 0.7    | 0.6    | 0.4    | 0.6    | 0.7    | 0.6    | 0.3    |
| 9974.5 | 3036.4 | 3762.8 | 3543.4 | 2520.6 | 3279.4 | 2024.4 |
| 33.0   | 32.2   | 19.7   | 21.4   | 63.3   | 51.1   | 0.0    |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.1    | 0.0    |
| 1.7    | 1.8    | 1.1    | 0.9    | 1.3    | 2.3    | 2.2    |
| 0.0    | 0.0    | 0.0    | 0.1    | 0.0    | 0.0    | 0.0    |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.1    | 0.0    |
| 23.9   | 24.6   | 22.2   | 28.5   | 23.3   | 26.0   | 25.4   |
| 1.9    | 3.2    | 2.7    | 3.0    | 2.8    | 2.3    | 0.4    |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 24.7 | 42.8 | 39.3 | 39.0 | 35.6 | 46.4 | 42.3 |
| 0.6  | 0.5  | 1.2  | 1.3  | 0.4  | 0.8  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.1  | 0.1  | 0.1  | 0.1  |
| 17.9 | 18.7 | 12.4 | 13.2 | 26.2 | 20.0 | 10.1 |
| 0.0  | 0.1  | 0.0  | 0.2  | 0.2  | 0.1  | 0.0  |
| 17.6 | 22.1 | 18.5 | 19.8 | 26.8 | 28.5 | 11.0 |
| 0.4  | 0.8  | 1.3  | 1.0  | 0.9  | 1.1  | 0.5  |
| 18.4 | 22.2 | 21.2 | 19.8 | 21.6 | 20.0 | 14.6 |
| 11.2 | 12.2 | 12.6 | 11.6 | 12.3 | 17.8 | 15.7 |
| 11.4 | 13.5 | 11.4 | 12.2 | 11.0 | 11.9 | 9.4  |
| 0.3  | 0.4  | 0.6  | 0.8  | 0.6  | 0.5  | 0.4  |
| 6.5  | 6.8  | 6.5  | 7.6  | 10.4 | 7.7  | 4.5  |
| 9.2  | 9.7  | 8.0  | 8.3  | 9.4  | 8.7  | 13.0 |
| 27.3 | 16.9 | 21.1 | 17.7 | 7.1  | 14.2 | 2.1  |
| 2.7  | 3.6  | 2.8  | 3.5  | 2.1  | 2.2  | 3.6  |
| 2.3  | 1.9  | 2.3  | 2.4  | 1.6  | 2.3  | 3.1  |
| 1.0  | 2.2  | 2.7  | 1.4  | 1.4  | 1.4  | 3.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.2  | 0.0  |
| 0.5  | 0.5  | 1.0  | 0.8  | 0.3  | 0.6  | 1.1  |
| 0.1  | 0.1  | 0.2  | 0.2  | 0.2  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.0  |
| 3.5  | 4.0  | 4.0  | 4.2  | 5.2  | 4.6  | 3.5  |
| 5.1  | 5.0  | 4.9  | 6.0  | 7.9  | 6.9  | 3.2  |
| 0.1  | 0.0  | 0.2  | 0.2  | 0.2  | 0.2  | 0.0  |
| 7.8  | 6.0  | 9.0  | 9.9  | 9.6  | 8.3  | 10.0 |
| 0.7  | 0.7  | 0.7  | 0.6  | 0.7  | 1.1  | 0.6  |
| 0.1  | 0.0  | 0.2  | 0.4  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 1.7  | 2.0  | 1.7  | 1.7  | 3.3  | 2.7  | 1.1  |
| 0.0  | 0.0  | 0.2  | 0.4  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.7  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.1  | 0.6  | 0.3  | 0.2  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.6  | 0.1  | 0.1  | 0.0  |
| 23.9 | 23.5 | 22.3 | 29.0 | 27.1 | 22.2 | 35.1 |
| 4.0  | 5.8  | 5.4  | 5.0  | 5.1  | 4.8  | 4.2  |
| 4.9  | 5.8  | 5.5  | 5.0  | 6.5  | 6.4  | 5.1  |
| 5.9  | 6.3  | 3.9  | 4.0  | 4.7  | 8.6  | 5.1  |
| 1.8  | 4.0  | 5.0  | 4.3  | 2.1  | 3.2  | 1.4  |
| 0.2  | 0.2  | 0.7  | 0.7  | 0.2  | 0.1  | 0.0  |
| 1.4  | 1.6  | 1.4  | 2.0  | 1.1  | 1.4  | 0.8  |
| 0.1  | 0.5  | 0.5  | 0.7  | 0.2  | 0.3  | 0.7  |
| 0.2  | 0.0  | 0.3  | 0.5  | 0.1  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.2  | 0.0  | 0.0  |
| 1.8  | 3.8  | 4.0  | 4.0  | 3.5  | 5.3  | 2.2  |

|          |         |         |         |         |         |         |
|----------|---------|---------|---------|---------|---------|---------|
| 7.8      | 12.3    | 12.2    | 12.2    | 10.1    | 9.7     | 13.8    |
| 4.3      | 6.6     | 6.2     | 9.7     | 7.4     | 4.8     | 7.6     |
| 19.7     | 21.1    | 13.1    | 13.8    | 23.4    | 25.4    | 15.0    |
| 31.5     | 33.4    | 15.2    | 14.8    | 24.5    | 37.2    | 13.3    |
| 0.0      | 0.1     | 0.2     | 0.1     | 0.2     | 0.0     | 0.0     |
| 0.3      | 0.0     | 0.0     | 0.7     | 0.0     | 0.0     | 0.0     |
| 25.6     | 27.4    | 26.4    | 27.7    | 29.6    | 31.7    | 30.7    |
| 12.4     | 16.0    | 12.4    | 11.2    | 17.6    | 16.2    | 3.9     |
| 3.8      | 3.4     | 2.7     | 2.2     | 3.7     | 3.1     | 0.8     |
| 9.3      | 10.8    | 10.8    | 11.8    | 13.2    | 8.1     | 5.6     |
| 0.2      | 0.1     | 0.1     | 0.2     | 0.2     | 0.2     | 0.0     |
| 0.0      | 0.1     | 0.1     | 0.2     | 0.3     | 0.3     | 0.0     |
| 0.0      | 0.1     | 0.1     | 0.1     | 0.0     | 0.3     | 0.0     |
| 0.6      | 0.4     | 0.4     | 0.3     | 0.4     | 0.5     | 0.0     |
| 1.2      | 1.1     | 1.0     | 1.1     | 1.4     | 1.6     | 0.0     |
| 4.4      | 4.7     | 5.5     | 5.4     | 6.2     | 4.1     | 2.4     |
| 0.0      | 0.1     | 0.1     | 0.1     | 0.0     | 0.0     | 0.0     |
| 7.2      | 8.0     | 9.2     | 8.8     | 10.6    | 10.8    | 5.7     |
| 0.0      | 0.0     | 0.0     | 0.1     | 0.0     | 0.0     | 0.0     |
| 0.1      | 0.2     | 0.3     | 0.3     | 0.1     | 0.1     | 0.0     |
| 0.2      | 0.3     | 1.0     | 0.5     | 0.0     | 0.2     | 0.0     |
| 5.6      | 8.4     | 10.3    | 12.8    | 9.8     | 15.4    | 1.7     |
| 16.3     | 18.6    | 18.3    | 19.7    | 22.7    | 16.3    | 7.1     |
| 1.3      | 1.4     | 1.6     | 1.7     | 1.9     | 1.9     | 1.6     |
| 1.1      | 1.2     | 1.1     | 1.0     | 1.3     | 1.4     | 1.2     |
| 0.1      | 0.1     | 0.1     | 0.1     | 0.2     | 0.1     | 0.0     |
| 0.2      | 0.1     | 0.5     | 0.1     | 0.1     | 0.2     | 0.0     |
| 11.2     | 8.7     | 8.3     | 10.2    | 9.4     | 7.2     | 6.2     |
| 5.5      | 7.7     | 5.7     | 5.8     | 8.7     | 8.1     | 4.1     |
| 0.2      | 0.1     | 0.2     | 0.1     | 0.2     | 0.1     | 0.0     |
| 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 0.0      | 0.0     | 0.0     | 0.0     | 0.1     | 0.2     | 0.0     |
| 1.6      | 2.2     | 3.6     | 3.9     | 1.7     | 2.8     | 2.5     |
| 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 0.3      | 1.5     | 1.0     | 1.2     | 0.0     | 0.4     | 0.0     |
| 0.0      | 0.1     | 0.1     | 0.0     | 0.0     | 0.0     | 0.0     |
| 4.9      | 6.1     | 4.1     | 4.0     | 6.9     | 7.5     | 4.2     |
| 0.0      | 0.0     | 0.0     | 0.2     | 0.3     | 0.0     | 0.0     |
| 117433.4 | 16312.9 | 61520.1 | 5456.0  | 24687.6 | 20597.3 | 14451.7 |
| 28488.0  | 12425.2 | 17887.4 | 14218.3 | 4132.7  | 5333.4  | 29947.5 |
| 44607.6  | 14087.8 | 32817.6 | 18528.2 | 5928.6  | 17667.1 | 31784.5 |
| 29377.5  | 93909.3 | 37244.7 | 3595.7  | 17941.5 | 21283.7 | 24796.8 |
| 49587.4  | 14831.3 | 47182.1 | 56015.4 | 19648.9 | 15340.5 | 54884.1 |
| 84766.8  | 6706.2  | 45202.6 | 34934.7 | 18350.8 | 22748.8 | 26509.3 |
| 52956.1  | 20299.5 | 34898.2 | 13876.9 | 10269.4 | 38158.1 | 65476.0 |
| 1.8      | 3.3     | 3.4     | 4.0     | 2.6     | 2.6     | 4.1     |
| 86361.7  | 19374.1 | 7950.9  | 10221.8 | 15645.9 | 17047.9 | 40089.4 |



|          |         |          |         |         |         |          |
|----------|---------|----------|---------|---------|---------|----------|
| 20688.9  | 8556.0  | 6146.0   | 23947.7 | 72953.6 | 4673.6  | 17815.6  |
| 54404.4  | 21836.8 | 17040.9  | 14468.2 | 22921.9 | 23410.2 | 14329.4  |
| 30031.6  | 12813.7 | 70050.7  | 5325.9  | 21985.7 | 33157.7 | 92308.6  |
| 152664.0 | 30074.9 | 25291.3  | 8441.7  | 7928.5  | 26983.0 | 49058.4  |
| 19901.1  | 16507.1 | 20702.0  | 3317.7  | 19152.2 | 17596.7 | 15705.5  |
| 61185.4  | 21986.0 | 19311.1  | 25896.5 | 3906.5  | 69842.8 | 65967.5  |
| 0.5      | 0.3     | 0.6      | 0.8     | 0.6     | 0.3     | 0.8      |
| 51468.3  | 46075.2 | 177665.3 | 53649.2 | 4985.4  | 9261.2  | 23768.0  |
| 23454.7  | 26098.0 | 17414.1  | 12449.6 | 21454.8 | 19297.9 | 53381.2  |
| 51429.3  | 10946.2 | 63106.0  | 12646.4 | 32142.5 | 23432.1 | 130873.4 |
| 0.0      | 0.1     | 0.1      | 0.1     | 0.1     | 0.2     | 0.1      |
| 1.5      | 1.9     | 2.3      | 1.5     | 3.4     | 3.7     | 3.2      |
| 9.6      | 12.6    | 14.3     | 15.3    | 12.6    | 11.1    | 11.1     |
| 5.8      | 7.5     | 3.0      | 3.3     | 12.0    | 3.7     | 1.5      |
| 1.1      | 1.0     | 1.2      | 2.5     | 1.3     | 1.8     | 2.6      |
| 0.0      | 0.0     | 0.2      | 0.1     | 0.0     | 0.0     | 0.0      |
| 0.0      | 0.0     | 0.1      | 0.1     | 0.0     | 0.0     | 0.0      |
| 1.0      | 1.3     | 1.3      | 1.5     | 0.7     | 0.5     | 0.6      |
| 1.1      | 2.7     | 4.2      | 3.8     | 1.8     | 2.7     | 1.7      |
| 1.4      | 1.7     | 1.7      | 2.1     | 2.0     | 2.4     | 2.6      |
| 0.9      | 1.1     | 0.9      | 0.9     | 1.9     | 1.5     | 0.4      |
| 3.2      | 3.0     | 2.3      | 2.2     | 2.8     | 4.0     | 1.0      |
| 0.4      | 0.6     | 0.6      | 0.5     | 0.7     | 0.3     | 0.3      |
| 42.3     | 46.3    | 56.7     | 60.5    | 40.9    | 53.5    | 73.7     |
| 0.0      | 0.0     | 0.2      | 0.3     | 0.0     | 0.4     | 0.0      |
| 0.3      | 0.9     | 0.5      | 0.4     | 1.3     | 0.9     | 1.8      |
| 0.0      | 0.0     | 0.0      | 0.1     | 0.0     | 0.3     | 0.0      |
| 28.6     | 32.3    | 30.5     | 31.8    | 34.3    | 33.6    | 41.3     |
| 5.5      | 6.2     | 5.8      | 4.1     | 7.2     | 6.9     | 3.2      |
| 0.4      | 0.6     | 1.0      | 1.2     | 0.5     | 0.6     | 0.1      |
| 7.2      | 12.7    | 10.1     | 10.4    | 12.0    | 11.7    | 5.2      |
| 1.1      | 1.7     | 2.2      | 2.5     | 2.4     | 1.9     | 1.9      |
| 0.4      | 0.5     | 0.7      | 0.7     | 0.5     | 0.4     | 0.0      |
| 16.1     | 12.9    | 12.4     | 18.7    | 16.3    | 18.5    | 19.9     |
| 12.7     | 11.7    | 22.1     | 23.0    | 20.8    | 14.0    | 19.6     |
| 0.2      | 0.2     | 0.5      | 0.8     | 0.2     | 0.5     | 0.0      |
| 0.1      | 0.2     | 0.3      | 0.0     | 0.1     | 0.5     | 0.0      |
| 2.0      | 3.6     | 3.1      | 3.0     | 3.2     | 2.8     | 2.0      |
| 0.6      | 0.8     | 2.5      | 2.9     | 0.7     | 2.6     | 0.7      |
| 1.4      | 2.3     | 4.2      | 4.5     | 2.5     | 2.5     | 1.4      |
| 3.7      | 4.9     | 3.5      | 4.1     | 5.0     | 6.2     | 2.4      |
| 3.4      | 4.2     | 6.3      | 7.2     | 5.2     | 6.1     | 4.1      |
| 0.5      | 1.2     | 2.4      | 2.0     | 1.2     | 1.5     | 1.8      |
| 5.1      | 5.3     | 4.6      | 4.0     | 6.5     | 8.2     | 2.3      |
| 0.1      | 0.1     | 0.2      | 0.3     | 0.1     | 0.1     | 0.0      |
| 0.0      | 0.0     | 0.6      | 0.2     | 0.1     | 0.0     | 0.0      |
| 0.3      | 0.4     | 0.9      | 0.9     | 0.5     | 1.9     | 0.0      |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 5.6  | 5.3  | 6.9  | 6.5  | 6.8  | 8.6  | 3.8  |
| 1.4  | 1.6  | 1.6  | 1.5  | 2.3  | 3.1  | 1.8  |
| 0.3  | 0.3  | 0.4  | 0.2  | 0.3  | 0.4  | 0.0  |
| 0.1  | 0.2  | 0.3  | 0.5  | 0.4  | 0.2  | 0.1  |
| 5.1  | 7.0  | 4.4  | 4.9  | 6.8  | 6.3  | 0.9  |
| 0.1  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  |
| 1.6  | 2.2  | 3.7  | 3.8  | 1.7  | 2.2  | 7.0  |
| 0.0  | 0.1  | 0.3  | 0.1  | 0.0  | 0.1  | 0.0  |
| 3.3  | 3.0  | 3.6  | 3.5  | 3.9  | 4.0  | 2.7  |
| 47.8 | 55.7 | 58.0 | 72.3 | 49.8 | 73.8 | 84.9 |
| 1.2  | 1.7  | 3.0  | 2.4  | 2.0  | 1.6  | 0.8  |
| 1.7  | 3.4  | 6.0  | 6.4  | 3.6  | 4.9  | 1.1  |
| 2.9  | 2.9  | 3.4  | 2.5  | 3.8  | 3.0  | 0.8  |
| 2.7  | 2.7  | 4.1  | 4.5  | 3.7  | 3.8  | 3.9  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.0  | 0.3  | 0.9  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.2  | 0.6  | 0.6  | 0.3  | 0.2  | 0.0  |
| 0.4  | 0.4  | 0.5  | 0.4  | 0.5  | 0.7  | 0.8  |
| 19.3 | 25.4 | 31.3 | 31.8 | 32.7 | 26.2 | 24.4 |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.2  | 0.0  |
| 1.1  | 1.0  | 0.8  | 0.9  | 1.6  | 1.4  | 0.4  |
| 0.7  | 1.9  | 3.6  | 3.1  | 1.4  | 2.8  | 0.3  |
| 0.1  | 0.5  | 0.5  | 0.4  | 0.6  | 0.4  | 0.0  |
| 0.3  | 0.3  | 0.7  | 0.5  | 0.3  | 0.2  | 0.1  |
| 3.2  | 3.2  | 3.7  | 4.1  | 4.0  | 5.8  | 5.9  |
| 0.9  | 2.0  | 5.8  | 4.4  | 1.8  | 3.2  | 0.2  |
| 9.8  | 16.8 | 18.4 | 14.8 | 12.2 | 19.5 | 11.3 |
| 0.1  | 0.2  | 0.3  | 0.3  | 0.2  | 0.2  | 0.1  |
| 2.0  | 3.3  | 1.8  | 3.1  | 3.3  | 3.1  | 1.8  |
| 5.0  | 5.7  | 6.6  | 7.4  | 8.0  | 5.4  | 5.2  |
| 0.7  | 0.7  | 0.7  | 1.1  | 0.8  | 0.9  | 0.9  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3.0  | 2.7  | 2.9  | 4.2  | 4.0  | 4.4  | 6.1  |
| 7.2  | 6.4  | 4.3  | 6.3  | 6.8  | 10.7 | 12.4 |
| 0.2  | 0.2  | 0.4  | 0.4  | 0.1  | 0.1  | 0.1  |
| 1.0  | 2.6  | 5.8  | 6.2  | 2.2  | 5.7  | 1.9  |
| 21.4 | 27.2 | 43.3 | 45.2 | 37.0 | 29.7 | 24.6 |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 1.3  | 2.5  | 2.6  | 1.8  | 3.1  | 2.8  | 2.3  |
| 10.7 | 13.3 | 8.0  | 8.9  | 14.0 | 11.6 | 7.9  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 6.8  | 9.3  | 9.9  | 11.0 | 11.4 | 12.2 | 6.5  |
| 14.2 | 15.1 | 16.7 | 17.9 | 18.9 | 20.5 | 30.9 |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 4.0  | 4.6  | 5.0  | 5.9  | 6.3  | 6.5  | 6.3  |
| 1.6  | 1.6  | 1.9  | 1.8  | 1.9  | 2.4  | 1.5  |
| 0.1  | 0.1  | 0.2  | 0.3  | 0.1  | 0.2  | 0.1  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3.1  | 3.9  | 4.8  | 4.3  | 5.0  | 3.9  | 2.3  |
| 2.5  | 2.4  | 2.3  | 2.2  | 4.2  | 2.1  | 0.3  |
| 2.2  | 3.6  | 3.2  | 2.9  | 3.9  | 2.6  | 0.7  |
| 0.2  | 0.2  | 0.2  | 0.2  | 0.1  | 0.0  | 0.0  |
| 0.8  | 1.8  | 2.3  | 2.5  | 1.6  | 2.1  | 1.2  |
| 1.5  | 2.2  | 1.6  | 1.3  | 2.4  | 2.0  | 2.6  |
| 4.5  | 7.6  | 11.1 | 9.6  | 6.0  | 8.9  | 3.4  |
| 0.3  | 0.3  | 0.8  | 0.7  | 0.5  | 1.2  | 0.5  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.5  | 0.0  |
| 2.7  | 3.2  | 4.0  | 4.2  | 5.5  | 4.5  | 4.1  |
| 0.3  | 0.0  | 0.0  | 1.3  | 0.5  | 0.4  | 4.5  |
| 0.5  | 0.5  | 1.1  | 0.6  | 0.4  | 0.7  | 2.8  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 5.0  | 6.6  | 6.1  | 4.3  | 8.8  | 8.2  | 3.9  |
| 0.2  | 0.2  | 0.4  | 0.3  | 0.5  | 0.2  | 0.0  |
| 0.5  | 1.1  | 0.8  | 0.5  | 0.6  | 0.8  | 0.7  |
| 3.4  | 4.5  | 5.9  | 5.0  | 5.7  | 5.9  | 1.4  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 1.3  | 0.8  | 0.2  | 0.0  | 0.0  |
| 0.2  | 0.2  | 0.4  | 0.3  | 0.6  | 0.5  | 0.0  |
| 0.3  | 0.5  | 1.0  | 1.0  | 0.6  | 0.3  | 0.4  |
| 1.0  | 0.8  | 0.4  | 0.2  | 1.5  | 1.5  | 0.4  |
| 2.0  | 1.9  | 2.4  | 2.6  | 2.4  | 3.7  | 2.9  |
| 12.9 | 22.2 | 21.2 | 25.4 | 20.0 | 19.7 | 19.0 |
| 1.6  | 3.0  | 4.7  | 2.4  | 1.5  | 5.2  | 0.6  |
| 1.8  | 2.7  | 2.2  | 2.3  | 2.8  | 2.5  | 0.8  |
| 3.3  | 4.1  | 4.6  | 5.3  | 4.1  | 4.1  | 4.9  |
| 0.7  | 0.8  | 0.7  | 0.7  | 0.8  | 1.4  | 0.0  |
| 0.2  | 0.6  | 1.2  | 1.1  | 0.6  | 0.7  | 0.1  |
| 0.1  | 0.1  | 0.4  | 0.3  | 0.1  | 0.2  | 0.0  |
| 7.8  | 8.5  | 5.8  | 9.1  | 12.0 | 7.8  | 10.1 |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  |
| 4.3  | 5.0  | 7.9  | 8.9  | 7.9  | 8.0  | 7.9  |
| 1.0  | 2.2  | 3.7  | 3.8  | 2.6  | 3.2  | 0.0  |
| 0.7  | 0.8  | 1.1  | 0.9  | 1.5  | 1.1  | 0.5  |
| 53.4 | 42.4 | 43.9 | 51.7 | 67.0 | 60.3 | 58.0 |
| 1.9  | 1.9  | 1.9  | 2.1  | 2.5  | 2.6  | 2.5  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.4  | 0.5  | 0.7  | 1.0  | 0.7  | 0.5  | 0.4  |
| 3.9  | 6.5  | 9.1  | 6.3  | 5.4  | 7.7  | 0.5  |
| 1.9  | 2.4  | 3.1  | 2.2  | 3.1  | 2.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.1  |
| 16.2 | 21.8 | 20.8 | 19.4 | 16.1 | 18.5 | 17.2 |
| 3.0  | 4.0  | 3.3  | 4.4  | 3.6  | 4.0  | 3.8  |
| 18.9 | 20.8 | 14.6 | 14.2 | 26.5 | 21.2 | 13.0 |
| 0.1  | 0.5  | 0.5  | 0.3  | 0.1  | 0.8  | 0.1  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 9.9  | 10.4 | 4.5  | 4.7  | 15.5 | 13.4 | 6.1  |
| 1.9  | 2.9  | 2.8  | 3.0  | 3.2  | 3.8  | 2.8  |
| 0.3  | 1.4  | 3.0  | 2.6  | 1.2  | 1.1  | 0.8  |
| 0.2  | 0.2  | 0.2  | 0.4  | 0.3  | 0.2  | 0.2  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 3.2  | 4.7  | 4.5  | 5.7  | 6.2  | 3.8  | 5.2  |
| 0.0  | 0.0  | 0.3  | 0.5  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.4  | 0.2  | 0.2  | 0.2  | 0.0  |
| 8.1  | 7.7  | 6.8  | 8.1  | 12.1 | 9.2  | 9.9  |
| 0.0  | 0.2  | 0.5  | 0.3  | 0.1  | 0.2  | 0.0  |
| 2.7  | 3.2  | 5.2  | 5.8  | 3.5  | 3.8  | 2.6  |
| 16.2 | 19.2 | 24.1 | 28.2 | 23.3 | 18.6 | 20.5 |
| 5.6  | 6.8  | 9.2  | 10.7 | 7.1  | 11.5 | 8.8  |
| 0.6  | 0.5  | 1.1  | 0.8  | 0.9  | 0.9  | 0.1  |
| 0.2  | 0.2  | 0.2  | 0.3  | 0.1  | 0.1  | 0.0  |
| 32.1 | 49.2 | 48.3 | 49.7 | 38.8 | 41.8 | 40.3 |
| 0.0  | 0.0  | 0.5  | 0.4  | 0.1  | 0.1  | 0.0  |
| 11.4 | 13.5 | 16.5 | 18.9 | 15.8 | 14.2 | 18.8 |
| 9.0  | 10.3 | 11.1 | 11.2 | 9.9  | 12.6 | 10.7 |
| 8.4  | 10.4 | 6.6  | 6.3  | 9.9  | 14.4 | 9.0  |
| 0.3  | 0.3  | 0.2  | 0.5  | 0.6  | 0.7  | 0.0  |
| 4.4  | 5.5  | 7.5  | 7.7  | 6.6  | 8.5  | 7.2  |
| 0.0  | 0.2  | 0.6  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 3.0  | 3.4  | 3.9  | 5.5  | 4.7  | 4.1  | 8.1  |
| 0.1  | 0.0  | 0.3  | 0.2  | 0.1  | 0.4  | 0.4  |
| 7.6  | 11.1 | 9.8  | 12.3 | 10.0 | 12.3 | 16.7 |
| 1.1  | 1.2  | 1.4  | 1.5  | 1.1  | 1.9  | 0.0  |
| 18.5 | 22.7 | 25.1 | 27.5 | 25.6 | 20.9 | 21.0 |
| 7.3  | 11.0 | 10.8 | 10.8 | 10.1 | 8.3  | 4.3  |
| 0.5  | 0.7  | 1.0  | 0.8  | 0.6  | 0.6  | 0.7  |
| 0.0  | 0.1  | 0.4  | 0.4  | 0.1  | 0.0  | 0.0  |
| 7.4  | 7.4  | 7.5  | 8.9  | 8.7  | 7.7  | 5.2  |
| 0.3  | 0.3  | 0.5  | 0.5  | 0.5  | 0.7  | 0.4  |
| 25.8 | 32.1 | 35.2 | 36.1 | 27.4 | 29.4 | 34.9 |
| 2.8  | 3.7  | 3.4  | 3.0  | 4.3  | 4.0  | 2.8  |
| 0.0  | 0.0  | 0.3  | 0.3  | 0.2  | 0.0  | 0.0  |
| 1.4  | 1.6  | 2.5  | 2.5  | 1.9  | 2.9  | 1.9  |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.3  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.4  | 0.2  | 0.0  | 0.1  | 0.0  |
| 2.3  | 2.2  | 2.2  | 2.3  | 3.1  | 2.6  | 2.6  |
| 0.1  | 0.0  | 0.1  | 0.1  | 0.1  | 0.3  | 0.0  |
| 9.3  | 9.6  | 10.6 | 12.1 | 11.4 | 10.5 | 11.9 |
| 2.9  | 4.7  | 3.3  | 3.6  | 4.3  | 2.9  | 0.9  |
| 0.1  | 0.2  | 0.2  | 0.8  | 0.0  | 0.8  | 0.0  |
| 2.3  | 2.3  | 3.0  | 3.8  | 4.0  | 3.1  | 0.9  |
| 0.5  | 0.6  | 0.5  | 0.4  | 1.1  | 0.8  | 0.3  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 27.9 | 59.1 | 35.5 | 47.4 | 30.7 | 32.0 | 32.8 |
| 31.0 | 40.8 | 35.5 | 43.1 | 37.6 | 33.3 | 27.6 |
| 0.2  | 0.2  | 0.3  | 0.3  | 0.0  | 0.1  | 0.0  |
| 3.3  | 4.9  | 4.6  | 5.9  | 5.5  | 5.9  | 5.1  |
| 0.2  | 0.4  | 0.6  | 0.6  | 0.2  | 0.4  | 0.2  |
| 1.2  | 1.3  | 1.7  | 1.9  | 2.3  | 1.4  | 2.3  |
| 17.8 | 26.1 | 22.9 | 26.6 | 27.3 | 25.5 | 16.6 |
| 0.2  | 0.0  | 0.2  | 0.4  | 0.0  | 0.3  | 0.1  |
| 1.2  | 2.2  | 2.4  | 2.6  | 1.8  | 2.0  | 1.0  |
| 5.8  | 8.9  | 6.6  | 6.2  | 11.7 | 10.0 | 1.1  |
| 0.1  | 0.5  | 1.0  | 0.8  | 0.6  | 1.3  | 0.1  |
| 6.3  | 5.4  | 5.1  | 4.1  | 8.6  | 6.2  | 4.1  |
| 0.0  | 0.0  | 0.3  | 0.4  | 0.1  | 0.0  | 0.0  |
| 0.5  | 1.0  | 1.0  | 1.2  | 1.0  | 1.2  | 0.3  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  |
| 8.7  | 9.5  | 11.7 | 12.0 | 13.0 | 12.9 | 12.0 |
| 3.9  | 4.8  | 4.0  | 4.2  | 4.5  | 3.3  | 5.3  |
| 0.3  | 0.0  | 1.0  | 0.4  | 0.3  | 0.4  | 2.5  |
| 0.3  | 0.2  | 0.6  | 0.3  | 0.2  | 0.3  | 0.0  |
| 0.9  | 0.8  | 2.6  | 2.0  | 1.9  | 1.1  | 1.5  |
| 0.1  | 0.1  | 0.3  | 0.2  | 0.2  | 0.6  | 0.0  |
| 0.0  | 0.2  | 0.4  | 0.6  | 0.7  | 0.3  | 0.0  |
| 0.1  | 0.1  | 0.7  | 0.8  | 0.3  | 0.4  | 0.0  |
| 0.3  | 0.0  | 0.5  | 0.7  | 0.0  | 0.3  | 0.0  |
| 0.2  | 0.3  | 1.2  | 0.6  | 0.9  | 0.9  | 0.7  |
| 4.8  | 6.3  | 5.5  | 4.5  | 6.5  | 6.7  | 2.3  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.8  | 0.8  | 0.4  | 1.0  | 0.5  | 0.5  | 0.0  |
| 2.2  | 2.5  | 2.9  | 3.0  | 5.2  | 3.2  | 0.6  |
| 0.0  | 0.1  | 0.2  | 0.4  | 0.0  | 0.3  | 0.0  |
| 21.6 | 25.2 | 16.5 | 18.9 | 27.5 | 25.0 | 8.6  |
| 0.6  | 0.8  | 0.4  | 0.8  | 1.2  | 0.8  | 0.2  |
| 1.5  | 1.7  | 1.6  | 1.2  | 2.5  | 1.7  | 1.3  |
| 1.5  | 1.9  | 2.2  | 2.2  | 2.0  | 2.2  | 1.7  |
| 0.9  | 1.4  | 1.1  | 1.1  | 1.5  | 1.3  | 0.4  |
| 56.0 | 79.3 | 73.5 | 69.8 | 98.4 | 98.7 | 90.6 |
| 0.0  | 0.0  | 0.4  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.3  | 0.4  | 1.0  | 0.8  | 0.8  | 0.4  | 1.0  |
| 11.3 | 14.6 | 15.6 | 14.4 | 11.3 | 12.1 | 10.6 |
| 0.7  | 0.1  | 0.6  | 0.4  | 0.5  | 0.2  | 0.0  |
| 0.2  | 0.1  | 0.3  | 0.4  | 0.1  | 0.2  | 0.0  |
| 39.7 | 27.2 | 28.3 | 32.2 | 37.6 | 37.2 | 29.6 |
| 0.2  | 0.2  | 0.4  | 0.4  | 0.2  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.9  | 0.7  | 0.0  | 0.4  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.3  | 1.5  | 1.8  | 1.4  | 1.9  | 2.1  | 0.3  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 10.6  | 11.1  | 14.9  | 17.4  | 10.9  | 13.2  | 17.4  |
| 138.8 | 154.0 | 139.9 | 149.4 | 133.7 | 139.8 | 118.5 |
| 5.0   | 7.9   | 6.0   | 6.1   | 6.8   | 9.5   | 5.2   |
| 2.8   | 3.3   | 3.7   | 5.3   | 2.8   | 4.0   | 2.8   |
| 0.0   | 0.0   | 0.2   | 0.2   | 0.1   | 0.0   | 0.0   |
| 4.3   | 8.7   | 6.4   | 8.3   | 8.4   | 8.9   | 7.3   |
| 0.5   | 0.9   | 2.3   | 0.4   | 1.2   | 0.0   | 0.0   |
| 0.6   | 0.2   | 0.0   | 0.1   | 0.2   | 1.6   | 0.0   |
| 1.8   | 2.9   | 3.0   | 2.4   | 3.0   | 1.7   | 3.2   |
| 0.2   | 0.3   | 0.2   | 0.2   | 0.2   | 0.3   | 0.0   |
| 1.4   | 2.2   | 1.4   | 1.3   | 2.0   | 2.4   | 1.5   |
| 0.0   | 0.0   | 0.3   | 0.1   | 0.0   | 0.5   | 0.0   |
| 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 35.7  | 57.1  | 48.5  | 52.4  | 51.1  | 48.3  | 60.2  |
| 0.1   | 0.2   | 0.5   | 0.4   | 0.2   | 0.6   | 0.2   |
| 0.1   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 1.9   | 1.6   | 2.0   | 1.7   | 2.2   | 2.3   | 1.7   |
| 2.7   | 3.5   | 4.0   | 4.2   | 4.6   | 3.6   | 1.8   |
| 0.2   | 0.8   | 2.0   | 1.6   | 1.1   | 1.4   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.8   | 1.2   | 1.0   | 1.1   | 1.2   | 1.1   | 0.3   |
| 0.0   | 0.0   | 0.6   | 0.2   | 0.0   | 0.0   | 0.0   |
| 11.5  | 15.6  | 11.7  | 12.5  | 13.2  | 16.8  | 11.6  |
| 1.7   | 2.6   | 2.5   | 1.7   | 2.4   | 2.2   | 0.7   |
| 0.0   | 0.2   | 0.4   | 0.3   | 0.2   | 0.0   | 0.0   |
| 24.1  | 29.0  | 28.3  | 25.2  | 28.4  | 24.8  | 28.1  |
| 78.2  | 85.0  | 92.2  | 98.1  | 97.9  | 92.3  | 81.2  |
| 1.2   | 1.8   | 1.8   | 2.0   | 2.2   | 2.2   | 1.0   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 1.1   | 2.2   | 2.3   | 2.8   | 1.8   | 2.8   | 1.9   |
| 0.0   | 0.1   | 0.0   | 0.7   | 0.3   | 0.6   | 0.0   |
| 0.1   | 0.0   | 1.0   | 0.5   | 0.1   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.3   | 0.0   | 0.1   | 0.0   |
| 0.7   | 1.5   | 3.1   | 3.2   | 0.6   | 1.6   | 1.5   |
| 0.3   | 0.5   | 1.6   | 1.7   | 0.5   | 0.6   | 0.3   |
| 3.6   | 3.7   | 4.4   | 3.9   | 5.8   | 4.0   | 4.2   |
| 3.5   | 4.9   | 4.3   | 4.9   | 6.2   | 3.7   | 3.2   |
| 2.5   | 3.0   | 2.9   | 3.3   | 4.2   | 3.2   | 2.8   |
| 0.6   | 0.8   | 0.9   | 1.1   | 0.9   | 0.5   | 0.3   |
| 98.1  | 105.6 | 95.2  | 85.7  | 124.4 | 125.4 | 44.9  |
| 0.0   | 0.0   | 0.3   | 0.2   | 0.1   | 0.0   | 0.0   |
| 0.1   | 0.1   | 0.7   | 0.6   | 0.1   | 0.3   | 0.0   |
| 0.8   | 1.0   | 0.9   | 0.9   | 0.6   | 1.1   | 1.3   |
| 4.0   | 2.8   | 3.9   | 3.6   | 3.3   | 4.7   | 4.0   |
| 0.0   | 0.1   | 0.3   | 0.2   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.2   | 0.0   | 0.0   |
| 8.3   | 10.5  | 13.1  | 13.7  | 10.5  | 11.8  | 10.5  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 2.6  | 3.7  | 6.1  | 5.7  | 3.2  | 6.1  | 1.7  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  |
| 8.5  | 8.9  | 6.9  | 7.3  | 15.4 | 12.2 | 15.1 |
| 2.6  | 3.9  | 6.1  | 4.5  | 3.6  | 2.9  | 4.7  |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.4  | 0.2  | 0.1  | 0.2  | 0.0  |
| 0.2  | 0.1  | 0.3  | 0.8  | 0.2  | 0.2  | 0.0  |
| 0.7  | 0.5  | 0.4  | 0.5  | 0.5  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 7.2  | 9.4  | 6.8  | 8.5  | 10.1 | 10.6 | 5.5  |
| 0.1  | 0.2  | 1.4  | 1.0  | 0.1  | 0.7  | 0.0  |
| 0.0  | 0.0  | 0.4  | 0.2  | 0.0  | 0.9  | 0.0  |
| 0.1  | 0.2  | 0.4  | 0.3  | 0.2  | 0.4  | 0.0  |
| 1.1  | 1.5  | 1.3  | 1.2  | 2.1  | 1.6  | 0.1  |
| 10.0 | 10.5 | 8.8  | 9.8  | 12.8 | 9.6  | 9.5  |
| 0.2  | 0.0  | 0.5  | 0.6  | 0.0  | 0.4  | 0.0  |
| 1.3  | 1.1  | 1.0  | 1.4  | 1.4  | 0.9  | 0.2  |
| 0.1  | 0.1  | 0.4  | 0.9  | 0.3  | 0.6  | 0.0  |
| 2.8  | 2.4  | 3.6  | 5.0  | 4.7  | 3.4  | 3.9  |
| 0.0  | 0.0  | 0.4  | 0.3  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.4  | 0.5  | 0.1  | 0.8  | 0.0  |
| 1.5  | 1.3  | 1.7  | 1.7  | 1.8  | 2.2  | 1.0  |
| 3.0  | 4.0  | 4.0  | 3.1  | 5.1  | 4.5  | 5.5  |
| 0.2  | 0.0  | 1.2  | 1.1  | 0.7  | 1.1  | 0.0  |
| 2.9  | 5.3  | 4.6  | 5.3  | 6.9  | 5.9  | 2.3  |
| 1.3  | 2.5  | 3.0  | 3.6  | 3.1  | 4.4  | 1.8  |
| 38.1 | 27.0 | 33.5 | 36.9 | 33.3 | 30.3 | 45.0 |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.2  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.5  | 0.2  | 0.0  | 0.2  | 0.0  |
| 7.0  | 6.7  | 7.6  | 8.3  | 9.9  | 12.8 | 7.3  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.2  | 0.1  | 0.0  |
| 0.3  | 0.9  | 1.6  | 1.5  | 0.5  | 1.4  | 0.1  |
| 0.6  | 0.9  | 1.0  | 0.8  | 1.0  | 0.6  | 0.6  |
| 7.2  | 5.5  | 7.7  | 8.4  | 7.1  | 8.4  | 12.1 |
| 3.8  | 4.6  | 8.1  | 7.7  | 5.8  | 5.8  | 2.8  |
| 23.3 | 25.2 | 25.8 | 35.2 | 25.3 | 28.2 | 49.3 |
| 7.9  | 10.3 | 10.9 | 11.1 | 8.5  | 8.5  | 9.2  |
| 0.4  | 1.5  | 3.0  | 3.9  | 1.1  | 1.8  | 0.4  |
| 15.8 | 29.4 | 24.1 | 27.0 | 26.9 | 25.5 | 31.3 |
| 0.1  | 0.1  | 0.4  | 0.3  | 0.0  | 0.0  | 0.3  |
| 0.2  | 0.3  | 0.5  | 0.7  | 0.4  | 0.8  | 0.9  |
| 0.1  | 0.1  | 0.4  | 0.4  | 0.2  | 0.2  | 0.0  |
| 39.4 | 48.1 | 41.2 | 40.5 | 47.1 | 43.3 | 37.6 |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.7   | 0.3   | 0.5   | 1.2   | 0.8   | 0.6   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.8   | 1.0   | 0.1   | 0.6   | 0.0   |
| 1.0   | 1.3   | 1.6   | 2.0   | 1.4   | 1.8   | 3.2   |
| 0.6   | 0.9   | 0.4   | 0.4   | 0.6   | 1.4   | 0.5   |
| 0.6   | 0.7   | 1.9   | 1.4   | 2.7   | 1.2   | 0.0   |
| 3.0   | 2.6   | 3.1   | 3.5   | 4.2   | 4.2   | 3.2   |
| 0.0   | 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.9   | 0.8   | 0.7   | 0.7   | 1.4   | 1.2   | 0.3   |
| 0.1   | 0.5   | 1.0   | 1.0   | 0.5   | 0.1   | 0.8   |
| 0.6   | 0.7   | 0.7   | 0.7   | 0.8   | 0.5   | 0.9   |
| 0.3   | 0.3   | 1.1   | 0.3   | 0.3   | 0.1   | 0.1   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 229.6 | 69.9  | 193.6 | 73.9  | 91.5  | 149.4 | 119.2 |
| 0.6   | 0.8   | 2.1   | 1.7   | 1.3   | 1.9   | 0.3   |
| 280.9 | 93.1  | 179.6 | 86.8  | 80.2  | 129.0 | 36.0  |
| 4.6   | 6.5   | 6.1   | 6.9   | 6.0   | 5.8   | 6.8   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 2.6   | 1.6   | 0.0   | 0.9   | 0.0   | 0.0   | 0.0   |
| 5.8   | 5.5   | 9.0   | 9.6   | 8.3   | 8.2   | 3.8   |
| 1.0   | 2.2   | 2.6   | 3.8   | 3.2   | 2.7   | 2.4   |
| 0.5   | 0.2   | 1.4   | 0.5   | 0.0   | 0.8   | 0.0   |
| 2.4   | 3.0   | 3.2   | 2.9   | 4.1   | 3.4   | 0.9   |
| 0.0   | 0.1   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.0   | 0.2   | 0.1   | 0.2   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.5   | 0.1   | 0.2   | 0.6   | 0.0   |
| 0.2   | 0.1   | 0.8   | 0.3   | 0.1   | 0.2   | 0.0   |
| 9.0   | 13.4  | 14.3  | 13.2  | 16.0  | 15.3  | 8.3   |
| 0.4   | 1.5   | 2.1   | 1.8   | 1.3   | 3.0   | 1.0   |
| 0.5   | 1.5   | 3.3   | 3.6   | 1.0   | 2.5   | 0.1   |
| 3.2   | 4.6   | 4.9   | 5.0   | 5.1   | 4.8   | 9.3   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   |
| 0.2   | 0.1   | 0.8   | 0.4   | 0.3   | 0.2   | 0.0   |
| 0.6   | 0.8   | 0.8   | 0.6   | 0.5   | 0.5   | 0.0   |
| 2.0   | 1.4   | 1.3   | 1.6   | 2.5   | 1.8   | 2.0   |
| 0.0   | 0.2   | 0.4   | 0.4   | 0.1   | 0.1   | 0.0   |
| 0.4   | 0.3   | 0.5   | 0.7   | 0.5   | 0.9   | 0.4   |
| 20.1  | 16.9  | 30.0  | 31.2  | 34.3  | 9.3   | 26.0  |
| 2.6   | 4.5   | 8.0   | 6.1   | 4.0   | 5.5   | 2.1   |
| 3.7   | 4.2   | 6.1   | 6.5   | 4.3   | 4.5   | 2.7   |
| 10.6  | 12.3  | 12.3  | 11.3  | 10.6  | 13.5  | 13.3  |
| 12.4  | 16.6  | 25.8  | 21.7  | 16.9  | 20.0  | 17.6  |
| 127.9 | 42.9  | 115.1 | 36.8  | 66.6  | 136.7 | 1.9   |
| 378.1 | 279.0 | 271.6 | 230.2 | 222.8 | 216.4 | 116.9 |
| 3.1   | 2.9   | 2.7   | 2.7   | 3.3   | 3.4   | 0.6   |
| 0.0   | 0.0   | 0.3   | 0.3   | 0.1   | 0.6   | 0.4   |
| 2.7   | 3.6   | 3.6   | 3.1   | 4.6   | 3.8   | 4.2   |



|      |       |      |       |      |       |       |
|------|-------|------|-------|------|-------|-------|
| 0.4  | 0.4   | 0.8  | 0.6   | 0.3  | 0.5   | 0.0   |
| 1.9  | 1.5   | 2.6  | 2.4   | 2.5  | 3.5   | 4.1   |
| 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0   |
| 3.8  | 3.9   | 3.5  | 4.1   | 5.6  | 4.2   | 0.4   |
| 0.1  | 0.0   | 0.4  | 0.4   | 0.0  | 0.1   | 0.2   |
| 0.6  | 0.8   | 0.6  | 0.6   | 0.6  | 0.8   | 0.0   |
| 1.9  | 1.7   | 2.0  | 2.1   | 2.6  | 2.3   | 1.5   |
| 1.9  | 4.1   | 4.3  | 4.1   | 4.9  | 6.3   | 0.9   |
| 0.2  | 0.1   | 0.5  | 0.5   | 0.0  | 0.3   | 0.0   |
| 0.7  | 1.6   | 2.6  | 3.7   | 1.8  | 3.3   | 1.7   |
| 0.0  | 0.0   | 0.1  | 0.1   | 0.0  | 0.0   | 0.0   |
| 0.0  | 0.0   | 0.1  | 0.0   | 0.0  | 0.0   | 0.0   |
| 0.1  | 0.1   | 0.1  | 0.1   | 0.0  | 0.2   | 0.0   |
| 3.6  | 3.2   | 2.9  | 3.6   | 3.3  | 2.6   | 8.1   |
| 0.4  | 0.6   | 1.1  | 1.0   | 0.5  | 0.8   | 0.3   |
| 0.1  | 0.2   | 0.3  | 0.3   | 0.3  | 0.3   | 0.0   |
| 7.1  | 8.0   | 5.1  | 4.8   | 9.8  | 11.1  | 4.4   |
| 0.0  | 0.0   | 0.6  | 0.6   | 0.2  | 0.2   | 0.0   |
| 5.1  | 6.4   | 6.5  | 9.4   | 7.4  | 7.7   | 11.2  |
| 0.2  | 0.2   | 0.3  | 0.3   | 0.4  | 0.2   | 0.2   |
| 1.1  | 1.7   | 2.2  | 2.2   | 1.7  | 2.0   | 2.3   |
| 61.9 | 124.4 | 91.9 | 107.6 | 74.8 | 104.7 | 147.6 |
| 0.2  | 0.1   | 0.6  | 0.5   | 0.3  | 0.6   | 0.5   |
| 10.4 | 11.2  | 8.4  | 11.2  | 12.1 | 13.3  | 12.2  |
| 1.0  | 1.3   | 1.0  | 1.0   | 1.5  | 1.0   | 0.7   |
| 11.6 | 11.3  | 6.1  | 8.8   | 8.2  | 13.2  | 22.1  |
| 0.0  | 0.0   | 0.1  | 0.1   | 0.1  | 0.0   | 0.0   |
| 1.7  | 3.0   | 3.1  | 3.6   | 3.2  | 3.4   | 3.6   |
| 0.8  | 1.1   | 1.3  | 1.1   | 1.4  | 1.6   | 1.0   |
| 0.0  | 0.0   | 0.8  | 0.0   | 0.0  | 0.0   | 0.0   |
| 16.2 | 19.6  | 23.1 | 26.5  | 21.4 | 16.3  | 25.7  |
| 5.4  | 5.2   | 6.8  | 7.6   | 5.7  | 5.8   | 6.4   |
| 0.0  | 0.3   | 0.1  | 0.4   | 0.0  | 0.0   | 0.0   |
| 1.9  | 2.5   | 4.7  | 4.7   | 4.2  | 3.9   | 3.6   |
| 3.4  | 4.0   | 2.5  | 3.0   | 4.9  | 4.8   | 4.9   |
| 29.6 | 20.7  | 25.5 | 31.2  | 29.4 | 26.6  | 42.7  |
| 0.0  | 0.1   | 0.1  | 0.2   | 0.2  | 0.1   | 0.0   |
| 33.3 | 43.2  | 38.9 | 40.8  | 42.6 | 38.7  | 36.2  |
| 0.3  | 0.1   | 0.7  | 0.7   | 0.0  | 0.9   | 0.0   |
| 0.1  | 0.2   | 0.2  | 0.2   | 0.2  | 0.1   | 0.2   |
| 5.5  | 6.7   | 7.5  | 8.5   | 7.8  | 8.1   | 6.0   |
| 0.4  | 1.1   | 2.2  | 2.5   | 3.0  | 1.2   | 1.3   |
| 9.8  | 15.3  | 13.3 | 17.5  | 11.5 | 14.6  | 17.4  |
| 0.7  | 0.9   | 0.9  | 1.0   | 0.6  | 1.3   | 0.6   |
| 0.4  | 0.3   | 1.1  | 0.7   | 1.0  | 1.0   | 0.0   |
| 0.8  | 1.2   | 1.4  | 1.6   | 1.8  | 1.8   | 1.6   |
| 37.2 | 51.9  | 55.9 | 59.7  | 49.2 | 48.1  | 41.5  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 1.2  | 1.7  | 1.5  | 1.4  | 1.4  | 1.4  | 0.4  |
| 13.4 | 18.1 | 14.8 | 15.8 | 12.3 | 15.1 | 14.9 |
| 0.7  | 0.8  | 0.8  | 0.9  | 0.9  | 1.1  | 1.2  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.0  | 0.4  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.4  | 0.1  | 0.0  | 0.1  | 0.1  |
| 5.5  | 6.5  | 7.3  | 9.3  | 9.0  | 8.2  | 6.2  |
| 0.3  | 0.0  | 0.6  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.3  | 0.3  | 0.5  | 0.6  | 0.5  | 0.7  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  |
| 1.9  | 1.8  | 1.9  | 2.1  | 2.1  | 1.8  | 3.3  |
| 5.3  | 5.6  | 6.3  | 6.3  | 5.7  | 6.4  | 8.7  |
| 0.7  | 0.9  | 1.0  | 0.8  | 0.9  | 0.7  | 0.4  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 1.6  | 2.0  | 1.9  | 1.5  | 2.5  | 2.8  | 0.9  |
| 0.2  | 0.4  | 0.0  | 0.2  | 0.2  | 0.0  | 0.0  |
| 15.2 | 18.5 | 15.9 | 16.8 | 19.8 | 15.4 | 9.4  |
| 6.8  | 7.2  | 6.6  | 6.8  | 9.7  | 8.0  | 4.4  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.1  | 0.0  | 0.3  | 0.0  |
| 0.3  | 0.6  | 1.0  | 0.8  | 0.4  | 1.2  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.9  | 0.6  | 1.2  | 1.0  | 1.2  | 0.9  | 0.0  |
| 3.1  | 4.2  | 5.7  | 5.3  | 4.8  | 3.5  | 3.6  |
| 24.6 | 29.9 | 29.2 | 34.0 | 28.5 | 33.7 | 43.2 |
| 1.3  | 1.7  | 1.4  | 1.3  | 1.5  | 1.8  | 1.8  |
| 0.3  | 0.4  | 0.8  | 0.8  | 0.2  | 0.6  | 1.1  |
| 0.1  | 0.1  | 0.5  | 0.5  | 0.1  | 0.2  | 0.0  |
| 0.1  | 0.1  | 0.4  | 0.2  | 0.2  | 0.5  | 0.0  |
| 1.4  | 1.8  | 2.1  | 2.4  | 2.0  | 2.4  | 1.3  |
| 0.1  | 0.0  | 0.1  | 0.3  | 0.3  | 0.7  | 0.0  |
| 0.2  | 0.3  | 0.5  | 0.5  | 0.2  | 0.3  | 0.0  |
| 0.1  | 0.3  | 1.2  | 0.5  | 0.1  | 0.4  | 0.0  |
| 0.2  | 0.1  | 1.0  | 0.5  | 0.0  | 0.8  | 0.0  |
| 0.1  | 0.1  | 0.5  | 0.6  | 0.4  | 0.7  | 0.0  |
| 0.1  | 0.3  | 0.8  | 0.8  | 0.3  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.9  | 0.5  | 1.0  | 1.1  | 1.1  | 1.4  | 1.7  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.3  | 0.7  | 0.1  | 0.0  | 0.0  |
| 1.6  | 1.6  | 2.1  | 2.0  | 1.6  | 1.5  | 1.2  |
| 0.5  | 0.7  | 0.9  | 0.6  | 0.3  | 1.0  | 0.0  |
| 4.8  | 6.2  | 6.3  | 7.3  | 6.5  | 5.9  | 5.4  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.1   | 0.1   | 0.3   | 0.4   | 0.1   | 0.1   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.4   | 0.0   | 0.1   | 0.0   |
| 0.4   | 0.1   | 0.5   | 1.1   | 0.0   | 0.0   | 0.0   |
| 3.3   | 4.8   | 4.9   | 5.6   | 3.8   | 6.5   | 5.2   |
| 0.4   | 0.2   | 0.6   | 0.1   | 0.7   | 1.4   | 0.3   |
| 4.0   | 5.7   | 6.5   | 8.4   | 6.4   | 5.9   | 6.3   |
| 282.0 | 294.4 | 273.6 | 344.3 | 253.9 | 255.2 | 329.7 |
| 1.1   | 1.2   | 1.5   | 1.6   | 1.1   | 1.6   | 2.6   |
| 21.8  | 20.8  | 17.1  | 14.5  | 26.7  | 26.3  | 12.5  |
| 0.4   | 0.4   | 0.8   | 0.7   | 0.4   | 0.8   | 0.6   |
| 11.0  | 21.7  | 14.0  | 12.7  | 20.0  | 18.1  | 11.4  |
| 0.5   | 0.6   | 1.1   | 1.3   | 0.8   | 1.7   | 6.4   |
| 11.9  | 11.8  | 10.6  | 12.8  | 14.0  | 15.2  | 11.2  |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.1   | 0.0   |
| 14.9  | 14.0  | 15.9  | 21.5  | 15.6  | 18.3  | 30.6  |
| 16.8  | 20.1  | 21.1  | 24.2  | 19.1  | 20.9  | 14.5  |
| 5.4   | 10.9  | 14.4  | 13.8  | 10.5  | 12.2  | 3.4   |
| 0.7   | 0.7   | 1.0   | 1.1   | 1.6   | 0.8   | 0.6   |
| 2.8   | 4.9   | 5.8   | 5.1   | 4.7   | 6.2   | 3.0   |
| 0.1   | 0.6   | 0.0   | 0.4   | 0.7   | 0.0   | 0.0   |
| 78.8  | 76.8  | 71.6  | 72.0  | 79.0  | 70.4  | 77.3  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 3.6   | 4.1   | 5.2   | 5.5   | 4.6   | 4.2   | 5.0   |
| 37.0  | 51.0  | 62.1  | 60.8  | 50.1  | 45.8  | 78.0  |
| 0.0   | 0.2   | 0.0   | 0.5   | 0.3   | 0.2   | 0.0   |
| 0.1   | 0.1   | 0.4   | 0.5   | 0.4   | 0.1   | 0.0   |
| 10.3  | 13.3  | 9.2   | 10.9  | 15.7  | 9.9   | 5.2   |
| 1.7   | 2.9   | 1.7   | 1.7   | 1.9   | 2.4   | 2.0   |
| 0.2   | 0.2   | 1.1   | 0.2   | 0.2   | 0.8   | 0.4   |
| 0.9   | 1.4   | 1.3   | 1.2   | 1.9   | 2.0   | 1.5   |
| 0.1   | 0.3   | 1.3   | 0.5   | 0.2   | 0.7   | 2.2   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.3   | 0.4   | 1.0   | 0.4   | 1.5   | 1.8   | 0.0   |
| 0.1   | 0.0   | 0.3   | 0.4   | 0.0   | 0.0   | 0.0   |
| 0.5   | 1.6   | 1.6   | 1.8   | 1.1   | 1.5   | 0.6   |
| 0.0   | 0.2   | 0.1   | 0.1   | 0.0   | 0.2   | 0.0   |
| 1.2   | 1.6   | 1.5   | 2.0   | 1.8   | 2.3   | 2.5   |
| 3.4   | 3.5   | 3.9   | 4.1   | 4.0   | 5.1   | 4.3   |
| 8.2   | 9.7   | 8.8   | 9.6   | 16.6  | 9.8   | 14.5  |
| 2.0   | 2.0   | 1.4   | 1.3   | 1.9   | 2.6   | 0.9   |
| 0.5   | 0.5   | 0.8   | 0.8   | 1.1   | 0.8   | 1.0   |
| 1.5   | 1.8   | 3.6   | 3.1   | 2.1   | 2.6   | 1.6   |
| 1.6   | 1.9   | 0.9   | 1.8   | 2.6   | 5.0   | 4.0   |
| 0.6   | 0.6   | 0.8   | 1.2   | 1.2   | 0.7   | 0.0   |
| 9.3   | 10.4  | 11.7  | 15.0  | 12.3  | 12.3  | 18.4  |
| 3.8   | 3.8   | 3.3   | 4.0   | 4.8   | 3.8   | 3.2   |
| 14.4  | 15.0  | 10.8  | 10.8  | 17.5  | 18.4  | 10.0  |

|       |       |       |      |      |       |      |
|-------|-------|-------|------|------|-------|------|
| 0.9   | 0.6   | 0.7   | 2.0  | 1.3  | 0.0   | 0.0  |
| 3.7   | 5.5   | 2.2   | 3.5  | 6.2  | 5.8   | 2.3  |
| 20.2  | 18.1  | 25.8  | 23.0 | 17.4 | 18.8  | 25.6 |
| 0.0   | 0.0   | 0.0   | 0.1  | 0.2  | 0.2   | 0.0  |
| 0.5   | 0.6   | 1.8   | 1.6  | 2.2  | 1.1   | 0.1  |
| 0.3   | 0.5   | 0.4   | 0.5  | 0.7  | 0.5   | 0.0  |
| 4.1   | 5.0   | 3.0   | 2.9  | 4.0  | 5.3   | 3.6  |
| 0.2   | 0.7   | 0.4   | 0.9  | 0.7  | 2.1   | 0.0  |
| 2.6   | 4.4   | 7.0   | 6.5  | 5.7  | 6.0   | 1.6  |
| 7.0   | 7.0   | 8.1   | 7.5  | 10.0 | 9.9   | 9.4  |
| 2.8   | 3.6   | 2.5   | 2.6  | 2.5  | 2.9   | 3.2  |
| 2.6   | 3.2   | 2.6   | 2.8  | 2.4  | 3.6   | 3.2  |
| 6.3   | 6.9   | 8.1   | 9.9  | 6.9  | 5.8   | 5.8  |
| 3.7   | 4.8   | 2.8   | 2.8  | 4.8  | 3.9   | 0.3  |
| 1.8   | 2.7   | 2.0   | 2.0  | 3.2  | 1.1   | 2.2  |
| 1.8   | 2.0   | 1.0   | 1.4  | 1.8  | 1.7   | 0.7  |
| 0.1   | 0.0   | 0.2   | 0.5  | 0.0  | 0.4   | 0.6  |
| 0.0   | 0.0   | 0.0   | 0.6  | 0.0  | 0.0   | 0.0  |
| 127.8 | 54.9  | 152.5 | 47.4 | 68.1 | 83.3  | 19.4 |
| 2.0   | 2.7   | 2.0   | 1.2  | 3.7  | 2.2   | 1.3  |
| 4.5   | 4.4   | 7.2   | 6.3  | 5.1  | 5.2   | 3.5  |
| 0.2   | 0.5   | 1.0   | 1.1  | 0.3  | 0.4   | 0.0  |
| 0.0   | 0.0   | 0.1   | 0.0  | 0.0  | 0.0   | 0.0  |
| 22.7  | 27.8  | 17.2  | 18.9 | 18.5 | 30.9  | 29.1 |
| 0.7   | 1.1   | 0.5   | 1.7  | 2.1  | 1.1   | 0.7  |
| 0.1   | 0.0   | 0.3   | 0.3  | 0.0  | 0.0   | 0.0  |
| 11.3  | 8.3   | 6.7   | 8.9  | 15.5 | 10.6  | 7.8  |
| 0.0   | 0.4   | 0.7   | 0.1  | 0.1  | 0.3   | 0.0  |
| 0.1   | 0.1   | 0.2   | 0.1  | 0.2  | 0.1   | 0.0  |
| 8.1   | 11.5  | 11.8  | 13.5 | 12.8 | 13.9  | 14.4 |
| 16.1  | 24.0  | 16.0  | 17.9 | 22.0 | 18.9  | 6.2  |
| 0.0   | 0.0   | 0.2   | 0.0  | 0.7  | 0.4   | 0.0  |
| 0.1   | 0.2   | 0.0   | 1.0  | 0.0  | 0.0   | 0.0  |
| 2.5   | 2.3   | 1.3   | 1.5  | 2.6  | 3.6   | 0.6  |
| 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0  |
| 1.5   | 1.1   | 0.8   | 1.7  | 0.7  | 1.7   | 3.2  |
| 9.2   | 12.0  | 13.4  | 13.1 | 10.6 | 9.5   | 10.1 |
| 1.3   | 1.6   | 1.7   | 2.1  | 2.0  | 1.7   | 1.5  |
| 0.9   | 1.5   | 1.3   | 1.4  | 2.0  | 1.5   | 1.2  |
| 3.1   | 3.8   | 2.6   | 1.9  | 3.3  | 3.5   | 2.6  |
| 0.0   | 0.1   | 0.0   | 0.1  | 0.0  | 0.0   | 0.0  |
| 0.0   | 0.0   | 0.1   | 0.2  | 0.0  | 0.1   | 0.0  |
| 0.1   | 0.0   | 0.9   | 0.3  | 0.0  | 0.0   | 0.0  |
| 0.1   | 0.1   | 0.2   | 0.1  | 0.0  | 0.2   | 0.4  |
| 1.2   | 2.1   | 2.6   | 2.8  | 1.6  | 2.5   | 1.8  |
| 80.6  | 109.4 | 28.2  | 29.6 | 52.7 | 126.5 | 78.7 |
| 0.0   | 0.0   | 0.1   | 0.1  | 0.0  | 0.0   | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 3.2  | 2.8  | 4.0  | 4.4  | 4.3  | 4.5  | 2.0  |
| 2.7  | 2.8  | 3.7  | 3.6  | 4.2  | 3.5  | 1.6  |
| 5.4  | 4.9  | 3.4  | 5.7  | 6.5  | 5.8  | 1.5  |
| 4.6  | 10.3 | 7.0  | 7.4  | 10.7 | 11.9 | 5.0  |
| 11.9 | 16.8 | 12.8 | 12.4 | 17.0 | 19.1 | 7.9  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 9.7  | 10.2 | 10.1 | 12.6 | 13.7 | 11.5 | 11.0 |
| 0.5  | 0.5  | 1.1  | 0.7  | 0.2  | 1.3  | 0.0  |
| 11.0 | 12.6 | 11.8 | 16.9 | 14.1 | 11.9 | 10.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.2  | 0.0  |
| 1.9  | 2.5  | 2.6  | 3.0  | 3.7  | 2.5  | 2.7  |
| 0.0  | 0.0  | 0.3  | 0.2  | 0.0  | 0.0  | 0.0  |
| 1.7  | 2.2  | 3.1  | 3.3  | 2.0  | 3.8  | 0.1  |
| 1.3  | 2.0  | 2.2  | 1.9  | 2.6  | 1.9  | 1.6  |
| 7.8  | 7.8  | 6.7  | 8.4  | 10.2 | 8.5  | 8.3  |
| 0.3  | 0.3  | 1.8  | 1.4  | 0.7  | 1.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.1  | 0.2  | 0.0  |
| 0.4  | 0.5  | 1.6  | 1.3  | 0.6  | 0.5  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 1.4  | 1.4  | 1.7  | 1.8  | 1.2  | 0.9  | 1.8  |
| 0.9  | 0.6  | 0.9  | 1.0  | 0.7  | 1.0  | 1.3  |
| 0.3  | 0.0  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 17.8 | 20.1 | 27.1 | 28.4 | 24.3 | 23.8 | 21.3 |
| 1.1  | 1.6  | 1.7  | 0.8  | 0.8  | 0.0  | 5.2  |
| 34.4 | 26.7 | 34.3 | 33.7 | 35.5 | 32.3 | 51.3 |
| 0.8  | 1.0  | 1.2  | 0.9  | 1.4  | 1.5  | 0.3  |
| 19.5 | 23.7 | 17.9 | 17.8 | 27.7 | 29.9 | 20.4 |
| 1.2  | 1.3  | 0.9  | 1.1  | 1.8  | 1.2  | 0.3  |
| 0.1  | 0.1  | 0.5  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.7  | 0.6  | 0.9  | 1.1  | 0.9  | 0.4  | 2.6  |
| 0.1  | 0.0  | 0.3  | 0.4  | 0.1  | 0.2  | 0.0  |
| 1.2  | 1.6  | 1.4  | 1.2  | 1.4  | 0.3  | 0.3  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  |
| 18.1 | 19.8 | 18.0 | 15.3 | 24.9 | 24.9 | 19.7 |
| 4.2  | 4.7  | 2.6  | 2.4  | 3.2  | 4.8  | 2.1  |
| 3.2  | 4.8  | 5.2  | 4.5  | 4.4  | 5.6  | 1.4  |
| 0.0  | 0.0  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  |
| 1.0  | 1.1  | 0.6  | 0.7  | 1.2  | 1.4  | 0.4  |
| 24.4 | 24.7 | 24.4 | 24.6 | 22.2 | 25.9 | 28.0 |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 5.0  | 5.1  | 4.8  | 5.7  | 6.4  | 7.2  | 4.2  |
| 2.1  | 2.0  | 2.6  | 2.8  | 2.6  | 2.3  | 2.0  |
| 0.9  | 0.2  | 0.3  | 0.3  | 0.4  | 0.4  | 1.7  |
| 0.7  | 2.3  | 1.8  | 0.9  | 2.0  | 1.6  | 0.0  |
| 0.3  | 0.2  | 0.3  | 0.3  | 0.1  | 0.3  | 0.2  |
| 1.4  | 1.8  | 1.6  | 2.1  | 2.1  | 1.4  | 2.3  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 19.6  | 26.9  | 29.5  | 27.2  | 29.2  | 33.3  | 32.8  |
| 0.0   | 0.1   | 0.1   | 0.6   | 0.3   | 0.3   | 0.0   |
| 8.6   | 10.7  | 8.9   | 12.3  | 9.3   | 11.9  | 4.8   |
| 9.3   | 11.6  | 12.4  | 13.2  | 19.3  | 15.0  | 5.6   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 23.6  | 30.2  | 19.3  | 17.7  | 23.1  | 29.5  | 31.9  |
| 2.3   | 2.7   | 3.5   | 3.3   | 3.2   | 2.8   | 1.5   |
| 13.9  | 16.6  | 15.5  | 15.2  | 30.5  | 22.1  | 6.0   |
| 0.2   | 0.0   | 0.5   | 0.1   | 0.0   | 0.3   | 0.0   |
| 5.3   | 4.8   | 4.7   | 3.8   | 8.6   | 3.9   | 7.8   |
| 16.8  | 23.5  | 12.6  | 12.4  | 26.7  | 17.4  | 8.6   |
| 0.1   | 0.1   | 0.2   | 0.2   | 0.0   | 0.1   | 0.0   |
| 1.6   | 2.9   | 3.2   | 3.0   | 2.6   | 2.7   | 2.0   |
| 6.6   | 11.7  | 11.1  | 12.4  | 9.7   | 9.5   | 8.6   |
| 170.5 | 245.2 | 207.1 | 208.9 | 264.0 | 206.1 | 120.3 |
| 0.0   | 0.1   | 1.0   | 0.2   | 0.2   | 0.4   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.1   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   |
| 327.6 | 312.9 | 209.8 | 270.0 | 230.2 | 287.8 | 297.1 |
| 232.6 | 238.3 | 177.9 | 175.5 | 147.1 | 168.6 | 151.1 |
| 95.7  | 108.0 | 72.2  | 93.5  | 85.7  | 103.5 | 93.1  |
| 9.6   | 13.0  | 11.5  | 13.5  | 10.7  | 9.9   | 7.9   |
| 1.1   | 1.3   | 1.6   | 1.7   | 0.7   | 1.9   | 0.5   |
| 7.0   | 8.6   | 9.2   | 10.8  | 6.3   | 9.8   | 10.7  |
| 3.1   | 4.2   | 3.7   | 3.8   | 5.6   | 3.5   | 1.7   |
| 5.7   | 7.3   | 3.7   | 3.8   | 4.4   | 6.0   | 4.2   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 1.9   | 3.6   | 12.3  | 9.2   | 2.5   | 8.7   | 2.4   |
| 0.0   | 0.1   | 0.3   | 0.5   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.1   | 0.2   | 0.4   | 0.2   | 0.2   | 0.0   |
| 12.7  | 29.1  | 28.1  | 27.7  | 21.2  | 31.4  | 15.8  |
| 14.5  | 19.8  | 20.3  | 23.8  | 19.2  | 21.4  | 26.5  |
| 3.6   | 6.0   | 6.2   | 5.2   | 4.7   | 6.4   | 2.6   |
| 2.1   | 3.3   | 3.5   | 3.6   | 3.0   | 4.1   | 1.6   |
| 0.0   | 0.1   | 0.0   | 0.1   | 0.0   | 0.2   | 0.0   |
| 1.7   | 2.6   | 0.7   | 1.3   | 2.2   | 2.1   | 1.4   |
| 8.5   | 10.2  | 11.5  | 9.9   | 10.0  | 12.6  | 8.2   |
| 0.4   | 0.4   | 1.1   | 0.8   | 0.6   | 0.6   | 0.4   |
| 0.3   | 0.3   | 0.3   | 0.3   | 0.5   | 0.3   | 0.4   |
| 81.2  | 98.3  | 89.4  | 87.6  | 93.7  | 113.9 | 99.9  |
| 0.0   | 0.0   | 0.0   | 0.3   | 0.0   | 0.0   | 0.0   |
| 1.1   | 0.8   | 1.5   | 1.8   | 1.1   | 1.1   | 1.8   |
| 0.3   | 0.4   | 0.6   | 0.7   | 0.3   | 0.3   | 0.1   |
| 0.2   | 0.0   | 0.6   | 0.2   | 0.1   | 0.2   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.5   | 0.9   | 0.6   | 0.3   | 0.7   | 0.0   |
| 3.3   | 5.2   | 4.9   | 6.1   | 4.0   | 4.2   | 4.6   |

|      |       |      |      |       |       |      |
|------|-------|------|------|-------|-------|------|
| 2.9  | 3.2   | 2.8  | 3.3  | 3.7   | 3.7   | 2.0  |
| 3.3  | 4.0   | 2.5  | 2.7  | 4.6   | 3.9   | 1.9  |
| 0.7  | 1.6   | 1.3  | 1.4  | 1.1   | 3.0   | 0.0  |
| 1.7  | 2.5   | 2.4  | 2.2  | 3.0   | 2.7   | 1.1  |
| 12.9 | 13.3  | 14.4 | 16.5 | 9.9   | 12.2  | 14.9 |
| 0.0  | 0.0   | 0.1  | 0.1  | 0.0   | 0.2   | 0.0  |
| 89.4 | 108.4 | 85.8 | 83.5 | 121.0 | 105.7 | 58.0 |
| 8.4  | 10.8  | 7.9  | 6.7  | 8.9   | 12.4  | 6.1  |
| 3.9  | 4.5   | 4.7  | 4.9  | 6.2   | 4.8   | 1.8  |
| 0.0  | 0.0   | 0.2  | 0.0  | 0.2   | 0.1   | 0.0  |
| 0.6  | 1.0   | 0.7  | 0.9  | 1.0   | 0.9   | 0.3  |
| 4.1  | 2.8   | 3.9  | 3.9  | 4.0   | 4.5   | 4.1  |
| 15.2 | 19.1  | 19.5 | 21.5 | 16.5  | 22.4  | 25.2 |
| 0.2  | 0.1   | 0.3  | 0.7  | 1.0   | 0.3   | 0.0  |
| 1.0  | 1.2   | 0.2  | 0.4  | 1.0   | 0.5   | 0.2  |
| 0.1  | 0.0   | 0.4  | 0.2  | 0.1   | 0.1   | 0.0  |
| 36.3 | 45.7  | 38.1 | 42.0 | 38.0  | 43.4  | 39.5 |
| 0.9  | 1.8   | 2.3  | 2.0  | 1.4   | 1.5   | 0.5  |
| 8.0  | 8.6   | 8.8  | 9.7  | 11.6  | 11.7  | 4.8  |
| 0.0  | 0.1   | 0.1  | 0.3  | 0.0   | 0.2   | 0.0  |
| 1.0  | 1.2   | 1.0  | 0.9  | 1.5   | 1.7   | 0.6  |
| 4.5  | 7.1   | 6.7  | 7.3  | 6.4   | 8.7   | 7.7  |
| 0.0  | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   | 0.0  |
| 2.6  | 3.6   | 2.0  | 3.3  | 3.1   | 4.9   | 1.3  |
| 0.0  | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   | 0.0  |
| 4.0  | 3.9   | 4.1  | 4.5  | 6.1   | 5.1   | 2.0  |
| 0.2  | 0.4   | 0.4  | 0.6  | 0.4   | 0.5   | 0.1  |
| 4.4  | 4.2   | 3.6  | 3.5  | 5.1   | 6.1   | 3.9  |
| 0.1  | 0.2   | 1.0  | 0.3  | 0.7   | 0.3   | 0.0  |
| 0.1  | 0.0   | 0.0  | 0.1  | 0.0   | 0.1   | 0.0  |
| 0.0  | 0.0   | 0.0  | 0.2  | 0.1   | 0.3   | 0.0  |
| 0.5  | 0.5   | 0.9  | 1.2  | 0.7   | 0.2   | 1.3  |
| 0.0  | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   | 0.0  |
| 0.2  | 0.0   | 0.3  | 0.3  | 0.0   | 0.4   | 0.0  |
| 3.9  | 5.9   | 5.2  | 6.2  | 6.8   | 7.7   | 4.2  |
| 0.0  | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   | 0.0  |
| 0.3  | 0.3   | 0.6  | 0.6  | 0.4   | 0.5   | 0.0  |
| 4.8  | 6.4   | 5.9  | 5.8  | 7.2   | 6.3   | 5.4  |
| 0.0  | 0.0   | 0.1  | 0.1  | 0.1   | 0.0   | 0.0  |
| 12.1 | 16.7  | 11.7 | 13.6 | 15.3  | 18.0  | 17.6 |
| 0.2  | 0.5   | 1.0  | 1.5  | 0.3   | 0.7   | 0.1  |
| 9.1  | 10.4  | 11.0 | 9.7  | 13.8  | 8.8   | 1.7  |
| 0.1  | 0.0   | 0.2  | 0.3  | 0.0   | 0.0   | 0.0  |
| 6.4  | 10.2  | 5.1  | 4.4  | 6.7   | 10.2  | 3.1  |
| 10.0 | 10.8  | 14.0 | 12.2 | 13.8  | 14.4  | 10.8 |
| 12.3 | 14.7  | 13.5 | 12.4 | 17.5  | 18.9  | 10.1 |
| 6.6  | 7.7   | 7.6  | 7.6  | 7.7   | 8.1   | 6.9  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 14.9 | 12.3 | 16.6 | 19.2 | 15.3 | 19.3 | 25.3 |
| 3.8  | 6.3  | 13.7 | 12.6 | 6.0  | 11.2 | 9.6  |
| 45.9 | 43.2 | 44.7 | 46.6 | 68.0 | 54.3 | 18.4 |
| 0.1  | 0.1  | 0.4  | 0.2  | 0.0  | 0.8  | 0.0  |
| 2.0  | 1.7  | 2.1  | 2.2  | 2.9  | 2.0  | 2.4  |
| 2.4  | 2.6  | 2.3  | 2.7  | 1.2  | 2.1  | 1.8  |
| 2.4  | 3.5  | 1.9  | 2.2  | 4.6  | 3.8  | 0.6  |
| 6.1  | 7.2  | 5.3  | 4.2  | 8.4  | 8.2  | 8.7  |
| 0.3  | 0.8  | 2.3  | 1.7  | 0.8  | 0.9  | 0.0  |
| 6.1  | 6.1  | 6.6  | 9.4  | 7.4  | 6.1  | 14.5 |
| 4.2  | 5.4  | 6.1  | 6.7  | 6.5  | 5.4  | 8.4  |
| 5.6  | 7.0  | 4.7  | 4.8  | 7.6  | 7.2  | 4.9  |
| 0.6  | 0.9  | 0.6  | 0.4  | 1.0  | 1.1  | 0.5  |
| 2.5  | 4.5  | 11.3 | 13.1 | 5.7  | 12.7 | 1.5  |
| 0.3  | 0.1  | 0.3  | 0.1  | 0.1  | 0.0  | 0.0  |
| 3.5  | 5.8  | 5.0  | 5.2  | 3.1  | 6.1  | 3.0  |
| 1.3  | 1.5  | 3.4  | 2.9  | 1.6  | 2.3  | 1.8  |
| 1.2  | 2.0  | 3.5  | 2.7  | 2.2  | 2.5  | 0.7  |
| 11.0 | 18.4 | 17.8 | 24.3 | 17.4 | 19.8 | 32.3 |
| 2.2  | 2.8  | 2.6  | 2.6  | 2.1  | 2.7  | 1.7  |
| 0.1  | 0.1  | 0.4  | 0.4  | 0.2  | 0.3  | 0.0  |
| 0.2  | 0.3  | 0.4  | 0.4  | 0.1  | 0.2  | 0.2  |
| 0.7  | 0.8  | 1.2  | 0.6  | 1.4  | 1.5  | 0.4  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.3  | 1.3  | 0.9  | 1.3  | 1.3  | 1.0  | 6.1  |
| 3.9  | 4.7  | 5.5  | 6.1  | 4.9  | 5.9  | 2.5  |
| 2.6  | 4.4  | 3.9  | 5.3  | 4.3  | 2.6  | 2.0  |
| 0.2  | 0.0  | 0.3  | 0.1  | 0.1  | 1.0  | 0.0  |
| 2.8  | 1.9  | 2.2  | 2.8  | 2.1  | 2.9  | 1.5  |
| 4.1  | 3.7  | 3.4  | 4.1  | 4.7  | 4.6  | 2.6  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 6.5  | 7.5  | 12.7 | 11.6 | 10.0 | 10.7 | 14.8 |
| 0.0  | 0.1  | 0.3  | 0.4  | 0.0  | 0.1  | 0.0  |
| 33.5 | 37.9 | 36.2 | 37.9 | 43.0 | 49.4 | 28.7 |
| 4.5  | 4.0  | 4.0  | 3.2  | 4.3  | 4.9  | 2.0  |
| 1.0  | 1.2  | 1.3  | 0.9  | 1.0  | 1.1  | 0.7  |
| 0.0  | 0.2  | 0.3  | 0.3  | 0.0  | 0.2  | 0.0  |
| 5.1  | 6.5  | 7.6  | 6.7  | 8.7  | 8.0  | 5.9  |
| 2.4  | 1.9  | 1.4  | 1.3  | 3.1  | 2.5  | 0.9  |
| 0.9  | 2.5  | 2.6  | 2.5  | 1.6  | 1.2  | 1.0  |
| 2.8  | 2.9  | 2.7  | 2.5  | 3.1  | 2.3  | 1.1  |
| 0.0  | 0.0  | 0.5  | 0.2  | 0.0  | 0.2  | 0.0  |
| 0.6  | 0.3  | 1.6  | 1.5  | 0.1  | 1.4  | 0.0  |
| 2.3  | 3.0  | 2.8  | 3.2  | 4.2  | 2.6  | 1.1  |
| 0.4  | 0.7  | 1.0  | 0.8  | 1.0  | 0.7  | 0.6  |
| 0.1  | 0.1  | 0.6  | 0.6  | 0.1  | 0.3  | 0.0  |
| 0.1  | 0.2  | 0.3  | 0.2  | 0.2  | 0.2  | 0.1  |



|       |       |       |       |       |       |      |
|-------|-------|-------|-------|-------|-------|------|
| 0.0   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.0  |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0  |
| 11.0  | 11.9  | 12.1  | 14.1  | 10.2  | 11.7  | 12.1 |
| 0.2   | 0.0   | 0.3   | 0.2   | 0.0   | 0.6   | 0.0  |
| 0.0   | 0.0   | 1.1   | 0.4   | 0.1   | 0.1   | 0.0  |
| 0.0   | 0.1   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0  |
| 0.3   | 0.3   | 0.4   | 0.2   | 0.3   | 0.6   | 0.3  |
| 1.9   | 3.0   | 3.9   | 3.7   | 2.7   | 4.6   | 0.8  |
| 7.5   | 9.8   | 7.7   | 7.7   | 12.2  | 6.8   | 3.1  |
| 0.1   | 0.1   | 0.3   | 0.1   | 0.0   | 0.1   | 0.0  |
| 0.0   | 0.0   | 0.3   | 0.2   | 0.2   | 0.9   | 0.2  |
| 7.8   | 8.9   | 7.2   | 7.9   | 8.9   | 8.4   | 6.1  |
| 0.1   | 0.3   | 1.0   | 0.7   | 0.2   | 0.1   | 0.9  |
| 0.1   | 0.1   | 0.2   | 0.0   | 0.1   | 0.1   | 0.0  |
| 0.1   | 0.1   | 0.4   | 0.3   | 0.1   | 0.1   | 0.0  |
| 0.7   | 0.9   | 1.2   | 1.1   | 1.2   | 1.6   | 1.0  |
| 0.8   | 0.9   | 1.0   | 1.3   | 1.2   | 0.8   | 0.9  |
| 3.0   | 3.4   | 3.1   | 3.0   | 5.0   | 4.4   | 1.1  |
| 7.5   | 7.2   | 7.6   | 7.6   | 7.0   | 8.3   | 11.6 |
| 0.0   | 0.1   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0  |
| 0.0   | 0.1   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0  |
| 11.4  | 11.5  | 13.7  | 13.0  | 11.8  | 11.7  | 14.0 |
| 0.5   | 0.5   | 0.2   | 0.0   | 0.8   | 0.0   | 0.0  |
| 20.1  | 16.9  | 17.1  | 20.4  | 18.2  | 22.6  | 36.7 |
| 1.2   | 1.0   | 0.7   | 0.7   | 1.7   | 1.4   | 0.1  |
| 0.0   | 0.0   | 0.4   | 0.1   | 0.1   | 0.7   | 0.0  |
| 0.0   | 0.0   | 0.1   | 0.3   | 0.0   | 0.2   | 0.0  |
| 0.2   | 0.3   | 1.0   | 0.4   | 0.3   | 0.5   | 0.0  |
| 0.5   | 0.3   | 0.5   | 0.3   | 0.7   | 0.3   | 1.0  |
| 27.3  | 34.9  | 39.5  | 40.6  | 32.6  | 19.7  | 21.7 |
| 1.3   | 1.5   | 1.0   | 1.1   | 2.1   | 1.5   | 0.2  |
| 0.5   | 0.5   | 0.4   | 0.4   | 0.7   | 0.7   | 0.3  |
| 79.5  | 130.6 | 46.0  | 51.6  | 105.8 | 117.8 | 72.2 |
| 0.9   | 1.3   | 2.0   | 1.3   | 1.6   | 1.3   | 1.0  |
| 0.0   | 0.2   | 0.4   | 0.2   | 0.0   | 0.0   | 0.0  |
| 0.0   | 0.1   | 0.2   | 0.1   | 0.2   | 0.1   | 0.0  |
| 15.1  | 19.2  | 13.1  | 12.7  | 18.5  | 15.8  | 15.2 |
| 5.1   | 6.6   | 8.9   | 6.0   | 5.2   | 6.7   | 8.5  |
| 6.2   | 11.7  | 11.7  | 13.4  | 10.1  | 15.4  | 6.4  |
| 311.6 | 96.7  | 158.3 | 123.0 | 175.3 | 218.5 | 47.2 |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 0.0   | 0.0   | 0.0   | 1.1   | 0.4   | 0.0   | 0.0  |
| 2.0   | 2.4   | 2.6   | 2.3   | 2.7   | 2.6   | 2.1  |
| 3.6   | 6.8   | 5.8   | 5.5   | 5.8   | 4.4   | 1.5  |
| 3.6   | 5.4   | 4.6   | 6.0   | 4.9   | 6.0   | 5.0  |
| 48.7  | 56.5  | 52.3  | 63.4  | 52.2  | 58.1  | 69.5 |
| 0.0   | 0.1   | 0.1   | 0.5   | 0.0   | 0.0   | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.5  | 0.6  | 1.1  | 0.4  | 0.5  | 1.0  | 0.5  |
| 1.4  | 2.5  | 1.9  | 2.9  | 1.3  | 1.7  | 2.6  |
| 0.0  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.8  | 0.5  | 0.4  | 0.6  | 0.0  |
| 0.3  | 0.3  | 0.6  | 1.3  | 0.4  | 0.5  | 0.1  |
| 9.4  | 9.8  | 8.6  | 9.0  | 15.3 | 8.8  | 4.1  |
| 1.0  | 1.1  | 2.0  | 1.6  | 2.4  | 2.1  | 0.2  |
| 5.0  | 5.3  | 3.8  | 4.5  | 5.8  | 5.9  | 2.5  |
| 7.8  | 5.7  | 7.9  | 12.1 | 8.7  | 7.1  | 13.2 |
| 1.8  | 2.0  | 1.7  | 1.7  | 3.3  | 3.0  | 0.8  |
| 6.3  | 11.3 | 11.6 | 12.3 | 9.2  | 12.3 | 11.6 |
| 11.0 | 11.8 | 15.3 | 10.9 | 10.6 | 13.4 | 9.7  |
| 3.9  | 3.0  | 3.2  | 2.8  | 4.9  | 4.3  | 0.3  |
| 4.7  | 5.7  | 4.2  | 4.6  | 5.4  | 7.6  | 1.5  |
| 1.5  | 1.8  | 1.8  | 1.9  | 2.6  | 2.2  | 2.0  |
| 12.7 | 17.1 | 17.7 | 17.8 | 21.0 | 19.0 | 13.8 |
| 5.7  | 6.3  | 4.5  | 4.4  | 5.7  | 7.6  | 4.6  |
| 0.1  | 0.2  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.2  | 0.0  |
| 2.7  | 3.5  | 3.7  | 3.7  | 3.4  | 3.6  | 1.7  |
| 6.6  | 5.6  | 9.0  | 8.7  | 8.4  | 5.7  | 13.4 |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 7.1  | 13.8 | 10.8 | 10.2 | 11.0 | 17.3 | 13.2 |
| 1.2  | 0.9  | 1.0  | 0.9  | 1.5  | 1.6  | 0.7  |
| 8.9  | 13.6 | 16.1 | 14.8 | 13.0 | 15.4 | 19.3 |
| 15.4 | 21.2 | 20.3 | 21.5 | 17.7 | 15.5 | 14.8 |
| 0.2  | 0.3  | 0.7  | 0.8  | 0.5  | 0.4  | 0.1  |
| 16.2 | 16.2 | 18.5 | 22.3 | 21.8 | 22.1 | 23.5 |
| 1.8  | 1.8  | 2.0  | 2.3  | 1.8  | 2.2  | 2.9  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 10.3 | 9.3  | 14.2 | 15.0 | 14.5 | 13.5 | 13.6 |
| 27.9 | 32.5 | 25.4 | 28.9 | 28.9 | 33.1 | 46.6 |
| 32.3 | 48.0 | 36.1 | 40.2 | 38.8 | 39.6 | 58.2 |
| 0.0  | 0.0  | 0.4  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  |
| 3.6  | 5.3  | 4.0  | 4.3  | 5.6  | 5.6  | 2.9  |
| 1.2  | 2.3  | 4.9  | 3.7  | 2.1  | 2.5  | 0.7  |
| 1.7  | 1.7  | 1.5  | 1.2  | 1.9  | 3.2  | 1.6  |
| 0.0  | 0.0  | 0.4  | 0.2  | 0.1  | 0.3  | 0.0  |
| 0.7  | 0.7  | 0.7  | 0.5  | 0.7  | 0.6  | 0.8  |
| 4.4  | 4.6  | 5.6  | 6.9  | 4.8  | 5.2  | 8.6  |
| 0.3  | 0.4  | 1.1  | 1.5  | 0.6  | 1.0  | 1.2  |
| 0.1  | 0.2  | 0.1  | 0.2  | 0.0  | 0.4  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.3  | 0.7  | 0.5  | 0.3  | 0.6  | 0.0  |
| 19.3 | 26.4 | 11.9 | 13.2 | 24.8 | 26.8 | 13.6 |
| 0.1  | 0.2  | 0.6  | 0.4  | 0.2  | 0.3  | 0.2  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 4.1  | 4.0  | 3.8  | 3.8  | 4.6  | 4.9  | 1.7  |
| 0.4  | 0.3  | 0.3  | 0.3  | 0.3  | 0.3  | 0.8  |
| 11.2 | 18.0 | 17.4 | 18.6 | 16.1 | 14.5 | 14.3 |
| 6.4  | 8.2  | 9.5  | 9.4  | 8.5  | 9.4  | 10.5 |
| 2.9  | 4.8  | 4.1  | 3.3  | 5.1  | 3.9  | 5.4  |
| 0.4  | 0.7  | 1.1  | 0.9  | 0.8  | 1.0  | 0.6  |
| 5.4  | 6.8  | 5.9  | 6.3  | 6.8  | 8.2  | 5.4  |
| 0.1  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 4.8  | 5.9  | 3.2  | 3.3  | 9.0  | 3.9  | 1.4  |
| 4.7  | 3.5  | 4.5  | 3.9  | 2.8  | 6.6  | 3.9  |
| 5.0  | 6.0  | 6.3  | 6.2  | 5.1  | 6.4  | 8.1  |
| 1.4  | 3.2  | 2.0  | 3.2  | 1.7  | 3.6  | 2.2  |
| 0.1  | 0.1  | 0.2  | 0.8  | 0.0  | 0.2  | 0.0  |
| 7.7  | 15.1 | 17.1 | 15.6 | 13.1 | 14.8 | 4.9  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 7.4  | 10.2 | 10.3 | 11.9 | 10.5 | 10.8 | 8.0  |
| 0.0  | 0.2  | 1.2  | 0.4  | 0.0  | 0.3  | 0.0  |
| 0.1  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 8.6  | 9.4  | 12.3 | 12.2 | 11.9 | 12.4 | 7.1  |
| 2.9  | 3.1  | 2.0  | 4.0  | 3.9  | 2.4  | 3.2  |
| 5.5  | 9.5  | 9.6  | 11.5 | 8.4  | 10.2 | 9.2  |
| 2.6  | 3.8  | 5.8  | 2.0  | 6.8  | 3.9  | 1.3  |
| 0.6  | 1.0  | 1.2  | 1.3  | 1.0  | 1.4  | 0.6  |
| 1.0  | 0.9  | 1.5  | 0.7  | 1.0  | 1.3  | 0.3  |
| 10.5 | 10.7 | 8.6  | 8.0  | 7.9  | 3.8  | 2.4  |
| 1.2  | 1.3  | 0.6  | 0.7  | 1.2  | 1.3  | 0.7  |
| 1.0  | 0.9  | 1.6  | 1.7  | 1.6  | 1.5  | 2.2  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 50.9 | 56.4 | 50.5 | 54.1 | 63.8 | 63.7 | 44.3 |
| 13.1 | 17.4 | 16.9 | 19.4 | 15.7 | 16.4 | 26.6 |
| 8.6  | 12.3 | 8.1  | 9.3  | 14.1 | 15.2 | 4.4  |
| 0.1  | 0.3  | 0.4  | 0.2  | 0.6  | 0.5  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 3.3  | 4.1  | 3.1  | 2.7  | 4.3  | 5.3  | 5.2  |
| 3.0  | 4.6  | 6.5  | 5.6  | 4.6  | 6.2  | 2.8  |
| 7.3  | 8.3  | 8.8  | 9.4  | 10.5 | 6.8  | 3.7  |
| 1.8  | 1.9  | 1.7  | 1.5  | 2.6  | 2.0  | 0.5  |
| 9.1  | 11.9 | 9.0  | 9.5  | 12.0 | 14.0 | 6.2  |
| 0.3  | 0.8  | 1.1  | 0.4  | 0.6  | 0.1  | 0.0  |
| 5.7  | 8.8  | 9.0  | 8.5  | 10.0 | 11.0 | 6.5  |
| 1.7  | 1.6  | 1.6  | 1.7  | 1.8  | 2.0  | 0.9  |
| 2.0  | 2.5  | 1.9  | 1.7  | 2.7  | 3.6  | 1.5  |
| 0.6  | 0.8  | 0.8  | 0.8  | 0.9  | 0.4  | 0.2  |
| 4.0  | 8.6  | 9.5  | 8.9  | 4.9  | 6.8  | 5.4  |
| 24.7 | 28.5 | 29.2 | 31.2 | 28.2 | 28.5 | 36.8 |
| 3.2  | 4.2  | 2.7  | 3.2  | 5.4  | 4.7  | 4.0  |
| 6.5  | 7.0  | 10.7 | 9.0  | 8.7  | 9.6  | 4.9  |

|      |      |      |       |      |       |      |
|------|------|------|-------|------|-------|------|
| 1.8  | 1.5  | 3.2  | 3.5   | 1.6  | 1.6   | 2.6  |
| 4.9  | 10.0 | 5.3  | 3.5   | 6.7  | 8.4   | 2.3  |
| 0.0  | 0.0  | 0.0  | 0.1   | 0.0  | 0.0   | 0.0  |
| 10.7 | 12.9 | 12.0 | 13.4  | 16.8 | 13.0  | 7.2  |
| 1.7  | 1.8  | 2.2  | 2.3   | 2.8  | 1.4   | 1.3  |
| 9.8  | 2.5  | 6.1  | 6.6   | 7.0  | 8.9   | 6.7  |
| 0.0  | 0.0  | 0.0  | 0.1   | 0.1  | 0.1   | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.2   | 0.3  | 0.1   | 0.0  |
| 78.4 | 60.9 | 84.1 | 100.7 | 76.7 | 101.6 | 89.3 |
| 0.7  | 1.8  | 2.5  | 1.7   | 0.9  | 1.4   | 0.3  |
| 0.0  | 0.0  | 0.0  | 0.1   | 0.0  | 0.1   | 0.0  |
| 11.3 | 11.7 | 12.4 | 11.9  | 17.4 | 26.7  | 13.5 |
| 2.0  | 3.2  | 2.0  | 2.2   | 3.0  | 2.8   | 2.4  |
| 2.3  | 3.2  | 3.3  | 2.0   | 5.0  | 5.2   | 1.1  |
| 21.9 | 21.7 | 14.0 | 13.7  | 26.7 | 24.2  | 13.0 |
| 9.4  | 12.2 | 13.1 | 14.1  | 11.7 | 13.3  | 12.3 |
| 0.9  | 0.9  | 0.4  | 0.6   | 0.4  | 1.3   | 0.9  |
| 2.3  | 3.1  | 2.1  | 2.0   | 3.9  | 2.6   | 1.5  |
| 7.6  | 7.8  | 6.0  | 6.6   | 9.0  | 8.6   | 9.0  |
| 3.1  | 3.6  | 3.9  | 3.6   | 6.4  | 5.4   | 1.6  |
| 6.9  | 12.9 | 10.1 | 9.2   | 10.2 | 12.0  | 3.2  |
| 0.4  | 0.2  | 0.3  | 0.5   | 0.5  | 0.3   | 0.0  |
| 0.6  | 1.7  | 4.0  | 3.5   | 1.5  | 2.8   | 0.6  |
| 10.8 | 8.1  | 11.4 | 13.7  | 10.9 | 11.5  | 17.5 |
| 14.7 | 24.8 | 23.0 | 26.2  | 18.1 | 17.7  | 27.0 |
| 42.3 | 53.6 | 52.9 | 65.1  | 49.9 | 48.9  | 51.1 |
| 0.3  | 0.2  | 1.0  | 0.6   | 0.2  | 0.3   | 0.9  |
| 1.2  | 1.1  | 0.9  | 0.9   | 0.7  | 1.6   | 1.3  |
| 1.4  | 1.8  | 1.2  | 2.4   | 1.5  | 1.0   | 1.0  |
| 8.0  | 5.0  | 4.2  | 6.7   | 5.7  | 8.8   | 12.4 |
| 1.9  | 2.7  | 2.4  | 2.4   | 2.4  | 3.8   | 1.7  |
| 5.0  | 6.4  | 4.9  | 5.1   | 5.8  | 5.2   | 1.7  |
| 4.1  | 5.0  | 4.2  | 5.3   | 6.8  | 6.0   | 2.0  |
| 10.3 | 11.4 | 9.7  | 10.1  | 12.2 | 12.8  | 8.4  |
| 1.8  | 1.8  | 1.5  | 1.6   | 2.4  | 2.8   | 0.6  |
| 1.4  | 1.4  | 1.1  | 1.9   | 1.4  | 1.6   | 0.4  |
| 0.1  | 0.2  | 0.3  | 0.2   | 0.1  | 0.2   | 0.0  |
| 2.0  | 3.2  | 1.6  | 1.8   | 2.8  | 3.3   | 1.5  |
| 0.2  | 0.0  | 0.1  | 0.2   | 0.0  | 0.0   | 0.0  |
| 3.3  | 4.8  | 6.8  | 4.8   | 7.0  | 5.5   | 1.5  |
| 0.0  | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 0.5  | 0.4  | 0.0  | 0.4   | 0.4  | 0.4   | 0.0  |
| 2.6  | 2.5  | 1.9  | 2.3   | 2.5  | 2.8   | 1.6  |
| 2.0  | 2.6  | 3.1  | 3.9   | 4.1  | 3.0   | 3.5  |
| 27.3 | 35.1 | 34.8 | 44.6  | 33.1 | 37.4  | 49.0 |
| 5.2  | 3.8  | 4.6  | 5.0   | 7.3  | 6.2   | 3.9  |
| 0.0  | 0.0  | 0.1  | 0.0   | 0.0  | 0.0   | 0.0  |

|       |        |       |        |        |       |        |
|-------|--------|-------|--------|--------|-------|--------|
| 1.3   | 3.0    | 2.7   | 3.3    | 2.8    | 1.7   | 3.0    |
| 0.0   | 0.0    | 0.2   | 0.1    | 0.1    | 0.1   | 0.0    |
| 0.2   | 0.2    | 0.8   | 1.4    | 0.4    | 0.6   | 1.6    |
| 3.7   | 3.6    | 6.0   | 6.4    | 5.0    | 4.6   | 5.7    |
| 2.1   | 2.7    | 1.7   | 1.8    | 3.8    | 3.4   | 0.3    |
| 3.0   | 2.6    | 3.8   | 3.9    | 3.6    | 4.2   | 2.6    |
| 0.0   | 0.0    | 0.0   | 0.1    | 0.1    | 0.1   | 0.1    |
| 4.8   | 5.0    | 2.0   | 2.3    | 4.0    | 6.9   | 4.9    |
| 3.1   | 4.0    | 1.4   | 1.6    | 3.3    | 2.5   | 1.4    |
| 1.9   | 2.8    | 2.2   | 2.9    | 2.4    | 2.5   | 2.6    |
| 4.2   | 5.9    | 3.8   | 3.7    | 4.1    | 5.1   | 6.2    |
| 1.4   | 2.0    | 1.9   | 0.9    | 1.6    | 1.6   | 0.0    |
| 618.3 | 1028.5 | 941.5 | 1132.6 | 1040.5 | 952.3 | 1105.8 |
| 0.0   | 0.1    | 0.1   | 0.1    | 0.1    | 0.0   | 0.0    |
| 1.9   | 2.8    | 4.0   | 3.2    | 3.7    | 4.5   | 1.3    |
| 0.9   | 0.9    | 1.2   | 0.9    | 1.9    | 0.8   | 0.0    |
| 0.1   | 0.2    | 0.4   | 0.4    | 0.0    | 0.1   | 0.0    |
| 0.0   | 0.0    | 0.0   | 0.0    | 0.0    | 0.0   | 0.0    |
| 1.0   | 0.6    | 1.1   | 1.3    | 1.4    | 1.1   | 2.9    |
| 1.2   | 1.9    | 4.0   | 3.5    | 2.1    | 2.8   | 1.3    |
| 0.1   | 0.1    | 0.2   | 0.3    | 0.2    | 0.0   | 0.0    |
| 0.1   | 0.6    | 1.2   | 0.9    | 0.4    | 1.3   | 0.0    |
| 3.8   | 3.4    | 3.0   | 2.4    | 6.0    | 3.3   | 1.9    |
| 0.5   | 0.9    | 1.0   | 0.9    | 0.9    | 1.8   | 2.0    |
| 0.0   | 0.0    | 0.2   | 0.1    | 0.0    | 0.0   | 0.0    |
| 0.1   | 0.2    | 0.2   | 0.1    | 0.2    | 0.1   | 0.0    |
| 26.8  | 38.5   | 34.7  | 39.1   | 42.4   | 32.5  | 38.2   |
| 0.1   | 0.5    | 0.5   | 0.5    | 0.3    | 0.3   | 0.0    |
| 1.6   | 1.4    | 1.8   | 2.0    | 1.5    | 1.8   | 2.6    |
| 0.0   | 0.3    | 0.1   | 0.1    | 0.0    | 0.0   | 0.0    |
| 3.5   | 4.1    | 8.1   | 8.1    | 5.3    | 6.9   | 4.7    |
| 77.9  | 76.3   | 42.5  | 57.2   | 55.8   | 58.5  | 111.6  |
| 0.1   | 0.0    | 0.0   | 0.3    | 0.0    | 0.0   | 3.3    |
| 1.3   | 0.9    | 0.7   | 0.7    | 1.6    | 1.4   | 0.8    |
| 13.2  | 18.7   | 20.0  | 22.9   | 16.4   | 18.9  | 24.3   |
| 0.1   | 0.0    | 0.0   | 0.0    | 0.0    | 0.0   | 0.0    |
| 0.0   | 0.0    | 0.1   | 0.2    | 0.3    | 0.5   | 0.0    |
| 0.0   | 0.0    | 0.0   | 0.0    | 0.0    | 0.0   | 0.0    |
| 0.1   | 0.0    | 0.1   | 0.1    | 0.0    | 0.0   | 0.0    |
| 0.1   | 0.1    | 0.1   | 0.4    | 0.2    | 0.3   | 0.0    |
| 4.4   | 4.6    | 3.7   | 3.1    | 3.0    | 5.3   | 3.0    |
| 495.6 | 382.4  | 433.8 | 446.3  | 541.3  | 541.9 | 696.3  |
| 0.1   | 0.0    | 0.2   | 0.1    | 0.1    | 0.0   | 0.0    |
| 0.6   | 0.3    | 0.4   | 0.5    | 0.7    | 0.7   | 0.3    |
| 0.1   | 0.0    | 0.1   | 0.1    | 0.3    | 0.1   | 0.0    |
| 0.0   | 0.0    | 0.0   | 0.0    | 0.0    | 0.0   | 0.1    |
| 2.3   | 3.5    | 5.6   | 6.5    | 4.4    | 5.1   | 4.1    |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 69.6 | 53.2 | 59.9 | 64.1 | 70.8 | 60.1 | 76.5 |
| 1.5  | 2.1  | 0.9  | 1.7  | 1.9  | 1.0  | 1.4  |
| 2.1  | 2.2  | 3.0  | 2.7  | 3.0  | 3.3  | 3.6  |
| 1.6  | 3.4  | 6.1  | 5.2  | 2.6  | 5.7  | 1.5  |
| 1.3  | 1.1  | 0.9  | 1.5  | 1.2  | 1.9  | 0.1  |
| 0.4  | 0.9  | 2.0  | 2.1  | 0.9  | 1.4  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.6  | 0.0  | 0.1  | 0.0  |
| 0.5  | 0.6  | 1.5  | 2.0  | 0.8  | 0.7  | 0.0  |
| 4.9  | 4.8  | 4.9  | 5.2  | 7.8  | 6.7  | 1.9  |
| 2.8  | 3.9  | 4.5  | 5.2  | 2.3  | 4.8  | 2.0  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.4  | 0.5  | 0.4  | 0.4  | 0.9  | 0.5  | 0.3  |
| 0.6  | 0.3  | 0.4  | 0.5  | 0.5  | 1.0  | 1.0  |
| 2.1  | 3.9  | 2.8  | 4.2  | 6.4  | 4.1  | 1.0  |
| 6.7  | 6.6  | 6.3  | 6.1  | 7.1  | 10.6 | 4.6  |
| 5.9  | 9.4  | 6.8  | 7.1  | 8.0  | 9.8  | 6.6  |
| 0.0  | 0.0  | 0.2  | 0.3  | 0.1  | 0.2  | 0.0  |
| 2.7  | 4.3  | 3.3  | 3.3  | 4.7  | 4.4  | 3.3  |
| 1.7  | 1.5  | 1.6  | 1.8  | 1.4  | 2.0  | 1.3  |
| 53.4 | 30.4 | 44.0 | 58.7 | 44.9 | 45.7 | 76.3 |
| 3.3  | 5.5  | 5.2  | 6.1  | 6.2  | 8.2  | 11.1 |
| 0.1  | 0.1  | 0.0  | 0.1  | 0.0  | 0.2  | 0.0  |
| 32.1 | 43.8 | 54.3 | 57.2 | 46.5 | 42.7 | 37.0 |
| 0.5  | 0.4  | 1.0  | 0.7  | 0.4  | 0.6  | 0.4  |
| 10.6 | 15.1 | 5.1  | 4.1  | 10.3 | 18.9 | 4.3  |
| 0.1  | 0.0  | 0.3  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.4  | 0.5  | 0.9  | 1.0  | 0.3  | 0.2  | 0.0  |
| 0.0  | 0.2  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.4  | 0.2  | 1.7  | 0.8  | 0.4  | 1.6  | 1.5  |
| 0.5  | 1.0  | 1.1  | 1.5  | 1.0  | 1.0  | 0.6  |
| 0.5  | 0.5  | 0.7  | 0.8  | 0.1  | 0.8  | 0.0  |
| 0.7  | 1.5  | 3.4  | 2.4  | 1.9  | 3.1  | 0.3  |
| 2.8  | 3.0  | 5.5  | 4.7  | 2.2  | 3.7  | 0.0  |
| 3.0  | 4.4  | 4.6  | 6.1  | 4.6  | 5.7  | 6.1  |
| 0.5  | 0.6  | 0.4  | 0.6  | 0.5  | 0.9  | 1.0  |
| 5.8  | 5.3  | 7.9  | 8.3  | 8.1  | 7.0  | 7.9  |
| 0.2  | 0.1  | 0.2  | 0.5  | 0.7  | 0.4  | 0.0  |
| 8.1  | 10.0 | 14.0 | 15.7 | 11.9 | 13.6 | 7.9  |
| 5.4  | 5.0  | 4.8  | 5.5  | 7.1  | 4.2  | 1.0  |
| 1.3  | 1.1  | 1.6  | 1.5  | 2.7  | 2.0  | 1.2  |
| 14.1 | 16.8 | 19.0 | 18.1 | 19.7 | 21.2 | 15.7 |
| 2.6  | 2.9  | 4.0  | 2.7  | 2.8  | 5.1  | 0.0  |
| 0.4  | 0.3  | 0.6  | 0.6  | 0.4  | 0.5  | 0.8  |
| 0.1  | 0.0  | 0.2  | 0.4  | 0.0  | 0.0  | 0.0  |
| 9.3  | 13.2 | 11.5 | 11.2 | 12.6 | 8.0  | 6.5  |
| 0.1  | 0.1  | 0.6  | 0.3  | 0.0  | 0.5  | 0.0  |

|      |      |      |      |      |      |       |
|------|------|------|------|------|------|-------|
| 8.1  | 9.8  | 6.9  | 6.9  | 10.8 | 11.8 | 3.2   |
| 0.1  | 0.7  | 1.1  | 1.3  | 0.2  | 1.1  | 0.0   |
| 1.2  | 2.2  | 1.4  | 1.4  | 1.6  | 1.5  | 0.8   |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.1  | 0.0  | 0.0   |
| 0.0  | 0.2  | 0.4  | 1.0  | 0.0  | 0.5  | 0.0   |
| 0.4  | 0.4  | 0.7  | 0.6  | 0.7  | 0.8  | 0.0   |
| 0.3  | 0.4  | 0.2  | 0.3  | 0.6  | 0.6  | 0.0   |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.1  | 0.3  | 0.0   |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0   |
| 0.0  | 0.2  | 1.4  | 0.2  | 0.0  | 0.0  | 0.0   |
| 15.6 | 15.9 | 15.1 | 22.5 | 21.0 | 15.0 | 44.3  |
| 0.1  | 0.0  | 0.4  | 0.5  | 0.0  | 0.0  | 0.0   |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0   |
| 0.0  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   |
| 15.5 | 18.5 | 16.6 | 17.9 | 20.5 | 20.9 | 17.1  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0   |
| 23.8 | 23.1 | 21.2 | 28.0 | 22.4 | 23.1 | 29.1  |
| 0.0  | 0.2  | 0.3  | 0.1  | 0.0  | 0.1  | 0.0   |
| 22.2 | 20.8 | 10.2 | 12.7 | 17.3 | 21.8 | 12.1  |
| 9.9  | 12.3 | 9.2  | 10.0 | 15.2 | 14.1 | 3.2   |
| 9.5  | 9.7  | 10.9 | 15.0 | 12.0 | 12.4 | 15.0  |
| 24.5 | 21.4 | 18.3 | 21.4 | 20.5 | 25.5 | 27.3  |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.0  | 0.2  | 0.0   |
| 0.0  | 0.1  | 1.4  | 0.3  | 0.0  | 0.8  | 0.0   |
| 14.8 | 13.2 | 22.5 | 26.7 | 17.0 | 19.8 | 30.2  |
| 10.2 | 6.7  | 6.8  | 8.3  | 10.3 | 10.7 | 9.7   |
| 9.3  | 9.9  | 10.0 | 9.1  | 15.0 | 10.6 | 13.5  |
| 8.5  | 10.0 | 6.7  | 7.3  | 12.3 | 11.9 | 1.6   |
| 7.7  | 7.8  | 8.1  | 8.0  | 6.2  | 9.7  | 12.0  |
| 0.4  | 1.0  | 2.0  | 2.0  | 0.6  | 1.4  | 0.0   |
| 8.5  | 14.0 | 17.2 | 15.0 | 10.8 | 14.1 | 13.4  |
| 5.6  | 7.3  | 7.2  | 6.2  | 8.9  | 7.8  | 3.5   |
| 0.2  | 0.3  | 0.9  | 0.2  | 0.1  | 0.0  | 0.0   |
| 3.1  | 3.9  | 6.5  | 5.4  | 4.8  | 8.7  | 7.7   |
| 5.0  | 3.6  | 3.4  | 3.6  | 6.6  | 5.2  | 1.9   |
| 4.8  | 6.2  | 6.4  | 5.6  | 6.0  | 5.4  | 4.3   |
| 0.9  | 0.6  | 1.9  | 1.2  | 2.0  | 1.5  | 0.1   |
| 1.0  | 0.3  | 1.6  | 1.9  | 0.6  | 1.4  | 0.0   |
| 3.3  | 4.1  | 4.0  | 4.6  | 4.0  | 5.7  | 9.4   |
| 0.2  | 0.3  | 0.5  | 0.7  | 0.2  | 0.2  | 0.0   |
| 12.1 | 14.0 | 16.4 | 20.6 | 20.1 | 12.9 | 13.9  |
| 13.8 | 21.5 | 17.9 | 19.9 | 21.5 | 25.9 | 23.6  |
| 0.4  | 0.4  | 1.3  | 1.3  | 0.4  | 1.8  | 1.9   |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.1  | 0.6  | 0.0   |
| 65.7 | 71.0 | 82.0 | 97.5 | 67.2 | 65.9 | 109.4 |
| 8.0  | 10.2 | 9.9  | 12.0 | 9.4  | 7.8  | 14.1  |
| 0.2  | 0.0  | 0.2  | 0.1  | 0.3  | 0.2  | 0.0   |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 2.6   | 2.5   | 2.1   | 3.0   | 4.6   | 2.9   | 4.2   |
| 0.7   | 0.7   | 0.7   | 1.2   | 0.0   | 0.9   | 0.0   |
| 1.2   | 1.3   | 1.1   | 1.4   | 1.3   | 1.8   | 0.6   |
| 136.5 | 28.3  | 53.2  | 23.7  | 35.4  | 88.9  | 702.6 |
| 2.5   | 3.2   | 3.1   | 2.4   | 4.5   | 1.5   | 3.1   |
| 2.5   | 2.9   | 3.6   | 4.1   | 2.9   | 4.6   | 2.3   |
| 2.4   | 3.2   | 2.9   | 3.6   | 3.0   | 2.7   | 2.5   |
| 0.3   | 0.4   | 0.5   | 0.6   | 0.7   | 0.5   | 0.3   |
| 1.6   | 1.5   | 2.0   | 1.9   | 1.8   | 1.2   | 0.6   |
| 0.0   | 0.1   | 1.0   | 0.3   | 0.0   | 1.0   | 0.0   |
| 30.1  | 36.8  | 34.6  | 33.4  | 31.4  | 27.9  | 11.4  |
| 5.1   | 5.1   | 3.2   | 3.9   | 4.2   | 6.9   | 0.9   |
| 1.5   | 1.3   | 1.4   | 0.8   | 1.9   | 0.7   | 2.1   |
| 0.2   | 0.0   | 0.0   | 0.3   | 0.0   | 0.0   | 0.0   |
| 2.9   | 4.1   | 4.7   | 3.9   | 4.4   | 3.6   | 2.1   |
| 0.1   | 0.2   | 0.5   | 0.4   | 0.3   | 0.1   | 0.0   |
| 1.4   | 1.8   | 3.3   | 2.9   | 1.0   | 3.7   | 1.6   |
| 25.3  | 23.5  | 26.2  | 30.3  | 28.5  | 32.0  | 33.0  |
| 2.1   | 2.7   | 2.7   | 3.1   | 3.4   | 3.2   | 2.6   |
| 15.1  | 19.2  | 18.3  | 15.4  | 15.8  | 12.5  | 15.8  |
| 5.6   | 5.7   | 7.4   | 6.9   | 7.5   | 6.6   | 4.1   |
| 6.9   | 8.3   | 9.1   | 8.6   | 6.3   | 10.5  | 6.5   |
| 15.1  | 12.0  | 10.7  | 14.2  | 14.3  | 17.5  | 25.7  |
| 0.9   | 0.7   | 1.0   | 1.7   | 0.9   | 1.2   | 1.4   |
| 30.5  | 28.4  | 21.5  | 20.0  | 21.3  | 25.8  | 21.2  |
| 0.0   | 0.0   | 0.6   | 0.8   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 3.6   | 2.9   | 3.9   | 3.4   | 2.6   | 6.5   | 3.7   |
| 5.4   | 6.0   | 5.6   | 5.7   | 6.3   | 6.6   | 3.4   |
| 359.7 | 573.7 | 360.7 | 385.7 | 416.8 | 435.2 | 418.2 |
| 14.2  | 23.4  | 21.8  | 23.3  | 25.5  | 20.7  | 22.2  |
| 4.7   | 5.7   | 7.0   | 6.2   | 7.0   | 7.1   | 8.5   |
| 20.3  | 19.9  | 16.9  | 19.8  | 18.7  | 18.0  | 19.5  |
| 0.2   | 0.4   | 0.5   | 0.4   | 0.4   | 0.5   | 0.5   |
| 0.0   | 0.1   | 0.2   | 0.3   | 0.1   | 0.1   | 0.0   |
| 0.1   | 0.1   | 0.2   | 0.3   | 0.1   | 0.2   | 0.3   |
| 12.7  | 12.1  | 14.4  | 13.5  | 13.9  | 8.6   | 16.2  |
| 26.1  | 37.2  | 31.4  | 31.5  | 24.0  | 32.1  | 35.7  |
| 8.9   | 12.0  | 10.9  | 10.7  | 16.9  | 16.3  | 11.4  |
| 0.0   | 0.0   | 0.1   | 0.2   | 0.1   | 0.1   | 0.0   |
| 11.8  | 12.7  | 11.4  | 12.2  | 15.4  | 17.3  | 8.2   |
| 0.0   | 0.1   | 0.0   | 0.3   | 0.0   | 0.3   | 0.0   |
| 10.2  | 11.5  | 10.1  | 11.0  | 12.5  | 9.8   | 7.6   |
| 1.2   | 1.2   | 1.8   | 1.4   | 1.9   | 1.8   | 3.6   |
| 10.5  | 10.3  | 9.1   | 9.9   | 14.2  | 10.4  | 4.1   |
| 4.7   | 6.8   | 7.7   | 6.1   | 7.2   | 7.9   | 8.5   |
| 0.0   | 0.0   | 0.2   | 0.4   | 0.0   | 0.0   | 0.0   |



|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 8.2   | 10.5  | 11.9  | 12.2  | 10.5  | 8.6   | 11.0  |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 12.2  | 10.9  | 4.7   | 5.0   | 9.4   | 16.1  | 4.2   |
| 43.9  | 40.6  | 48.8  | 60.1  | 53.2  | 41.2  | 47.3  |
| 3.0   | 5.8   | 6.4   | 5.3   | 5.7   | 5.3   | 1.2   |
| 11.1  | 14.4  | 13.5  | 11.7  | 18.0  | 16.2  | 8.6   |
| 0.2   | 0.0   | 0.0   | 0.4   | 0.0   | 0.6   | 0.0   |
| 2.5   | 4.0   | 3.0   | 3.2   | 2.8   | 3.8   | 1.5   |
| 10.0  | 10.7  | 10.7  | 12.1  | 15.3  | 13.8  | 11.8  |
| 6.8   | 8.1   | 7.5   | 7.4   | 10.3  | 8.0   | 4.3   |
| 5.6   | 6.0   | 6.0   | 5.9   | 5.4   | 7.7   | 5.6   |
| 0.1   | 0.1   | 0.4   | 0.1   | 0.1   | 0.1   | 0.0   |
| 9.0   | 7.6   | 4.6   | 3.7   | 5.5   | 13.8  | 7.6   |
| 7.8   | 9.4   | 12.2  | 12.1  | 10.1  | 7.7   | 7.3   |
| 3.3   | 3.1   | 4.9   | 6.4   | 5.4   | 4.1   | 3.7   |
| 0.1   | 0.1   | 0.2   | 0.4   | 0.1   | 0.2   | 0.0   |
| 0.5   | 0.7   | 0.9   | 0.8   | 0.8   | 1.1   | 0.5   |
| 4.4   | 5.2   | 5.1   | 5.8   | 5.2   | 5.5   | 4.1   |
| 0.0   | 0.1   | 0.0   | 0.2   | 0.0   | 0.2   | 0.0   |
| 1.6   | 1.6   | 1.3   | 1.0   | 2.0   | 1.9   | 1.5   |
| 0.2   | 0.3   | 0.4   | 0.3   | 0.4   | 0.3   | 0.3   |
| 27.3  | 31.1  | 35.9  | 36.8  | 34.8  | 38.7  | 42.6  |
| 0.4   | 0.4   | 0.9   | 0.7   | 0.8   | 0.3   | 1.4   |
| 0.1   | 0.0   | 0.1   | 0.0   | 0.0   | 0.2   | 0.0   |
| 5.7   | 8.7   | 10.7  | 12.6  | 10.6  | 9.0   | 11.7  |
| 0.4   | 0.6   | 1.2   | 1.2   | 1.2   | 1.1   | 0.5   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 8.0   | 9.4   | 7.5   | 7.1   | 8.0   | 8.9   | 9.9   |
| 6.0   | 7.1   | 5.1   | 6.1   | 8.2   | 8.0   | 5.5   |
| 0.0   | 0.1   | 0.1   | 0.4   | 0.1   | 0.9   | 0.0   |
| 12.6  | 14.5  | 16.3  | 16.5  | 16.5  | 19.0  | 17.3  |
| 20.3  | 23.6  | 21.8  | 29.2  | 27.1  | 18.8  | 40.4  |
| 526.5 | 452.9 | 327.8 | 360.6 | 397.4 | 435.0 | 607.7 |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 4.8   | 4.4   | 3.4   | 3.6   | 6.3   | 5.1   | 3.2   |
| 0.1   | 0.2   | 0.6   | 0.5   | 0.1   | 0.0   | 0.0   |
| 0.5   | 0.6   | 1.0   | 0.8   | 0.4   | 1.2   | 0.0   |
| 0.8   | 1.0   | 1.2   | 1.1   | 0.9   | 1.3   | 0.2   |
| 0.5   | 0.6   | 1.2   | 1.0   | 0.4   | 0.9   | 0.2   |
| 0.1   | 0.2   | 0.5   | 0.3   | 0.2   | 0.0   | 0.0   |
| 5.7   | 5.6   | 3.5   | 5.3   | 10.3  | 7.6   | 1.8   |
| 0.1   | 0.1   | 0.1   | 0.3   | 0.1   | 0.1   | 0.0   |
| 0.2   | 0.1   | 0.2   | 0.4   | 0.3   | 0.2   | 0.0   |
| 0.6   | 1.0   | 0.6   | 0.6   | 0.4   | 1.3   | 0.9   |
| 1.7   | 2.8   | 1.9   | 1.9   | 2.2   | 2.9   | 0.6   |
| 0.1   | 0.3   | 0.5   | 0.5   | 0.2   | 0.3   | 0.2   |
| 2.4   | 5.0   | 6.6   | 6.8   | 5.0   | 6.1   | 2.9   |

|       |       |       |       |       |       |        |
|-------|-------|-------|-------|-------|-------|--------|
| 3.0   | 2.8   | 3.3   | 3.0   | 4.3   | 2.8   | 1.9    |
| 2.9   | 3.7   | 3.7   | 3.8   | 5.6   | 6.3   | 3.1    |
| 1.0   | 1.0   | 0.3   | 0.5   | 0.7   | 1.5   | 0.4    |
| 0.0   | 0.1   | 0.1   | 0.2   | 0.0   | 0.0   | 0.0    |
| 1.3   | 2.0   | 4.0   | 1.9   | 1.7   | 1.9   | 4.1    |
| 156.6 | 115.1 | 177.7 | 184.6 | 252.7 | 175.4 | 220.6  |
| 0.0   | 0.0   | 0.2   | 0.2   | 0.0   | 0.0   | 0.0    |
| 5.9   | 6.2   | 7.0   | 8.3   | 6.2   | 6.1   | 9.4    |
| 0.7   | 0.9   | 0.9   | 1.2   | 1.1   | 1.1   | 0.7    |
| 0.1   | 0.3   | 0.3   | 0.3   | 0.2   | 0.0   | 0.0    |
| 0.9   | 1.3   | 1.9   | 2.3   | 1.1   | 1.9   | 1.2    |
| 0.1   | 0.2   | 0.6   | 0.3   | 0.3   | 0.3   | 0.1    |
| 2.7   | 1.8   | 1.2   | 1.3   | 2.2   | 3.4   | 1.5    |
| 11.4  | 21.1  | 22.5  | 23.8  | 21.4  | 16.6  | 9.3    |
| 5.0   | 5.7   | 4.7   | 6.5   | 8.2   | 9.4   | 4.7    |
| 0.7   | 1.0   | 0.4   | 0.8   | 0.7   | 0.6   | 0.2    |
| 8.9   | 11.9  | 8.3   | 8.0   | 13.8  | 18.6  | 8.4    |
| 0.1   | 0.0   | 0.3   | 0.2   | 0.0   | 0.1   | 0.0    |
| 5.4   | 9.0   | 10.5  | 9.8   | 10.8  | 10.7  | 10.2   |
| 3.3   | 3.7   | 3.2   | 3.7   | 5.2   | 4.2   | 3.8    |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.1   | 0.4   | 0.0    |
| 0.4   | 0.5   | 0.5   | 0.9   | 0.7   | 0.6   | 1.1    |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    |
| 0.0   | 0.1   | 0.0   | 0.1   | 0.0   | 0.1   | 0.0    |
| 0.4   | 0.3   | 0.1   | 0.7   | 0.0   | 0.8   | 0.0    |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    |
| 5.6   | 7.1   | 8.7   | 7.4   | 10.2  | 6.5   | 5.6    |
| 5.4   | 5.1   | 3.6   | 4.4   | 5.9   | 5.8   | 3.8    |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    |
| 8.0   | 8.3   | 9.7   | 11.4  | 9.4   | 11.4  | 10.0   |
| 4.2   | 7.0   | 9.1   | 8.0   | 7.3   | 7.6   | 4.9    |
| 0.0   | 0.1   | 0.1   | 0.1   | 0.4   | 0.1   | 0.0    |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.2   | 0.0    |
| 3.5   | 3.4   | 2.8   | 3.7   | 3.9   | 2.6   | 0.6    |
| 4.0   | 2.7   | 3.9   | 3.0   | 4.3   | 6.1   | 3.5    |
| 1.1   | 1.3   | 0.9   | 1.1   | 1.4   | 1.8   | 0.8    |
| 20.2  | 25.7  | 17.7  | 15.8  | 24.2  | 27.6  | 6.1    |
| 0.0   | 0.1   | 0.2   | 0.1   | 0.0   | 0.0   | 0.0    |
| 0.0   | 0.1   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0    |
| 46.3  | 103.3 | 44.3  | 48.6  | 45.9  | 84.0  | 117.4  |
| 690.6 | 920.5 | 573.5 | 691.6 | 555.5 | 663.3 | 1020.9 |
| 0.0   | 0.1   | 0.0   | 0.3   | 0.0   | 0.0   | 0.0    |
| 3.4   | 3.7   | 2.6   | 3.0   | 4.9   | 4.2   | 1.9    |
| 12.7  | 15.0  | 14.9  | 14.7  | 17.1  | 16.6  | 13.2   |
| 0.5   | 1.1   | 1.2   | 0.8   | 0.7   | 1.0   | 0.2    |
| 1.6   | 2.2   | 2.5   | 2.0   | 1.9   | 0.9   | 0.4    |
| 5.5   | 5.4   | 6.0   | 7.0   | 6.6   | 6.0   | 7.0    |

|      |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|
| 9.9  | 13.0  | 17.1  | 16.2  | 15.6  | 12.1  | 15.3  |
| 0.1  | 0.1   | 0.6   | 0.4   | 0.1   | 0.2   | 0.0   |
| 0.2  | 0.4   | 0.4   | 0.8   | 0.2   | 0.7   | 0.0   |
| 6.1  | 10.5  | 12.6  | 10.6  | 8.4   | 6.5   | 9.7   |
| 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.0   |
| 0.7  | 0.9   | 0.4   | 0.6   | 1.3   | 0.6   | 0.6   |
| 2.9  | 3.0   | 3.6   | 3.4   | 3.4   | 3.9   | 3.0   |
| 0.0  | 0.1   | 0.1   | 0.4   | 0.1   | 0.0   | 0.0   |
| 0.0  | 0.0   | 0.5   | 0.2   | 0.1   | 0.1   | 0.0   |
| 0.0  | 0.0   | 0.2   | 0.2   | 0.0   | 0.2   | 0.0   |
| 2.0  | 1.6   | 1.2   | 1.4   | 2.2   | 2.1   | 0.9   |
| 0.0  | 0.0   | 1.1   | 0.8   | 0.0   | 1.6   | 0.0   |
| 4.3  | 6.6   | 7.8   | 9.4   | 7.3   | 7.9   | 10.1  |
| 6.1  | 12.9  | 15.1  | 15.0  | 14.9  | 16.5  | 5.7   |
| 0.1  | 0.1   | 0.8   | 0.4   | 0.2   | 0.4   | 0.0   |
| 4.4  | 4.5   | 4.3   | 5.4   | 6.0   | 6.2   | 4.7   |
| 0.0  | 0.0   | 0.0   | 0.3   | 0.0   | 0.0   | 0.0   |
| 0.0  | 0.0   | 0.2   | 0.3   | 0.0   | 0.2   | 0.0   |
| 0.1  | 0.1   | 0.1   | 0.2   | 0.4   | 0.2   | 0.0   |
| 0.1  | 0.1   | 0.4   | 0.3   | 0.1   | 0.2   | 0.0   |
| 0.0  | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.1  | 0.0   | 0.3   | 0.2   | 0.1   | 0.1   | 0.0   |
| 4.2  | 5.1   | 4.2   | 3.4   | 3.2   | 5.2   | 1.6   |
| 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.1  | 0.1   | 0.6   | 0.5   | 0.1   | 0.5   | 0.0   |
| 83.8 | 118.5 | 147.4 | 150.5 | 133.7 | 147.0 | 128.3 |
| 0.9  | 1.1   | 1.0   | 1.1   | 1.1   | 1.3   | 1.1   |
| 4.6  | 6.0   | 5.2   | 6.3   | 6.3   | 5.2   | 9.9   |
| 13.4 | 15.1  | 13.8  | 17.5  | 17.1  | 17.0  | 9.7   |
| 0.1  | 0.1   | 0.5   | 0.3   | 0.1   | 0.5   | 0.0   |
| 0.3  | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.2   |
| 2.0  | 2.2   | 2.9   | 2.4   | 3.4   | 2.4   | 2.5   |
| 0.4  | 0.5   | 0.4   | 0.6   | 0.5   | 0.6   | 1.0   |
| 3.8  | 5.8   | 2.1   | 2.7   | 5.3   | 5.2   | 7.7   |
| 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 4.6  | 7.9   | 6.8   | 8.6   | 5.4   | 7.4   | 1.8   |
| 3.5  | 5.7   | 5.6   | 5.3   | 6.0   | 4.7   | 1.5   |
| 3.8  | 4.8   | 7.0   | 6.0   | 6.5   | 5.1   | 4.3   |
| 0.1  | 0.3   | 0.2   | 0.5   | 0.3   | 0.3   | 0.0   |
| 3.1  | 3.4   | 3.9   | 5.2   | 3.3   | 4.5   | 4.0   |
| 6.7  | 7.9   | 9.4   | 8.5   | 7.0   | 11.7  | 7.8   |
| 7.9  | 9.9   | 9.6   | 7.4   | 12.8  | 11.9  | 3.1   |
| 40.6 | 41.2  | 33.9  | 33.1  | 41.8  | 42.5  | 43.9  |
| 96.8 | 147.7 | 124.9 | 124.4 | 122.1 | 126.2 | 128.2 |
| 0.2  | 0.1   | 0.5   | 0.6   | 0.0   | 0.5   | 0.0   |
| 0.7  | 0.8   | 1.1   | 0.8   | 1.2   | 1.4   | 0.7   |
| 23.1 | 22.5  | 29.4  | 32.8  | 30.9  | 26.6  | 33.4  |

|         |        |        |        |        |        |        |
|---------|--------|--------|--------|--------|--------|--------|
| 24.5    | 34.6   | 32.8   | 35.6   | 29.6   | 35.4   | 27.5   |
| 3.1     | 5.0    | 3.5    | 3.2    | 3.9    | 4.6    | 0.4    |
| 0.6     | 0.7    | 1.0    | 1.0    | 1.0    | 1.2    | 0.0    |
| 62.0    | 71.6   | 50.3   | 49.8   | 73.1   | 66.5   | 46.4   |
| 0.0     | 0.1    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 0.8     | 0.8    | 0.5    | 0.4    | 0.5    | 1.0    | 0.1    |
| 14.1    | 19.1   | 19.7   | 22.0   | 17.7   | 22.8   | 25.8   |
| 0.1     | 0.1    | 0.3    | 0.2    | 0.1    | 0.2    | 0.0    |
| 7.6     | 8.8    | 10.2   | 13.3   | 10.3   | 10.2   | 7.8    |
| 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 6.0     | 3.8    | 5.0    | 4.9    | 5.6    | 3.6    | 8.0    |
| 0.0     | 0.1    | 0.9    | 0.4    | 0.0    | 0.1    | 0.0    |
| 0.1     | 0.1    | 0.2    | 0.1    | 0.0    | 0.2    | 0.0    |
| 0.3     | 0.5    | 0.7    | 0.4    | 0.4    | 0.9    | 0.0    |
| 2.5     | 3.1    | 8.4    | 7.3    | 3.3    | 6.1    | 3.4    |
| 1.4     | 1.1    | 1.3    | 1.0    | 1.1    | 1.6    | 0.0    |
| 3.2     | 3.8    | 5.1    | 4.5    | 5.1    | 6.6    | 0.4    |
| 2.4     | 4.0    | 4.8    | 4.4    | 2.5    | 4.4    | 1.2    |
| 4.5     | 5.4    | 5.0    | 4.6    | 6.0    | 6.2    | 2.3    |
| 0.1     | 0.1    | 0.3    | 0.4    | 0.1    | 0.2    | 0.1    |
| 0.0     | 0.0    | 0.1    | 0.1    | 0.0    | 0.0    | 0.0    |
| 0.0     | 0.1    | 0.3    | 0.5    | 0.2    | 0.1    | 0.0    |
| 512.4   | 869.4  | 680.0  | 579.9  | 889.1  | 948.5  | 174.3  |
| 0.3     | 0.6    | 0.3    | 0.5    | 0.6    | 0.2    | 0.1    |
| 3.5     | 6.0    | 10.6   | 10.1   | 6.4    | 7.7    | 1.8    |
| 0.0     | 0.1    | 0.1    | 0.5    | 0.2    | 0.2    | 0.0    |
| 0.0     | 0.2    | 0.4    | 0.1    | 0.3    | 0.7    | 0.0    |
| 0.2     | 0.1    | 1.3    | 0.4    | 0.4    | 0.0    | 2.1    |
| 0.8     | 0.7    | 0.9    | 0.7    | 0.9    | 0.4    | 0.0    |
| 0.1     | 0.2    | 0.0    | 0.2    | 0.0    | 0.0    | 0.0    |
| 0.0     | 0.4    | 0.4    | 0.4    | 0.1    | 0.4    | 0.1    |
| 10.2    | 14.8   | 13.4   | 16.9   | 16.7   | 15.1   | 5.7    |
| 2.0     | 1.9    | 2.2    | 1.5    | 2.5    | 3.0    | 1.2    |
| 3.3     | 2.3    | 1.5    | 0.9    | 1.8    | 1.9    | 0.8    |
| 4.5     | 6.8    | 3.2    | 4.7    | 6.1    | 6.8    | 2.7    |
| 6.7     | 13.7   | 21.6   | 17.8   | 11.1   | 23.4   | 7.9    |
| 21.8    | 34.5   | 39.9   | 34.8   | 30.9   | 27.4   | 39.5   |
| 1.7     | 2.0    | 2.9    | 2.7    | 2.8    | 2.7    | 0.7    |
| 11922.6 | 7275.4 | 8754.2 | 5964.7 | 5942.9 | 6674.8 | 6730.2 |
| 0.3     | 0.3    | 0.4    | 0.2    | 0.2    | 0.3    | 0.8    |
| 1.1     | 1.0    | 2.1    | 1.8    | 2.2    | 0.9    | 2.3    |
| 3.9     | 5.0    | 3.7    | 3.9    | 5.1    | 6.2    | 4.7    |
| 2.1     | 2.3    | 2.8    | 2.3    | 3.3    | 3.0    | 1.0    |
| 0.0     | 0.0    | 0.1    | 0.2    | 0.1    | 0.2    | 0.0    |
| 1.8     | 2.1    | 1.7    | 1.4    | 2.9    | 2.1    | 1.6    |
| 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.6    | 0.0    |
| 0.0     | 0.2    | 0.4    | 0.4    | 0.0    | 0.0    | 0.0    |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 9.2  | 7.9  | 7.3  | 8.7  | 12.6 | 8.5  | 19.8 |
| 1.7  | 2.1  | 1.4  | 1.5  | 2.6  | 2.5  | 1.2  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.2  | 0.1  | 0.2  | 0.1  | 0.0  |
| 9.2  | 22.8 | 20.9 | 22.1 | 24.0 | 18.8 | 18.1 |
| 10.4 | 12.7 | 10.5 | 11.9 | 14.9 | 13.8 | 7.8  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.1  | 0.1  | 0.0  |
| 12.9 | 15.2 | 12.0 | 12.6 | 16.7 | 15.6 | 13.6 |
| 0.2  | 0.1  | 0.3  | 0.3  | 0.1  | 0.1  | 0.0  |
| 5.3  | 5.6  | 7.2  | 8.2  | 6.9  | 7.8  | 12.3 |
| 0.3  | 0.3  | 0.8  | 0.3  | 0.6  | 0.6  | 1.8  |
| 0.1  | 0.0  | 0.2  | 0.2  | 0.1  | 0.2  | 0.3  |
| 1.6  | 1.1  | 0.8  | 0.9  | 1.4  | 0.9  | 0.1  |
| 2.2  | 3.6  | 1.0  | 2.9  | 3.5  | 5.6  | 0.6  |
| 0.0  | 0.4  | 0.4  | 0.4  | 0.4  | 0.1  | 0.0  |
| 1.1  | 0.7  | 1.2  | 1.2  | 1.2  | 0.6  | 0.0  |
| 1.1  | 1.2  | 1.2  | 1.3  | 1.7  | 1.4  | 1.2  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.4  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.5  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.9  | 1.3  | 2.1  | 1.9  | 1.6  | 1.8  | 1.8  |
| 27.3 | 17.9 | 23.2 | 28.9 | 26.5 | 21.3 | 47.5 |
| 2.4  | 2.8  | 3.9  | 4.6  | 2.9  | 3.5  | 3.4  |
| 1.8  | 2.0  | 1.7  | 2.2  | 1.6  | 2.8  | 2.0  |
| 6.2  | 6.7  | 4.5  | 4.5  | 5.5  | 7.6  | 3.8  |
| 0.2  | 0.6  | 1.0  | 0.8  | 0.4  | 0.7  | 0.1  |
| 4.0  | 4.2  | 4.4  | 4.5  | 6.0  | 4.4  | 4.1  |
| 0.2  | 0.1  | 1.7  | 0.8  | 0.1  | 0.1  | 0.0  |
| 57.5 | 53.8 | 47.5 | 52.1 | 63.8 | 54.7 | 54.1 |
| 6.9  | 7.2  | 8.1  | 9.1  | 8.2  | 7.4  | 7.4  |
| 7.6  | 10.1 | 9.9  | 8.6  | 8.5  | 12.8 | 10.9 |
| 12.0 | 12.9 | 8.5  | 9.2  | 15.5 | 14.7 | 12.6 |
| 0.5  | 0.8  | 1.0  | 1.0  | 0.5  | 1.2  | 0.0  |
| 3.0  | 4.0  | 3.2  | 3.1  | 6.1  | 6.7  | 1.1  |
| 12.7 | 11.8 | 14.2 | 16.7 | 20.1 | 18.9 | 18.1 |
| 0.2  | 0.3  | 0.2  | 0.4  | 0.3  | 0.5  | 0.0  |
| 0.1  | 0.2  | 0.5  | 0.1  | 0.1  | 0.6  | 0.0  |
| 1.4  | 1.5  | 1.4  | 1.2  | 2.3  | 1.8  | 0.9  |
| 4.9  | 5.8  | 6.5  | 4.7  | 6.1  | 7.3  | 2.3  |
| 18.1 | 21.0 | 10.8 | 11.0 | 12.9 | 16.9 | 15.9 |
| 0.0  | 0.0  | 0.1  | 0.3  | 0.1  | 0.0  | 0.0  |
| 0.2  | 0.3  | 0.8  | 0.8  | 0.2  | 0.2  | 0.1  |
| 13.2 | 14.8 | 14.1 | 14.7 | 17.4 | 13.7 | 13.0 |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 1.1  | 1.5  | 2.1  | 1.9  | 1.7  | 2.0  | 1.3  |
| 0.1  | 0.0  | 0.3  | 0.3  | 0.2  | 0.2  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 3.5  | 3.8  | 3.1  | 3.1  | 3.7  | 4.1  | 2.5  |
| 0.1  | 0.0  | 0.9  | 0.3  | 0.3  | 0.7  | 0.0  |
| 3.5  | 4.2  | 13.0 | 14.8 | 11.0 | 5.2  | 8.3  |
| 9.6  | 9.9  | 13.9 | 12.6 | 13.4 | 11.6 | 8.0  |
| 0.2  | 0.3  | 0.5  | 0.6  | 0.4  | 0.5  | 0.7  |
| 17.9 | 40.9 | 16.4 | 16.7 | 47.7 | 53.6 | 18.2 |
| 8.2  | 9.3  | 7.9  | 8.4  | 9.0  | 12.4 | 10.4 |
| 3.6  | 3.9  | 2.9  | 20.9 | 3.8  | 4.5  | 1.2  |
| 5.5  | 8.4  | 4.9  | 5.3  | 9.1  | 9.1  | 2.2  |
| 35.7 | 38.8 | 32.8 | 30.5 | 42.0 | 42.8 | 18.8 |
| 6.1  | 6.9  | 4.0  | 2.4  | 5.8  | 9.5  | 0.7  |
| 1.2  | 1.2  | 1.2  | 1.0  | 1.4  | 1.3  | 0.8  |
| 1.9  | 2.0  | 2.8  | 3.1  | 2.3  | 3.0  | 3.3  |
| 1.3  | 2.2  | 1.9  | 2.2  | 1.8  | 1.6  | 2.6  |
| 11.6 | 6.8  | 14.7 | 15.6 | 16.2 | 13.5 | 9.2  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.2  | 0.0  |
| 7.4  | 8.7  | 6.1  | 6.9  | 7.2  | 10.2 | 13.9 |
| 0.0  | 0.0  | 0.4  | 0.4  | 0.4  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 22.9 | 31.1 | 25.1 | 28.3 | 37.3 | 33.4 | 15.4 |
| 1.6  | 1.1  | 0.6  | 3.0  | 1.5  | 0.0  | 10.0 |
| 19.0 | 23.6 | 27.9 | 28.7 | 22.5 | 22.2 | 15.3 |
| 0.1  | 0.2  | 0.4  | 0.2  | 0.1  | 0.4  | 0.0  |
| 7.1  | 6.3  | 5.9  | 7.3  | 8.3  | 7.2  | 6.5  |
| 0.2  | 0.2  | 0.5  | 0.3  | 0.7  | 0.3  | 0.0  |
| 18.5 | 21.8 | 28.8 | 26.8 | 26.3 | 20.8 | 34.9 |
| 5.7  | 4.9  | 3.9  | 2.6  | 6.8  | 5.6  | 2.3  |
| 2.6  | 1.5  | 3.8  | 2.7  | 2.7  | 3.6  | 1.1  |
| 0.5  | 0.8  | 1.4  | 0.9  | 0.9  | 1.4  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.2  | 0.2  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.2  | 0.0  |
| 20.1 | 17.4 | 15.1 | 14.9 | 24.6 | 20.6 | 13.2 |
| 4.8  | 8.9  | 9.7  | 9.6  | 9.2  | 9.3  | 7.0  |
| 1.4  | 1.3  | 1.1  | 1.0  | 1.6  | 2.1  | 0.8  |
| 1.1  | 1.2  | 1.8  | 2.4  | 1.3  | 3.0  | 0.2  |
| 0.1  | 0.2  | 0.5  | 0.3  | 0.1  | 0.2  | 0.0  |
| 0.1  | 0.6  | 0.5  | 0.7  | 0.2  | 0.1  | 0.3  |
| 13.4 | 17.2 | 16.5 | 21.8 | 18.2 | 17.7 | 18.1 |
| 4.1  | 6.0  | 9.2  | 8.1  | 5.3  | 6.8  | 4.6  |
| 1.7  | 2.1  | 1.8  | 1.5  | 1.1  | 2.2  | 0.0  |
| 11.8 | 16.4 | 15.3 | 15.0 | 14.2 | 19.8 | 3.1  |
| 2.8  | 2.5  | 1.9  | 2.6  | 3.1  | 3.4  | 0.4  |
| 0.0  | 0.3  | 0.3  | 0.2  | 0.0  | 0.3  | 0.0  |
| 0.3  | 1.0  | 1.6  | 1.7  | 0.8  | 1.6  | 0.2  |
| 2.6  | 1.7  | 1.7  | 1.6  | 2.0  | 3.6  | 2.4  |

|       |       |       |       |       |      |      |
|-------|-------|-------|-------|-------|------|------|
| 2.2   | 1.9   | 2.8   | 2.9   | 3.7   | 3.2  | 3.2  |
| 0.0   | 0.1   | 0.2   | 0.1   | 0.1   | 0.0  | 0.0  |
| 0.1   | 0.0   | 0.2   | 0.0   | 0.0   | 0.1  | 0.0  |
| 1.4   | 2.0   | 1.4   | 1.7   | 1.7   | 1.9  | 2.3  |
| 9.6   | 13.7  | 8.6   | 9.4   | 12.8  | 16.3 | 5.7  |
| 0.6   | 0.6   | 0.5   | 0.5   | 0.6   | 0.5  | 0.1  |
| 0.0   | 0.1   | 0.3   | 0.5   | 0.0   | 0.0  | 0.0  |
| 0.0   | 0.0   | 0.3   | 0.3   | 0.1   | 0.0  | 0.0  |
| 1.6   | 1.4   | 1.8   | 2.0   | 2.5   | 2.2  | 2.6  |
| 0.1   | 0.0   | 0.2   | 0.0   | 0.0   | 0.3  | 0.0  |
| 0.1   | 0.1   | 0.5   | 0.1   | 0.4   | 0.3  | 0.0  |
| 0.6   | 1.4   | 2.1   | 2.1   | 1.1   | 2.0  | 0.6  |
| 3.5   | 7.6   | 10.4  | 9.5   | 6.9   | 8.0  | 5.9  |
| 0.4   | 0.3   | 0.6   | 0.3   | 0.7   | 0.4  | 0.2  |
| 3.1   | 3.2   | 2.4   | 2.5   | 3.3   | 3.8  | 2.3  |
| 1.5   | 2.1   | 1.5   | 1.5   | 2.5   | 1.8  | 2.3  |
| 0.8   | 0.9   | 1.2   | 1.5   | 1.3   | 2.3  | 2.6  |
| 0.0   | 0.1   | 0.9   | 0.2   | 0.0   | 0.5  | 0.1  |
| 0.0   | 0.3   | 0.5   | 0.2   | 0.0   | 0.0  | 0.0  |
| 0.4   | 0.3   | 0.8   | 0.6   | 0.5   | 0.3  | 1.1  |
| 0.1   | 0.0   | 0.6   | 0.3   | 0.0   | 0.2  | 0.0  |
| 2.6   | 2.6   | 2.8   | 2.0   | 3.2   | 2.9  | 4.1  |
| 30.2  | 48.7  | 51.9  | 56.4  | 40.4  | 50.3 | 50.9 |
| 0.5   | 0.8   | 1.5   | 1.3   | 1.0   | 1.9  | 0.3  |
| 17.8  | 24.7  | 21.2  | 23.6  | 24.2  | 25.5 | 21.6 |
| 0.4   | 1.0   | 1.4   | 1.4   | 0.7   | 0.9  | 0.3  |
| 0.1   | 0.1   | 0.1   | 0.3   | 0.0   | 0.1  | 0.0  |
| 12.2  | 9.8   | 14.0  | 11.6  | 11.8  | 11.8 | 12.1 |
| 0.7   | 1.7   | 3.4   | 2.6   | 1.3   | 2.5  | 0.0  |
| 43.8  | 46.6  | 54.7  | 60.2  | 62.3  | 63.6 | 79.8 |
| 0.1   | 0.1   | 0.0   | 0.3   | 0.3   | 0.0  | 0.0  |
| 0.0   | 0.0   | 0.4   | 0.1   | 0.1   | 0.0  | 0.0  |
| 0.2   | 0.0   | 0.0   | 0.0   | 0.0   | 0.2  | 0.0  |
| 6.2   | 8.8   | 8.3   | 8.0   | 6.6   | 8.7  | 7.6  |
| 11.2  | 15.2  | 9.7   | 11.6  | 17.3  | 15.5 | 7.4  |
| 34.3  | 28.0  | 29.4  | 32.1  | 36.6  | 32.4 | 47.7 |
| 103.7 | 147.0 | 104.9 | 134.0 | 121.3 | 96.2 | 81.5 |
| 15.9  | 21.4  | 15.7  | 15.2  | 22.3  | 22.1 | 16.2 |
| 6.3   | 6.1   | 6.8   | 7.0   | 9.0   | 6.9  | 5.1  |
| 0.1   | 0.2   | 1.4   | 1.3   | 0.4   | 0.8  | 0.0  |
| 1.9   | 1.8   | 3.0   | 3.7   | 2.6   | 2.2  | 4.2  |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.1  | 0.0  |
| 0.3   | 0.0   | 1.1   | 0.2   | 0.0   | 0.5  | 0.0  |
| 45.9  | 57.3  | 53.5  | 49.6  | 60.6  | 61.4 | 31.4 |
| 2.6   | 3.7   | 4.3   | 4.1   | 5.0   | 4.0  | 1.9  |
| 17.2  | 18.8  | 21.5  | 22.6  | 21.2  | 21.8 | 20.2 |
| 16.1  | 25.0  | 22.0  | 25.7  | 19.5  | 27.7 | 25.8 |

|       |       |      |       |       |      |      |
|-------|-------|------|-------|-------|------|------|
| 1.6   | 2.1   | 3.8  | 3.4   | 4.2   | 3.3  | 8.2  |
| 1.0   | 1.4   | 2.6  | 2.5   | 1.8   | 1.3  | 2.0  |
| 4.4   | 4.1   | 3.2  | 3.2   | 5.9   | 7.3  | 4.6  |
| 0.1   | 0.1   | 0.1  | 0.1   | 0.3   | 0.1  | 0.1  |
| 0.1   | 0.3   | 0.4  | 0.0   | 0.0   | 0.2  | 0.0  |
| 6.1   | 8.5   | 4.3  | 4.5   | 8.0   | 7.0  | 3.6  |
| 0.4   | 0.2   | 0.8  | 0.9   | 1.0   | 0.4  | 0.0  |
| 3.1   | 4.2   | 5.3  | 5.5   | 7.3   | 3.9  | 1.7  |
| 0.0   | 0.1   | 0.0  | 0.1   | 0.0   | 0.2  | 0.0  |
| 0.0   | 0.0   | 0.1  | 0.1   | 0.0   | 0.1  | 0.0  |
| 1.1   | 1.3   | 1.3  | 1.6   | 1.1   | 1.6  | 1.6  |
| 4.2   | 6.3   | 6.5  | 7.6   | 6.1   | 6.8  | 6.7  |
| 0.2   | 0.2   | 0.5  | 0.5   | 0.2   | 0.6  | 0.0  |
| 0.5   | 0.5   | 0.5  | 0.6   | 0.6   | 0.8  | 0.5  |
| 0.0   | 0.0   | 0.1  | 0.2   | 0.0   | 0.3  | 0.0  |
| 19.2  | 19.1  | 25.9 | 28.7  | 23.9  | 19.8 | 26.7 |
| 0.4   | 0.9   | 0.8  | 1.2   | 0.9   | 1.0  | 0.0  |
| 1.1   | 0.7   | 1.3  | 1.7   | 1.0   | 1.2  | 0.6  |
| 6.5   | 5.2   | 7.3  | 7.3   | 12.7  | 9.4  | 13.4 |
| 0.1   | 0.0   | 0.1  | 0.4   | 0.4   | 0.2  | 0.0  |
| 0.0   | 0.1   | 0.1  | 0.1   | 0.0   | 0.0  | 0.0  |
| 4.4   | 4.4   | 3.1  | 2.1   | 6.4   | 7.1  | 1.8  |
| 25.5  | 18.3  | 29.6 | 27.9  | 26.7  | 20.5 | 37.6 |
| 18.0  | 16.8  | 18.7 | 21.8  | 28.4  | 19.4 | 4.1  |
| 0.4   | 0.3   | 0.5  | 0.5   | 0.5   | 0.3  | 0.0  |
| 4.0   | 5.7   | 5.8  | 5.4   | 6.8   | 7.5  | 2.2  |
| 0.4   | 0.7   | 2.0  | 1.2   | 0.9   | 1.4  | 0.3  |
| 0.1   | 0.1   | 0.3  | 0.3   | 0.2   | 0.5  | 0.5  |
| 5.2   | 5.8   | 4.5  | 3.6   | 5.2   | 6.7  | 7.4  |
| 3.9   | 5.5   | 5.0  | 4.8   | 7.5   | 6.3  | 3.8  |
| 19.2  | 18.0  | 21.7 | 24.7  | 25.7  | 28.0 | 28.6 |
| 0.8   | 0.8   | 0.7  | 1.4   | 0.7   | 0.5  | 1.6  |
| 0.0   | 0.0   | 0.1  | 0.1   | 0.0   | 0.1  | 0.2  |
| 0.0   | 0.1   | 0.2  | 0.9   | 0.3   | 0.0  | 0.0  |
| 1.2   | 1.0   | 1.8  | 1.4   | 2.7   | 1.6  | 0.5  |
| 16.4  | 20.6  | 23.9 | 23.5  | 20.7  | 19.6 | 26.1 |
| 1.3   | 1.0   | 1.2  | 0.4   | 1.1   | 2.2  | 0.0  |
| 2.2   | 2.0   | 2.6  | 2.1   | 1.9   | 3.1  | 2.3  |
| 82.3  | 112.5 | 83.1 | 81.5  | 108.4 | 94.3 | 38.3 |
| 303.5 | 62.7  | 70.0 | 143.7 | 29.2  | 37.5 | 93.9 |
| 56.4  | 59.2  | 48.8 | 21.9  | 41.2  | 37.5 | 21.8 |
| 34.6  | 9.6   | 36.0 | 12.4  | 140.6 | 9.3  | 13.0 |
| 2.9   | 0.9   | 0.0  | 0.0   | 0.0   | 1.6  | 0.0  |
| 15.2  | 7.1   | 8.0  | 9.4   | 1.0   | 4.7  | 44.1 |
| 0.0   | 0.9   | 3.6  | 0.0   | 1.0   | 0.0  | 0.0  |
| 2.9   | 2.7   | 0.0  | 0.0   | 3.0   | 0.0  | 8.8  |
| 6.5   | 6.3   | 3.6  | 3.2   | 3.1   | 6.4  | 42.2 |



|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 10.0  | 11.5  | 21.3  | 18.9  | 23.1  | 15.3  | 17.6  |
| 0.0   | 0.3   | 0.3   | 0.7   | 0.3   | 0.7   | 0.0   |
| 0.2   | 0.3   | 0.7   | 0.3   | 0.4   | 0.1   | 0.0   |
| 2.8   | 4.1   | 3.1   | 3.7   | 3.5   | 3.7   | 3.8   |
| 2.0   | 3.9   | 4.3   | 4.3   | 2.8   | 5.7   | 1.5   |
| 23.3  | 26.0  | 25.7  | 30.8  | 20.7  | 21.2  | 24.0  |
| 58.3  | 73.2  | 76.5  | 77.4  | 76.9  | 75.1  | 73.6  |
| 6.7   | 4.8   | 6.2   | 6.8   | 6.2   | 6.2   | 4.5   |
| 1.7   | 2.6   | 2.7   | 3.0   | 2.1   | 2.6   | 0.7   |
| 0.0   | 0.0   | 0.4   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.3   | 0.2   | 0.8   | 0.3   | 0.9   | 0.6   |
| 490.8 | 767.9 | 622.5 | 655.7 | 529.6 | 625.5 | 540.7 |
| 0.3   | 0.6   | 0.3   | 0.3   | 0.9   | 0.9   | 0.0   |
| 1.1   | 2.5   | 4.7   | 4.4   | 1.9   | 4.7   | 0.7   |
| 0.2   | 0.2   | 0.4   | 0.1   | 0.2   | 0.2   | 0.0   |
| 8.3   | 7.8   | 7.3   | 9.0   | 7.9   | 10.0  | 13.4  |
| 0.2   | 0.1   | 1.1   | 1.0   | 0.1   | 0.7   | 0.0   |
| 0.4   | 0.1   | 0.4   | 0.1   | 0.3   | 0.4   | 0.0   |
| 0.1   | 0.0   | 0.3   | 0.2   | 0.1   | 0.2   | 0.0   |
| 0.2   | 0.2   | 1.0   | 0.9   | 0.2   | 1.1   | 0.6   |
| 0.1   | 0.0   | 0.5   | 0.5   | 0.1   | 0.1   | 0.0   |
| 0.0   | 0.4   | 0.1   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.3   | 0.4   | 1.4   | 0.5   | 0.2   | 0.2   | 0.0   |
| 0.1   | 0.2   | 0.8   | 0.8   | 0.2   | 0.9   | 0.0   |
| 0.1   | 0.0   | 0.1   | 0.0   | 0.0   | 0.1   | 0.0   |
| 3.2   | 3.1   | 5.0   | 5.4   | 4.9   | 4.3   | 5.1   |
| 3.0   | 2.7   | 3.8   | 3.2   | 2.6   | 3.5   | 3.2   |
| 13.3  | 13.3  | 17.6  | 18.4  | 15.2  | 15.1  | 13.0  |
| 0.5   | 0.4   | 2.0   | 0.7   | 0.5   | 0.6   | 0.0   |
| 0.1   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 2.7   | 2.2   | 4.3   | 4.3   | 3.5   | 2.1   | 1.3   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.0   | 0.0   | 0.0   |
| 9.8   | 8.6   | 10.3  | 13.0  | 8.7   | 10.1  | 12.9  |
| 1.4   | 1.7   | 1.7   | 1.9   | 1.6   | 2.1   | 1.8   |
| 5.2   | 8.8   | 8.6   | 8.5   | 6.7   | 8.4   | 4.6   |
| 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.0   |
| 0.1   | 0.3   | 0.1   | 0.2   | 0.2   | 0.2   | 0.0   |
| 6.2   | 7.1   | 4.5   | 4.8   | 6.5   | 6.8   | 4.5   |
| 571.5 | 33.6  | 20.4  | 40.6  | 18.1  | 75.1  | 281.8 |
| 210.5 | 45.9  | 33.7  | 12.5  | 19.1  | 203.3 | 183.5 |
| 106.4 | 34.4  | 100.2 | 32.3  | 51.3  | 48.5  | 113.6 |
| 61.0  | 83.9  | 41.7  | 38.5  | 26.1  | 46.9  | 148.5 |
| 193.6 | 128.9 | 110.8 | 34.4  | 54.3  | 56.3  | 102.7 |
| 54.7  | 4.4   | 44.3  | 44.8  | 32.2  | 29.7  | 43.7  |
| 163.4 | 38.0  | 62.1  | 89.5  | 69.4  | 156.4 | 109.2 |
| 15.2  | 11.6  | 5.4   | 4.2   | 12.2  | 12.6  | 17.6  |

|      |       |      |      |      |      |      |
|------|-------|------|------|------|------|------|
| 29.9 | 7.1   | 6.3  | 6.3  | 14.2 | 14.2 | 57.3 |
| 0.9  | 1.3   | 1.2  | 1.1  | 1.3  | 1.4  | 0.1  |
| 0.7  | 0.6   | 1.0  | 1.0  | 1.1  | 0.9  | 0.7  |
| 8.5  | 11.7  | 10.7 | 9.1  | 10.8 | 11.0 | 8.0  |
| 0.3  | 0.4   | 0.9  | 0.7  | 0.5  | 0.4  | 0.0  |
| 0.1  | 0.0   | 0.2  | 0.5  | 0.0  | 0.1  | 0.0  |
| 1.0  | 0.1   | 2.1  | 0.8  | 1.3  | 0.3  | 1.1  |
| 0.0  | 0.1   | 1.3  | 0.8  | 0.0  | 0.0  | 0.0  |
| 11.2 | 16.4  | 12.2 | 14.9 | 14.9 | 16.2 | 15.0 |
| 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2.9  | 3.1   | 3.7  | 3.8  | 3.9  | 3.8  | 3.3  |
| 3.2  | 3.1   | 3.3  | 3.4  | 5.5  | 1.7  | 0.9  |
| 27.7 | 28.1  | 30.4 | 34.2 | 34.9 | 35.9 | 41.8 |
| 0.1  | 0.2   | 0.0  | 0.1  | 0.4  | 0.0  | 0.0  |
| 15.0 | 21.3  | 11.1 | 13.5 | 13.8 | 19.5 | 17.9 |
| 0.6  | 0.3   | 0.7  | 1.0  | 0.7  | 1.2  | 2.2  |
| 3.3  | 2.0   | 4.1  | 2.9  | 3.8  | 2.8  | 3.3  |
| 6.7  | 5.6   | 9.0  | 8.8  | 8.1  | 8.3  | 6.1  |
| 23.1 | 26.0  | 17.5 | 16.5 | 36.2 | 29.1 | 9.3  |
| 0.7  | 1.4   | 3.1  | 2.3  | 0.6  | 1.7  | 0.9  |
| 1.6  | 0.9   | 2.8  | 3.1  | 2.1  | 1.4  | 0.7  |
| 5.0  | 15.0  | 13.8 | 16.5 | 12.9 | 10.7 | 13.8 |
| 0.8  | 2.0   | 1.5  | 1.2  | 3.2  | 1.5  | 0.5  |
| 0.2  | 0.2   | 0.2  | 0.2  | 0.5  | 0.2  | 0.3  |
| 0.1  | 0.1   | 0.1  | 0.2  | 0.0  | 0.6  | 0.0  |
| 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.5  | 4.6   | 6.9  | 6.6  | 3.8  | 8.1  | 3.4  |
| 16.2 | 13.6  | 17.1 | 17.2 | 14.9 | 17.1 | 30.6 |
| 1.9  | 2.1   | 1.9  | 2.1  | 3.2  | 3.0  | 0.9  |
| 4.8  | 4.8   | 1.5  | 1.5  | 3.9  | 4.9  | 1.9  |
| 1.9  | 2.5   | 3.0  | 3.0  | 2.3  | 3.2  | 2.3  |
| 0.7  | 1.2   | 1.0  | 1.3  | 0.8  | 1.9  | 1.2  |
| 0.1  | 0.3   | 0.4  | 0.2  | 0.4  | 0.2  | 0.0  |
| 32.6 | 208.4 | 29.3 | 27.1 | 32.2 | 86.0 | 80.8 |
| 0.6  | 0.9   | 5.4  | 2.1  | 1.0  | 0.0  | 0.0  |
| 12.4 | 4.5   | 0.9  | 1.1  | 4.1  | 7.9  | 0.0  |
| 0.1  | 0.2   | 0.4  | 0.2  | 0.0  | 0.7  | 0.9  |
| 4.5  | 4.3   | 5.3  | 5.1  | 5.1  | 4.6  | 5.1  |
| 1.3  | 1.4   | 1.2  | 2.0  | 0.9  | 0.8  | 0.9  |
| 1.5  | 1.3   | 1.8  | 1.8  | 2.3  | 1.4  | 0.0  |
| 8.4  | 8.5   | 5.9  | 5.4  | 11.1 | 6.9  | 2.9  |
| 0.6  | 0.9   | 1.2  | 1.4  | 1.2  | 0.5  | 1.0  |
| 0.6  | 1.0   | 1.1  | 1.0  | 1.1  | 0.4  | 2.2  |
| 13.5 | 17.1  | 15.8 | 18.1 | 18.8 | 18.0 | 24.4 |
| 0.6  | 1.2   | 2.0  | 0.8  | 0.5  | 1.2  | 0.3  |
| 3.6  | 5.8   | 3.7  | 4.5  | 6.7  | 5.4  | 1.1  |
| 2.1  | 1.2   | 3.4  | 2.2  | 1.8  | 1.3  | 0.9  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.3   | 0.3   | 0.6   | 0.2   | 0.4   | 0.7   | 0.2   |
| 0.0   | 0.2   | 0.0   | 0.0   | 0.2   | 0.6   | 0.0   |
| 0.8   | 0.7   | 1.2   | 1.6   | 1.3   | 0.9   | 0.4   |
| 7.5   | 9.3   | 9.9   | 10.5  | 7.7   | 9.0   | 10.0  |
| 13.2  | 12.4  | 16.5  | 16.3  | 16.6  | 19.6  | 22.7  |
| 2.3   | 3.6   | 4.2   | 4.1   | 4.5   | 5.2   | 1.4   |
| 2.1   | 3.6   | 4.1   | 3.1   | 2.9   | 3.4   | 0.1   |
| 0.3   | 0.4   | 0.2   | 0.2   | 0.2   | 0.4   | 0.3   |
| 2.1   | 3.1   | 3.0   | 2.7   | 3.3   | 2.6   | 0.8   |
| 0.1   | 0.2   | 0.4   | 0.3   | 0.1   | 0.2   | 0.0   |
| 0.0   | 0.2   | 0.0   | 0.0   | 0.5   | 0.0   | 0.0   |
| 0.6   | 0.7   | 1.0   | 1.1   | 0.7   | 0.8   | 0.4   |
| 0.3   | 0.6   | 1.0   | 0.6   | 0.5   | 0.5   | 0.2   |
| 19.0  | 31.8  | 19.7  | 23.2  | 20.0  | 27.3  | 20.6  |
| 1.2   | 2.2   | 5.1   | 4.8   | 2.2   | 4.5   | 2.5   |
| 2.3   | 3.7   | 3.7   | 3.6   | 3.0   | 3.1   | 3.5   |
| 0.2   | 0.2   | 0.7   | 1.3   | 0.5   | 0.7   | 0.5   |
| 0.0   | 0.1   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   |
| 4.9   | 5.8   | 6.3   | 9.2   | 6.5   | 6.5   | 10.0  |
| 9.0   | 11.7  | 14.5  | 16.5  | 13.2  | 14.7  | 13.5  |
| 2.0   | 2.1   | 1.5   | 1.8   | 3.3   | 3.0   | 2.2   |
| 1.2   | 3.2   | 4.1   | 4.0   | 2.3   | 4.6   | 2.1   |
| 3.2   | 3.0   | 2.6   | 3.5   | 2.4   | 3.1   | 4.3   |
| 19.5  | 22.7  | 21.9  | 29.1  | 27.2  | 25.3  | 44.4  |
| 0.8   | 1.9   | 4.1   | 4.4   | 1.8   | 2.0   | 1.1   |
| 2.5   | 3.4   | 3.6   | 3.8   | 3.2   | 4.4   | 4.2   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.1   | 0.0   | 0.0   |
| 4.8   | 5.0   | 7.1   | 8.2   | 10.2  | 6.9   | 2.1   |
| 1.2   | 0.0   | 0.0   | 0.0   | 0.0   | 1.6   | 0.0   |
| 3.5   | 3.0   | 3.7   | 3.4   | 3.8   | 3.7   | 1.1   |
| 0.4   | 0.9   | 2.0   | 1.8   | 1.0   | 1.1   | 0.6   |
| 0.7   | 0.6   | 3.3   | 0.5   | 3.0   | 1.1   | 9.1   |
| 338.7 | 273.5 | 307.0 | 432.1 | 286.1 | 319.8 | 659.0 |
| 5.1   | 5.0   | 6.0   | 6.0   | 8.5   | 6.7   | 5.6   |
| 4.4   | 8.7   | 9.4   | 9.6   | 8.0   | 9.0   | 11.9  |
| 1.4   | 3.6   | 6.8   | 4.8   | 3.7   | 6.4   | 1.7   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.4   | 1.7   | 1.3   | 1.4   | 2.1   | 1.8   | 0.5   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.5   | 0.0   | 0.0   |
| 5.6   | 7.2   | 8.2   | 7.8   | 7.8   | 7.1   | 8.5   |
| 3.4   | 5.9   | 5.5   | 4.5   | 5.8   | 7.6   | 2.1   |
| 7.5   | 8.0   | 8.0   | 8.2   | 9.7   | 8.9   | 7.3   |
| 2.5   | 5.6   | 10.8  | 9.7   | 5.2   | 9.9   | 2.4   |
| 14.5  | 15.4  | 15.8  | 16.9  | 15.5  | 16.1  | 17.2  |
| 1.0   | 1.6   | 2.2   | 2.0   | 1.4   | 2.2   | 2.1   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 5.8  | 5.0  | 3.9  | 4.0  | 6.0  | 6.4  | 5.4  |
| 4.6  | 6.5  | 4.3  | 4.0  | 6.4  | 6.7  | 1.3  |
| 5.1  | 5.2  | 4.2  | 3.1  | 9.0  | 7.1  | 2.9  |
| 3.8  | 4.6  | 2.0  | 1.7  | 3.1  | 5.0  | 1.2  |
| 4.6  | 6.2  | 6.1  | 6.5  | 6.8  | 5.8  | 7.0  |
| 0.1  | 0.1  | 0.5  | 0.1  | 0.1  | 0.2  | 0.0  |
| 6.7  | 7.4  | 8.7  | 8.2  | 9.6  | 8.9  | 4.4  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3.3  | 3.7  | 3.3  | 4.6  | 2.9  | 4.6  | 3.9  |
| 28.2 | 35.5 | 32.8 | 35.5 | 48.2 | 35.2 | 27.1 |
| 10.0 | 16.2 | 16.8 | 13.9 | 14.2 | 17.1 | 5.4  |
| 0.0  | 0.0  | 0.0  | 0.4  | 0.0  | 0.0  | 0.0  |
| 0.4  | 0.7  | 0.7  | 0.8  | 0.7  | 0.8  | 0.2  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.3  | 1.4  | 1.3  | 1.3  | 1.9  | 1.2  | 0.2  |
| 2.2  | 2.2  | 1.6  | 1.7  | 2.0  | 3.0  | 0.4  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 3.2  | 4.8  | 3.9  | 3.8  | 4.0  | 3.7  | 2.7  |
| 0.0  | 0.1  | 0.4  | 0.2  | 0.0  | 0.0  | 0.0  |
| 1.3  | 1.4  | 1.1  | 1.3  | 1.7  | 1.5  | 1.3  |
| 1.4  | 2.1  | 3.8  | 3.7  | 2.4  | 2.6  | 1.0  |
| 0.7  | 1.0  | 1.1  | 1.9  | 1.3  | 1.2  | 2.0  |
| 0.3  | 0.6  | 0.8  | 0.8  | 1.0  | 0.5  | 0.0  |
| 12.8 | 14.3 | 15.6 | 13.5 | 17.9 | 14.8 | 14.8 |
| 0.1  | 0.2  | 1.0  | 0.5  | 0.1  | 0.2  | 0.0  |
| 1.7  | 1.3  | 1.2  | 1.1  | 1.3  | 2.2  | 0.7  |
| 2.2  | 2.8  | 2.0  | 2.0  | 3.2  | 2.3  | 0.9  |
| 0.4  | 0.4  | 0.6  | 0.9  | 0.4  | 1.2  | 0.0  |
| 1.7  | 1.6  | 2.3  | 2.8  | 2.1  | 1.9  | 2.7  |
| 0.1  | 0.0  | 0.0  | 0.2  | 0.2  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.5  | 1.8  | 3.7  | 3.1  | 1.0  | 2.9  | 0.3  |
| 0.3  | 0.2  | 0.9  | 1.0  | 0.3  | 0.1  | 0.8  |
| 3.9  | 7.5  | 10.8 | 11.7 | 6.9  | 9.6  | 4.9  |
| 0.0  | 0.1  | 0.4  | 0.3  | 0.0  | 0.0  | 0.0  |
| 5.6  | 7.5  | 7.7  | 7.1  | 9.1  | 4.3  | 3.0  |
| 0.1  | 0.0  | 0.4  | 0.3  | 0.1  | 0.3  | 0.0  |
| 3.2  | 2.8  | 3.5  | 4.4  | 3.1  | 5.4  | 5.3  |
| 0.2  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.3  | 0.4  | 0.9  | 0.5  | 0.6  | 0.2  | 0.9  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 1.8  | 2.4  | 2.1  | 2.9  | 1.8  | 3.1  | 1.3  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.9  | 1.2  | 1.7  | 0.7  | 1.2  | 1.3  | 0.0  |
| 21.5 | 31.1 | 26.7 | 27.5 | 35.0 | 26.9 | 25.7 |
| 8.1  | 7.6  | 8.3  | 10.6 | 8.8  | 9.9  | 12.2 |
| 2.9  | 3.0  | 3.9  | 4.1  | 3.8  | 3.0  | 5.3  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 2.1  | 2.2  | 2.9  | 3.4  | 1.9  | 3.6  | 2.0  |
| 0.0  | 0.0  | 0.6  | 0.3  | 0.0  | 0.0  | 0.0  |
| 1.6  | 1.6  | 1.4  | 1.0  | 2.4  | 1.3  | 0.2  |
| 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.2  | 0.0  |
| 0.1  | 0.1  | 0.5  | 0.8  | 0.0  | 0.4  | 0.0  |
| 16.5 | 17.1 | 18.4 | 21.2 | 19.0 | 21.5 | 29.1 |
| 16.0 | 15.2 | 17.0 | 15.3 | 27.1 | 25.9 | 13.4 |
| 0.0  | 0.1  | 0.3  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.3  | 0.6  | 0.6  | 1.1  | 0.1  | 0.2  | 0.0  |
| 0.2  | 0.1  | 0.4  | 0.3  | 0.4  | 0.5  | 0.0  |
| 1.8  | 2.5  | 2.9  | 2.9  | 3.1  | 1.7  | 1.2  |
| 0.5  | 1.7  | 2.1  | 2.8  | 1.0  | 2.7  | 1.0  |
| 0.1  | 0.1  | 0.3  | 0.3  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.2  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0  |
| 9.2  | 11.8 | 9.0  | 11.6 | 12.8 | 10.9 | 5.6  |
| 0.0  | 0.1  | 0.5  | 0.2  | 0.0  | 0.2  | 0.0  |
| 0.5  | 0.2  | 0.3  | 0.7  | 0.9  | 1.0  | 0.0  |
| 16.9 | 17.1 | 20.8 | 18.1 | 17.9 | 21.4 | 20.5 |
| 7.5  | 10.8 | 9.0  | 9.9  | 9.8  | 12.7 | 4.4  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 12.3 | 9.8  | 14.6 | 15.4 | 16.2 | 14.4 | 13.2 |
| 2.9  | 3.8  | 5.0  | 5.0  | 4.6  | 5.2  | 1.6  |
| 2.6  | 2.4  | 3.5  | 2.3  | 4.0  | 1.9  | 0.4  |
| 3.0  | 3.5  | 3.2  | 3.0  | 3.2  | 1.8  | 5.0  |
| 3.4  | 3.3  | 3.7  | 4.3  | 5.8  | 3.2  | 2.6  |
| 0.2  | 0.2  | 0.3  | 0.2  | 0.3  | 0.3  | 0.3  |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.1  | 0.1  | 0.0  |
| 10.0 | 14.4 | 15.1 | 14.9 | 14.4 | 16.3 | 17.1 |
| 2.2  | 1.6  | 2.1  | 2.5  | 3.2  | 3.0  | 0.8  |
| 2.9  | 4.1  | 3.7  | 3.5  | 2.6  | 6.1  | 2.8  |
| 2.1  | 5.9  | 7.0  | 8.2  | 3.8  | 5.1  | 0.5  |
| 2.2  | 4.3  | 4.5  | 3.7  | 2.5  | 2.6  | 7.4  |
| 0.0  | 0.4  | 0.3  | 0.2  | 0.4  | 0.2  | 2.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.3  | 0.5  | 0.5  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.2  | 0.4  | 0.2  | 0.0  | 0.7  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.7  | 0.0  | 0.5  | 0.0  | 1.6  | 0.0  |
| 0.1  | 0.2  | 0.1  | 0.1  | 0.2  | 0.6  | 0.0  |
| 5.7  | 6.3  | 9.1  | 9.5  | 9.3  | 9.1  | 6.3  |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 1.2  | 0.8  | 0.7  | 1.0  | 2.0  | 1.5  | 1.7  |
| 0.1  | 0.4  | 1.2  | 0.3  | 0.1  | 0.5  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.0  | 0.0  | 0.0  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.1   | 0.0   |
| 5.8   | 6.8   | 4.4   | 3.1   | 7.7   | 8.6   | 1.4   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.4   | 0.7   | 0.4   | 1.7   | 0.8   | 0.6   | 0.0   |
| 0.0   | 0.0   | 0.3   | 0.1   | 0.0   | 0.0   | 0.0   |
| 12.1  | 16.1  | 12.9  | 14.2  | 19.1  | 19.5  | 12.6  |
| 0.1   | 0.0   | 0.0   | 0.0   | 0.2   | 0.0   | 0.0   |
| 2.9   | 2.8   | 3.8   | 3.6   | 4.4   | 3.8   | 3.7   |
| 10.8  | 13.0  | 10.9  | 16.2  | 9.7   | 10.5  | 18.0  |
| 0.1   | 0.0   | 0.4   | 0.0   | 0.0   | 0.5   | 0.0   |
| 13.0  | 13.7  | 11.9  | 12.1  | 12.5  | 11.5  | 35.1  |
| 189.6 | 145.8 | 111.4 | 114.6 | 119.3 | 134.6 | 253.5 |
| 632.8 | 560.2 | 403.8 | 414.7 | 413.0 | 435.1 | 504.2 |
| 680.8 | 769.5 | 502.2 | 610.9 | 477.4 | 594.2 | 913.9 |
| 0.0   | 0.0   | 0.0   | 1.0   | 0.0   | 0.0   | 0.0   |
| 30.9  | 41.7  | 41.8  | 46.8  | 38.1  | 39.4  | 47.5  |
| 0.0   | 0.0   | 0.4   | 0.6   | 0.0   | 0.5   | 0.0   |
| 0.1   | 0.2   | 0.4   | 0.5   | 0.0   | 0.4   | 0.2   |
| 4.6   | 4.9   | 4.9   | 4.5   | 7.0   | 6.5   | 2.0   |
| 0.2   | 0.5   | 1.6   | 1.8   | 0.6   | 0.6   | 0.0   |
| 2.7   | 4.6   | 3.3   | 2.6   | 2.2   | 4.2   | 2.6   |
| 3.0   | 7.9   | 13.0  | 12.8  | 8.3   | 13.5  | 1.6   |
| 9.9   | 10.2  | 12.5  | 12.1  | 10.2  | 9.9   | 10.2  |
| 0.0   | 0.0   | 0.0   | 0.2   | 0.0   | 0.3   | 0.0   |
| 3.7   | 5.4   | 5.3   | 5.9   | 5.8   | 6.0   | 1.9   |
| 3.4   | 3.4   | 3.1   | 3.1   | 3.5   | 3.1   | 0.6   |
| 0.0   | 0.2   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.2   | 0.2   | 0.3   | 0.1   | 0.0   | 0.0   |
| 3.5   | 4.0   | 5.2   | 6.2   | 5.9   | 3.1   | 4.2   |
| 0.1   | 0.2   | 0.4   | 0.3   | 0.3   | 0.1   | 0.0   |
| 1.2   | 1.1   | 1.1   | 0.9   | 2.0   | 1.7   | 0.3   |
| 0.1   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.1   | 0.5   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.3   | 0.5   | 1.1   | 0.6   | 0.2   | 0.2   | 0.0   |
| 0.6   | 0.0   | 0.0   | 2.1   | 0.0   | 3.2   | 0.0   |
| 6.4   | 0.0   | 4.4   | 0.0   | 3.0   | 0.0   | 6.6   |
| 0.4   | 0.7   | 0.4   | 0.4   | 0.3   | 0.6   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 1.8   | 1.5   | 1.0   | 1.0   | 2.1   | 2.0   | 2.0   |
| 1.4   | 2.9   | 7.9   | 6.1   | 2.7   | 5.9   | 1.4   |
| 2.3   | 4.7   | 4.2   | 4.5   | 3.7   | 4.5   | 0.8   |
| 279.7 | 217.2 | 159.8 | 159.2 | 184.4 | 194.5 | 422.9 |
| 126.5 | 119.3 | 86.9  | 103.2 | 98.6  | 89.6  | 180.8 |
| 572.1 | 509.6 | 361.0 | 347.1 | 483.1 | 457.4 | 711.5 |
| 167.4 | 107.4 | 76.1  | 68.4  | 79.5  | 81.9  | 136.4 |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.5   | 0.0   |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 528.5 | 422.6 | 383.4 | 360.6 | 414.4 | 436.7 | 262.1 |
| 0.0   | 0.3   | 0.9   | 0.0   | 0.0   | 2.1   | 0.0   |
| 0.4   | 0.8   | 1.2   | 1.1   | 0.8   | 1.3   | 0.1   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.1   | 0.1   | 0.0   |
| 15.6  | 17.8  | 17.8  | 19.7  | 18.4  | 24.1  | 17.7  |
| 0.0   | 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   |
| 8.9   | 9.1   | 9.1   | 9.0   | 12.5  | 9.9   | 10.9  |
| 27.3  | 22.2  | 8.7   | 10.6  | 27.5  | 26.4  | 42.7  |
| 9.9   | 13.8  | 10.5  | 9.4   | 11.1  | 14.0  | 3.3   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 1.2   | 0.0   |
| 0.0   | 0.3   | 0.4   | 1.1   | 0.0   | 0.4   | 0.0   |
| 0.1   | 0.2   | 0.0   | 0.3   | 0.1   | 0.3   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.5   | 0.7   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.1   | 0.3   | 0.1   | 0.3   | 0.1   | 0.0   |
| 1.6   | 1.6   | 4.1   | 2.6   | 2.7   | 3.7   | 4.2   |
| 3.8   | 5.7   | 6.7   | 5.2   | 5.6   | 5.6   | 3.8   |
| 6.7   | 9.0   | 13.3  | 11.9  | 11.8  | 11.1  | 9.6   |
| 6.4   | 5.8   | 4.7   | 4.9   | 7.9   | 6.8   | 4.4   |
| 0.0   | 0.1   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.4   | 0.7   | 1.5   | 0.8   | 0.8   | 1.1   | 1.3   |
| 4.8   | 7.0   | 4.0   | 3.9   | 11.8  | 10.2  | 3.6   |
| 0.2   | 0.1   | 0.1   | 0.6   | 0.2   | 0.0   | 0.0   |
| 0.5   | 0.7   | 1.4   | 1.1   | 0.8   | 2.2   | 0.9   |
| 0.0   | 0.5   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.2   | 1.2   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.2   | 0.3   | 0.4   | 0.1   | 0.2   | 0.0   |
| 6.9   | 6.9   | 11.6  | 11.7  | 9.8   | 11.6  | 9.8   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.1   | 0.4   | 0.0   |
| 0.6   | 1.1   | 3.0   | 2.8   | 0.9   | 2.3   | 0.8   |
| 0.0   | 0.0   | 0.3   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.6   | 0.8   | 1.1   | 1.8   | 1.1   | 2.0   | 0.1   |
| 0.0   | 0.0   | 0.4   | 0.4   | 0.0   | 0.5   | 0.0   |
| 11.0  | 13.4  | 8.2   | 8.3   | 10.3  | 14.3  | 8.6   |
| 0.2   | 0.3   | 1.1   | 0.4   | 0.2   | 0.2   | 0.0   |
| 0.1   | 0.3   | 0.4   | 0.2   | 0.3   | 1.7   | 0.0   |
| 1.5   | 2.2   | 2.7   | 2.4   | 2.1   | 1.7   | 1.7   |
| 0.4   | 0.2   | 0.1   | 0.7   | 0.2   | 0.4   | 0.0   |
| 0.7   | 3.4   | 7.6   | 5.4   | 2.7   | 5.6   | 0.0   |
| 17.4  | 16.0  | 19.9  | 18.4  | 25.0  | 21.1  | 16.1  |
| 5.0   | 7.0   | 9.9   | 9.2   | 8.0   | 7.5   | 6.0   |
| 1.0   | 1.3   | 1.2   | 1.5   | 1.5   | 0.9   | 0.6   |
| 0.0   | 0.1   | 1.5   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.4   | 0.2   | 0.1   | 0.0   | 0.0   | 0.0   |
| 2.2   | 2.8   | 2.4   | 2.3   | 3.6   | 3.3   | 1.4   |
| 0.7   | 0.6   | 1.2   | 0.6   | 0.8   | 1.4   | 0.7   |
| 0.3   | 0.5   | 1.6   | 1.4   | 0.5   | 0.8   | 0.2   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.2  | 0.0  |
| 6.1  | 12.8 | 12.9 | 12.7 | 10.3 | 10.1 | 6.9  |
| 19.7 | 28.6 | 23.8 | 24.7 | 33.3 | 28.2 | 18.2 |
| 0.0  | 0.2  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.3  | 1.1  | 2.0  | 1.8  | 0.7  | 1.1  | 0.2  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 4.3  | 5.0  | 5.6  | 5.8  | 6.3  | 5.5  | 4.1  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.5  | 0.0  | 0.3  | 0.4  | 0.0  |
| 1.8  | 1.9  | 3.3  | 3.9  | 1.7  | 2.3  | 1.7  |
| 0.2  | 0.1  | 0.4  | 0.2  | 0.3  | 0.2  | 0.0  |
| 5.7  | 6.8  | 5.6  | 7.7  | 6.8  | 6.9  | 9.3  |
| 0.0  | 0.1  | 0.6  | 0.4  | 0.0  | 0.6  | 0.0  |
| 0.1  | 0.4  | 0.7  | 1.3  | 0.2  | 0.5  | 0.1  |
| 0.5  | 0.6  | 0.6  | 0.7  | 0.6  | 0.8  | 0.2  |
| 0.5  | 0.2  | 0.3  | 0.2  | 0.5  | 0.5  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.6  | 0.5  | 1.7  | 1.5  | 0.7  | 0.7  | 1.8  |
| 0.3  | 0.2  | 0.4  | 0.4  | 0.1  | 0.2  | 0.5  |
| 0.1  | 0.0  | 0.4  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.4  | 0.2  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.1  | 0.6  | 0.2  | 0.0  | 0.1  | 0.0  |
| 2.3  | 3.1  | 1.9  | 2.3  | 4.0  | 2.9  | 2.6  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2.3  | 4.7  | 4.6  | 4.8  | 3.1  | 5.6  | 11.0 |
| 0.2  | 0.4  | 1.4  | 1.1  | 0.1  | 1.3  | 0.2  |
| 5.2  | 5.7  | 5.9  | 5.5  | 10.5 | 5.3  | 9.0  |
| 0.6  | 0.6  | 0.7  | 0.8  | 0.8  | 0.7  | 0.0  |
| 0.5  | 0.9  | 1.3  | 1.1  | 0.5  | 1.2  | 0.0  |
| 0.2  | 0.0  | 0.0  | 0.4  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.2  | 0.4  | 0.4  | 0.4  | 0.5  | 0.4  |
| 0.0  | 0.0  | 1.3  | 0.8  | 1.1  | 0.6  | 0.0  |
| 0.1  | 0.1  | 0.4  | 0.0  | 0.2  | 0.0  | 0.0  |
| 3.9  | 7.4  | 5.2  | 6.2  | 7.5  | 7.0  | 5.1  |
| 1.5  | 2.2  | 2.8  | 2.2  | 2.1  | 2.8  | 0.8  |
| 2.3  | 2.3  | 3.5  | 3.7  | 3.2  | 5.5  | 1.7  |
| 0.0  | 0.6  | 0.3  | 0.0  | 0.0  | 3.4  | 0.0  |
| 2.8  | 3.2  | 4.5  | 5.0  | 5.1  | 4.5  | 3.2  |
| 0.1  | 0.2  | 0.1  | 0.2  | 0.2  | 0.2  | 0.1  |
| 22.8 | 29.0 | 23.4 | 24.2 | 31.0 | 30.5 | 22.4 |
| 0.4  | 0.8  | 1.0  | 0.9  | 0.8  | 1.3  | 0.2  |
| 0.1  | 0.1  | 0.2  | 0.2  | 0.2  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 4.3  | 4.8  | 3.6  | 3.2  | 5.0  | 5.0  | 2.5  |
| 0.6  | 0.7  | 1.2  | 1.4  | 0.8  | 1.1  | 1.5  |
| 5.6  | 5.7  | 5.6  | 6.2  | 8.3  | 7.1  | 5.1  |



|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.8  | 0.9  | 0.9  | 2.8  | 1.3  | 1.3  | 0.0  |
| 15.4 | 14.5 | 19.4 | 19.9 | 20.1 | 15.3 | 16.8 |
| 2.3  | 2.3  | 2.8  | 3.2  | 4.2  | 3.4  | 1.0  |
| 0.6  | 0.5  | 2.3  | 1.2  | 1.2  | 0.9  | 0.0  |
| 0.9  | 1.1  | 2.7  | 1.6  | 1.7  | 2.1  | 0.0  |
| 0.5  | 0.7  | 1.9  | 1.5  | 1.2  | 0.7  | 0.5  |
| 0.5  | 0.5  | 0.6  | 1.2  | 0.4  | 1.1  | 0.0  |
| 6.5  | 7.4  | 7.0  | 7.3  | 7.8  | 8.3  | 4.9  |
| 0.5  | 0.7  | 1.5  | 1.0  | 0.6  | 1.2  | 0.0  |
| 0.0  | 0.0  | 0.7  | 0.4  | 0.0  | 0.0  | 0.0  |
| 0.4  | 0.7  | 0.8  | 0.6  | 0.5  | 0.3  | 0.1  |
| 0.0  | 0.2  | 0.6  | 0.4  | 0.7  | 0.3  | 0.0  |
| 5.3  | 6.2  | 6.6  | 5.3  | 5.7  | 3.8  | 1.6  |
| 3.2  | 4.2  | 3.5  | 4.4  | 4.6  | 3.8  | 3.4  |
| 0.1  | 0.1  | 0.8  | 0.5  | 0.2  | 0.1  | 0.0  |
| 9.2  | 7.9  | 6.7  | 5.7  | 10.0 | 10.0 | 3.1  |
| 3.5  | 6.5  | 7.4  | 7.4  | 7.7  | 6.8  | 4.0  |
| 5.2  | 10.4 | 2.7  | 2.9  | 3.2  | 10.3 | 1.6  |
| 27.3 | 32.3 | 32.2 | 47.2 | 32.5 | 35.4 | 25.3 |
| 37.8 | 57.1 | 50.5 | 49.5 | 44.5 | 48.9 | 44.7 |
| 0.0  | 0.1  | 0.3  | 0.3  | 0.1  | 0.2  | 0.0  |
| 4.2  | 4.1  | 4.2  | 4.6  | 4.1  | 4.6  | 2.5  |
| 0.0  | 0.1  | 0.5  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.0  | 0.4  | 0.2  | 0.1  | 0.1  | 0.1  |
| 7.3  | 11.6 | 11.8 | 14.0 | 11.4 | 12.1 | 9.7  |
| 0.1  | 0.3  | 0.6  | 1.1  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.2  | 0.0  |
| 1.2  | 1.4  | 0.7  | 0.5  | 1.5  | 2.0  | 0.3  |
| 7.9  | 12.7 | 21.3 | 19.8 | 13.7 | 22.7 | 6.0  |
| 0.2  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  |
| 1.2  | 1.9  | 6.2  | 5.6  | 3.2  | 4.2  | 1.4  |
| 1.0  | 1.1  | 1.3  | 1.3  | 1.3  | 1.2  | 0.7  |
| 1.2  | 2.3  | 1.0  | 2.2  | 2.4  | 1.7  | 1.4  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.8  | 0.8  | 1.2  | 1.7  | 1.1  | 1.3  | 1.3  |
| 13.1 | 18.1 | 19.4 | 21.5 | 17.1 | 17.6 | 11.2 |
| 8.5  | 10.2 | 8.8  | 8.4  | 12.1 | 10.5 | 8.0  |
| 1.0  | 1.2  | 1.0  | 1.0  | 1.2  | 1.7  | 0.9  |
| 0.6  | 0.2  | 0.0  | 0.8  | 0.0  | 0.9  | 0.0  |
| 1.0  | 1.2  | 1.0  | 1.0  | 1.6  | 1.4  | 0.1  |
| 0.1  | 0.0  | 0.3  | 0.1  | 0.0  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 6.1  | 5.9  | 7.8  | 8.3  | 7.2  | 5.9  | 5.2  |
| 0.1  | 0.3  | 0.5  | 0.5  | 0.0  | 0.3  | 0.0  |
| 3.7  | 1.4  | 2.6  | 3.3  | 2.6  | 1.2  | 0.0  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 295.6 | 272.5 | 193.2 | 199.1 | 211.0 | 257.3 | 276.8 |
| 5.6   | 14.7  | 10.8  | 12.6  | 13.9  | 16.3  | 15.2  |
| 531.2 | 330.8 | 265.6 | 277.2 | 305.5 | 372.3 | 279.9 |
| 516.2 | 335.3 | 272.6 | 289.0 | 350.8 | 335.2 | 480.9 |
| 21.6  | 14.1  | 19.2  | 27.2  | 25.2  | 19.8  | 26.1  |
| 0.0   | 0.2   | 0.3   | 0.1   | 0.4   | 0.0   | 0.0   |
| 1.9   | 2.7   | 2.2   | 1.2   | 2.1   | 2.1   | 0.0   |
| 0.0   | 0.2   | 1.7   | 0.5   | 0.0   | 0.3   | 0.0   |
| 9.0   | 7.6   | 5.3   | 6.4   | 9.1   | 7.8   | 6.0   |
| 7.2   | 11.2  | 10.5  | 8.6   | 12.6  | 8.5   | 6.6   |
| 0.0   | 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   |
| 21.3  | 29.7  | 30.1  | 30.5  | 25.8  | 27.1  | 27.0  |
| 6.6   | 9.9   | 12.8  | 12.2  | 10.2  | 12.8  | 6.4   |
| 10.5  | 11.4  | 11.5  | 10.4  | 10.5  | 10.0  | 16.5  |
| 0.7   | 0.6   | 1.9   | 1.0   | 0.2   | 0.6   | 0.0   |
| 0.6   | 0.8   | 1.2   | 2.0   | 1.2   | 0.9   | 0.2   |
| 1.4   | 1.3   | 0.8   | 0.9   | 1.3   | 1.7   | 0.5   |
| 1.7   | 4.7   | 8.1   | 8.7   | 3.9   | 6.0   | 0.9   |
| 2.0   | 2.5   | 1.4   | 1.6   | 2.6   | 1.7   | 1.1   |
| 0.2   | 0.3   | 0.9   | 0.2   | 0.2   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   |
| 2.2   | 3.0   | 2.6   | 1.9   | 3.0   | 3.2   | 1.9   |
| 0.6   | 0.9   | 2.8   | 2.4   | 1.4   | 1.7   | 0.6   |
| 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.0   | 0.0   |
| 0.3   | 0.3   | 2.0   | 0.5   | 1.2   | 0.5   | 0.0   |
| 1.0   | 1.3   | 2.0   | 2.4   | 1.5   | 2.6   | 1.1   |
| 1.0   | 2.0   | 3.8   | 4.0   | 2.0   | 3.4   | 0.0   |
| 2.3   | 2.5   | 3.1   | 3.2   | 3.4   | 3.2   | 1.8   |
| 0.1   | 0.3   | 0.3   | 0.4   | 0.2   | 0.3   | 0.5   |
| 0.1   | 0.0   | 0.3   | 0.1   | 0.1   | 0.2   | 0.0   |
| 0.3   | 0.3   | 1.2   | 0.5   | 0.6   | 0.5   | 0.0   |
| 0.5   | 1.0   | 0.7   | 1.3   | 0.6   | 0.5   | 0.0   |
| 9.4   | 11.5  | 9.1   | 9.4   | 15.0  | 11.1  | 6.4   |
| 0.4   | 1.3   | 1.6   | 1.3   | 0.9   | 0.6   | 0.0   |
| 6.2   | 9.2   | 9.0   | 8.9   | 11.0  | 9.5   | 3.1   |
| 1.9   | 1.1   | 1.0   | 1.4   | 1.9   | 1.4   | 2.5   |
| 2.9   | 4.1   | 5.2   | 4.7   | 3.8   | 5.1   | 6.2   |
| 0.6   | 1.5   | 3.3   | 1.9   | 1.0   | 2.9   | 0.0   |
| 16.7  | 37.2  | 35.7  | 34.6  | 28.3  | 40.0  | 12.4  |
| 0.5   | 0.9   | 1.4   | 1.1   | 0.8   | 1.6   | 0.6   |
| 0.2   | 0.3   | 0.1   | 0.3   | 0.2   | 0.2   | 0.2   |
| 0.1   | 0.1   | 0.0   | 0.1   | 0.0   | 0.4   | 0.0   |
| 974.5 | 787.1 | 554.8 | 615.7 | 581.2 | 710.0 | 873.6 |
| 23.3  | 32.9  | 38.3  | 44.6  | 41.4  | 47.8  | 20.3  |
| 3.4   | 4.2   | 3.9   | 5.2   | 3.7   | 7.8   | 3.7   |
| 0.0   | 0.1   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 1.2   | 2.4   | 2.9   | 3.9   | 2.3   | 3.4   | 1.3   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.8  | 2.1  | 4.9  | 4.9  | 2.4  | 4.5  | 0.6  |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.3  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 16.0 | 18.2 | 14.8 | 15.8 | 19.0 | 16.2 | 15.9 |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.3  | 0.3  | 0.8  | 0.7  | 0.6  | 0.8  | 0.0  |
| 0.2  | 0.3  | 0.6  | 0.6  | 0.3  | 0.7  | 0.0  |
| 3.3  | 3.7  | 14.1 | 17.6 | 7.2  | 6.0  | 2.8  |
| 0.0  | 0.0  | 0.4  | 0.2  | 0.1  | 0.0  | 0.0  |
| 7.3  | 8.8  | 10.0 | 11.2 | 11.6 | 9.9  | 15.7 |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.4  | 0.2  | 0.4  | 0.5  | 0.0  |
| 0.2  | 0.0  | 0.0  | 0.6  | 0.4  | 0.1  | 0.0  |
| 0.1  | 0.3  | 0.7  | 0.4  | 0.1  | 0.2  | 0.0  |
| 1.4  | 0.9  | 3.2  | 2.4  | 0.7  | 0.7  | 0.9  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 2.1  | 3.0  | 1.8  | 1.9  | 3.3  | 3.0  | 1.0  |
| 0.6  | 1.7  | 2.3  | 2.3  | 1.0  | 1.5  | 1.5  |
| 2.5  | 3.0  | 4.4  | 4.8  | 3.2  | 2.8  | 2.2  |
| 0.0  | 0.1  | 0.5  | 0.1  | 0.0  | 0.0  | 0.0  |
| 1.1  | 3.4  | 3.7  | 3.3  | 2.7  | 3.2  | 2.4  |
| 0.1  | 0.2  | 0.1  | 0.8  | 0.1  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.4  | 0.1  | 0.2  | 0.0  |
| 0.3  | 1.7  | 2.8  | 1.8  | 1.2  | 2.5  | 0.6  |
| 6.2  | 7.0  | 7.9  | 8.1  | 8.2  | 9.3  | 9.0  |
| 0.3  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.6  | 0.5  | 0.5  | 0.1  | 0.0  | 0.5  | 0.0  |
| 0.8  | 1.2  | 0.7  | 1.4  | 0.8  | 1.8  | 1.7  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.9  | 0.6  | 0.9  | 0.5  | 0.4  | 0.6  | 1.9  |
| 0.0  | 0.2  | 0.9  | 0.1  | 0.0  | 0.2  | 0.0  |
| 0.5  | 0.3  | 0.5  | 0.2  | 0.9  | 0.0  | 0.0  |
| 0.3  | 0.6  | 1.4  | 1.2  | 0.4  | 0.8  | 0.3  |
| 0.1  | 0.1  | 0.3  | 0.3  | 0.1  | 0.2  | 0.0  |
| 0.1  | 0.1  | 0.4  | 0.5  | 0.1  | 0.2  | 0.0  |
| 0.1  | 0.0  | 0.3  | 0.6  | 0.3  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.4  | 0.4  | 0.0  | 0.0  | 0.0  |
| 0.5  | 1.2  | 1.4  | 1.1  | 0.9  | 1.2  | 1.3  |
| 1.5  | 1.6  | 2.2  | 2.6  | 1.8  | 0.9  | 1.1  |
| 6.9  | 10.4 | 11.8 | 11.8 | 8.9  | 10.0 | 13.2 |
| 2.1  | 3.9  | 5.0  | 5.6  | 5.3  | 3.9  | 1.9  |
| 2.1  | 4.7  | 8.0  | 6.7  | 4.9  | 10.1 | 6.5  |
| 7.3  | 6.5  | 5.0  | 5.6  | 7.8  | 3.0  | 7.1  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.2  | 0.0  | 0.0  |
| 69.3 | 80.4 | 54.9 | 59.9 | 79.9 | 81.5 | 20.5 |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 19.6 | 35.4 | 16.9 | 21.6 | 29.3 | 37.9 | 8.3  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 6.9  | 9.5  | 5.2  | 5.0  | 9.4  | 5.8  | 2.6  |
| 3.6  | 6.8  | 4.0  | 3.3  | 4.1  | 6.7  | 5.2  |
| 0.0  | 0.1  | 0.4  | 0.3  | 0.0  | 0.0  | 0.0  |
| 11.5 | 16.5 | 13.5 | 15.5 | 12.1 | 13.2 | 12.4 |
| 6.0  | 7.2  | 5.0  | 4.5  | 4.8  | 4.2  | 3.1  |
| 0.1  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.5  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.4  | 0.2  | 0.0  | 0.1  | 0.0  |
| 3.7  | 3.1  | 6.0  | 4.2  | 5.2  | 3.8  | 2.6  |
| 25.8 | 31.8 | 33.2 | 40.5 | 29.6 | 29.2 | 64.2 |
| 4.6  | 7.0  | 7.8  | 8.7  | 6.3  | 7.0  | 7.6  |
| 15.4 | 21.4 | 23.9 | 18.2 | 16.7 | 24.0 | 25.5 |
| 2.7  | 3.2  | 2.5  | 1.6  | 2.4  | 5.5  | 0.5  |
| 15.0 | 18.7 | 13.8 | 15.0 | 17.8 | 20.9 | 9.6  |
| 9.9  | 13.8 | 9.4  | 9.2  | 12.7 | 11.7 | 1.9  |
| 3.9  | 5.4  | 5.5  | 3.1  | 9.5  | 5.7  | 1.0  |
| 4.2  | 5.2  | 4.2  | 5.4  | 4.5  | 4.6  | 5.8  |
| 9.4  | 9.2  | 10.1 | 10.3 | 15.6 | 11.0 | 4.0  |
| 0.3  | 0.2  | 0.3  | 0.3  | 0.1  | 0.4  | 1.0  |
| 0.0  | 0.0  | 0.2  | 0.3  | 0.0  | 0.0  | 0.0  |
| 2.0  | 1.6  | 1.6  | 1.4  | 2.0  | 2.5  | 2.9  |
| 6.0  | 7.5  | 7.7  | 7.6  | 8.8  | 6.3  | 3.6  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.2  | 0.4  | 0.1  | 0.0  | 0.8  | 0.0  |
| 8.6  | 5.5  | 4.2  | 3.7  | 7.2  | 6.6  | 1.3  |
| 3.9  | 5.0  | 5.9  | 5.8  | 6.7  | 6.1  | 8.4  |
| 4.6  | 7.4  | 6.6  | 6.7  | 5.1  | 5.5  | 6.1  |
| 5.2  | 8.2  | 8.9  | 9.0  | 8.7  | 7.3  | 6.6  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.4  | 1.1  | 0.8  | 0.1  | 1.0  | 0.1  |
| 3.8  | 3.6  | 4.8  | 5.3  | 4.1  | 5.1  | 7.2  |
| 0.1  | 0.1  | 0.7  | 0.0  | 0.2  | 0.0  | 0.0  |
| 1.8  | 1.5  | 2.0  | 2.2  | 1.5  | 1.5  | 1.1  |
| 1.2  | 0.6  | 1.6  | 2.4  | 2.5  | 2.0  | 5.2  |
| 3.1  | 3.6  | 4.6  | 2.8  | 6.2  | 3.3  | 8.8  |
| 0.5  | 0.5  | 1.7  | 2.4  | 0.9  | 1.8  | 0.1  |
| 2.2  | 3.6  | 5.9  | 5.0  | 3.4  | 6.2  | 4.3  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.3  | 0.1  | 0.1  | 0.4  | 0.3  | 0.6  | 0.0  |
| 0.9  | 1.2  | 0.8  | 1.1  | 1.9  | 1.1  | 0.2  |
| 0.2  | 0.4  | 0.6  | 0.7  | 0.4  | 0.6  | 0.2  |
| 2.1  | 2.4  | 3.0  | 2.4  | 4.9  | 3.6  | 0.6  |
| 6.6  | 7.7  | 6.6  | 7.4  | 7.7  | 11.4 | 6.3  |
| 0.6  | 1.1  | 1.8  | 2.1  | 1.7  | 0.8  | 0.0  |
| 2.5  | 1.4  | 2.7  | 2.7  | 3.2  | 2.4  | 2.2  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 4.3   | 4.0   | 5.1   | 4.6   | 2.9   | 4.4   | 4.0   |
| 0.0   | 0.1   | 0.1   | 0.3   | 0.1   | 0.1   | 0.0   |
| 42.4  | 56.1  | 60.0  | 57.5  | 62.6  | 57.9  | 40.6  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.2   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.0   | 0.4   | 0.0   | 0.0   | 0.3   | 0.0   |
| 0.0   | 0.1   | 0.3   | 0.8   | 0.0   | 0.6   | 0.0   |
| 0.0   | 0.2   | 0.1   | 0.2   | 0.1   | 0.0   | 0.0   |
| 0.1   | 0.0   | 0.0   | 0.3   | 0.0   | 0.2   | 0.0   |
| 562.7 | 545.7 | 388.4 | 452.6 | 419.2 | 444.6 | 410.5 |
| 322.5 | 253.7 | 151.9 | 165.5 | 220.7 | 192.7 | 339.9 |
| 58.9  | 41.5  | 35.8  | 30.1  | 37.8  | 32.6  | 86.3  |
| 22.6  | 32.6  | 35.5  | 43.2  | 29.4  | 38.7  | 45.9  |
| 4.2   | 4.4   | 5.0   | 4.7   | 6.0   | 5.7   | 2.1   |
| 347.8 | 278.3 | 177.9 | 230.3 | 249.6 | 257.8 | 406.1 |
| 459.8 | 301.5 | 216.1 | 264.2 | 284.8 | 319.5 | 596.9 |
| 1.1   | 1.6   | 2.2   | 1.8   | 1.8   | 2.0   | 0.4   |
| 2.3   | 4.2   | 2.2   | 3.9   | 5.5   | 6.0   | 4.0   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 21.2  | 16.8  | 17.2  | 25.4  | 21.8  | 22.2  | 41.7  |
| 0.6   | 0.6   | 0.6   | 0.4   | 0.9   | 1.0   | 0.3   |
| 3.7   | 3.4   | 3.8   | 4.4   | 4.5   | 3.9   | 4.4   |
| 0.2   | 0.0   | 0.1   | 0.4   | 0.2   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 3.1   | 4.4   | 3.7   | 4.2   | 4.1   | 4.3   | 2.2   |
| 11.3  | 12.0  | 8.2   | 7.6   | 11.0  | 18.3  | 6.5   |
| 1.5   | 1.7   | 2.4   | 2.5   | 2.4   | 2.5   | 2.3   |
| 0.4   | 0.7   | 0.9   | 0.7   | 0.2   | 0.2   | 1.0   |
| 0.0   | 0.1   | 0.4   | 0.4   | 0.2   | 0.3   | 0.0   |
| 0.1   | 0.1   | 0.5   | 0.1   | 0.3   | 0.3   | 0.0   |
| 2.0   | 2.9   | 3.2   | 4.0   | 2.6   | 4.0   | 3.0   |
| 8.7   | 10.5  | 10.9  | 10.6  | 8.8   | 9.2   | 11.4  |
| 2.4   | 2.4   | 2.6   | 2.6   | 3.6   | 2.8   | 2.5   |
| 3.8   | 5.0   | 4.4   | 5.3   | 5.2   | 4.9   | 4.3   |
| 7.0   | 9.7   | 3.2   | 3.5   | 3.9   | 10.8  | 8.5   |
| 11.5  | 14.8  | 11.8  | 12.2  | 15.4  | 15.6  | 11.7  |
| 1.0   | 2.0   | 1.0   | 1.2   | 2.0   | 2.0   | 0.2   |
| 0.6   | 0.5   | 1.0   | 1.3   | 0.9   | 0.9   | 1.1   |
| 47.8  | 56.8  | 59.6  | 59.9  | 61.3  | 57.1  | 46.8  |
| 7.4   | 8.0   | 8.3   | 8.9   | 7.2   | 7.5   | 11.2  |
| 6.3   | 4.8   | 6.9   | 6.8   | 10.3  | 6.4   | 2.9   |
| 22.6  | 34.5  | 33.4  | 34.3  | 29.8  | 31.3  | 26.0  |
| 1.6   | 2.3   | 2.0   | 1.8   | 2.3   | 2.5   | 1.7   |
| 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 2.6   | 2.7   | 4.3   | 4.8   | 4.2   | 3.2   | 1.9   |
| 0.2   | 0.2   | 0.5   | 0.4   | 0.3   | 0.3   | 0.0   |

|       |       |       |       |       |       |      |
|-------|-------|-------|-------|-------|-------|------|
| 4.9   | 5.7   | 3.1   | 4.0   | 5.7   | 4.7   | 2.2  |
| 2.7   | 2.3   | 3.0   | 2.1   | 3.4   | 3.8   | 6.0  |
| 1.6   | 2.1   | 2.8   | 2.4   | 3.6   | 1.8   | 2.6  |
| 2.5   | 4.4   | 9.4   | 7.0   | 6.1   | 5.7   | 3.9  |
| 0.2   | 0.3   | 0.2   | 0.1   | 0.2   | 0.1   | 0.0  |
| 2.7   | 3.8   | 5.1   | 5.9   | 4.2   | 4.0   | 1.5  |
| 138.5 | 148.7 | 102.8 | 113.2 | 162.5 | 169.5 | 99.2 |
| 7.2   | 11.9  | 6.5   | 8.5   | 6.7   | 8.5   | 7.5  |
| 15.6  | 25.8  | 22.0  | 25.7  | 21.5  | 25.5  | 24.5 |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.0   | 0.0   | 0.0  |
| 28.5  | 32.2  | 30.5  | 29.7  | 47.6  | 37.2  | 16.3 |
| 3.5   | 4.5   | 3.0   | 4.0   | 5.1   | 5.1   | 4.4  |
| 9.1   | 10.7  | 7.2   | 11.4  | 7.1   | 6.8   | 6.0  |
| 1.4   | 2.0   | 1.9   | 1.8   | 2.5   | 2.2   | 0.9  |
| 0.1   | 0.1   | 0.5   | 0.4   | 0.5   | 0.8   | 0.0  |
| 5.5   | 6.3   | 6.1   | 8.1   | 4.2   | 7.7   | 8.6  |
| 0.2   | 0.1   | 0.7   | 0.4   | 0.2   | 0.7   | 0.0  |
| 1.2   | 1.1   | 1.0   | 1.0   | 0.9   | 1.5   | 0.8  |
| 0.7   | 0.8   | 0.8   | 1.4   | 0.8   | 0.7   | 0.0  |
| 0.7   | 1.4   | 2.4   | 2.2   | 1.5   | 1.6   | 0.4  |
| 1.9   | 1.7   | 2.3   | 2.3   | 2.0   | 2.6   | 0.8  |
| 0.4   | 0.6   | 0.3   | 0.2   | 0.4   | 0.6   | 0.4  |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.0   | 0.0   | 0.0  |
| 0.3   | 0.2   | 0.3   | 0.5   | 0.3   | 0.3   | 0.9  |
| 0.0   | 0.1   | 0.2   | 0.1   | 0.0   | 0.1   | 0.1  |
| 1.4   | 1.8   | 1.4   | 1.5   | 1.6   | 0.8   | 0.3  |
| 1.4   | 1.2   | 1.2   | 1.6   | 3.4   | 2.3   | 2.4  |
| 0.1   | 0.4   | 1.8   | 1.0   | 0.2   | 0.9   | 0.0  |
| 4.5   | 5.8   | 5.0   | 5.0   | 7.5   | 6.1   | 2.7  |
| 0.1   | 0.1   | 0.0   | 0.3   | 0.1   | 0.0   | 0.0  |
| 8.1   | 9.5   | 15.2  | 12.8  | 14.8  | 13.4  | 16.2 |
| 36.3  | 51.3  | 38.0  | 39.5  | 36.2  | 49.4  | 50.8 |
| 0.0   | 0.1   | 0.2   | 0.2   | 0.1   | 0.2   | 0.0  |
| 0.2   | 0.0   | 0.0   | 0.2   | 0.3   | 0.0   | 0.0  |
| 0.5   | 1.0   | 1.5   | 1.1   | 0.9   | 1.1   | 0.0  |
| 0.0   | 0.1   | 0.2   | 0.1   | 0.2   | 0.2   | 0.0  |
| 1.7   | 2.3   | 3.1   | 3.0   | 2.3   | 2.8   | 1.5  |
| 2.3   | 2.2   | 4.0   | 3.4   | 4.5   | 3.7   | 1.6  |
| 2.2   | 2.2   | 1.5   | 1.5   | 2.7   | 2.2   | 1.6  |
| 10.3  | 9.0   | 7.6   | 8.2   | 13.3  | 11.9  | 6.0  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 0.1   | 0.0   | 0.4   | 0.3   | 0.1   | 0.2   | 0.0  |
| 1.0   | 1.2   | 1.7   | 2.0   | 1.5   | 1.8   | 1.4  |
| 4.0   | 4.1   | 3.5   | 4.4   | 3.9   | 4.9   | 5.3  |
| 3.6   | 4.1   | 5.0   | 4.6   | 4.9   | 4.3   | 4.3  |
| 0.0   | 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0  |
| 20.8  | 24.3  | 15.2  | 16.4  | 24.8  | 27.3  | 9.6  |

|      |       |       |       |       |       |      |
|------|-------|-------|-------|-------|-------|------|
| 0.0  | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0  |
| 0.7  | 0.8   | 1.0   | 1.2   | 0.8   | 0.8   | 0.6  |
| 0.7  | 1.8   | 3.4   | 3.2   | 2.5   | 1.9   | 1.3  |
| 0.8  | 1.4   | 2.9   | 2.7   | 2.2   | 2.4   | 1.1  |
| 0.0  | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0  |
| 0.3  | 0.7   | 0.7   | 1.1   | 0.9   | 0.9   | 0.3  |
| 0.1  | 0.0   | 0.0   | 0.2   | 0.3   | 0.0   | 0.0  |
| 87.7 | 125.0 | 148.4 | 135.5 | 112.4 | 119.2 | 37.7 |
| 7.3  | 12.5  | 12.3  | 13.5  | 9.2   | 8.7   | 11.1 |
| 0.0  | 0.0   | 0.0   | 0.2   | 0.0   | 0.1   | 0.0  |
| 0.1  | 0.4   | 0.7   | 0.5   | 0.3   | 0.5   | 0.1  |
| 3.3  | 3.5   | 3.6   | 4.9   | 5.1   | 4.8   | 2.0  |
| 1.0  | 1.4   | 1.1   | 1.1   | 2.0   | 1.8   | 0.3  |
| 0.3  | 0.3   | 1.1   | 0.6   | 0.3   | 0.4   | 0.0  |
| 9.5  | 11.5  | 6.6   | 8.9   | 11.9  | 14.0  | 11.1 |
| 3.6  | 3.6   | 3.6   | 4.0   | 5.6   | 3.8   | 2.6  |
| 1.6  | 1.9   | 2.4   | 2.3   | 1.9   | 2.5   | 1.7  |
| 0.0  | 0.0   | 0.0   | 0.1   | 0.0   | 0.1   | 0.0  |
| 2.2  | 2.3   | 3.4   | 2.9   | 3.0   | 2.8   | 1.3  |
| 23.5 | 19.8  | 17.0  | 22.2  | 24.7  | 28.7  | 21.0 |
| 0.0  | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0  |
| 0.2  | 0.1   | 0.0   | 0.1   | 0.0   | 0.2   | 0.0  |
| 3.8  | 4.0   | 1.5   | 2.1   | 3.1   | 3.8   | 2.2  |
| 6.9  | 4.3   | 6.6   | 8.3   | 8.3   | 5.8   | 10.8 |
| 1.9  | 2.7   | 1.3   | 1.6   | 3.0   | 3.2   | 1.0  |
| 4.4  | 5.1   | 3.0   | 3.0   | 4.9   | 4.2   | 1.7  |
| 0.1  | 0.2   | 0.2   | 0.2   | 0.0   | 0.1   | 0.0  |
| 1.5  | 1.4   | 1.0   | 1.0   | 1.7   | 1.5   | 0.0  |
| 0.2  | 0.1   | 0.8   | 1.0   | 0.2   | 0.6   | 0.0  |
| 2.9  | 5.1   | 6.6   | 6.4   | 6.5   | 6.7   | 5.8  |
| 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 0.1  | 0.1   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0  |
| 0.1  | 0.0   | 0.1   | 0.3   | 0.0   | 0.0   | 0.0  |
| 0.4  | 0.6   | 0.5   | 0.6   | 1.0   | 1.3   | 0.0  |
| 12.5 | 9.0   | 12.2  | 13.9  | 14.3  | 11.3  | 14.3 |
| 2.2  | 2.3   | 4.6   | 3.8   | 2.8   | 3.4   | 4.3  |
| 10.9 | 11.5  | 14.2  | 14.5  | 13.5  | 12.9  | 8.7  |
| 3.9  | 3.4   | 5.9   | 6.9   | 5.9   | 5.2   | 3.7  |
| 1.4  | 1.4   | 1.1   | 1.1   | 2.1   | 1.3   | 0.2  |
| 0.7  | 0.5   | 1.0   | 1.4   | 0.8   | 2.6   | 1.8  |
| 5.9  | 7.9   | 6.7   | 9.2   | 7.2   | 9.4   | 9.8  |
| 4.3  | 6.4   | 8.4   | 8.4   | 8.5   | 6.1   | 9.0  |
| 2.5  | 3.1   | 3.8   | 4.3   | 3.2   | 2.4   | 2.0  |
| 3.3  | 4.0   | 5.7   | 4.6   | 5.8   | 5.5   | 2.3  |
| 0.0  | 0.1   | 0.2   | 0.5   | 0.0   | 0.0   | 0.0  |
| 0.5  | 0.6   | 1.0   | 1.2   | 1.4   | 0.3   | 2.9  |
| 0.1  | 0.1   | 0.2   | 0.3   | 0.0   | 0.0   | 0.0  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.0   | 0.1   | 0.1   | 0.2   | 0.1   | 0.0   | 0.0   |
| 1.5   | 2.6   | 1.8   | 2.0   | 2.3   | 1.9   | 1.2   |
| 1.0   | 2.1   | 2.1   | 2.4   | 1.5   | 2.0   | 1.2   |
| 3.4   | 2.9   | 2.5   | 2.9   | 4.3   | 4.5   | 0.9   |
| 0.1   | 0.1   | 0.7   | 0.3   | 0.0   | 0.2   | 0.0   |
| 1.8   | 1.9   | 2.2   | 2.0   | 2.8   | 3.0   | 1.0   |
| 275.1 | 248.0 | 182.0 | 204.7 | 216.0 | 267.0 | 447.8 |
| 5.2   | 5.9   | 6.6   | 8.6   | 6.2   | 8.3   | 4.1   |
| 5.4   | 6.3   | 4.2   | 3.9   | 10.0  | 7.1   | 5.6   |
| 39.8  | 49.8  | 41.0  | 46.2  | 51.1  | 55.4  | 38.0  |
| 31.2  | 33.3  | 20.8  | 23.0  | 39.4  | 34.2  | 15.3  |
| 22.1  | 23.0  | 23.3  | 25.0  | 26.4  | 27.3  | 25.2  |
| 13.4  | 12.9  | 9.8   | 10.4  | 20.9  | 17.9  | 11.1  |
| 0.9   | 0.5   | 0.7   | 0.9   | 2.3   | 0.2   | 0.0   |
| 8.8   | 11.0  | 20.6  | 25.0  | 16.2  | 12.5  | 11.7  |
| 4.8   | 10.0  | 12.1  | 9.8   | 8.1   | 7.6   | 11.1  |
| 44.0  | 25.4  | 48.6  | 24.4  | 28.2  | 31.7  | 33.5  |
| 1.0   | 1.4   | 0.8   | 1.5   | 1.2   | 1.2   | 0.9   |
| 0.1   | 0.1   | 0.6   | 0.4   | 0.4   | 0.3   | 0.0   |
| 9.6   | 11.0  | 6.8   | 7.7   | 10.4  | 12.1  | 7.7   |
| 0.1   | 0.1   | 0.6   | 1.1   | 0.1   | 0.3   | 0.0   |
| 7.1   | 6.5   | 6.1   | 7.0   | 7.5   | 7.4   | 7.2   |
| 1.1   | 1.2   | 2.2   | 2.9   | 2.6   | 2.3   | 3.2   |
| 4.4   | 5.0   | 7.7   | 8.6   | 7.6   | 8.8   | 11.7  |
| 0.8   | 0.6   | 0.9   | 0.8   | 1.2   | 1.0   | 0.4   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 4.0   | 5.6   | 4.9   | 5.6   | 4.8   | 5.8   | 4.9   |
| 0.1   | 0.1   | 0.4   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.1   | 0.1   | 0.0   | 0.0   |
| 10.8  | 13.1  | 14.6  | 15.9  | 14.6  | 12.1  | 18.9  |
| 2.7   | 3.2   | 4.0   | 3.7   | 3.5   | 3.8   | 5.6   |
| 10.7  | 12.5  | 9.4   | 10.8  | 14.2  | 17.3  | 9.7   |
| 3.0   | 4.9   | 5.0   | 6.1   | 5.0   | 4.8   | 4.5   |
| 2.5   | 3.7   | 3.4   | 4.0   | 2.9   | 4.4   | 1.8   |
| 0.7   | 1.1   | 1.5   | 1.5   | 1.6   | 0.9   | 1.5   |
| 5.3   | 4.4   | 3.1   | 3.6   | 8.1   | 4.9   | 2.8   |
| 8.2   | 11.2  | 11.3  | 14.0  | 9.6   | 10.7  | 8.1   |
| 0.1   | 0.3   | 1.2   | 1.3   | 0.5   | 0.8   | 2.1   |
| 0.0   | 0.1   | 0.3   | 0.4   | 0.0   | 0.0   | 0.0   |
| 2.7   | 3.2   | 2.3   | 2.6   | 3.8   | 3.0   | 1.8   |
| 22.0  | 22.8  | 24.6  | 21.4  | 26.1  | 31.4  | 14.6  |
| 35.3  | 30.5  | 42.0  | 35.3  | 35.0  | 27.8  | 27.2  |
| 6.5   | 9.0   | 5.5   | 6.0   | 8.4   | 7.4   | 4.3   |
| 9.5   | 13.4  | 12.3  | 11.3  | 16.5  | 16.7  | 4.8   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 12.3  | 13.9  | 11.5  | 11.7  | 17.9  | 9.5   | 2.3   |
| 15.8  | 18.1  | 16.3  | 20.3  | 25.5  | 19.7  | 17.5  |



|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 7.9  | 7.0  | 7.6  | 7.9  | 10.3 | 9.1  | 14.5 |
| 7.5  | 6.5  | 7.5  | 9.1  | 8.3  | 7.8  | 9.6  |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.7  | 0.6  | 0.6  | 0.5  | 0.7  | 1.0  | 0.0  |
| 1.6  | 2.0  | 2.0  | 2.1  | 2.2  | 2.7  | 1.5  |
| 0.9  | 1.2  | 1.7  | 1.5  | 1.6  | 1.6  | 1.1  |
| 3.9  | 3.8  | 5.0  | 5.7  | 5.4  | 5.2  | 6.9  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  |
| 7.1  | 8.2  | 5.4  | 6.2  | 6.8  | 8.2  | 2.8  |
| 0.5  | 0.4  | 0.5  | 0.4  | 0.4  | 0.8  | 0.3  |
| 9.8  | 10.1 | 6.3  | 5.6  | 8.5  | 17.4 | 8.8  |
| 0.2  | 0.3  | 0.7  | 0.6  | 0.6  | 0.9  | 0.0  |
| 4.2  | 5.1  | 6.0  | 6.8  | 5.4  | 3.9  | 2.3  |
| 5.6  | 6.3  | 5.6  | 6.4  | 6.0  | 6.7  | 5.0  |
| 11.3 | 16.0 | 20.6 | 18.0 | 14.0 | 20.4 | 21.1 |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  |
| 1.4  | 2.0  | 1.3  | 1.2  | 2.5  | 2.4  | 1.1  |
| 0.2  | 0.2  | 0.3  | 0.3  | 0.1  | 0.3  | 0.0  |
| 0.3  | 0.3  | 0.7  | 0.4  | 0.7  | 0.5  | 1.4  |
| 24.3 | 35.7 | 30.9 | 30.8 | 36.8 | 33.1 | 26.9 |
| 3.8  | 2.8  | 3.3  | 4.7  | 4.5  | 3.9  | 5.3  |
| 10.9 | 8.7  | 12.2 | 14.4 | 13.3 | 10.9 | 15.1 |
| 5.9  | 6.1  | 6.2  | 7.2  | 8.0  | 10.1 | 10.2 |
| 1.8  | 2.4  | 1.9  | 2.3  | 3.0  | 3.3  | 1.2  |
| 0.0  | 0.2  | 0.4  | 0.4  | 0.1  | 0.4  | 0.0  |
| 2.4  | 2.8  | 4.3  | 5.0  | 3.7  | 2.7  | 2.6  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  |
| 1.7  | 1.3  | 1.7  | 3.7  | 2.4  | 2.3  | 2.6  |
| 5.8  | 6.8  | 3.9  | 5.0  | 4.3  | 6.0  | 6.5  |
| 0.7  | 0.9  | 0.9  | 1.0  | 1.6  | 1.0  | 1.2  |
| 2.6  | 3.1  | 1.8  | 2.6  | 3.5  | 2.3  | 2.6  |
| 0.0  | 0.1  | 0.3  | 0.1  | 0.0  | 0.3  | 0.0  |
| 1.1  | 1.1  | 0.8  | 0.8  | 1.4  | 1.2  | 1.2  |
| 16.2 | 14.9 | 16.8 | 13.2 | 18.6 | 17.4 | 9.8  |
| 6.9  | 9.1  | 4.5  | 4.4  | 7.3  | 8.9  | 4.9  |
| 5.7  | 7.0  | 8.8  | 10.1 | 7.2  | 7.7  | 9.9  |
| 4.3  | 7.4  | 7.6  | 6.6  | 6.0  | 6.7  | 5.1  |
| 7.2  | 8.3  | 4.1  | 3.5  | 5.9  | 10.7 | 5.2  |
| 4.6  | 6.2  | 6.1  | 9.2  | 5.0  | 5.8  | 5.1  |
| 4.5  | 5.6  | 4.6  | 5.6  | 5.0  | 4.8  | 4.3  |
| 5.3  | 4.7  | 5.0  | 8.4  | 5.9  | 7.1  | 7.4  |
| 6.1  | 7.1  | 6.8  | 7.6  | 8.7  | 7.5  | 20.1 |
| 2.5  | 2.3  | 4.2  | 4.2  | 3.4  | 2.7  | 2.6  |
| 1.2  | 1.4  | 2.2  | 2.2  | 1.8  | 3.3  | 1.9  |
| 32.7 | 35.4 | 44.4 | 50.9 | 44.2 | 40.1 | 49.8 |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.5   | 0.8   | 0.8   | 0.8   | 0.8   | 0.6   | 0.9   |
| 2.0   | 2.5   | 1.9   | 2.6   | 2.7   | 4.7   | 1.3   |
| 18.3  | 31.2  | 28.0  | 27.3  | 24.5  | 28.6  | 22.4  |
| 12.0  | 14.2  | 13.9  | 13.4  | 30.6  | 6.8   | 1.5   |
| 0.0   | 0.1   | 0.2   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.3   | 0.5   | 0.9   | 0.3   | 0.6   | 0.0   |
| 0.0   | 0.0   | 0.5   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.7   | 0.8   | 0.7   | 0.6   | 0.6   | 0.8   | 0.9   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.9   | 1.1   | 1.0   | 1.2   | 1.2   | 1.5   | 0.9   |
| 0.8   | 0.7   | 0.5   | 0.3   | 1.0   | 0.7   | 0.1   |
| 3.2   | 5.1   | 3.4   | 3.1   | 5.0   | 4.1   | 1.4   |
| 0.5   | 0.2   | 0.6   | 0.5   | 0.4   | 0.6   | 0.3   |
| 2.8   | 4.4   | 2.0   | 2.5   | 6.0   | 6.4   | 1.3   |
| 15.9  | 18.4  | 15.0  | 16.5  | 18.5  | 17.7  | 6.9   |
| 4.7   | 5.6   | 4.2   | 2.1   | 7.8   | 5.5   | 4.9   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.5   | 0.4   | 0.5   | 0.5   | 0.7   | 0.2   |
| 37.0  | 29.9  | 20.1  | 19.3  | 25.8  | 37.9  | 46.9  |
| 3.1   | 5.5   | 7.4   | 7.5   | 5.5   | 7.2   | 4.1   |
| 0.0   | 0.1   | 0.3   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.1   | 0.1   | 0.0   | 0.0   |
| 21.6  | 22.7  | 27.2  | 31.9  | 26.7  | 22.5  | 24.7  |
| 0.0   | 0.0   | 0.3   | 0.2   | 0.0   | 0.1   | 0.0   |
| 0.3   | 0.5   | 0.0   | 0.3   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.0   | 0.1   | 0.0   |
| 1.4   | 1.5   | 2.6   | 3.0   | 2.1   | 3.0   | 3.3   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.5   | 0.5   | 0.4   | 0.4   | 0.7   | 0.2   |
| 0.4   | 0.4   | 0.4   | 0.5   | 0.3   | 0.4   | 0.6   |
| 1.3   | 1.6   | 3.1   | 2.4   | 1.7   | 1.8   | 2.2   |
| 0.1   | 0.2   | 0.2   | 0.2   | 0.1   | 0.2   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.2   | 0.1   | 0.0   | 0.0   |
| 5.5   | 6.3   | 5.1   | 7.1   | 8.7   | 11.5  | 1.6   |
| 0.0   | 0.0   | 0.1   | 0.2   | 0.1   | 0.0   | 0.0   |
| 0.1   | 0.1   | 0.6   | 0.5   | 0.2   | 0.1   | 0.0   |
| 35.1  | 36.2  | 26.0  | 29.6  | 33.2  | 36.8  | 21.4  |
| 0.9   | 0.9   | 0.8   | 1.0   | 1.4   | 1.2   | 0.0   |
| 131.7 | 148.9 | 144.3 | 151.5 | 156.3 | 151.7 | 169.7 |
| 11.5  | 7.7   | 11.3  | 13.3  | 10.7  | 9.6   | 20.1  |
| 0.1   | 0.1   | 0.3   | 0.2   | 0.1   | 0.2   | 0.0   |
| 6.8   | 7.0   | 7.0   | 8.0   | 8.1   | 9.7   | 9.3   |
| 10.0  | 11.2  | 11.8  | 12.7  | 10.0  | 10.6  | 12.5  |
| 5.5   | 7.0   | 8.0   | 8.2   | 7.2   | 6.5   | 6.9   |
| 0.6   | 0.8   | 0.9   | 0.5   | 0.9   | 1.8   | 2.7   |

|      |       |       |       |      |       |       |
|------|-------|-------|-------|------|-------|-------|
| 0.0  | 0.0   | 0.0   | 0.0   | 0.0  | 0.1   | 0.0   |
| 1.3  | 1.4   | 1.1   | 1.0   | 1.6  | 2.0   | 0.8   |
| 0.0  | 0.1   | 0.2   | 0.2   | 0.1  | 0.2   | 0.0   |
| 2.4  | 3.4   | 3.0   | 3.9   | 4.6  | 3.8   | 1.0   |
| 0.4  | 0.6   | 0.3   | 0.7   | 0.3  | 0.8   | 0.1   |
| 0.0  | 0.1   | 0.5   | 0.7   | 0.2  | 0.9   | 0.0   |
| 0.2  | 0.1   | 1.0   | 0.1   | 0.2  | 0.4   | 0.0   |
| 1.9  | 2.7   | 3.0   | 2.8   | 2.4  | 2.2   | 2.1   |
| 0.4  | 0.8   | 0.6   | 0.5   | 0.2  | 0.6   | 0.0   |
| 3.8  | 4.0   | 6.4   | 3.8   | 5.0  | 4.3   | 5.9   |
| 0.0  | 0.0   | 0.0   | 0.1   | 0.0  | 0.2   | 0.0   |
| 0.2  | 0.5   | 0.0   | 0.0   | 0.3  | 0.8   | 0.0   |
| 1.2  | 1.5   | 1.5   | 2.2   | 1.1  | 2.4   | 0.2   |
| 1.0  | 1.7   | 1.4   | 1.2   | 1.6  | 1.7   | 1.2   |
| 1.0  | 0.8   | 0.8   | 1.1   | 0.9  | 0.7   | 1.3   |
| 13.3 | 18.2  | 19.7  | 20.1  | 14.0 | 16.2  | 18.4  |
| 0.0  | 0.0   | 0.0   | 0.0   | 0.0  | 0.0   | 0.0   |
| 0.0  | 0.2   | 0.2   | 0.1   | 0.2  | 0.2   | 0.0   |
| 0.9  | 0.6   | 1.0   | 1.8   | 0.8  | 0.7   | 0.8   |
| 0.1  | 0.8   | 0.8   | 1.2   | 0.3  | 0.6   | 0.2   |
| 18.3 | 23.0  | 26.7  | 28.6  | 28.5 | 19.3  | 21.0  |
| 7.4  | 7.7   | 8.3   | 9.1   | 9.2  | 6.1   | 7.5   |
| 0.0  | 0.1   | 0.1   | 0.3   | 0.1  | 0.4   | 0.0   |
| 0.2  | 0.4   | 0.4   | 0.2   | 0.2  | 0.3   | 0.0   |
| 0.1  | 0.0   | 0.2   | 0.2   | 0.0  | 0.0   | 0.0   |
| 2.3  | 3.0   | 0.6   | 1.0   | 3.8  | 2.6   | 1.0   |
| 0.0  | 0.1   | 0.0   | 0.1   | 0.0  | 0.0   | 0.0   |
| 2.6  | 3.7   | 3.0   | 3.2   | 5.5  | 4.0   | 1.7   |
| 1.5  | 1.8   | 1.3   | 1.4   | 1.6  | 1.8   | 0.8   |
| 1.7  | 3.7   | 4.6   | 4.4   | 3.3  | 4.5   | 2.6   |
| 1.6  | 2.1   | 1.7   | 1.5   | 1.8  | 1.9   | 0.0   |
| 0.0  | 0.0   | 0.5   | 0.5   | 0.3  | 0.1   | 0.0   |
| 0.8  | 0.9   | 1.0   | 0.8   | 1.1  | 0.9   | 0.2   |
| 0.1  | 0.0   | 0.6   | 0.5   | 0.1  | 0.3   | 0.0   |
| 31.2 | 23.6  | 23.0  | 26.3  | 32.1 | 29.6  | 42.6  |
| 4.4  | 5.0   | 5.4   | 5.7   | 6.6  | 5.7   | 4.2   |
| 5.2  | 5.1   | 7.3   | 9.6   | 6.6  | 7.5   | 6.0   |
| 1.9  | 2.5   | 2.8   | 2.6   | 2.5  | 3.0   | 4.4   |
| 0.0  | 0.0   | 0.2   | 0.1   | 0.0  | 0.0   | 0.0   |
| 1.3  | 2.7   | 1.2   | 1.3   | 1.8  | 2.9   | 1.1   |
| 2.9  | 3.1   | 3.8   | 3.7   | 3.6  | 4.0   | 6.5   |
| 1.9  | 2.6   | 4.7   | 4.0   | 3.1  | 4.4   | 1.0   |
| 76.2 | 105.9 | 110.7 | 122.0 | 99.1 | 109.8 | 140.3 |
| 5.8  | 6.0   | 7.2   | 7.9   | 6.0  | 7.4   | 9.6   |
| 1.7  | 2.5   | 1.4   | 1.3   | 3.0  | 2.4   | 1.8   |
| 3.8  | 3.8   | 4.5   | 4.1   | 4.7  | 4.3   | 4.7   |
| 3.2  | 4.2   | 4.6   | 4.9   | 4.3  | 4.8   | 3.6   |

|      |      |      |       |       |      |       |
|------|------|------|-------|-------|------|-------|
| 10.2 | 8.6  | 8.8  | 10.4  | 11.7  | 10.1 | 6.6   |
| 0.0  | 0.0  | 0.1  | 0.1   | 0.1   | 0.1  | 0.0   |
| 0.0  | 0.0  | 0.0  | 0.5   | 0.7   | 0.0  | 0.0   |
| 0.1  | 0.0  | 0.3  | 0.4   | 0.1   | 0.3  | 0.0   |
| 3.9  | 4.0  | 4.6  | 5.0   | 5.0   | 6.0  | 3.9   |
| 0.4  | 1.0  | 1.4  | 1.1   | 0.9   | 0.8  | 0.2   |
| 9.7  | 12.3 | 10.7 | 12.7  | 10.2  | 12.7 | 9.6   |
| 0.0  | 0.1  | 0.1  | 0.1   | 0.0   | 0.1  | 0.0   |
| 32.9 | 32.3 | 26.7 | 28.4  | 30.2  | 34.7 | 24.1  |
| 22.4 | 28.1 | 28.6 | 31.0  | 28.5  | 23.8 | 24.4  |
| 0.6  | 0.9  | 1.4  | 1.3   | 1.2   | 1.1  | 0.0   |
| 0.1  | 0.2  | 0.3  | 0.2   | 0.1   | 0.5  | 0.0   |
| 0.1  | 0.1  | 0.2  | 0.1   | 0.1   | 0.2  | 0.2   |
| 4.0  | 3.7  | 4.8  | 5.0   | 4.1   | 4.7  | 6.7   |
| 1.2  | 1.6  | 1.7  | 1.9   | 1.6   | 1.1  | 1.1   |
| 10.0 | 8.9  | 11.8 | 14.8  | 10.9  | 11.1 | 12.0  |
| 16.5 | 24.3 | 23.3 | 23.6  | 23.9  | 21.5 | 14.8  |
| 0.1  | 0.4  | 0.4  | 0.5   | 0.0   | 0.4  | 0.6   |
| 0.2  | 0.1  | 0.4  | 0.3   | 0.1   | 0.4  | 0.0   |
| 1.0  | 0.9  | 1.0  | 0.9   | 1.1   | 1.0  | 0.7   |
| 10.9 | 17.2 | 15.3 | 17.9  | 18.3  | 20.4 | 14.8  |
| 16.6 | 21.0 | 14.4 | 15.5  | 23.4  | 20.8 | 6.0   |
| 28.9 | 32.5 | 20.0 | 21.9  | 35.6  | 36.1 | 13.4  |
| 3.7  | 4.3  | 5.7  | 6.1   | 5.2   | 4.9  | 6.1   |
| 2.1  | 2.8  | 1.9  | 2.0   | 2.9   | 3.3  | 3.2   |
| 10.3 | 14.1 | 7.2  | 6.7   | 14.9  | 11.2 | 4.4   |
| 1.6  | 1.8  | 1.8  | 1.6   | 1.8   | 2.4  | 1.4   |
| 97.2 | 93.7 | 91.3 | 115.1 | 109.0 | 82.8 | 196.5 |
| 0.2  | 0.2  | 0.2  | 0.1   | 0.3   | 0.2  | 0.4   |
| 0.2  | 0.2  | 0.6  | 0.5   | 0.3   | 0.4  | 0.0   |
| 1.0  | 1.2  | 5.1  | 3.1   | 1.9   | 3.3  | 0.2   |
| 3.2  | 2.5  | 3.5  | 4.0   | 3.1   | 3.7  | 5.8   |
| 2.5  | 1.8  | 3.5  | 3.9   | 2.7   | 3.4  | 1.7   |
| 1.6  | 1.4  | 2.2  | 2.7   | 2.0   | 2.5  | 2.8   |
| 0.0  | 0.0  | 0.1  | 0.2   | 0.0   | 0.0  | 0.0   |
| 2.1  | 1.8  | 1.9  | 2.3   | 2.5   | 1.1  | 1.0   |
| 11.3 | 11.9 | 17.2 | 20.3  | 14.9  | 11.4 | 9.8   |
| 2.3  | 4.8  | 5.7  | 6.1   | 5.7   | 5.6  | 1.5   |
| 2.3  | 3.2  | 3.6  | 5.3   | 4.5   | 3.9  | 1.4   |
| 9.2  | 9.2  | 4.4  | 4.5   | 6.0   | 5.9  | 2.7   |
| 6.6  | 10.8 | 18.3 | 16.4  | 10.2  | 15.4 | 7.7   |
| 0.2  | 0.0  | 0.6  | 0.1   | 0.2   | 0.1  | 0.0   |
| 2.8  | 3.3  | 2.6  | 2.7   | 3.7   | 5.3  | 0.8   |
| 19.6 | 25.5 | 12.3 | 11.2  | 13.9  | 23.9 | 26.0  |
| 2.8  | 3.0  | 2.3  | 2.4   | 2.5   | 3.0  | 1.6   |
| 2.5  | 4.3  | 5.1  | 6.4   | 5.9   | 4.5  | 3.6   |
| 0.1  | 0.2  | 0.5  | 0.3   | 0.6   | 0.7  | 0.0   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.1  | 0.3  | 0.3  | 0.3  | 0.4  | 0.4  | 0.2  |
| 2.7  | 5.7  | 9.4  | 8.5  | 8.5  | 11.4 | 1.9  |
| 0.0  | 0.0  | 0.0  | 0.4  | 0.8  | 0.6  | 0.0  |
| 2.5  | 3.9  | 4.5  | 4.0  | 4.1  | 3.8  | 3.4  |
| 1.5  | 2.7  | 5.4  | 5.8  | 1.5  | 4.5  | 0.0  |
| 4.5  | 6.0  | 4.6  | 4.5  | 4.5  | 8.2  | 4.0  |
| 0.6  | 1.2  | 1.3  | 1.3  | 1.5  | 1.4  | 1.1  |
| 8.5  | 7.7  | 6.8  | 8.0  | 10.1 | 9.4  | 11.3 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.4  | 0.5  | 1.3  | 1.0  | 0.7  | 1.1  | 0.0  |
| 1.6  | 3.3  | 2.2  | 3.1  | 4.1  | 5.6  | 1.7  |
| 0.3  | 0.4  | 0.8  | 0.7  | 0.7  | 1.1  | 0.0  |
| 2.1  | 3.5  | 2.7  | 2.6  | 3.1  | 4.4  | 2.0  |
| 3.9  | 3.5  | 5.3  | 3.7  | 5.5  | 5.2  | 3.9  |
| 1.7  | 1.2  | 1.6  | 2.0  | 1.6  | 1.6  | 2.3  |
| 0.9  | 2.0  | 2.2  | 2.2  | 1.9  | 2.5  | 0.6  |
| 0.5  | 0.6  | 1.5  | 1.7  | 1.1  | 0.7  | 0.6  |
| 1.0  | 1.0  | 0.9  | 1.2  | 1.4  | 1.2  | 0.8  |
| 0.2  | 0.0  | 0.8  | 0.5  | 0.3  | 0.4  | 0.0  |
| 0.9  | 1.3  | 3.8  | 2.7  | 1.6  | 1.7  | 0.9  |
| 0.2  | 0.5  | 1.3  | 1.5  | 0.6  | 0.9  | 0.4  |
| 0.2  | 0.2  | 0.5  | 0.4  | 0.2  | 0.5  | 0.0  |
| 1.2  | 1.4  | 1.0  | 1.1  | 1.7  | 1.0  | 1.7  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.3  | 1.6  | 1.0  | 1.0  | 2.3  | 1.9  | 0.5  |
| 0.1  | 0.0  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.7  | 1.6  | 2.8  | 1.6  | 1.8  | 2.1  | 0.0  |
| 3.2  | 2.9  | 2.6  | 2.7  | 2.9  | 4.6  | 3.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.3  | 0.0  |
| 1.2  | 1.6  | 1.7  | 2.0  | 1.2  | 2.0  | 1.9  |
| 0.0  | 0.2  | 0.6  | 1.2  | 0.8  | 0.7  | 0.2  |
| 1.6  | 1.4  | 1.1  | 1.0  | 2.1  | 1.0  | 0.1  |
| 0.6  | 0.9  | 0.7  | 0.3  | 0.9  | 0.6  | 0.4  |
| 3.7  | 3.6  | 3.3  | 3.9  | 5.3  | 4.3  | 3.5  |
| 0.0  | 0.3  | 0.4  | 0.2  | 0.2  | 0.0  | 0.0  |
| 0.2  | 0.4  | 0.3  | 0.3  | 0.4  | 0.4  | 0.0  |
| 15.7 | 27.9 | 24.5 | 25.4 | 20.1 | 29.5 | 12.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.7  | 1.5  | 0.1  | 1.5  | 1.0  | 0.4  | 0.0  |
| 3.7  | 3.4  | 5.6  | 4.1  | 3.7  | 4.6  | 3.6  |
| 0.0  | 0.1  | 0.1  | 0.4  | 0.2  | 0.1  | 0.0  |
| 2.8  | 2.9  | 2.3  | 2.6  | 3.6  | 4.2  | 2.5  |
| 5.3  | 6.5  | 4.9  | 5.6  | 5.7  | 6.1  | 6.7  |
| 1.6  | 1.9  | 1.6  | 2.0  | 2.8  | 2.7  | 1.0  |
| 7.4  | 11.2 | 9.9  | 10.4 | 15.0 | 12.5 | 1.5  |
| 0.9  | 1.0  | 2.0  | 1.4  | 1.8  | 1.2  | 0.9  |
| 1.5  | 1.3  | 2.0  | 2.5  | 2.9  | 3.5  | 2.3  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.5  | 1.3  | 2.0  | 1.8  | 1.2  | 2.0  | 0.2  |
| 2.2  | 3.0  | 2.6  | 2.6  | 2.1  | 3.9  | 2.7  |
| 13.1 | 17.5 | 20.9 | 22.0 | 18.9 | 20.9 | 21.0 |
| 0.2  | 0.0  | 0.2  | 0.2  | 0.1  | 0.2  | 0.0  |
| 8.6  | 5.8  | 8.8  | 11.4 | 10.2 | 8.6  | 10.0 |
| 14.1 | 12.9 | 13.8 | 14.1 | 17.2 | 12.9 | 14.7 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.5  | 0.4  | 0.6  | 0.9  | 0.2  | 0.8  | 0.8  |
| 4.9  | 4.4  | 5.8  | 8.5  | 4.7  | 5.8  | 4.5  |
| 1.2  | 1.0  | 1.2  | 1.0  | 0.9  | 1.4  | 1.5  |
| 0.9  | 0.3  | 0.4  | 0.5  | 0.0  | 3.1  | 0.0  |
| 6.1  | 6.5  | 8.5  | 7.9  | 6.8  | 7.0  | 4.2  |
| 1.8  | 1.3  | 1.0  | 2.8  | 2.2  | 2.6  | 1.2  |
| 0.2  | 0.1  | 0.3  | 0.3  | 0.2  | 0.1  | 0.0  |
| 0.4  | 1.1  | 1.3  | 0.8  | 1.2  | 1.1  | 0.0  |
| 0.3  | 0.8  | 0.6  | 1.0  | 0.4  | 0.6  | 0.8  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.3  | 0.1  | 0.1  | 0.1  | 0.2  | 0.0  |
| 0.1  | 0.2  | 0.3  | 0.0  | 0.1  | 0.9  | 0.0  |
| 0.1  | 0.0  | 0.9  | 0.4  | 0.2  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.5  | 0.5  | 0.0  | 0.1  | 0.0  |
| 52.0 | 48.7 | 41.4 | 47.9 | 53.8 | 51.2 | 65.3 |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.2  | 0.2  | 0.6  | 0.3  | 0.4  | 0.4  | 0.0  |
| 0.2  | 0.1  | 0.3  | 0.2  | 0.2  | 0.1  | 0.0  |
| 2.0  | 1.3  | 0.9  | 1.2  | 1.5  | 1.7  | 0.0  |
| 0.1  | 0.1  | 0.8  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.4  | 0.5  | 0.7  | 0.8  | 0.7  | 0.7  | 0.3  |
| 7.0  | 7.1  | 10.6 | 10.7 | 9.7  | 5.8  | 5.0  |
| 0.1  | 0.3  | 0.4  | 0.5  | 0.4  | 0.4  | 0.3  |
| 0.2  | 0.0  | 0.7  | 0.3  | 0.0  | 0.0  | 0.0  |
| 3.6  | 4.6  | 4.7  | 4.8  | 3.4  | 5.0  | 1.0  |
| 5.8  | 4.6  | 6.9  | 9.0  | 5.1  | 6.4  | 7.6  |
| 12.8 | 12.2 | 9.1  | 10.3 | 11.5 | 11.2 | 15.4 |
| 0.4  | 0.6  | 1.1  | 1.2  | 0.6  | 0.9  | 0.9  |
| 0.0  | 0.1  | 0.0  | 0.2  | 0.2  | 1.3  | 0.0  |
| 8.6  | 9.9  | 12.8 | 13.6 | 12.7 | 10.9 | 14.6 |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.0  | 0.0  | 0.0  |
| 12.6 | 10.2 | 12.2 | 13.6 | 11.3 | 13.4 | 9.1  |
| 0.1  | 0.1  | 0.2  | 0.1  | 0.2  | 0.0  | 0.0  |
| 13.3 | 14.2 | 14.8 | 15.9 | 20.4 | 16.9 | 10.1 |
| 0.1  | 0.3  | 1.0  | 0.5  | 0.2  | 1.7  | 0.0  |
| 0.1  | 0.0  | 0.2  | 0.2  | 0.3  | 0.0  | 0.0  |
| 0.3  | 0.1  | 0.2  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  |
| 7.5  | 12.1 | 14.5 | 13.9 | 10.8 | 15.7 | 12.4 |
| 0.1  | 0.0  | 0.5  | 0.5  | 0.4  | 0.3  | 0.7  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.9  | 2.0  | 3.4  | 3.6  | 2.7  | 1.6  | 1.7  |
| 3.4  | 2.6  | 2.8  | 2.6  | 2.0  | 4.2  | 1.8  |
| 3.6  | 4.5  | 4.0  | 4.0  | 6.1  | 3.5  | 2.1  |
| 3.4  | 4.2  | 5.7  | 6.3  | 4.0  | 4.7  | 3.0  |
| 0.0  | 0.0  | 0.0  | 0.4  | 0.0  | 0.0  | 0.0  |
| 3.1  | 3.5  | 2.3  | 2.2  | 4.3  | 3.6  | 1.0  |
| 14.2 | 18.4 | 9.2  | 8.9  | 13.3 | 17.0 | 15.4 |
| 0.0  | 0.0  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.7  | 0.4  | 1.3  | 0.2  | 1.1  | 0.7  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.3  | 0.0  |
| 6.4  | 6.1  | 4.7  | 4.5  | 6.3  | 6.5  | 6.7  |
| 7.9  | 8.2  | 8.2  | 9.9  | 9.2  | 9.5  | 11.7 |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.2  | 0.3  | 1.7  |
| 2.4  | 3.1  | 4.6  | 4.4  | 3.2  | 3.6  | 3.9  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 4.8  | 4.5  | 6.4  | 6.8  | 6.3  | 6.8  | 7.2  |
| 0.2  | 0.1  | 0.3  | 0.2  | 0.2  | 0.4  | 0.6  |
| 15.1 | 16.8 | 17.3 | 17.8 | 18.0 | 16.2 | 15.3 |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  |
| 20.4 | 14.3 | 16.5 | 20.0 | 17.2 | 20.0 | 18.5 |
| 0.6  | 1.0  | 0.8  | 0.9  | 1.4  | 1.1  | 0.2  |
| 38.7 | 33.9 | 41.7 | 51.6 | 45.2 | 39.3 | 53.9 |
| 0.5  | 0.5  | 0.9  | 1.3  | 0.7  | 0.9  | 0.0  |
| 11.9 | 15.8 | 15.0 | 15.4 | 16.4 | 10.4 | 4.8  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  |
| 59.2 | 60.0 | 37.6 | 34.6 | 71.3 | 77.3 | 25.0 |
| 2.7  | 4.5  | 4.1  | 3.6  | 3.4  | 4.1  | 1.1  |
| 7.1  | 9.7  | 9.9  | 8.1  | 8.1  | 9.4  | 7.2  |
| 1.7  | 1.4  | 0.9  | 1.3  | 3.1  | 1.6  | 0.0  |
| 0.5  | 0.4  | 3.0  | 2.1  | 0.8  | 2.0  | 0.2  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.2  | 0.3  | 0.0  |
| 1.3  | 1.0  | 1.4  | 1.5  | 1.0  | 1.9  | 0.5  |
| 0.3  | 0.9  | 1.6  | 1.4  | 0.6  | 1.1  | 0.6  |
| 67.6 | 92.8 | 83.3 | 98.3 | 94.5 | 85.9 | 84.9 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.8  | 1.5  | 1.7  | 1.1  | 1.5  | 1.5  | 1.2  |
| 2.2  | 1.7  | 2.6  | 2.5  | 2.5  | 1.8  | 3.6  |
| 2.8  | 3.9  | 5.3  | 6.1  | 5.1  | 4.6  | 1.3  |
| 2.8  | 4.2  | 4.7  | 5.1  | 3.7  | 4.6  | 1.2  |
| 0.3  | 0.3  | 0.5  | 0.3  | 0.4  | 0.5  | 1.1  |
| 0.2  | 0.4  | 1.4  | 1.1  | 0.6  | 0.8  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.2  | 0.0  | 0.2  | 0.0  |

|      |      |      |       |      |      |       |
|------|------|------|-------|------|------|-------|
| 3.0  | 3.9  | 2.8  | 3.1   | 3.5  | 4.5  | 4.8   |
| 1.8  | 3.0  | 3.8  | 4.8   | 3.0  | 5.6  | 2.5   |
| 13.8 | 15.4 | 15.1 | 14.0  | 14.4 | 18.0 | 8.7   |
| 0.0  | 0.0  | 0.0  | 0.1   | 0.0  | 0.0  | 0.0   |
| 4.8  | 4.5  | 5.4  | 6.9   | 5.6  | 5.3  | 7.7   |
| 0.1  | 0.2  | 0.7  | 0.4   | 0.1  | 0.4  | 0.0   |
| 1.6  | 2.0  | 2.2  | 1.8   | 1.8  | 1.3  | 1.2   |
| 6.9  | 15.8 | 0.0  | 6.2   | 4.0  | 9.3  | 0.0   |
| 0.0  | 0.0  | 0.0  | 0.0   | 0.1  | 0.0  | 0.0   |
| 6.2  | 6.6  | 7.4  | 8.1   | 10.2 | 10.2 | 9.7   |
| 0.3  | 0.6  | 0.2  | 0.1   | 0.6  | 0.6  | 0.1   |
| 0.3  | 0.1  | 0.7  | 0.7   | 0.1  | 0.2  | 0.1   |
| 2.9  | 2.9  | 3.3  | 4.5   | 3.8  | 3.4  | 2.4   |
| 0.0  | 0.0  | 0.3  | 0.0   | 0.0  | 0.3  | 0.0   |
| 0.1  | 0.0  | 0.3  | 0.2   | 0.2  | 0.1  | 0.0   |
| 0.2  | 0.2  | 0.5  | 0.9   | 0.2  | 0.2  | 0.0   |
| 11.3 | 10.6 | 11.0 | 12.6  | 10.7 | 11.4 | 10.0  |
| 9.6  | 12.5 | 14.0 | 17.4  | 18.3 | 14.5 | 8.0   |
| 3.7  | 5.6  | 4.0  | 3.2   | 4.9  | 6.6  | 3.1   |
| 78.1 | 82.1 | 97.9 | 101.4 | 96.5 | 97.0 | 106.6 |
| 1.5  | 3.7  | 5.4  | 5.2   | 3.9  | 5.8  | 3.9   |
| 1.8  | 3.3  | 2.2  | 2.3   | 1.8  | 2.1  | 2.9   |
| 0.1  | 0.4  | 0.5  | 0.8   | 0.3  | 0.4  | 0.0   |
| 7.9  | 13.8 | 14.8 | 16.2  | 17.7 | 12.6 | 6.4   |
| 0.0  | 0.0  | 0.2  | 0.0   | 0.0  | 0.0  | 0.0   |
| 6.3  | 7.0  | 6.6  | 6.5   | 6.5  | 7.8  | 3.9   |
| 0.0  | 0.0  | 0.2  | 0.1   | 0.0  | 0.0  | 0.0   |
| 10.7 | 11.1 | 8.1  | 6.9   | 13.2 | 11.6 | 6.2   |
| 30.4 | 34.2 | 41.7 | 47.9  | 45.5 | 33.0 | 30.1  |
| 0.4  | 0.8  | 0.8  | 0.6   | 0.5  | 0.3  | 0.0   |
| 2.0  | 2.4  | 1.6  | 1.5   | 2.3  | 2.6  | 1.2   |
| 0.7  | 0.7  | 1.7  | 0.4   | 0.4  | 0.3  | 0.0   |
| 8.1  | 8.8  | 8.3  | 9.9   | 9.1  | 11.0 | 8.9   |
| 0.3  | 0.2  | 0.5  | 0.4   | 0.3  | 0.2  | 0.2   |
| 17.7 | 20.7 | 11.1 | 11.4  | 19.6 | 25.6 | 8.5   |
| 0.1  | 0.0  | 0.1  | 0.1   | 0.0  | 0.2  | 0.0   |
| 1.1  | 1.1  | 0.7  | 0.7   | 1.4  | 1.3  | 0.1   |
| 5.8  | 6.6  | 3.1  | 3.0   | 7.3  | 5.7  | 1.1   |
| 0.0  | 0.1  | 0.1  | 0.1   | 0.1  | 0.1  | 0.0   |
| 3.0  | 4.5  | 3.7  | 4.6   | 3.7  | 4.5  | 4.9   |
| 25.0 | 31.4 | 35.1 | 35.2  | 34.4 | 33.3 | 37.8  |
| 0.2  | 0.3  | 0.2  | 0.4   | 0.3  | 0.6  | 1.0   |
| 0.1  | 0.0  | 0.5  | 0.3   | 0.1  | 0.1  | 0.0   |
| 0.9  | 0.4  | 2.4  | 0.7   | 0.6  | 0.0  | 0.0   |
| 40.1 | 44.2 | 45.0 | 47.1  | 45.1 | 39.6 | 37.9  |
| 2.3  | 3.5  | 4.9  | 4.0   | 4.6  | 3.8  | 1.6   |
| 0.2  | 0.2  | 0.2  | 0.3   | 0.2  | 0.3  | 0.4   |



|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 5.2   | 4.8   | 3.7   | 3.6   | 5.8   | 6.6   | 2.8   |
| 4.6   | 5.4   | 6.5   | 5.6   | 8.1   | 5.2   | 7.6   |
| 5.1   | 5.4   | 5.9   | 7.6   | 5.1   | 6.1   | 11.1  |
| 3.1   | 3.7   | 5.5   | 6.7   | 5.5   | 5.3   | 2.0   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.2   | 0.3   | 0.2   | 0.2   | 0.3   | 0.1   |
| 2.5   | 3.1   | 5.5   | 5.1   | 3.6   | 5.1   | 6.4   |
| 0.1   | 0.0   | 0.1   | 0.0   | 0.0   | 0.1   | 0.5   |
| 1.5   | 1.4   | 2.7   | 2.6   | 3.3   | 3.2   | 0.0   |
| 0.5   | 1.1   | 1.9   | 0.9   | 0.8   | 0.5   | 1.5   |
| 0.1   | 0.2   | 0.3   | 0.3   | 0.1   | 0.4   | 0.5   |
| 4.3   | 5.7   | 7.5   | 6.9   | 6.3   | 4.5   | 2.3   |
| 367.1 | 414.8 | 352.5 | 361.8 | 385.2 | 372.1 | 257.7 |
| 4.5   | 3.9   | 2.9   | 4.3   | 4.0   | 5.0   | 2.9   |
| 1.9   | 2.8   | 3.1   | 3.4   | 2.0   | 3.7   | 3.4   |
| 39.7  | 41.0  | 45.4  | 47.2  | 50.7  | 43.7  | 33.8  |
| 0.1   | 0.0   | 0.5   | 0.2   | 0.0   | 0.4   | 0.0   |
| 2.4   | 3.5   | 2.4   | 2.5   | 3.4   | 2.8   | 1.5   |
| 81.2  | 70.5  | 87.8  | 91.8  | 82.2  | 96.1  | 104.6 |
| 0.1   | 0.0   | 0.1   | 0.2   | 0.0   | 0.3   | 0.0   |
| 0.2   | 0.2   | 0.4   | 0.5   | 0.3   | 1.0   | 1.9   |
| 151.5 | 159.3 | 203.0 | 200.8 | 139.0 | 142.8 | 146.6 |
| 0.3   | 0.8   | 1.5   | 1.7   | 0.7   | 1.1   | 0.0   |
| 0.4   | 0.6   | 0.6   | 0.7   | 0.6   | 0.7   | 0.4   |
| 0.1   | 0.0   | 0.2   | 0.3   | 0.2   | 0.0   | 0.2   |
| 0.1   | 0.2   | 0.2   | 0.2   | 0.4   | 0.4   | 0.4   |
| 11.5  | 15.5  | 12.6  | 16.0  | 16.5  | 13.2  | 12.1  |
| 0.5   | 0.6   | 0.9   | 1.5   | 0.7   | 0.1   | 0.9   |
| 7.8   | 10.1  | 7.8   | 8.1   | 12.5  | 10.5  | 3.2   |
| 0.1   | 0.1   | 0.8   | 0.1   | 0.3   | 0.3   | 0.0   |
| 0.6   | 0.7   | 0.6   | 1.2   | 1.4   | 0.9   | 0.0   |
| 0.1   | 0.7   | 1.4   | 1.3   | 0.5   | 0.8   | 0.0   |
| 0.3   | 0.2   | 0.5   | 0.5   | 0.5   | 2.0   | 0.6   |
| 0.0   | 0.8   | 0.8   | 0.9   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.0   | 0.0   | 0.3   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.7   | 0.3   | 0.0   | 0.0   | 0.0   |
| 3.3   | 6.7   | 6.5   | 7.7   | 7.4   | 7.2   | 6.8   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 33.6  | 10.3  | 11.1  | 15.0  | 13.0  | 16.3  | 93.8  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.2   | 0.0   |
| 2.5   | 3.8   | 3.5   | 4.3   | 4.4   | 4.7   | 5.5   |
| 3.3   | 3.5   | 2.7   | 2.5   | 3.4   | 4.5   | 4.3   |
| 2.0   | 2.4   | 1.3   | 1.8   | 3.6   | 3.4   | 0.0   |
| 7.4   | 7.9   | 6.7   | 7.0   | 9.6   | 8.8   | 5.1   |
| 39.0  | 56.8  | 44.4  | 51.0  | 46.8  | 48.5  | 29.4  |
| 7.6   | 4.2   | 5.7   | 9.8   | 8.6   | 7.8   | 10.3  |
| 0.4   | 0.5   | 2.1   | 0.6   | 0.5   | 1.4   | 0.4   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 12.1 | 8.9  | 8.7  | 8.6  | 13.8 | 12.7 | 10.7 |
| 4.0  | 5.9  | 7.1  | 7.1  | 5.0  | 8.1  | 5.9  |
| 0.7  | 0.9  | 2.1  | 1.9  | 1.5  | 1.3  | 0.7  |
| 0.4  | 0.3  | 0.5  | 1.2  | 1.1  | 0.0  | 0.0  |
| 0.7  | 1.0  | 0.9  | 0.6  | 0.3  | 0.8  | 2.1  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  |
| 24.4 | 22.5 | 22.7 | 27.9 | 24.9 | 23.7 | 22.3 |
| 0.2  | 0.2  | 0.5  | 0.1  | 0.2  | 0.1  | 0.0  |
| 4.6  | 4.8  | 3.3  | 3.8  | 5.4  | 6.2  | 0.9  |
| 4.9  | 7.0  | 6.5  | 6.2  | 4.3  | 5.7  | 7.0  |
| 1.7  | 2.4  | 2.5  | 1.7  | 1.1  | 1.8  | 2.4  |
| 2.5  | 3.3  | 3.7  | 4.1  | 3.9  | 3.8  | 4.4  |
| 0.2  | 0.5  | 0.5  | 0.7  | 0.5  | 0.8  | 0.4  |
| 8.6  | 9.8  | 10.2 | 8.1  | 7.0  | 8.8  | 11.0 |
| 3.4  | 3.9  | 5.0  | 6.7  | 4.8  | 4.8  | 5.1  |
| 0.0  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.6  | 1.3  | 4.0  | 2.9  | 1.7  | 3.9  | 2.0  |
| 4.9  | 4.9  | 4.6  | 4.0  | 5.0  | 5.4  | 2.6  |
| 2.6  | 3.7  | 3.8  | 2.9  | 4.7  | 3.1  | 1.6  |
| 0.6  | 1.0  | 2.1  | 1.4  | 0.6  | 1.7  | 0.2  |
| 0.3  | 0.1  | 0.6  | 0.2  | 0.0  | 0.0  | 0.0  |
| 3.1  | 3.8  | 4.1  | 4.9  | 3.3  | 4.2  | 4.8  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.1  | 0.1  |
| 0.0  | 0.1  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.5  | 0.1  | 0.1  | 0.2  | 0.0  |
| 1.3  | 1.7  | 1.6  | 1.4  | 1.7  | 1.4  | 0.5  |
| 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2.2  | 2.6  | 2.0  | 2.1  | 4.1  | 3.4  | 1.1  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.3  |
| 1.8  | 1.9  | 2.5  | 2.8  | 2.7  | 3.8  | 0.8  |
| 19.5 | 18.7 | 19.2 | 20.6 | 24.6 | 25.0 | 18.0 |
| 0.2  | 0.3  | 1.2  | 0.4  | 0.3  | 1.0  | 0.0  |
| 0.2  | 0.0  | 0.6  | 0.2  | 0.2  | 1.8  | 0.4  |
| 1.2  | 1.6  | 5.4  | 3.5  | 2.4  | 4.6  | 0.0  |
| 2.5  | 3.4  | 4.9  | 4.0  | 3.9  | 3.7  | 2.5  |
| 16.0 | 20.4 | 18.3 | 17.3 | 26.3 | 13.4 | 2.9  |
| 12.1 | 12.5 | 9.7  | 8.5  | 18.0 | 15.0 | 4.6  |
| 0.2  | 0.4  | 0.3  | 0.4  | 0.3  | 0.5  | 1.3  |
| 0.9  | 1.1  | 1.1  | 0.7  | 0.9  | 1.3  | 1.8  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 5.0  | 6.1  | 2.8  | 3.8  | 5.0  | 6.6  | 8.3  |
| 0.1  | 0.0  | 0.4  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.3  | 0.2  | 0.3  | 0.3  | 0.1  | 0.4  | 0.1  |
| 2.5  | 3.4  | 2.9  | 3.3  | 2.6  | 2.8  | 1.5  |
| 1.7  | 2.3  | 3.0  | 3.9  | 2.6  | 2.3  | 1.9  |
| 5.2  | 5.3  | 6.7  | 8.1  | 6.7  | 6.9  | 8.9  |
| 6.0  | 7.3  | 8.8  | 8.5  | 5.9  | 7.5  | 9.4  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 2.0  | 1.9  | 3.7  | 3.5  | 2.7  | 2.2  | 0.1  |
| 1.9  | 3.7  | 13.2 | 7.9  | 2.8  | 5.7  | 0.6  |
| 0.1  | 0.3  | 0.2  | 0.3  | 0.1  | 0.3  | 0.0  |
| 5.1  | 10.4 | 9.1  | 10.5 | 6.4  | 8.8  | 7.1  |
| 25.7 | 39.1 | 43.8 | 44.8 | 39.2 | 35.6 | 42.0 |
| 48.1 | 40.3 | 64.8 | 42.9 | 52.0 | 45.7 | 90.0 |
| 60.0 | 75.1 | 71.7 | 76.6 | 68.7 | 68.8 | 78.9 |
| 19.2 | 32.0 | 34.0 | 34.6 | 27.0 | 27.7 | 38.7 |
| 0.1  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.8  | 1.2  | 0.6  | 0.8  | 1.2  | 0.5  | 0.0  |
| 6.5  | 9.8  | 10.2 | 11.9 | 7.6  | 9.1  | 12.0 |
| 1.2  | 1.4  | 1.9  | 1.9  | 1.8  | 2.4  | 2.4  |
| 1.0  | 1.5  | 0.9  | 0.8  | 1.8  | 0.5  | 1.2  |
| 0.0  | 0.1  | 0.6  | 0.4  | 0.4  | 1.0  | 0.0  |
| 11.7 | 14.8 | 16.7 | 22.4 | 13.1 | 15.1 | 15.4 |
| 0.5  | 0.5  | 1.0  | 1.1  | 0.8  | 0.9  | 0.0  |
| 0.5  | 0.8  | 2.5  | 2.4  | 1.0  | 1.8  | 0.5  |
| 0.1  | 0.2  | 0.6  | 0.9  | 0.1  | 0.7  | 0.0  |
| 1.5  | 0.4  | 0.9  | 1.0  | 0.7  | 0.4  | 0.0  |
| 0.5  | 0.3  | 2.0  | 0.7  | 0.4  | 0.6  | 0.0  |
| 5.0  | 7.8  | 4.5  | 5.7  | 7.8  | 4.9  | 3.9  |
| 2.3  | 1.7  | 2.8  | 2.2  | 2.4  | 2.4  | 2.8  |
| 0.1  | 0.1  | 0.4  | 0.3  | 0.1  | 0.3  | 0.0  |
| 0.0  | 0.1  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 6.2  | 8.4  | 8.5  | 11.1 | 10.0 | 9.0  | 13.1 |
| 9.3  | 14.2 | 14.0 | 13.8 | 18.7 | 18.8 | 4.8  |
| 55.9 | 66.5 | 37.0 | 34.8 | 77.6 | 68.2 | 33.8 |
| 4.5  | 7.3  | 4.0  | 8.2  | 11.3 | 6.7  | 30.3 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  |
| 1.9  | 2.1  | 1.6  | 1.3  | 2.4  | 2.8  | 1.2  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.2  | 0.2  | 0.0  |
| 0.7  | 1.1  | 0.6  | 1.2  | 2.1  | 1.4  | 1.1  |
| 0.0  | 0.1  | 0.5  | 0.0  | 0.0  | 0.4  | 0.0  |
| 0.2  | 0.3  | 0.0  | 0.0  | 0.1  | 0.2  | 0.0  |
| 0.1  | 0.1  | 0.0  | 0.1  | 0.1  | 0.2  | 0.0  |
| 0.2  | 0.1  | 0.4  | 0.1  | 0.0  | 0.2  | 0.0  |
| 3.0  | 1.1  | 1.4  | 3.9  | 9.8  | 4.3  | 6.4  |
| 0.0  | 0.0  | 0.4  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.2  | 0.1  | 0.7  | 0.3  | 0.0  | 0.0  | 0.0  |
| 1.8  | 4.4  | 8.9  | 8.4  | 3.6  | 9.2  | 2.2  |
| 2.3  | 4.5  | 7.5  | 6.6  | 3.0  | 6.2  | 2.6  |
| 0.3  | 0.3  | 0.3  | 0.6  | 0.3  | 0.6  | 0.0  |
| 0.0  | 0.1  | 0.6  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.4  | 0.1  | 0.1  | 0.0  | 0.0  |
| 13.0 | 17.3 | 14.5 | 16.7 | 21.0 | 10.1 | 3.3  |

|         |         |         |         |         |         |         |
|---------|---------|---------|---------|---------|---------|---------|
| 0.1     | 0.1     | 0.1     | 0.0     | 0.2     | 0.1     | 0.0     |
| 0.3     | 0.5     | 0.8     | 0.6     | 0.6     | 0.4     | 0.7     |
| 0.0     | 0.1     | 0.1     | 0.2     | 0.0     | 0.1     | 0.0     |
| 1.4     | 1.7     | 2.1     | 1.7     | 3.5     | 1.9     | 0.9     |
| 9.5     | 15.3    | 11.2    | 14.1    | 13.2    | 12.9    | 8.2     |
| 9.8     | 13.4    | 13.7    | 17.7    | 12.1    | 14.4    | 12.7    |
| 2.5     | 2.9     | 4.1     | 3.5     | 3.3     | 3.2     | 2.2     |
| 2.4     | 5.6     | 11.4    | 13.0    | 5.6     | 11.1    | 3.7     |
| 0.0     | 0.0     | 0.1     | 0.3     | 0.1     | 0.2     | 0.0     |
| 0.3     | 0.5     | 0.4     | 0.3     | 0.3     | 0.6     | 0.6     |
| 0.0     | 0.0     | 0.0     | 0.6     | 0.0     | 0.0     | 0.0     |
| 0.1     | 0.2     | 0.3     | 0.4     | 0.3     | 0.0     | 0.0     |
| 3.7     | 9.6     | 8.8     | 10.7    | 9.3     | 8.1     | 7.8     |
| 0.0     | 0.0     | 0.1     | 0.1     | 0.2     | 0.0     | 0.0     |
| 1.9     | 3.0     | 2.7     | 5.8     | 2.2     | 3.0     | 0.9     |
| 0.6     | 0.8     | 0.9     | 0.9     | 1.3     | 1.2     | 0.3     |
| 32.3    | 42.6    | 40.9    | 43.3    | 33.0    | 39.9    | 65.8    |
| 2.4     | 3.3     | 8.4     | 7.5     | 4.1     | 6.0     | 0.9     |
| 0.3     | 0.2     | 0.1     | 0.0     | 0.4     | 0.7     | 0.2     |
| 2.3     | 1.6     | 1.0     | 2.7     | 1.9     | 2.4     | 6.8     |
| 0.3     | 0.2     | 0.1     | 0.6     | 0.0     | 0.2     | 0.0     |
| 0.0     | 0.2     | 0.1     | 0.1     | 0.4     | 0.2     | 0.0     |
| 0.0     | 0.0     | 1.5     | 0.5     | 0.1     | 0.0     | 0.0     |
| 0.0     | 0.1     | 0.2     | 0.4     | 0.2     | 0.0     | 0.0     |
| 4.1     | 6.9     | 6.2     | 5.9     | 5.9     | 7.4     | 5.9     |
| 0.0     | 0.0     | 0.2     | 0.1     | 0.0     | 0.0     | 0.0     |
| 59262.5 | 41035.7 | 38725.0 | 42059.4 | 48031.8 | 44480.9 | 60037.4 |
| 0.6     | 1.6     | 1.0     | 1.2     | 0.3     | 1.6     | 0.0     |
| 0.2     | 0.5     | 0.7     | 0.7     | 0.4     | 0.8     | 0.0     |
| 0.3     | 0.4     | 0.3     | 1.6     | 0.2     | 0.3     | 0.0     |
| 0.6     | 0.5     | 1.1     | 0.7     | 0.9     | 1.0     | 0.5     |
| 0.0     | 0.0     | 0.1     | 0.2     | 0.0     | 0.0     | 0.2     |
| 2.1     | 2.5     | 3.0     | 4.5     | 4.3     | 1.8     | 2.2     |
| 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 2.1     | 2.7     | 1.9     | 2.1     | 3.7     | 2.6     | 0.1     |
| 10.6    | 12.5    | 18.1    | 16.1    | 13.5    | 17.5    | 15.7    |
| 31.8    | 52.7    | 46.4    | 44.8    | 45.3    | 49.3    | 26.9    |
| 1.0     | 1.2     | 1.0     | 0.6     | 1.1     | 0.5     | 0.0     |
| 0.1     | 0.2     | 0.6     | 0.0     | 0.1     | 0.8     | 0.0     |
| 1.6     | 2.2     | 1.5     | 1.7     | 2.6     | 2.2     | 1.4     |
| 9.1     | 10.5    | 18.4    | 19.5    | 10.1    | 9.5     | 3.0     |
| 29.2    | 31.1    | 26.7    | 26.5    | 24.2    | 36.9    | 42.7    |
| 1.2     | 1.1     | 1.7     | 1.6     | 1.0     | 1.2     | 1.5     |
| 9.5     | 9.7     | 9.0     | 10.9    | 6.7     | 9.8     | 10.4    |
| 0.0     | 0.1     | 0.2     | 0.2     | 0.1     | 0.1     | 0.0     |
| 0.3     | 0.5     | 1.5     | 0.6     | 0.3     | 0.5     | 1.3     |
| 4.5     | 4.9     | 5.4     | 6.5     | 8.4     | 4.3     | 2.8     |

|      |      |      |      |       |      |       |
|------|------|------|------|-------|------|-------|
| 11.9 | 10.8 | 12.7 | 13.1 | 10.5  | 12.8 | 17.9  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   |
| 1.2  | 0.9  | 1.0  | 0.9  | 1.9   | 1.7  | 0.3   |
| 1.2  | 1.8  | 2.2  | 1.6  | 1.8   | 2.0  | 1.3   |
| 2.4  | 2.2  | 2.7  | 2.7  | 3.9   | 2.8  | 1.2   |
| 0.1  | 0.4  | 0.3  | 0.2  | 0.1   | 0.3  | 0.0   |
| 0.1  | 0.3  | 0.2  | 0.0  | 0.0   | 0.3  | 0.0   |
| 56.8 | 67.4 | 61.5 | 56.8 | 125.9 | 50.3 | 109.2 |
| 0.2  | 0.3  | 0.1  | 0.3  | 0.2   | 0.3  | 0.0   |
| 0.4  | 0.4  | 0.3  | 0.5  | 0.4   | 0.0  | 0.0   |
| 1.6  | 1.9  | 4.3  | 4.4  | 2.1   | 3.9  | 0.2   |
| 3.2  | 2.4  | 3.2  | 3.8  | 3.6   | 3.1  | 0.3   |
| 1.7  | 1.8  | 1.6  | 1.4  | 2.0   | 1.7  | 0.3   |
| 15.0 | 12.5 | 16.9 | 18.3 | 19.6  | 14.2 | 13.5  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0   | 0.0  | 0.0   |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1   | 0.0  | 0.0   |
| 7.6  | 9.1  | 6.6  | 7.2  | 10.4  | 7.0  | 4.1   |
| 29.1 | 69.2 | 78.7 | 83.8 | 81.5  | 64.5 | 54.8  |
| 2.1  | 2.1  | 1.3  | 1.4  | 2.0   | 2.7  | 0.1   |
| 3.3  | 3.9  | 5.7  | 5.8  | 5.0   | 4.7  | 4.5   |
| 0.4  | 0.4  | 0.6  | 0.7  | 0.6   | 0.6  | 0.1   |
| 0.1  | 0.1  | 0.2  | 0.2  | 0.1   | 0.2  | 0.0   |
| 0.2  | 0.0  | 0.9  | 1.3  | 0.3   | 0.6  | 0.0   |
| 0.0  | 0.0  | 0.2  | 0.3  | 0.0   | 0.0  | 0.0   |
| 0.7  | 0.5  | 0.9  | 0.7  | 1.1   | 0.6  | 0.3   |
| 1.1  | 0.5  | 0.0  | 0.0  | 0.8   | 0.7  | 0.0   |
| 3.5  | 3.6  | 4.1  | 5.6  | 4.0   | 6.2  | 6.8   |
| 0.0  | 0.1  | 0.0  | 0.1  | 0.0   | 0.2  | 0.0   |
| 0.7  | 1.1  | 1.2  | 1.5  | 1.0   | 1.1  | 1.2   |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.1   | 0.5  | 0.0   |
| 40.3 | 43.3 | 32.3 | 33.5 | 44.0  | 53.2 | 44.1  |
| 5.8  | 5.5  | 4.6  | 4.0  | 5.4   | 7.0  | 2.8   |
| 7.0  | 9.2  | 10.1 | 11.1 | 13.4  | 9.0  | 8.3   |
| 4.3  | 4.9  | 5.2  | 6.5  | 4.5   | 3.1  | 4.4   |
| 2.3  | 3.1  | 4.7  | 4.6  | 3.6   | 4.6  | 1.3   |
| 1.4  | 2.0  | 2.0  | 1.8  | 2.5   | 2.1  | 1.0   |
| 3.2  | 4.1  | 4.5  | 3.9  | 3.7   | 4.5  | 5.2   |
| 4.4  | 4.8  | 5.6  | 6.6  | 7.1   | 5.1  | 5.4   |
| 0.1  | 0.0  | 0.2  | 0.9  | 0.0   | 0.1  | 0.0   |
| 0.4  | 1.2  | 2.9  | 2.8  | 0.7   | 1.9  | 0.3   |
| 0.3  | 0.1  | 0.4  | 0.1  | 0.3   | 0.2  | 0.0   |
| 0.3  | 0.9  | 1.6  | 1.3  | 0.6   | 1.3  | 0.2   |
| 0.1  | 0.2  | 0.1  | 0.0  | 0.2   | 0.0  | 0.3   |
| 0.0  | 0.1  | 0.0  | 0.2  | 0.1   | 0.0  | 0.0   |
| 5.6  | 5.9  | 5.1  | 5.2  | 5.4   | 4.8  | 3.7   |
| 6.9  | 7.2  | 5.5  | 6.0  | 11.0  | 10.3 | 8.9   |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1   | 0.1  | 0.0   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 2.1  | 2.0  | 2.1  | 2.7  | 2.9  | 2.6  | 2.8  |
| 53.1 | 60.2 | 50.0 | 49.2 | 78.9 | 69.3 | 11.7 |
| 2.1  | 3.7  | 2.9  | 2.8  | 2.9  | 3.5  | 2.4  |
| 0.1  | 0.1  | 0.3  | 0.3  | 0.0  | 0.4  | 0.0  |
| 3.8  | 4.8  | 2.3  | 2.6  | 6.3  | 5.7  | 2.1  |
| 0.0  | 0.1  | 0.2  | 0.4  | 0.1  | 0.1  | 0.0  |
| 0.3  | 0.2  | 0.7  | 1.1  | 0.7  | 0.8  | 0.3  |
| 0.0  | 0.0  | 0.1  | 0.3  | 0.0  | 0.1  | 0.0  |
| 3.1  | 3.3  | 4.6  | 5.4  | 4.3  | 4.3  | 5.2  |
| 0.5  | 0.3  | 0.7  | 0.8  | 0.6  | 1.0  | 0.6  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  |
| 4.3  | 5.7  | 7.0  | 6.6  | 5.1  | 5.6  | 4.5  |
| 14.1 | 13.7 | 12.0 | 10.3 | 16.6 | 14.1 | 11.6 |
| 2.8  | 3.6  | 3.0  | 4.3  | 2.5  | 4.5  | 6.7  |
| 2.0  | 2.3  | 3.5  | 4.7  | 2.8  | 3.7  | 2.7  |
| 0.2  | 0.5  | 0.5  | 0.6  | 0.5  | 0.9  | 0.8  |
| 0.3  | 0.5  | 0.6  | 0.3  | 0.3  | 0.9  | 0.1  |
| 11.9 | 16.8 | 16.3 | 17.6 | 16.0 | 14.8 | 13.6 |
| 9.3  | 11.3 | 6.8  | 6.6  | 11.8 | 13.9 | 3.6  |
| 12.8 | 11.8 | 20.8 | 24.0 | 18.4 | 15.8 | 17.7 |
| 0.1  | 0.1  | 0.3  | 0.3  | 0.4  | 0.3  | 0.1  |
| 0.9  | 0.4  | 0.8  | 0.3  | 0.9  | 0.8  | 0.0  |
| 0.1  | 0.0  | 0.4  | 0.4  | 0.2  | 0.3  | 0.0  |
| 31.5 | 40.6 | 45.8 | 44.1 | 40.6 | 42.6 | 26.1 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 5.6  | 7.0  | 6.9  | 6.9  | 7.1  | 7.2  | 8.8  |
| 0.9  | 1.7  | 3.3  | 2.7  | 2.1  | 2.8  | 0.7  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 50.0 | 41.5 | 60.8 | 68.3 | 56.0 | 47.8 | 83.5 |
| 19.9 | 20.1 | 26.8 | 30.2 | 25.9 | 27.3 | 44.3 |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 11.1 | 10.2 | 5.6  | 6.1  | 9.6  | 11.4 | 3.8  |
| 0.0  | 0.1  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  |
| 1.6  | 1.6  | 2.8  | 2.7  | 3.1  | 2.6  | 1.8  |
| 8.6  | 11.0 | 10.5 | 13.0 | 11.1 | 12.3 | 8.1  |
| 0.6  | 1.4  | 1.2  | 1.7  | 0.9  | 1.2  | 0.0  |
| 0.1  | 0.2  | 1.1  | 0.4  | 0.0  | 0.6  | 0.0  |
| 2.5  | 6.6  | 4.3  | 5.2  | 3.1  | 4.7  | 7.0  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.1  | 0.3  | 0.0  |
| 1.4  | 1.4  | 2.6  | 2.3  | 2.1  | 1.7  | 2.2  |
| 1.3  | 2.2  | 1.9  | 1.8  | 1.3  | 2.3  | 3.2  |
| 0.1  | 0.1  | 0.2  | 0.4  | 0.1  | 0.4  | 0.0  |
| 0.4  | 1.0  | 1.2  | 1.4  | 0.6  | 1.3  | 1.0  |
| 0.1  | 0.1  | 0.5  | 0.3  | 0.0  | 0.2  | 0.0  |
| 0.3  | 0.5  | 0.3  | 0.3  | 0.4  | 0.3  | 0.4  |

|      |       |      |      |      |       |       |
|------|-------|------|------|------|-------|-------|
| 0.1  | 0.1   | 0.2  | 0.1  | 0.1  | 0.0   | 0.0   |
| 0.3  | 0.1   | 0.7  | 0.6  | 0.4  | 0.5   | 0.5   |
| 4.6  | 4.6   | 6.4  | 6.3  | 7.7  | 5.8   | 4.3   |
| 0.8  | 1.2   | 0.6  | 0.7  | 1.3  | 0.9   | 0.3   |
| 0.0  | 0.2   | 0.2  | 0.4  | 0.1  | 0.4   | 0.0   |
| 0.0  | 0.0   | 0.1  | 0.1  | 0.0  | 0.0   | 0.0   |
| 6.9  | 6.6   | 6.3  | 5.3  | 8.6  | 6.8   | 5.1   |
| 5.7  | 5.9   | 9.1  | 8.1  | 5.9  | 7.6   | 22.4  |
| 20.4 | 23.7  | 10.1 | 14.2 | 11.9 | 23.6  | 22.8  |
| 0.2  | 0.2   | 1.9  | 1.3  | 0.4  | 0.0   | 0.0   |
| 0.0  | 0.0   | 2.4  | 0.7  | 0.0  | 0.0   | 0.0   |
| 0.0  | 0.0   | 0.0  | 1.0  | 0.0  | 0.0   | 0.0   |
| 0.2  | 0.0   | 0.0  | 0.0  | 0.0  | 0.4   | 0.0   |
| 8.5  | 9.6   | 11.2 | 12.4 | 10.2 | 9.5   | 16.0  |
| 0.6  | 0.6   | 0.5  | 0.3  | 0.7  | 0.5   | 0.0   |
| 7.0  | 14.7  | 10.4 | 14.7 | 15.4 | 14.5  | 7.7   |
| 1.6  | 2.0   | 1.7  | 1.6  | 2.8  | 2.2   | 0.1   |
| 0.1  | 0.0   | 0.3  | 0.0  | 0.1  | 0.0   | 0.0   |
| 16.0 | 27.3  | 26.7 | 27.8 | 25.2 | 24.5  | 22.8  |
| 30.6 | 34.6  | 33.3 | 42.5 | 34.8 | 37.4  | 53.7  |
| 0.1  | 0.4   | 0.4  | 0.3  | 0.5  | 0.5   | 0.0   |
| 0.1  | 0.0   | 0.4  | 0.2  | 0.1  | 0.1   | 0.0   |
| 0.0  | 0.3   | 0.3  | 0.1  | 0.9  | 0.3   | 0.0   |
| 1.5  | 3.2   | 5.6  | 6.0  | 3.3  | 5.9   | 2.2   |
| 0.0  | 0.0   | 0.1  | 0.2  | 0.0  | 0.0   | 0.0   |
| 2.5  | 2.3   | 2.3  | 2.6  | 3.2  | 3.8   | 2.1   |
| 0.1  | 0.1   | 0.2  | 0.3  | 0.0  | 0.6   | 0.0   |
| 1.8  | 3.1   | 2.8  | 3.1  | 2.2  | 2.7   | 3.7   |
| 0.0  | 0.2   | 0.3  | 0.4  | 0.2  | 0.5   | 0.0   |
| 2.1  | 2.4   | 3.1  | 3.7  | 2.7  | 2.6   | 1.8   |
| 34.0 | 28.0  | 11.1 | 11.3 | 31.6 | 11.5  | 13.9  |
| 0.2  | 0.2   | 0.6  | 0.4  | 0.2  | 0.6   | 0.1   |
| 0.0  | 0.0   | 0.2  | 0.2  | 0.2  | 0.2   | 0.0   |
| 0.1  | 0.9   | 1.4  | 0.5  | 0.0  | 0.8   | 2.8   |
| 0.0  | 0.0   | 0.0  | 0.1  | 0.0  | 0.0   | 0.0   |
| 2.0  | 3.6   | 1.6  | 2.5  | 3.8  | 2.9   | 2.5   |
| 0.1  | 0.1   | 0.1  | 0.8  | 0.2  | 0.2   | 0.0   |
| 0.0  | 0.0   | 0.1  | 0.1  | 0.0  | 0.3   | 0.0   |
| 3.2  | 2.9   | 3.2  | 3.9  | 3.4  | 4.5   | 11.9  |
| 0.1  | 0.1   | 0.3  | 0.5  | 0.2  | 0.0   | 0.0   |
| 0.7  | 0.7   | 0.7  | 0.6  | 0.5  | 0.9   | 0.0   |
| 55.6 | 55.3  | 73.4 | 84.7 | 72.3 | 65.4  | 79.8  |
| 2.7  | 2.6   | 4.3  | 4.6  | 3.2  | 1.9   | 2.8   |
| 83.8 | 101.8 | 79.8 | 94.6 | 74.3 | 100.1 | 124.8 |
| 10.4 | 12.6  | 15.8 | 15.3 | 14.4 | 14.3  | 16.5  |
| 0.0  | 0.1   | 0.1  | 0.0  | 0.2  | 0.4   | 0.1   |
| 0.4  | 0.7   | 0.8  | 0.7  | 0.2  | 0.4   | 0.7   |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 3.6   | 3.5   | 4.2   | 4.3   | 5.0   | 4.5   | 4.3   |
| 2.4   | 3.2   | 3.5   | 3.4   | 3.4   | 4.1   | 3.4   |
| 1.5   | 1.2   | 1.8   | 1.1   | 1.6   | 1.6   | 1.1   |
| 0.2   | 0.4   | 1.4   | 0.9   | 0.6   | 0.8   | 0.2   |
| 40.9  | 48.9  | 52.0  | 55.2  | 55.5  | 53.1  | 47.2  |
| 4.1   | 4.4   | 5.1   | 6.2   | 6.0   | 5.9   | 3.9   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 1.5   | 3.2   | 3.2   | 3.6   | 1.9   | 2.7   | 2.8   |
| 0.1   | 0.2   | 0.2   | 0.3   | 0.2   | 0.2   | 0.1   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.1   | 0.0   | 0.0   |
| 1.8   | 2.2   | 2.5   | 2.8   | 2.8   | 2.5   | 2.3   |
| 0.1   | 0.1   | 0.3   | 0.2   | 0.1   | 0.2   | 0.0   |
| 1.7   | 1.7   | 2.7   | 3.1   | 2.3   | 2.6   | 2.2   |
| 0.1   | 0.1   | 0.0   | 0.3   | 0.4   | 0.0   | 0.0   |
| 0.2   | 0.5   | 1.3   | 0.5   | 0.8   | 1.1   | 0.4   |
| 7.1   | 9.7   | 15.6  | 12.3  | 10.7  | 9.8   | 8.1   |
| 0.6   | 1.4   | 3.3   | 2.6   | 2.0   | 2.3   | 0.9   |
| 1.4   | 1.3   | 1.1   | 1.0   | 2.2   | 1.0   | 0.1   |
| 9.4   | 15.0  | 16.4  | 15.8  | 15.2  | 13.2  | 7.6   |
| 3.9   | 4.8   | 3.7   | 3.2   | 4.0   | 4.9   | 3.6   |
| 1.3   | 2.1   | 2.2   | 1.5   | 2.4   | 1.6   | 0.0   |
| 0.2   | 0.2   | 0.4   | 0.5   | 0.3   | 0.1   | 0.0   |
| 5.7   | 6.9   | 8.6   | 8.6   | 7.6   | 8.4   | 5.5   |
| 3.2   | 3.8   | 3.4   | 3.7   | 5.4   | 4.5   | 1.8   |
| 6.0   | 8.7   | 6.6   | 7.7   | 5.8   | 7.7   | 11.4  |
| 0.0   | 0.0   | 0.2   | 0.0   | 0.2   | 0.0   | 0.0   |
| 23.6  | 29.9  | 30.7  | 36.5  | 31.6  | 36.2  | 32.2  |
| 5.1   | 4.7   | 4.7   | 5.5   | 5.2   | 5.5   | 7.3   |
| 32.3  | 30.3  | 26.7  | 28.9  | 36.7  | 35.3  | 34.2  |
| 0.0   | 0.2   | 0.4   | 0.3   | 0.1   | 0.2   | 0.3   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.3   | 0.1   | 0.1   | 0.0   |
| 0.0   | 0.1   | 0.5   | 0.2   | 0.1   | 0.2   | 0.1   |
| 0.1   | 0.2   | 0.2   | 0.3   | 0.2   | 0.3   | 0.0   |
| 4.4   | 5.3   | 5.4   | 6.0   | 6.6   | 6.5   | 7.1   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 12.2  | 13.8  | 9.0   | 11.4  | 18.7  | 15.1  | 10.7  |
| 46.3  | 44.0  | 40.5  | 47.1  | 39.1  | 41.8  | 56.3  |
| 0.3   | 0.2   | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   |
| 0.1   | 0.1   | 0.4   | 0.3   | 0.1   | 0.1   | 0.0   |
| 0.2   | 0.3   | 0.6   | 0.3   | 0.3   | 0.9   | 0.0   |
| 0.0   | 0.1   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   |
| 803.3 | 345.6 | 468.5 | 260.9 | 338.9 | 285.7 | 396.5 |
| 622.8 | 184.5 | 596.0 | 296.3 | 384.4 | 359.0 | 399.5 |
| 288.6 | 195.5 | 215.7 | 98.8  | 121.7 | 182.7 | 210.2 |



|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 1.2   | 1.2   | 0.8   | 0.8   | 0.9   | 1.2   | 0.2   |
| 40.0  | 48.2  | 48.9  | 62.5  | 43.3  | 45.6  | 54.0  |
| 0.2   | 0.5   | 0.7   | 1.2   | 0.8   | 0.4   | 1.4   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.2   | 0.3   | 0.1   | 0.0   |
| 70.0  | 90.2  | 71.5  | 79.8  | 71.5  | 85.4  | 104.4 |
| 17.1  | 12.9  | 14.4  | 13.3  | 17.4  | 15.2  | 13.6  |
| 0.1   | 0.1   | 0.4   | 0.2   | 0.3   | 0.4   | 0.5   |
| 3.7   | 3.8   | 3.4   | 3.8   | 3.9   | 3.5   | 1.0   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.1   | 0.1   | 0.0   |
| 0.2   | 0.1   | 0.8   | 0.8   | 0.0   | 0.0   | 0.0   |
| 1.7   | 2.9   | 2.3   | 2.8   | 2.5   | 3.2   | 2.7   |
| 3.0   | 3.3   | 5.1   | 4.7   | 4.5   | 3.6   | 1.7   |
| 0.7   | 1.0   | 1.1   | 0.6   | 1.1   | 0.9   | 1.1   |
| 1.9   | 3.9   | 5.3   | 4.4   | 3.9   | 6.6   | 0.6   |
| 0.0   | 0.1   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 1.1   | 1.9   | 3.5   | 3.2   | 1.4   | 3.2   | 0.1   |
| 552.4 | 653.4 | 660.5 | 677.1 | 479.1 | 595.8 | 612.2 |
| 0.0   | 0.1   | 0.3   | 0.2   | 0.1   | 0.2   | 0.0   |
| 0.2   | 0.3   | 0.6   | 0.7   | 0.2   | 0.4   | 0.0   |
| 28.1  | 12.4  | 25.8  | 32.2  | 10.1  | 8.4   | 5.3   |
| 0.0   | 0.6   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.2   | 0.0   | 0.1   | 0.0   |
| 0.1   | 0.1   | 0.2   | 0.2   | 0.1   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   |
| 5.8   | 6.4   | 2.6   | 2.5   | 4.5   | 4.6   | 1.9   |
| 1.3   | 3.7   | 7.1   | 6.9   | 1.9   | 5.6   | 1.2   |
| 0.1   | 0.1   | 0.8   | 0.6   | 0.3   | 0.4   | 0.0   |
| 9.5   | 13.1  | 9.6   | 10.5  | 15.1  | 12.6  | 10.3  |
| 0.5   | 0.7   | 0.9   | 1.3   | 1.0   | 0.8   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.1   | 0.0   |
| 11.5  | 15.1  | 12.2  | 10.1  | 17.9  | 18.6  | 3.7   |
| 0.7   | 1.0   | 4.4   | 2.9   | 1.9   | 3.5   | 0.3   |
| 0.1   | 0.2   | 0.4   | 0.4   | 0.0   | 0.0   | 0.0   |
| 0.6   | 0.7   | 1.2   | 1.1   | 1.2   | 0.8   | 0.6   |
| 0.0   | 0.1   | 0.2   | 0.1   | 0.3   | 0.0   | 0.0   |
| 0.5   | 0.7   | 0.9   | 0.9   | 0.7   | 0.6   | 0.5   |
| 35.2  | 40.3  | 44.3  | 47.4  | 55.1  | 48.2  | 19.0  |
| 0.1   | 0.1   | 0.0   | 0.1   | 0.1   | 0.1   | 0.0   |
| 0.1   | 0.2   | 0.5   | 0.5   | 0.3   | 0.3   | 0.0   |
| 0.2   | 0.5   | 1.8   | 1.1   | 0.7   | 1.0   | 0.5   |
| 7.9   | 7.8   | 10.8  | 9.6   | 10.2  | 8.8   | 6.6   |
| 0.3   | 0.2   | 0.3   | 0.4   | 0.2   | 0.2   | 0.5   |
| 0.0   | 0.1   | 0.4   | 0.4   | 0.1   | 0.4   | 0.0   |
| 1.7   | 1.8   | 2.0   | 2.5   | 2.4   | 2.8   | 1.5   |

|     |     |      |      |     |      |      |
|-----|-----|------|------|-----|------|------|
| 0.0 | 0.0 | 0.3  | 0.2  | 0.0 | 0.4  | 0.0  |
| 0.4 | 0.3 | 1.5  | 1.1  | 1.0 | 0.7  | 0.0  |
| 0.0 | 0.0 | 0.4  | 0.4  | 0.1 | 0.0  | 0.0  |
| 0.2 | 0.1 | 0.4  | 0.4  | 0.0 | 0.2  | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0  | 0.9 | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.2  | 0.2  | 0.0 | 0.0  | 0.0  |
| 8.3 | 9.0 | 3.8  | 3.6  | 7.5 | 9.2  | 5.4  |
| 0.3 | 0.0 | 0.8  | 0.3  | 0.3 | 0.7  | 0.3  |
| 0.0 | 0.0 | 0.3  | 0.2  | 0.0 | 0.2  | 0.0  |
| 0.0 | 0.0 | 0.1  | 0.1  | 0.0 | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.2  | 0.2  | 0.1 | 0.2  | 0.0  |
| 0.9 | 1.2 | 2.2  | 2.1  | 2.0 | 3.1  | 3.0  |
| 3.7 | 4.0 | 5.4  | 6.0  | 5.0 | 5.3  | 3.3  |
| 2.5 | 3.7 | 4.5  | 4.1  | 3.5 | 3.1  | 1.7  |
| 0.0 | 0.0 | 0.1  | 0.0  | 0.2 | 0.0  | 1.0  |
| 2.1 | 2.4 | 3.3  | 3.2  | 2.4 | 2.1  | 2.3  |
| 0.0 | 0.0 | 0.1  | 0.0  | 0.0 | 0.0  | 0.0  |
| 0.1 | 0.2 | 1.0  | 0.5  | 0.5 | 1.8  | 3.0  |
| 0.0 | 0.1 | 0.0  | 0.1  | 0.0 | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.4  | 0.3  | 0.0 | 0.1  | 0.0  |
| 0.0 | 0.0 | 0.2  | 0.1  | 0.0 | 0.0  | 0.0  |
| 1.4 | 1.4 | 1.4  | 1.4  | 1.0 | 1.0  | 1.8  |
| 0.2 | 0.2 | 0.9  | 0.1  | 0.6 | 1.1  | 0.0  |
| 0.1 | 0.4 | 0.5  | 0.6  | 0.2 | 0.8  | 0.4  |
| 3.2 | 3.7 | 3.1  | 2.6  | 3.7 | 3.3  | 1.1  |
| 5.3 | 7.7 | 4.9  | 6.3  | 6.3 | 7.7  | 4.7  |
| 1.3 | 1.1 | 1.3  | 1.5  | 1.1 | 2.3  | 0.6  |
| 1.5 | 2.3 | 3.8  | 2.9  | 2.2 | 3.5  | 1.6  |
| 2.7 | 5.2 | 12.8 | 11.4 | 4.9 | 11.8 | 1.4  |
| 4.7 | 4.3 | 5.7  | 5.0  | 6.5 | 5.4  | 5.3  |
| 3.0 | 4.3 | 5.1  | 5.1  | 5.7 | 4.5  | 2.9  |
| 0.0 | 0.1 | 0.4  | 0.1  | 0.1 | 0.1  | 0.0  |
| 0.5 | 0.7 | 0.7  | 0.7  | 0.8 | 1.0  | 0.0  |
| 0.0 | 0.1 | 0.1  | 0.2  | 0.0 | 0.1  | 0.0  |
| 8.0 | 7.2 | 7.4  | 8.2  | 8.8 | 10.1 | 10.6 |
| 0.4 | 0.3 | 0.9  | 1.1  | 0.6 | 0.8  | 2.5  |
| 0.0 | 0.0 | 0.0  | 0.0  | 0.0 | 0.0  | 0.0  |
| 0.1 | 0.0 | 1.0  | 1.7  | 0.0 | 2.1  | 0.0  |
| 0.0 | 0.0 | 0.4  | 0.2  | 0.0 | 0.0  | 0.0  |
| 0.9 | 2.6 | 2.4  | 3.4  | 2.8 | 3.2  | 4.0  |
| 1.8 | 2.2 | 2.2  | 4.1  | 3.9 | 1.3  | 5.9  |
| 0.1 | 0.1 | 0.2  | 0.2  | 0.2 | 0.5  | 0.0  |
| 0.9 | 0.6 | 0.9  | 1.0  | 1.2 | 1.1  | 0.3  |
| 1.4 | 1.9 | 1.2  | 1.2  | 2.1 | 1.7  | 0.4  |
| 1.8 | 1.3 | 1.4  | 1.5  | 1.8 | 2.0  | 0.9  |
| 0.3 | 0.3 | 0.5  | 0.4  | 0.5 | 0.6  | 0.0  |
| 0.0 | 0.1 | 0.3  | 0.4  | 0.0 | 0.2  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 4.9  | 5.4  | 6.7  | 7.7  | 7.1  | 7.7  | 6.9  |
| 4.0  | 5.2  | 4.9  | 4.4  | 4.4  | 5.0  | 3.2  |
| 0.3  | 0.5  | 0.8  | 0.4  | 0.6  | 0.4  | 0.0  |
| 0.2  | 0.0  | 0.1  | 0.1  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.5  | 0.5  | 0.8  | 0.7  | 1.2  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.4  | 0.1  | 0.3  | 0.0  |
| 0.1  | 0.1  | 0.4  | 0.3  | 0.0  | 0.3  | 0.0  |
| 1.1  | 2.0  | 2.9  | 2.9  | 1.9  | 3.2  | 1.0  |
| 0.5  | 0.9  | 1.5  | 1.6  | 0.7  | 1.1  | 1.7  |
| 13.4 | 15.3 | 15.6 | 18.3 | 18.6 | 17.0 | 23.6 |
| 12.5 | 21.3 | 18.1 | 15.8 | 16.0 | 16.3 | 14.7 |
| 54.4 | 55.0 | 66.9 | 75.7 | 61.7 | 66.3 | 94.5 |
| 0.1  | 0.0  | 0.5  | 0.2  | 0.1  | 0.3  | 0.0  |
| 0.1  | 0.0  | 0.2  | 0.5  | 0.2  | 0.0  | 0.0  |
| 12.5 | 20.3 | 17.1 | 18.1 | 16.4 | 17.8 | 15.9 |
| 2.0  | 1.9  | 3.9  | 3.3  | 6.4  | 3.8  | 2.3  |
| 3.8  | 4.6  | 5.4  | 6.2  | 3.6  | 5.7  | 5.2  |
| 0.8  | 0.6  | 1.1  | 0.9  | 0.6  | 0.8  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2.1  | 2.2  | 1.7  | 1.8  | 2.4  | 2.7  | 2.4  |
| 0.1  | 0.1  | 0.2  | 0.6  | 0.1  | 0.0  | 0.0  |
| 17.5 | 21.6 | 20.9 | 31.8 | 21.1 | 28.1 | 20.7 |
| 0.5  | 0.3  | 0.9  | 0.8  | 0.3  | 0.4  | 0.0  |
| 12.3 | 17.4 | 16.4 | 17.8 | 18.8 | 18.4 | 9.2  |
| 0.3  | 0.1  | 0.9  | 0.6  | 0.3  | 0.4  | 0.0  |
| 0.4  | 0.4  | 0.7  | 0.9  | 0.6  | 0.5  | 0.2  |
| 0.4  | 0.1  | 1.1  | 0.4  | 0.2  | 0.4  | 0.0  |
| 0.3  | 0.3  | 1.6  | 0.8  | 0.2  | 0.4  | 0.0  |
| 0.4  | 0.3  | 0.6  | 0.5  | 0.3  | 0.7  | 0.2  |
| 5.2  | 6.9  | 6.4  | 6.7  | 7.8  | 7.8  | 2.4  |
| 0.1  | 0.2  | 0.2  | 0.2  | 0.2  | 0.2  | 0.1  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.1  | 0.2  | 0.0  |
| 1.9  | 1.5  | 3.4  | 3.3  | 3.4  | 2.6  | 2.9  |
| 0.4  | 0.5  | 0.9  | 1.9  | 0.5  | 2.3  | 0.4  |
| 0.1  | 0.0  | 0.4  | 0.0  | 0.2  | 0.1  | 0.0  |
| 0.0  | 0.3  | 0.4  | 0.5  | 0.1  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.3  | 0.0  | 0.5  | 0.0  |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.1  | 0.1  | 0.1  |
| 6.1  | 7.6  | 6.3  | 6.9  | 10.7 | 8.3  | 2.9  |
| 2.7  | 6.9  | 7.7  | 9.8  | 5.5  | 9.7  | 0.3  |
| 0.0  | 0.0  | 0.3  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.5  | 1.1  | 1.8  | 1.1  | 1.4  | 2.7  | 0.0  |
| 0.3  | 0.9  | 1.2  | 1.2  | 0.5  | 1.1  | 1.2  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.0  | 0.2  | 0.5  | 0.0  | 0.5  | 0.0  |
| 1.7  | 5.6  | 10.8 | 9.2  | 5.0  | 6.7  | 2.7  |
| 3.6  | 4.0  | 3.4  | 3.9  | 5.0  | 4.7  | 2.7  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.2  | 0.2  | 0.2  | 0.1  | 0.3  | 0.0  |
| 3.1  | 3.6  | 4.1  | 3.1  | 4.2  | 3.0  | 4.3  |
| 11.6 | 11.0 | 14.2 | 16.3 | 17.9 | 14.5 | 16.0 |
| 0.8  | 1.3  | 1.3  | 2.2  | 1.2  | 1.7  | 0.4  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.2  | 2.1  | 1.2  | 2.0  | 2.5  | 2.3  | 0.6  |
| 0.1  | 0.1  | 0.5  | 0.4  | 0.2  | 0.3  | 0.3  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.8  | 0.3  | 0.4  | 0.2  | 1.4  | 0.0  |
| 0.4  | 0.7  | 0.6  | 1.1  | 0.4  | 0.6  | 0.0  |
| 0.0  | 0.2  | 0.5  | 0.2  | 0.2  | 0.0  | 0.0  |
| 6.7  | 6.6  | 8.6  | 9.1  | 7.8  | 7.1  | 8.1  |
| 2.0  | 2.6  | 1.9  | 1.3  | 2.3  | 3.0  | 0.2  |
| 1.2  | 1.8  | 2.0  | 2.0  | 2.4  | 2.7  | 1.6  |
| 0.1  | 0.1  | 0.5  | 0.2  | 0.0  | 0.0  | 0.0  |
| 6.9  | 8.2  | 9.0  | 11.2 | 9.5  | 10.5 | 11.0 |
| 1.3  | 2.2  | 2.2  | 1.8  | 1.5  | 1.2  | 0.0  |
| 2.9  | 4.3  | 2.3  | 2.1  | 4.3  | 5.6  | 1.2  |
| 0.0  | 0.1  | 0.1  | 0.3  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.1  | 1.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.7  | 0.4  | 0.9  | 1.0  | 0.8  | 1.2  | 0.0  |
| 0.7  | 2.8  | 5.5  | 4.3  | 3.0  | 5.0  | 0.4  |
| 0.0  | 0.1  | 0.3  | 0.0  | 0.3  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.4  | 0.2  | 0.1  | 0.7  | 0.0  |
| 0.9  | 2.0  | 2.7  | 1.7  | 0.8  | 3.0  | 0.1  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.4  | 0.5  | 0.0  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.6  | 1.2  | 1.4  | 2.1  | 1.5  | 3.3  | 3.7  |
| 0.1  | 0.1  | 0.2  | 0.5  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.5  | 0.9  | 0.5  | 0.3  | 0.6  | 0.0  |
| 0.1  | 0.3  | 0.7  | 0.4  | 0.2  | 1.2  | 1.0  |
| 0.1  | 0.1  | 0.3  | 0.2  | 0.0  | 0.2  | 0.0  |
| 5.7  | 6.0  | 7.6  | 9.4  | 10.5 | 8.5  | 3.7  |
| 43.9 | 58.3 | 56.4 | 56.3 | 49.4 | 59.5 | 59.7 |
| 2.4  | 4.6  | 6.4  | 4.6  | 4.9  | 5.9  | 4.0  |
| 1.5  | 2.2  | 2.5  | 3.0  | 3.7  | 3.0  | 4.8  |
| 0.4  | 1.5  | 1.0  | 0.7  | 1.6  | 0.5  | 0.6  |
| 7.2  | 9.9  | 8.1  | 9.0  | 10.8 | 9.5  | 20.6 |
| 0.2  | 0.1  | 0.9  | 0.9  | 0.6  | 0.3  | 0.0  |
| 2.1  | 3.6  | 4.6  | 3.7  | 2.8  | 3.5  | 5.6  |
| 1.1  | 0.8  | 1.0  | 0.8  | 1.6  | 1.6  | 1.2  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.0  | 0.5  | 0.0  |
| 0.1  | 0.1  | 0.4  | 0.2  | 0.0  | 0.6  | 0.0  |
| 0.2  | 0.4  | 0.9  | 0.3  | 0.4  | 0.4  | 0.0  |
| 12.0 | 12.8 | 10.2 | 10.1 | 14.8 | 12.8 | 6.5  |
| 0.3  | 0.3  | 0.3  | 0.4  | 0.5  | 0.2  | 0.3  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.1  | 0.3  | 0.5  | 0.1  | 0.2  | 0.0  |
| 0.1  | 0.3  | 0.4  | 0.5  | 0.1  | 0.5  | 0.0  |
| 0.4  | 0.1  | 1.7  | 1.1  | 0.3  | 0.7  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 31.5 | 38.5 | 32.5 | 32.5 | 42.6 | 42.4 | 23.9 |
| 0.0  | 0.2  | 0.2  | 0.3  | 0.0  | 0.1  | 0.0  |
| 1.6  | 3.5  | 2.8  | 2.5  | 3.4  | 4.0  | 0.8  |
| 4.7  | 6.0  | 7.0  | 7.9  | 8.2  | 7.7  | 5.0  |
| 0.2  | 0.7  | 0.9  | 0.7  | 0.3  | 0.8  | 0.0  |
| 0.0  | 0.1  | 0.5  | 0.5  | 0.0  | 0.2  | 0.0  |
| 0.6  | 0.9  | 0.7  | 0.8  | 1.5  | 0.6  | 0.4  |
| 0.5  | 1.3  | 1.8  | 1.4  | 1.1  | 1.0  | 1.3  |
| 0.1  | 0.1  | 0.1  | 0.3  | 0.1  | 0.1  | 0.0  |
| 0.1  | 0.0  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.5  | 0.8  | 0.1  | 0.3  | 0.0  |
| 0.1  | 0.2  | 0.5  | 0.9  | 0.1  | 0.5  | 0.0  |
| 0.1  | 0.2  | 0.2  | 0.2  | 0.5  | 0.1  | 0.1  |
| 0.5  | 1.1  | 0.5  | 0.9  | 1.2  | 0.3  | 0.1  |
| 6.1  | 8.6  | 6.4  | 6.1  | 10.0 | 10.4 | 3.1  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.3  | 0.0  |
| 0.9  | 1.5  | 4.2  | 4.3  | 2.0  | 2.9  | 2.6  |
| 0.0  | 0.2  | 0.6  | 0.5  | 0.3  | 0.3  | 0.0  |
| 0.5  | 0.6  | 0.7  | 0.6  | 0.6  | 0.7  | 0.7  |
| 0.4  | 2.2  | 5.2  | 4.8  | 1.2  | 2.5  | 0.0  |
| 0.2  | 0.5  | 1.5  | 1.2  | 0.5  | 1.7  | 0.0  |
| 0.7  | 1.5  | 3.0  | 3.9  | 2.7  | 3.4  | 0.6  |
| 3.7  | 5.5  | 7.2  | 6.9  | 6.5  | 7.4  | 2.7  |
| 0.1  | 0.1  | 0.6  | 0.1  | 0.1  | 0.5  | 0.0  |
| 0.0  | 0.0  | 0.4  | 0.1  | 0.0  | 0.4  | 0.0  |
| 0.1  | 0.4  | 0.2  | 0.2  | 0.2  | 0.6  | 0.0  |
| 0.8  | 2.0  | 3.9  | 3.6  | 2.7  | 3.1  | 1.6  |
| 0.0  | 0.0  | 0.1  | 0.4  | 0.1  | 0.2  | 0.0  |
| 2.0  | 3.9  | 4.7  | 3.6  | 3.1  | 5.9  | 3.2  |
| 0.6  | 1.4  | 1.0  | 1.2  | 0.8  | 0.9  | 0.4  |
| 21.3 | 31.4 | 26.3 | 29.0 | 28.5 | 30.5 | 15.0 |
| 1.7  | 1.5  | 1.5  | 1.6  | 1.8  | 2.2  | 1.2  |
| 1.1  | 1.1  | 0.0  | 0.6  | 0.2  | 0.3  | 2.6  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.2  | 0.5  | 0.5  | 0.7  | 0.4  | 0.3  |
| 0.2  | 0.3  | 0.4  | 0.7  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.2  | 0.9  | 0.3  | 0.3  | 0.5  | 0.0  |
| 0.1  | 0.1  | 0.8  | 0.3  | 0.0  | 0.2  | 0.0  |
| 0.4  | 0.1  | 1.3  | 0.3  | 0.5  | 0.3  | 0.0  |
| 0.2  | 0.4  | 1.2  | 0.8  | 0.3  | 0.5  | 0.0  |
| 1.0  | 2.7  | 3.7  | 3.6  | 2.1  | 3.9  | 1.9  |
| 0.2  | 0.2  | 1.0  | 1.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.6  | 0.1  | 0.1  | 0.1  | 0.0  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.0   | 0.1   | 0.2   | 0.4   | 0.2   | 1.0   | 0.0   |
| 1.3   | 1.4   | 1.4   | 1.7   | 1.4   | 1.6   | 1.5   |
| 4.9   | 5.8   | 4.2   | 4.5   | 7.2   | 5.0   | 4.4   |
| 2.3   | 1.8   | 0.9   | 1.4   | 1.7   | 2.9   | 0.9   |
| 0.0   | 0.0   | 0.9   | 0.0   | 0.0   | 0.2   | 0.0   |
| 0.2   | 0.3   | 0.6   | 1.2   | 0.4   | 0.8   | 0.0   |
| 115.5 | 199.4 | 161.2 | 178.2 | 184.1 | 194.5 | 144.9 |
| 0.2   | 0.0   | 0.4   | 0.3   | 0.0   | 0.1   | 0.0   |
| 1.7   | 2.1   | 2.3   | 1.8   | 3.3   | 1.1   | 1.2   |
| 1.4   | 1.8   | 2.3   | 2.3   | 2.2   | 1.8   | 2.0   |
| 0.0   | 0.0   | 0.4   | 0.3   | 0.1   | 0.4   | 0.0   |
| 1.6   | 1.9   | 1.7   | 1.8   | 2.1   | 2.0   | 0.9   |
| 0.2   | 0.5   | 1.0   | 0.7   | 0.6   | 0.6   | 0.1   |
| 0.1   | 0.1   | 0.3   | 0.3   | 0.1   | 0.0   | 0.0   |
| 0.1   | 0.1   | 0.2   | 0.3   | 0.1   | 0.2   | 0.0   |
| 0.0   | 0.1   | 0.0   | 0.1   | 0.1   | 0.1   | 0.0   |
| 0.2   | 0.1   | 0.3   | 0.3   | 0.2   | 0.5   | 0.2   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 3.1   | 3.1   | 3.2   | 2.8   | 5.0   | 2.3   | 0.8   |
| 8.7   | 7.7   | 3.9   | 6.2   | 10.6  | 12.9  | 5.2   |
| 0.3   | 0.8   | 1.7   | 1.5   | 0.3   | 0.9   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 4.2   | 4.0   | 4.0   | 4.7   | 4.2   | 5.1   | 2.8   |
| 0.0   | 0.1   | 0.4   | 0.3   | 0.0   | 0.5   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.6   | 0.0   | 0.0   | 0.0   |
| 4.5   | 4.8   | 4.1   | 4.7   | 4.6   | 8.6   | 5.9   |
| 1.5   | 1.1   | 1.8   | 1.4   | 1.8   | 0.9   | 0.1   |
| 0.1   | 0.1   | 1.7   | 0.7   | 0.3   | 0.6   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.3   | 0.1   | 0.2   | 0.4   | 0.3   | 0.4   | 0.0   |
| 1.1   | 2.2   | 2.9   | 2.3   | 1.8   | 3.4   | 7.9   |
| 2.1   | 1.8   | 2.8   | 4.0   | 2.6   | 2.8   | 3.5   |
| 0.0   | 0.1   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.3   | 0.1   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.3   | 0.0   | 0.4   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.2   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.3   | 0.1   | 0.1   | 0.0   |
| 3.3   | 3.4   | 2.3   | 1.8   | 2.1   | 3.7   | 6.5   |
| 0.0   | 0.1   | 0.1   | 0.5   | 0.0   | 0.0   | 0.0   |
| 15.1  | 14.4  | 10.5  | 15.8  | 22.2  | 17.6  | 14.7  |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.2   | 0.1   | 0.0   |
| 0.6   | 0.7   | 2.3   | 1.1   | 1.0   | 1.5   | 0.8   |
| 0.1   | 0.1   | 0.3   | 0.1   | 0.3   | 0.5   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.6   | 0.0   |
| 0.7   | 1.0   | 0.3   | 1.5   | 0.7   | 0.9   | 2.4   |
| 0.5   | 0.6   | 2.8   | 1.6   | 0.5   | 1.1   | 0.1   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.5  | 0.1  | 0.6  | 0.5  | 0.4  | 0.4  | 0.5  |
| 0.0  | 0.2  | 0.4  | 0.3  | 0.0  | 0.0  | 0.0  |
| 5.0  | 6.5  | 6.7  | 7.6  | 8.2  | 7.9  | 7.1  |
| 1.1  | 3.2  | 6.1  | 5.9  | 2.9  | 4.5  | 0.8  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.2  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  |
| 3.0  | 3.7  | 3.1  | 3.0  | 3.8  | 3.5  | 1.8  |
| 3.1  | 3.5  | 2.4  | 2.2  | 3.2  | 3.1  | 1.7  |
| 4.4  | 5.2  | 8.9  | 9.5  | 9.5  | 5.8  | 4.6  |
| 0.9  | 1.1  | 1.8  | 1.5  | 1.1  | 1.3  | 0.7  |
| 4.1  | 3.5  | 6.3  | 6.3  | 4.8  | 4.6  | 13.2 |
| 0.2  | 0.1  | 0.7  | 0.3  | 0.5  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.3  | 0.7  | 0.1  | 0.6  | 0.0  |
| 0.4  | 0.3  | 0.5  | 0.3  | 0.4  | 1.2  | 0.0  |
| 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 4.3  | 6.1  | 5.2  | 5.7  | 4.9  | 5.1  | 4.1  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.4  | 0.0  |
| 0.0  | 0.2  | 0.2  | 0.1  | 0.1  | 0.2  | 0.0  |
| 0.3  | 0.6  | 2.1  | 1.5  | 0.6  | 1.7  | 0.0  |
| 0.3  | 0.2  | 0.3  | 0.1  | 0.1  | 0.4  | 0.6  |
| 0.3  | 0.1  | 0.3  | 1.1  | 0.2  | 0.3  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.1  | 0.0  |
| 13.3 | 15.6 | 15.2 | 17.6 | 13.8 | 17.7 | 19.2 |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.1  | 0.3  | 0.1  | 0.3  | 0.2  | 0.2  | 0.6  |
| 3.4  | 4.8  | 8.4  | 8.2  | 4.7  | 7.3  | 5.1  |
| 0.6  | 1.0  | 1.5  | 1.3  | 1.0  | 1.6  | 0.4  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.0  | 0.2  | 0.0  |
| 1.6  | 2.1  | 1.6  | 1.6  | 0.9  | 1.6  | 0.5  |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.1  | 0.3  | 0.0  |
| 0.7  | 0.5  | 0.4  | 0.7  | 0.7  | 1.2  | 0.1  |
| 0.9  | 0.9  | 1.7  | 1.7  | 0.9  | 1.5  | 1.3  |
| 7.6  | 6.6  | 9.2  | 11.2 | 10.6 | 8.2  | 17.8 |
| 4.4  | 4.8  | 5.4  | 4.8  | 4.3  | 5.9  | 8.3  |
| 0.8  | 1.0  | 0.6  | 1.0  | 1.2  | 1.4  | 0.9  |
| 0.1  | 0.1  | 0.8  | 0.4  | 0.4  | 0.2  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.3  | 0.0  |
| 0.6  | 2.4  | 2.8  | 3.3  | 2.9  | 1.9  | 0.0  |
| 0.0  | 0.1  | 0.5  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.4  | 0.4  | 0.4  | 0.3  | 0.5  | 0.3  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.2  |
| 0.1  | 0.1  | 0.1  | 0.2  | 0.2  | 0.2  | 0.0  |
| 1.3  | 2.1  | 4.8  | 6.0  | 2.9  | 4.1  | 1.5  |
| 3.6  | 5.7  | 3.6  | 3.5  | 5.6  | 6.7  | 3.1  |
| 0.1  | 0.1  | 0.2  | 0.0  | 0.0  | 0.3  | 0.0  |
| 0.1  | 0.6  | 0.5  | 0.7  | 0.5  | 0.1  | 0.1  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.3  | 0.7  | 0.9  | 0.5  | 0.0  | 0.0  | 0.0  |
| 0.4  | 0.4  | 0.5  | 0.7  | 0.4  | 0.5  | 0.0  |
| 7.1  | 7.0  | 12.1 | 14.0 | 10.6 | 8.9  | 8.6  |
| 0.1  | 0.2  | 0.4  | 0.3  | 0.4  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.2  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.7  | 3.9  | 5.2  | 5.5  | 2.9  | 4.9  | 0.7  |
| 0.3  | 0.3  | 0.5  | 0.4  | 0.3  | 0.5  | 0.0  |
| 0.0  | 0.1  | 0.7  | 0.1  | 0.3  | 0.2  | 0.0  |
| 34.3 | 23.8 | 32.9 | 31.8 | 36.4 | 33.0 | 53.9 |
| 3.6  | 5.8  | 2.9  | 3.8  | 5.5  | 5.7  | 3.2  |
| 35.7 | 33.0 | 17.5 | 17.8 | 28.7 | 39.6 | 33.3 |
| 0.5  | 0.6  | 2.2  | 1.8  | 1.0  | 1.2  | 0.9  |
| 0.1  | 0.2  | 0.1  | 0.2  | 0.2  | 0.0  | 0.0  |
| 12.2 | 8.4  | 4.7  | 5.5  | 5.9  | 13.0 | 6.4  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 1.2  | 3.8  | 5.7  | 5.2  | 1.6  | 5.2  | 4.2  |
| 0.1  | 0.0  | 0.6  | 0.3  | 0.0  | 0.6  | 0.0  |
| 0.0  | 0.1  | 0.5  | 0.1  | 0.0  | 0.5  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 5.7  | 6.9  | 7.8  | 8.6  | 7.5  | 7.6  | 7.9  |
| 0.4  | 0.6  | 0.3  | 0.4  | 1.2  | 0.6  | 0.0  |
| 0.3  | 0.3  | 0.4  | 0.3  | 0.4  | 0.5  | 0.1  |
| 52.3 | 51.2 | 49.4 | 56.5 | 48.5 | 39.3 | 49.7 |
| 0.2  | 0.7  | 1.1  | 0.9  | 0.3  | 1.7  | 0.2  |
| 0.5  | 0.8  | 1.2  | 1.2  | 1.0  | 2.0  | 0.2  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 1.7  | 2.1  | 1.7  | 2.1  | 3.4  | 2.4  | 1.9  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 1.4  | 1.5  | 3.4  | 2.4  | 2.3  | 3.2  | 0.8  |
| 1.4  | 1.5  | 1.8  | 1.9  | 2.0  | 0.9  | 0.5  |
| 9.3  | 10.9 | 12.5 | 20.4 | 9.6  | 11.4 | 15.4 |
| 1.4  | 2.1  | 1.5  | 1.7  | 2.0  | 1.5  | 2.0  |
| 1.9  | 1.9  | 1.0  | 1.1  | 2.3  | 2.3  | 1.8  |
| 0.5  | 0.6  | 0.9  | 1.1  | 1.1  | 0.8  | 0.7  |
| 8.1  | 9.2  | 10.3 | 9.4  | 14.9 | 11.4 | 7.6  |
| 0.8  | 1.6  | 2.6  | 2.1  | 1.8  | 1.1  | 0.8  |
| 0.3  | 0.5  | 0.8  | 0.7  | 0.5  | 0.8  | 0.3  |
| 3.3  | 1.8  | 4.9  | 3.4  | 2.6  | 4.6  | 4.8  |
| 0.1  | 0.1  | 0.4  | 0.6  | 0.2  | 0.3  | 0.0  |
| 2.9  | 3.0  | 2.4  | 3.2  | 4.1  | 3.2  | 0.8  |
| 2.5  | 4.1  | 4.3  | 3.7  | 3.5  | 3.4  | 3.6  |
| 0.4  | 0.4  | 0.7  | 0.8  | 0.6  | 0.7  | 1.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.5  | 0.2  | 0.3  | 0.3  | 0.0  |
| 1.0  | 1.4  | 1.4  | 1.3  | 1.7  | 1.2  | 0.2  |
| 0.0  | 0.5  | 0.0  | 0.3  | 0.0  | 0.2  | 0.0  |



|      |      |      |      |      |       |       |
|------|------|------|------|------|-------|-------|
| 8.9  | 13.2 | 8.1  | 7.6  | 14.4 | 13.1  | 15.1  |
| 91.4 | 65.7 | 75.1 | 81.4 | 85.4 | 78.3  | 139.4 |
| 2.5  | 2.6  | 2.3  | 2.3  | 3.4  | 3.6   | 0.9   |
| 1.2  | 1.4  | 2.6  | 2.3  | 1.4  | 2.1   | 1.0   |
| 0.5  | 0.2  | 2.2  | 1.6  | 0.7  | 1.4   | 0.1   |
| 0.8  | 1.0  | 0.9  | 1.6  | 1.4  | 2.2   | 0.0   |
| 0.4  | 0.7  | 0.6  | 0.4  | 0.8  | 0.7   | 0.4   |
| 0.2  | 0.2  | 0.3  | 0.2  | 0.3  | 0.3   | 0.1   |
| 37.2 | 53.3 | 54.8 | 60.4 | 58.4 | 41.2  | 22.4  |
| 0.9  | 2.3  | 4.4  | 3.9  | 2.0  | 4.4   | 0.9   |
| 5.3  | 6.1  | 6.1  | 5.7  | 7.0  | 6.4   | 4.4   |
| 0.3  | 1.2  | 2.1  | 1.5  | 0.5  | 1.8   | 0.1   |
| 4.2  | 5.4  | 6.2  | 5.3  | 6.0  | 7.0   | 5.7   |
| 3.4  | 3.8  | 4.3  | 5.1  | 4.7  | 4.2   | 3.2   |
| 1.7  | 1.6  | 1.7  | 1.6  | 2.5  | 1.8   | 1.2   |
| 7.0  | 6.7  | 5.4  | 5.1  | 5.5  | 8.2   | 9.7   |
| 0.7  | 3.6  | 5.0  | 5.0  | 3.4  | 3.7   | 0.8   |
| 1.9  | 2.3  | 2.4  | 2.9  | 2.2  | 2.0   | 2.1   |
| 39.9 | 31.3 | 32.5 | 30.4 | 43.1 | 37.0  | 26.7  |
| 2.4  | 3.9  | 3.4  | 3.6  | 3.1  | 3.9   | 3.2   |
| 82.8 | 71.5 | 64.2 | 78.8 | 96.7 | 100.3 | 68.6  |
| 1.2  | 1.2  | 1.5  | 1.6  | 2.6  | 2.2   | 1.9   |
| 0.0  | 0.0  | 0.6  | 0.4  | 0.0  | 1.3   | 0.0   |
| 1.0  | 1.9  | 1.6  | 1.7  | 1.6  | 1.9   | 0.1   |
| 4.5  | 6.9  | 7.1  | 7.5  | 5.6  | 7.6   | 10.5  |
| 0.1  | 0.1  | 0.0  | 0.0  | 0.3  | 0.0   | 0.0   |
| 9.4  | 9.4  | 9.8  | 15.0 | 10.4 | 11.0  | 19.4  |
| 0.6  | 1.5  | 3.9  | 3.6  | 0.9  | 3.4   | 0.3   |
| 0.3  | 0.3  | 0.5  | 0.6  | 0.5  | 0.5   | 0.3   |
| 1.4  | 2.4  | 3.7  | 3.5  | 2.4  | 2.7   | 3.1   |
| 0.6  | 0.6  | 1.8  | 1.5  | 0.9  | 1.2   | 0.0   |
| 1.8  | 1.6  | 2.9  | 3.5  | 2.8  | 1.8   | 1.9   |
| 1.0  | 1.1  | 1.9  | 1.4  | 0.6  | 1.3   | 1.0   |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0   | 0.0   |
| 3.7  | 3.7  | 4.3  | 5.1  | 5.3  | 3.3   | 5.1   |
| 3.4  | 4.4  | 4.2  | 3.4  | 4.4  | 3.6   | 1.3   |
| 1.5  | 2.9  | 1.3  | 1.5  | 2.1  | 1.6   | 1.1   |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0   | 0.0   |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.3   | 0.0   |
| 0.3  | 0.3  | 1.2  | 0.7  | 0.4  | 0.9   | 0.0   |
| 0.7  | 0.6  | 0.6  | 0.8  | 1.1  | 1.4   | 0.0   |
| 1.1  | 1.8  | 1.3  | 1.4  | 2.0  | 1.9   | 0.8   |
| 0.2  | 0.3  | 0.4  | 0.9  | 0.5  | 0.0   | 0.0   |
| 0.1  | 0.0  | 0.0  | 0.3  | 0.0  | 0.0   | 0.0   |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.1  | 0.5   | 0.0   |
| 1.0  | 2.2  | 3.2  | 3.1  | 1.6  | 1.9   | 0.0   |
| 0.6  | 1.0  | 0.8  | 0.9  | 0.7  | 1.3   | 1.4   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 5.8  | 7.1  | 5.8  | 6.7  | 4.7  | 7.4  | 8.1  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.2  | 0.2  | 0.5  | 0.6  | 0.1  | 0.3  | 0.0  |
| 4.4  | 5.8  | 6.4  | 6.2  | 5.1  | 6.6  | 8.3  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.4  | 1.0  | 1.4  | 0.2  | 1.3  | 0.0  |
| 0.7  | 2.2  | 4.3  | 3.6  | 1.2  | 3.8  | 3.6  |
| 1.2  | 1.3  | 1.3  | 1.7  | 1.8  | 1.3  | 0.3  |
| 1.6  | 2.3  | 1.8  | 1.4  | 2.0  | 1.9  | 0.9  |
| 0.1  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.1  |
| 1.2  | 0.9  | 0.9  | 1.0  | 1.5  | 1.3  | 1.1  |
| 2.8  | 4.2  | 4.2  | 3.9  | 4.3  | 2.8  | 3.8  |
| 1.9  | 2.8  | 3.0  | 3.0  | 4.0  | 3.3  | 2.7  |
| 0.0  | 0.1  | 0.4  | 0.2  | 0.4  | 0.1  | 0.0  |
| 1.7  | 1.2  | 1.7  | 1.9  | 2.2  | 2.8  | 0.4  |
| 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2.0  | 3.5  | 3.8  | 4.1  | 3.6  | 4.3  | 4.6  |
| 0.1  | 0.2  | 0.9  | 0.6  | 0.3  | 0.2  | 0.0  |
| 0.0  | 0.3  | 0.8  | 0.5  | 0.2  | 0.4  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.4  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.3  | 0.1  | 0.0  | 0.0  |
| 0.5  | 0.7  | 1.7  | 1.6  | 0.7  | 1.3  | 0.2  |
| 3.7  | 4.3  | 5.2  | 4.5  | 5.1  | 4.1  | 5.7  |
| 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 5.9  | 3.2  | 3.6  | 2.2  | 4.6  | 4.2  | 8.4  |
| 0.0  | 0.0  | 0.3  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.5  | 0.6  | 0.2  | 0.5  | 0.0  |
| 0.3  | 0.7  | 0.8  | 0.7  | 0.7  | 0.6  | 0.0  |
| 2.3  | 5.2  | 16.8 | 8.0  | 3.9  | 6.7  | 0.9  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.3  | 0.3  | 0.0  |
| 0.0  | 0.2  | 0.4  | 0.3  | 0.2  | 0.3  | 0.0  |
| 2.2  | 3.2  | 4.3  | 4.9  | 2.9  | 4.5  | 4.1  |
| 1.1  | 1.3  | 1.7  | 1.4  | 0.9  | 1.8  | 1.3  |
| 0.6  | 0.9  | 1.0  | 1.1  | 1.4  | 1.1  | 1.1  |
| 34.3 | 56.8 | 31.8 | 31.4 | 44.1 | 48.5 | 49.8 |
| 0.1  | 0.1  | 0.3  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.2  | 0.4  | 1.1  | 0.4  | 0.6  | 0.6  | 0.1  |
| 0.4  | 0.1  | 0.7  | 1.0  | 0.4  | 0.9  | 0.1  |
| 0.1  | 0.2  | 0.4  | 0.4  | 0.2  | 0.6  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  |
| 0.2  | 0.1  | 0.2  | 0.2  | 0.1  | 0.3  | 0.5  |
| 0.1  | 0.4  | 0.3  | 0.5  | 0.4  | 0.6  | 0.0  |
| 0.5  | 0.6  | 1.3  | 1.1  | 0.9  | 1.2  | 0.8  |
| 3.2  | 3.8  | 3.9  | 3.7  | 5.1  | 4.4  | 2.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 5.2  | 10.1 | 8.8  | 10.5 | 8.2  | 11.7 | 4.7  |
| 2.6  | 2.4  | 2.1  | 2.8  | 1.8  | 1.4  | 1.0  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 2.5  | 2.4  | 2.1  | 2.4  | 3.2  | 3.0  | 1.6  |
| 0.0  | 0.0  | 0.4  | 0.3  | 0.0  | 0.0  | 0.0  |
| 2.8  | 5.1  | 6.8  | 7.6  | 4.1  | 5.3  | 6.4  |
| 2.7  | 2.8  | 2.7  | 2.7  | 2.9  | 4.3  | 5.2  |
| 4.3  | 5.5  | 5.4  | 6.1  | 6.0  | 4.9  | 5.6  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 4.4  | 5.0  | 7.8  | 6.4  | 6.8  | 5.7  | 5.1  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  | 0.1  |
| 2.7  | 3.1  | 2.9  | 3.6  | 5.0  | 4.2  | 2.0  |
| 1.1  | 2.0  | 3.0  | 7.6  | 1.6  | 3.5  | 1.4  |
| 0.0  | 0.1  | 0.0  | 0.4  | 0.0  | 0.0  | 0.0  |
| 3.3  | 7.9  | 16.3 | 13.5 | 6.7  | 11.4 | 1.4  |
| 0.1  | 0.1  | 0.3  | 0.0  | 0.0  | 0.4  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.1  | 0.8  | 0.2  | 0.0  | 0.5  | 0.0  |
| 0.1  | 0.2  | 0.3  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.2  | 0.2  | 1.0  | 0.7  | 0.2  | 0.0  | 2.1  |
| 0.9  | 1.1  | 1.9  | 2.1  | 1.8  | 2.4  | 2.3  |
| 1.8  | 1.7  | 4.1  | 4.5  | 2.2  | 6.1  | 2.6  |
| 1.9  | 2.2  | 9.3  | 5.8  | 3.6  | 4.5  | 0.0  |
| 1.2  | 1.4  | 3.0  | 3.4  | 2.1  | 2.5  | 1.4  |
| 0.1  | 0.1  | 0.2  | 0.1  | 0.0  | 0.3  | 0.0  |
| 1.5  | 1.2  | 2.4  | 3.2  | 1.5  | 1.2  | 2.1  |
| 0.3  | 1.0  | 0.7  | 1.0  | 0.4  | 0.8  | 0.1  |
| 6.2  | 7.1  | 5.4  | 7.5  | 8.8  | 7.8  | 1.8  |
| 0.1  | 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  |
| 1.3  | 2.2  | 5.1  | 3.7  | 2.7  | 3.4  | 0.9  |
| 0.5  | 1.2  | 3.2  | 3.2  | 0.9  | 1.4  | 0.7  |
| 2.4  | 2.2  | 2.4  | 2.5  | 2.9  | 4.0  | 1.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.2  | 0.0  |
| 5.8  | 8.3  | 11.0 | 12.8 | 8.7  | 9.2  | 9.1  |
| 6.2  | 8.0  | 7.5  | 8.8  | 8.4  | 8.5  | 5.3  |
| 1.4  | 2.4  | 2.0  | 2.0  | 3.0  | 1.9  | 2.3  |
| 16.8 | 29.5 | 23.8 | 28.3 | 25.5 | 30.2 | 29.0 |
| 0.1  | 0.1  | 0.7  | 1.0  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.5  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.4  | 0.2  | 0.1  | 0.4  | 0.2  |
| 2.6  | 4.6  | 4.2  | 4.6  | 4.2  | 5.5  | 3.1  |
| 0.1  | 0.1  | 0.3  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.7  | 0.5  | 0.3  | 0.3  | 1.0  | 0.5  | 0.0  |
| 3.9  | 6.2  | 5.9  | 6.5  | 5.7  | 8.8  | 4.5  |
| 3.9  | 5.4  | 6.0  | 5.5  | 6.5  | 6.5  | 3.5  |
| 2.1  | 1.5  | 2.1  | 3.3  | 2.3  | 2.2  | 2.4  |
| 3.9  | 5.4  | 7.0  | 6.5  | 5.6  | 5.7  | 5.6  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 2.9  | 2.9  | 4.0  | 4.1  | 5.5  | 3.0  | 1.2  |
| 0.6  | 0.6  | 0.6  | 0.5  | 0.9  | 0.8  | 0.5  |
| 3.4  | 4.1  | 3.7  | 3.5  | 3.4  | 5.8  | 7.8  |
| 4.0  | 4.1  | 2.3  | 2.0  | 6.2  | 3.3  | 0.4  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.1  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.0  | 0.1  | 0.0  |
| 4.0  | 5.0  | 6.2  | 7.3  | 5.5  | 4.5  | 10.6 |
| 8.5  | 10.5 | 13.1 | 18.2 | 9.8  | 15.6 | 10.4 |
| 2.4  | 3.2  | 3.2  | 2.8  | 3.5  | 5.3  | 0.8  |
| 0.2  | 0.2  | 0.4  | 0.3  | 0.2  | 0.3  | 0.0  |
| 0.7  | 0.9  | 1.3  | 0.9  | 1.3  | 0.7  | 0.0  |
| 0.4  | 0.5  | 0.6  | 0.7  | 0.5  | 0.4  | 0.7  |
| 0.1  | 0.0  | 0.3  | 0.2  | 0.4  | 0.5  | 0.0  |
| 0.2  | 0.7  | 1.1  | 0.6  | 0.6  | 0.3  | 1.6  |
| 0.5  | 1.5  | 2.5  | 2.5  | 0.8  | 3.5  | 0.0  |
| 0.9  | 1.2  | 3.6  | 4.6  | 1.5  | 1.8  | 0.5  |
| 0.0  | 0.0  | 0.3  | 0.7  | 0.0  | 0.4  | 0.0  |
| 1.0  | 1.1  | 1.1  | 1.8  | 1.7  | 2.6  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 2.5  | 3.0  | 2.7  | 3.0  | 2.4  | 2.3  | 2.8  |
| 0.1  | 0.1  | 0.4  | 0.3  | 0.1  | 0.3  | 0.1  |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.4  | 0.1  | 0.2  | 1.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.2  | 0.0  |
| 11.2 | 13.0 | 12.1 | 10.4 | 10.9 | 16.4 | 17.0 |
| 0.4  | 2.8  | 3.4  | 4.9  | 0.5  | 2.7  | 0.0  |
| 0.3  | 1.6  | 2.2  | 1.5  | 1.0  | 2.3  | 0.5  |
| 0.9  | 1.4  | 1.8  | 2.5  | 1.4  | 3.2  | 0.5  |
| 6.1  | 11.4 | 16.5 | 17.1 | 15.2 | 22.8 | 2.2  |
| 11.4 | 17.6 | 9.9  | 13.0 | 18.1 | 13.2 | 14.4 |
| 0.4  | 0.4  | 0.6  | 1.3  | 0.7  | 1.0  | 0.0  |
| 48.2 | 66.2 | 67.5 | 66.8 | 67.7 | 64.7 | 72.9 |
| 2.1  | 2.2  | 2.3  | 1.7  | 2.0  | 2.5  | 0.8  |
| 1.3  | 1.6  | 1.1  | 1.3  | 1.7  | 1.3  | 0.2  |
| 4.5  | 10.2 | 15.5 | 12.3 | 9.6  | 10.3 | 10.7 |
| 1.9  | 2.4  | 1.5  | 2.0  | 1.8  | 1.3  | 2.2  |
| 0.0  | 0.2  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 2.4  | 3.8  | 3.6  | 3.8  | 3.1  | 2.7  | 3.7  |
| 2.7  | 4.0  | 5.1  | 5.4  | 4.4  | 4.5  | 4.1  |
| 1.8  | 2.5  | 2.2  | 1.9  | 2.5  | 2.4  | 0.7  |
| 0.6  | 1.6  | 1.7  | 1.7  | 1.2  | 1.5  | 1.3  |
| 3.6  | 3.0  | 2.7  | 2.4  | 4.6  | 4.5  | 1.1  |
| 24.0 | 34.2 | 26.9 | 28.0 | 34.4 | 28.3 | 27.0 |
| 1.7  | 1.7  | 1.6  | 2.5  | 2.4  | 2.2  | 2.6  |
| 3.4  | 4.7  | 3.2  | 3.7  | 2.8  | 2.8  | 1.1  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.0  | 0.0  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.5  | 0.7  | 0.9  | 0.4  | 2.1  | 0.3  | 1.8  |
| 2.6  | 3.4  | 3.8  | 3.4  | 3.9  | 2.6  | 5.3  |
| 0.9  | 2.1  | 4.0  | 3.7  | 1.7  | 3.5  | 0.4  |
| 0.0  | 0.1  | 0.1  | 0.3  | 0.0  | 0.1  | 0.0  |
| 0.4  | 0.5  | 0.9  | 0.5  | 0.9  | 2.2  | 2.0  |
| 0.1  | 0.1  | 0.3  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.5  | 0.4  | 0.5  | 0.5  | 0.9  | 0.9  | 0.4  |
| 0.0  | 0.0  | 0.2  | 0.3  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.2  | 0.2  | 0.6  | 0.2  | 0.2  | 0.0  |
| 0.2  | 0.5  | 1.2  | 0.8  | 0.1  | 0.5  | 0.0  |
| 8.9  | 9.4  | 6.6  | 8.6  | 14.0 | 11.0 | 3.3  |
| 0.1  | 0.1  | 0.3  | 0.3  | 0.2  | 0.3  | 0.6  |
| 0.1  | 0.1  | 0.7  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.4  | 0.1  | 0.3  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.2  | 1.0  | 1.1  | 0.5  | 0.8  | 0.2  |
| 7.1  | 7.2  | 10.1 | 13.4 | 10.7 | 12.9 | 12.6 |
| 1.5  | 1.4  | 0.9  | 1.1  | 2.3  | 1.4  | 1.0  |
| 0.4  | 0.4  | 0.7  | 0.4  | 0.3  | 0.3  | 0.0  |
| 4.0  | 7.0  | 4.8  | 4.7  | 7.2  | 8.1  | 5.6  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.9  | 1.7  | 4.7  | 3.0  | 1.6  | 5.7  | 0.3  |
| 10.8 | 13.5 | 12.6 | 14.4 | 13.6 | 14.6 | 9.1  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.9  | 0.4  | 0.9  | 0.8  | 0.4  | 0.9  | 1.7  |
| 0.1  | 0.0  | 0.5  | 0.2  | 0.2  | 0.4  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.2  | 0.1  | 0.1  | 0.3  |
| 0.0  | 0.0  | 0.6  | 0.7  | 0.0  | 0.0  | 0.0  |
| 4.5  | 7.1  | 5.6  | 6.5  | 7.2  | 7.9  | 3.7  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 9.5  | 12.4 | 13.7 | 18.2 | 12.6 | 13.9 | 16.7 |
| 0.2  | 0.4  | 1.4  | 1.4  | 0.1  | 1.2  | 0.0  |
| 0.3  | 0.3  | 0.4  | 0.4  | 0.0  | 0.1  | 1.1  |
| 0.3  | 0.6  | 1.4  | 2.2  | 0.8  | 0.9  | 0.6  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.4  | 0.0  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.4  | 0.2  | 0.1  | 0.2  | 0.0  |
| 0.1  | 0.3  | 1.3  | 1.8  | 0.2  | 0.5  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.1  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.0  | 0.0  | 0.2  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 7.3  | 9.8  | 16.4 | 18.4 | 12.4 | 15.7 | 7.5  |
| 1.0  | 0.6  | 1.6  | 1.5  | 1.9  | 1.3  | 0.5  |
| 0.0  | 0.0  | 0.3  | 0.3  | 0.3  | 0.0  | 0.0  |
| 2.8  | 3.1  | 2.0  | 2.3  | 3.4  | 1.7  | 0.9  |
| 0.4  | 0.6  | 0.6  | 0.8  | 0.3  | 0.4  | 0.4  |
| 0.0  | 0.3  | 0.4  | 0.4  | 0.2  | 0.1  | 0.0  |
| 0.7  | 0.6  | 0.9  | 0.7  | 0.9  | 0.4  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.5  | 0.5  | 0.6  | 0.8  | 0.9  | 0.3  | 1.1  |
| 16.7 | 19.1 | 15.6 | 17.4 | 19.7 | 23.6 | 30.7 |
| 0.5  | 1.4  | 3.0  | 3.2  | 1.3  | 2.5  | 0.4  |
| 0.3  | 0.3  | 0.3  | 0.9  | 0.7  | 0.0  | 0.0  |
| 4.4  | 5.2  | 7.8  | 6.1  | 6.7  | 8.4  | 4.2  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.1  | 0.0  |
| 4.3  | 4.7  | 2.7  | 2.9  | 4.2  | 8.1  | 6.9  |
| 0.0  | 0.0  | 0.4  | 0.3  | 0.2  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.3  | 0.0  |
| 2.5  | 2.5  | 3.7  | 2.7  | 3.4  | 3.1  | 0.6  |
| 7.6  | 8.5  | 10.4 | 10.7 | 6.6  | 10.2 | 6.5  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  |
| 0.1  | 0.3  | 0.7  | 0.7  | 0.3  | 0.8  | 0.0  |
| 3.1  | 6.3  | 8.1  | 9.5  | 5.1  | 12.6 | 3.5  |
| 21.4 | 29.2 | 30.8 | 28.5 | 33.6 | 37.8 | 22.1 |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.4  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.2  | 0.0  |
| 0.4  | 0.1  | 0.6  | 0.4  | 0.4  | 0.0  | 0.0  |
| 0.4  | 0.5  | 0.6  | 0.5  | 0.6  | 0.5  | 0.0  |
| 1.2  | 2.1  | 3.7  | 3.8  | 2.0  | 2.8  | 1.8  |
| 2.0  | 4.5  | 5.0  | 5.6  | 2.6  | 5.5  | 4.0  |
| 0.0  | 0.0  | 0.3  | 0.2  | 0.7  | 0.0  | 0.0  |
| 2.0  | 2.2  | 2.0  | 3.6  | 2.2  | 2.3  | 1.9  |
| 0.1  | 0.2  | 0.4  | 0.3  | 0.1  | 0.5  | 0.2  |
| 0.0  | 0.4  | 0.3  | 0.1  | 0.3  | 0.3  | 0.1  |
| 11.6 | 12.6 | 10.9 | 12.9 | 19.7 | 18.5 | 5.0  |
| 1.3  | 1.6  | 2.1  | 2.6  | 0.9  | 2.3  | 1.6  |
| 4.3  | 4.9  | 5.1  | 4.3  | 5.9  | 7.0  | 3.5  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.5  | 0.3  | 0.0  | 0.2  | 0.0  |
| 1.2  | 2.2  | 3.7  | 3.0  | 1.7  | 3.6  | 1.6  |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.0  | 0.4  | 0.0  |
| 0.1  | 0.2  | 0.1  | 0.2  | 0.1  | 0.4  | 0.0  |
| 1.1  | 1.3  | 2.0  | 2.1  | 1.6  | 2.1  | 1.4  |
| 0.4  | 0.5  | 0.5  | 0.8  | 0.4  | 0.5  | 0.9  |
| 2.7  | 2.7  | 2.2  | 3.2  | 1.9  | 3.0  | 2.9  |
| 1.1  | 1.1  | 1.5  | 1.3  | 2.0  | 0.8  | 0.7  |
| 3.6  | 3.8  | 2.6  | 2.8  | 4.5  | 4.1  | 2.3  |
| 4.2  | 6.7  | 8.1  | 7.2  | 7.5  | 7.6  | 4.6  |

|          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|
| 0.2      | 0.3      | 0.3      | 0.3      | 0.5      | 0.7      | 0.0      |
| 0.1      | 0.0      | 0.4      | 0.1      | 0.0      | 0.2      | 0.0      |
| 3.3      | 4.9      | 2.8      | 4.1      | 5.0      | 1.5      | 5.2      |
| 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| 1.7      | 1.3      | 2.0      | 2.7      | 1.5      | 1.0      | 1.4      |
| 0.7      | 1.0      | 1.5      | 1.5      | 1.2      | 1.6      | 0.5      |
| 0.4      | 0.6      | 1.4      | 1.0      | 0.4      | 0.8      | 0.4      |
| 10.1     | 10.9     | 10.4     | 9.8      | 12.7     | 13.6     | 11.1     |
| 0.1      | 0.1      | 0.5      | 0.1      | 0.1      | 0.1      | 0.0      |
| 0.0      | 0.1      | 0.2      | 0.1      | 0.3      | 0.0      | 0.0      |
| 0.1      | 0.1      | 0.8      | 0.2      | 0.2      | 0.6      | 0.0      |
| 6.6      | 6.6      | 8.7      | 7.5      | 7.6      | 6.0      | 13.8     |
| 7.9      | 10.1     | 17.2     | 21.5     | 13.9     | 12.8     | 16.3     |
| 0.1      | 0.1      | 0.8      | 0.7      | 0.0      | 0.0      | 0.0      |
| 0.0      | 0.0      | 0.0      | 0.3      | 0.0      | 0.0      | 0.0      |
| 0.3      | 0.0      | 0.0      | 0.3      | 0.0      | 0.0      | 0.0      |
| 0.1      | 0.1      | 1.0      | 0.1      | 0.4      | 0.1      | 0.0      |
| 0.2      | 0.1      | 0.1      | 0.2      | 0.0      | 0.0      | 1.1      |
| 0.1      | 0.1      | 0.6      | 0.6      | 0.7      | 0.7      | 0.0      |
| 0.7      | 1.1      | 0.7      | 1.1      | 1.4      | 1.6      | 0.2      |
| 6.9      | 6.3      | 9.2      | 7.8      | 8.6      | 12.0     | 4.8      |
| 172872.5 | 216482.9 | 165702.3 | 156776.7 | 148945.0 | 151423.4 | 133035.6 |
| 19.0     | 33.3     | 30.7     | 28.6     | 33.0     | 28.2     | 17.3     |
| 0.3      | 0.7      | 0.5      | 0.4      | 0.6      | 0.4      | 0.1      |
| 0.3      | 0.3      | 0.4      | 0.3      | 0.1      | 0.6      | 0.2      |
| 0.5      | 1.5      | 1.2      | 3.1      | 1.2      | 1.8      | 1.0      |
| 3.0      | 4.2      | 4.4      | 4.3      | 4.9      | 4.9      | 3.6      |
| 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| 0.3      | 0.3      | 0.2      | 0.4      | 0.4      | 0.8      | 0.4      |
| 0.9      | 1.4      | 2.4      | 4.1      | 4.3      | 3.1      | 0.4      |
| 0.3      | 0.4      | 1.1      | 0.8      | 0.7      | 0.2      | 0.0      |
| 0.0      | 0.1      | 0.2      | 0.3      | 0.1      | 0.3      | 0.0      |
| 1.8      | 1.6      | 2.3      | 2.5      | 3.5      | 3.7      | 3.5      |
| 0.1      | 0.2      | 0.4      | 0.2      | 0.1      | 0.3      | 0.0      |
| 0.0      | 0.1      | 0.0      | 0.5      | 0.0      | 0.0      | 0.0      |
| 0.0      | 0.0      | 0.1      | 0.0      | 0.0      | 0.1      | 0.0      |
| 1.0      | 1.5      | 3.1      | 3.1      | 1.0      | 3.1      | 1.6      |
| 0.0      | 0.0      | 0.1      | 0.1      | 0.1      | 0.0      | 0.0      |
| 0.3      | 0.3      | 0.2      | 0.3      | 0.3      | 0.3      | 0.3      |
| 0.0      | 0.0      | 0.1      | 0.0      | 0.0      | 0.0      | 0.0      |
| 3.2      | 4.4      | 2.6      | 4.2      | 5.1      | 5.0      | 2.5      |
| 0.0      | 0.0      | 0.1      | 0.1      | 0.0      | 0.0      | 0.0      |
| 0.7      | 1.5      | 1.2      | 1.0      | 0.8      | 1.2      | 2.6      |
| 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| 25.5     | 19.6     | 23.1     | 28.9     | 26.2     | 24.8     | 51.9     |
| 1.0      | 1.2      | 1.8      | 1.9      | 1.2      | 1.3      | 1.1      |
| 0.7      | 0.8      | 0.8      | 1.0      | 1.2      | 0.8      | 0.3      |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 1.7  | 4.2  | 4.2  | 3.4  | 3.3  | 3.8  | 0.8  |
| 16.3 | 20.8 | 23.0 | 16.1 | 18.8 | 15.9 | 33.6 |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.5  | 0.0  |
| 2.9  | 3.1  | 4.3  | 4.8  | 4.7  | 2.4  | 3.1  |
| 0.2  | 0.3  | 0.7  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.4  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2.6  | 3.2  | 4.4  | 4.7  | 1.5  | 2.0  | 0.6  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  |
| 3.4  | 5.3  | 3.7  | 5.5  | 4.1  | 4.3  | 9.5  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.3  | 0.0  |
| 0.1  | 0.1  | 0.6  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.8  | 0.8  | 1.3  | 1.0  | 0.7  | 0.4  | 1.1  |
| 1.6  | 0.7  | 1.8  | 2.9  | 1.8  | 1.9  | 0.0  |
| 1.1  | 1.4  | 2.0  | 3.2  | 1.8  | 2.5  | 0.2  |
| 0.1  | 0.1  | 0.2  | 0.3  | 0.1  | 0.3  | 0.0  |
| 39.8 | 39.2 | 47.8 | 59.4 | 55.6 | 39.0 | 49.9 |
| 0.8  | 1.7  | 4.1  | 3.6  | 1.6  | 3.1  | 0.7  |
| 0.5  | 1.6  | 4.2  | 3.3  | 2.0  | 2.2  | 1.9  |
| 8.4  | 12.1 | 11.9 | 13.9 | 13.5 | 11.8 | 10.3 |
| 0.9  | 2.1  | 3.9  | 3.2  | 2.6  | 4.0  | 0.4  |
| 0.3  | 0.9  | 2.4  | 1.6  | 1.1  | 1.6  | 0.5  |
| 0.1  | 0.2  | 0.0  | 0.1  | 0.3  | 0.1  | 0.0  |
| 1.0  | 1.4  | 2.7  | 2.1  | 1.4  | 2.2  | 2.2  |
| 11.6 | 11.9 | 7.3  | 8.1  | 13.9 | 13.6 | 4.0  |
| 0.0  | 0.3  | 0.5  | 0.7  | 0.2  | 0.6  | 0.0  |
| 0.3  | 0.4  | 1.7  | 0.6  | 0.2  | 0.0  | 0.0  |
| 6.0  | 6.1  | 4.0  | 4.2  | 8.5  | 7.9  | 2.3  |
| 0.9  | 1.3  | 0.8  | 0.5  | 1.2  | 0.4  | 0.0  |
| 9.6  | 13.0 | 11.3 | 13.3 | 16.4 | 11.6 | 6.5  |
| 0.0  | 0.3  | 1.2  | 0.5  | 0.0  | 0.0  | 0.2  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.5  | 0.0  |
| 0.0  | 0.1  | 0.3  | 0.1  | 0.1  | 0.1  | 0.0  |
| 2.8  | 2.5  | 2.1  | 2.1  | 3.5  | 3.2  | 2.8  |
| 3.0  | 2.9  | 5.3  | 4.5  | 5.1  | 3.2  | 1.1  |
| 0.1  | 0.3  | 0.7  | 0.5  | 0.1  | 0.3  | 0.4  |
| 0.9  | 1.3  | 2.9  | 2.5  | 1.5  | 2.5  | 0.6  |
| 0.6  | 0.8  | 2.0  | 0.9  | 1.0  | 1.0  | 0.0  |
| 14.4 | 20.1 | 20.1 | 23.2 | 19.1 | 23.2 | 10.9 |
| 2.2  | 2.7  | 2.3  | 2.4  | 3.4  | 1.7  | 0.3  |
| 2.7  | 3.6  | 6.2  | 5.7  | 3.2  | 5.6  | 1.1  |
| 0.0  | 0.1  | 0.7  | 0.3  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.7  | 1.4  | 3.3  | 4.1  | 1.1  | 2.9  | 2.2  |
| 3.9  | 1.9  | 3.8  | 5.6  | 3.8  | 5.0  | 5.7  |
| 21.4 | 25.3 | 34.5 | 33.3 | 30.4 | 29.2 | 19.1 |



|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.3  | 0.5  | 2.0  | 1.3  | 0.9  | 1.3  | 0.5  |
| 0.0  | 0.1  | 0.4  | 0.3  | 0.1  | 0.2  | 0.0  |
| 2.2  | 0.8  | 2.2  | 2.3  | 2.2  | 2.4  | 11.3 |
| 1.8  | 2.5  | 3.2  | 2.0  | 3.4  | 3.2  | 3.0  |
| 4.1  | 6.0  | 6.0  | 5.5  | 6.4  | 4.3  | 1.1  |
| 5.5  | 11.5 | 10.3 | 11.3 | 10.9 | 8.7  | 8.3  |
| 0.2  | 0.0  | 0.3  | 0.2  | 0.0  | 0.2  | 0.0  |
| 0.8  | 1.4  | 1.1  | 1.1  | 1.2  | 1.2  | 0.3  |
| 17.1 | 27.3 | 24.7 | 27.1 | 21.8 | 24.8 | 40.9 |
| 0.0  | 0.0  | 0.3  | 0.1  | 0.0  | 0.0  | 0.0  |
| 5.8  | 6.5  | 5.3  | 5.5  | 5.2  | 7.6  | 7.1  |
| 0.1  | 0.2  | 1.0  | 0.6  | 0.2  | 0.3  | 0.0  |
| 8.4  | 9.6  | 17.3 | 19.1 | 16.3 | 11.0 | 5.5  |
| 4.0  | 4.4  | 4.5  | 5.0  | 5.1  | 5.8  | 5.4  |
| 2.8  | 3.7  | 3.2  | 4.2  | 3.9  | 5.1  | 4.4  |
| 1.7  | 2.3  | 2.2  | 2.2  | 2.1  | 2.4  | 2.3  |
| 0.7  | 1.3  | 1.2  | 1.0  | 1.0  | 1.3  | 0.5  |
| 2.7  | 2.0  | 3.7  | 4.5  | 5.3  | 2.8  | 3.7  |
| 1.4  | 2.0  | 2.3  | 2.5  | 2.6  | 2.4  | 1.9  |
| 4.0  | 6.2  | 5.1  | 7.1  | 4.2  | 4.8  | 5.3  |
| 1.7  | 1.6  | 2.6  | 2.0  | 3.1  | 2.1  | 0.9  |
| 0.0  | 0.2  | 0.1  | 0.3  | 0.2  | 0.0  | 0.0  |
| 0.8  | 0.9  | 1.1  | 1.3  | 0.9  | 0.8  | 1.4  |
| 4.4  | 5.5  | 3.5  | 3.7  | 8.0  | 7.9  | 1.2  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.3  | 0.2  | 0.1  | 0.0  | 0.0  |
| 2.0  | 3.4  | 3.2  | 4.1  | 3.1  | 2.8  | 3.0  |
| 4.4  | 5.9  | 5.1  | 6.4  | 5.0  | 6.0  | 7.6  |
| 0.1  | 0.2  | 0.5  | 0.4  | 0.0  | 0.5  | 0.0  |
| 0.5  | 1.0  | 0.6  | 0.6  | 0.7  | 1.1  | 0.4  |
| 3.7  | 4.5  | 4.0  | 4.5  | 5.2  | 5.9  | 3.5  |
| 0.1  | 0.1  | 0.2  | 0.1  | 0.0  | 0.1  | 0.1  |
| 0.0  | 0.1  | 0.0  | 0.1  | 0.0  | 0.3  | 0.0  |
| 0.3  | 0.7  | 1.0  | 1.0  | 0.7  | 0.4  | 0.0  |
| 1.3  | 2.0  | 2.9  | 3.1  | 2.7  | 2.1  | 2.3  |
| 0.3  | 0.5  | 1.8  | 1.4  | 0.2  | 0.9  | 0.0  |
| 2.1  | 2.3  | 2.2  | 2.4  | 3.5  | 3.3  | 2.8  |
| 2.2  | 1.2  | 2.9  | 3.0  | 3.0  | 0.9  | 3.3  |
| 0.0  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.1  | 0.1  | 0.0  |
| 1.2  | 1.4  | 1.1  | 1.0  | 2.2  | 1.7  | 0.4  |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.0  | 0.4  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.1  | 0.3  | 0.0  | 0.0  |
| 11.9 | 10.8 | 12.6 | 16.0 | 13.7 | 14.3 | 15.6 |
| 0.1  | 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.2  |
| 0.3  | 1.0  | 0.6  | 0.8  | 0.6  | 1.8  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 1.2   | 1.1   | 1.3   | 1.4   | 1.3   | 1.5   | 0.4   |
| 0.5   | 0.8   | 2.9   | 1.6   | 1.4   | 1.1   | 0.0   |
| 0.2   | 0.1   | 0.6   | 0.4   | 0.2   | 0.9   | 0.0   |
| 5.4   | 7.6   | 6.7   | 9.0   | 7.8   | 7.3   | 6.5   |
| 0.0   | 0.0   | 0.2   | 0.3   | 0.2   | 0.0   | 0.0   |
| 1.4   | 2.1   | 3.2   | 2.4   | 1.8   | 3.2   | 1.6   |
| 1.8   | 1.9   | 2.8   | 2.4   | 1.7   | 3.0   | 0.2   |
| 2.6   | 3.8   | 4.3   | 4.7   | 3.7   | 3.4   | 1.7   |
| 0.1   | 0.1   | 0.2   | 0.2   | 0.1   | 0.2   | 0.1   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 36.5  | 18.7  | 12.7  | 12.5  | 20.6  | 11.8  | 84.2  |
| 18.0  | 21.1  | 18.0  | 18.8  | 23.1  | 21.3  | 23.9  |
| 4.8   | 3.1   | 4.2   | 3.3   | 5.0   | 5.6   | 13.5  |
| 0.7   | 0.6   | 1.1   | 0.8   | 0.4   | 0.6   | 1.2   |
| 0.8   | 0.7   | 0.5   | 0.5   | 0.7   | 0.9   | 0.8   |
| 0.0   | 0.1   | 0.7   | 0.5   | 0.0   | 0.4   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 4.1   | 4.7   | 3.1   | 4.0   | 6.1   | 5.1   | 3.4   |
| 2.1   | 3.1   | 3.1   | 3.8   | 2.7   | 3.0   | 2.3   |
| 3.8   | 5.0   | 4.5   | 4.8   | 5.3   | 5.0   | 6.0   |
| 0.1   | 0.2   | 1.0   | 0.7   | 0.3   | 0.4   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 2.3   | 1.6   | 1.8   | 2.2   | 2.4   | 2.0   | 2.2   |
| 0.1   | 0.2   | 0.7   | 0.1   | 0.2   | 0.0   | 0.0   |
| 0.8   | 0.8   | 0.9   | 0.8   | 1.4   | 0.8   | 0.8   |
| 2.4   | 2.4   | 1.8   | 1.4   | 2.8   | 3.0   | 0.8   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   |
| 1.5   | 1.3   | 1.6   | 1.9   | 1.5   | 1.4   | 0.8   |
| 7.7   | 10.0  | 12.8  | 14.2  | 12.3  | 11.0  | 10.0  |
| 0.1   | 0.3   | 0.2   | 0.7   | 0.1   | 0.2   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.1   | 0.3   | 0.0   |
| 12.2  | 12.6  | 12.7  | 12.4  | 26.1  | 8.9   | 2.2   |
| 0.4   | 0.6   | 0.9   | 1.2   | 0.8   | 0.7   | 0.9   |
| 0.5   | 0.6   | 0.5   | 0.5   | 0.6   | 0.7   | 0.6   |
| 1.8   | 2.4   | 2.6   | 3.8   | 3.2   | 3.4   | 2.1   |
| 2.2   | 2.5   | 2.7   | 2.9   | 2.6   | 2.9   | 2.4   |
| 2.3   | 3.7   | 2.6   | 2.9   | 5.1   | 5.2   | 1.3   |
| 0.2   | 0.1   | 0.9   | 0.7   | 0.3   | 1.2   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.2   | 0.0   |
| 0.1   | 0.0   | 1.0   | 0.1   | 0.2   | 0.4   | 0.0   |
| 3.6   | 3.7   | 4.6   | 5.4   | 4.2   | 4.2   | 7.0   |
| 148.4 | 132.6 | 143.7 | 147.2 | 146.8 | 130.8 | 166.5 |
| 105.0 | 88.5  | 96.0  | 100.2 | 94.8  | 101.0 | 118.3 |
| 0.3   | 0.2   | 0.3   | 0.3   | 0.0   | 0.2   | 0.0   |
| 369.4 | 423.0 | 380.5 | 426.4 | 361.4 | 370.4 | 603.2 |
| 5.7   | 4.4   | 4.7   | 5.7   | 5.6   | 4.7   | 8.7   |

|        |       |        |       |       |        |       |
|--------|-------|--------|-------|-------|--------|-------|
| 0.9    | 1.0   | 2.0    | 2.0   | 1.6   | 1.2    | 1.5   |
| 0.1    | 0.2   | 0.4    | 0.4   | 0.0   | 0.1    | 0.0   |
| 4.0    | 4.4   | 6.2    | 4.6   | 4.8   | 4.6    | 5.4   |
| 3.0    | 4.8   | 3.1    | 2.8   | 4.7   | 3.9    | 0.7   |
| 0.0    | 0.1   | 0.0    | 0.1   | 0.0   | 0.0    | 0.0   |
| 0.1    | 0.3   | 0.6    | 0.5   | 0.3   | 0.4    | 0.0   |
| 0.0    | 0.0   | 0.2    | 0.2   | 0.0   | 0.0    | 0.0   |
| 0.0    | 0.0   | 0.0    | 0.2   | 0.0   | 0.0    | 0.0   |
| 6.3    | 22.1  | 34.3   | 37.5  | 12.5  | 32.0   | 3.2   |
| 0.0    | 0.1   | 0.0    | 0.1   | 0.0   | 0.0    | 0.0   |
| 12.7   | 25.2  | 11.9   | 7.0   | 16.9  | 15.8   | 44.1  |
| 3.8    | 0.0   | 1.4    | 1.7   | 1.6   | 5.1    | 0.0   |
| 11.5   | 4.6   | 2.3    | 13.7  | 2.6   | 18.5   | 2.9   |
| 939.8  | 350.1 | 700.1  | 197.5 | 337.1 | 481.9  | 158.9 |
| 1548.2 | 661.5 | 1296.0 | 505.6 | 814.2 | 1211.6 | 608.3 |
| 135.6  | 78.2  | 103.3  | 59.9  | 124.6 | 103.8  | 61.2  |
| 633.2  | 238.1 | 445.9  | 238.3 | 337.2 | 392.1  | 251.6 |
| 5.3    | 3.2   | 6.5    | 5.7   | 3.7   | 2.9    | 92.1  |
| 0.0    | 0.0   | 2.5    | 1.5   | 0.0   | 0.0    | 0.0   |
| 6.9    | 4.5   | 7.6    | 8.9   | 10.3  | 8.0    | 0.0   |
| 40.3   | 22.0  | 15.8   | 13.0  | 25.0  | 58.4   | 0.0   |
| 0.0    | 0.0   | 0.0    | 0.0   | 0.0   | 3.1    | 0.0   |
| 2.1    | 1.6   | 4.8    | 7.5   | 12.7  | 8.5    | 0.0   |
| 858.5  | 341.4 | 657.3  | 313.5 | 333.0 | 542.0  | 228.5 |
| 1077.7 | 492.3 | 956.6  | 519.7 | 484.9 | 957.2  | 742.0 |
| 2.2    | 0.0   | 0.0    | 3.9   | 0.0   | 0.0    | 0.0   |
| 154.8  | 57.4  | 140.0  | 49.1  | 74.3  | 81.7   | 86.2  |
| 254.9  | 110.3 | 193.8  | 120.5 | 81.1  | 103.8  | 363.8 |
| 3.8    | 1.9   | 0.0    | 0.0   | 0.0   | 3.4    | 0.0   |
| 0.6    | 1.4   | 1.4    | 0.8   | 0.7   | 1.3    | 0.7   |
| 44.5   | 49.6  | 47.1   | 53.3  | 55.2  | 49.1   | 57.7  |
| 8.7    | 10.8  | 10.9   | 14.1  | 10.9  | 8.9    | 18.4  |
| 1.0    | 1.7   | 1.5    | 4.8   | 3.5   | 2.6    | 0.2   |
| 0.0    | 0.1   | 0.7    | 0.0   | 0.0   | 0.5    | 0.0   |
| 6.1    | 6.6   | 7.9    | 8.7   | 8.0   | 6.6    | 11.3  |
| 0.0    | 0.1   | 0.3    | 0.5   | 0.2   | 0.1    | 0.0   |
| 0.1    | 0.0   | 0.2    | 0.1   | 0.0   | 0.0    | 0.0   |
| 5.9    | 3.9   | 5.0    | 7.0   | 6.3   | 5.1    | 11.0  |
| 0.1    | 0.2   | 0.5    | 0.5   | 0.4   | 0.5    | 0.0   |
| 0.0    | 0.0   | 0.6    | 0.3   | 0.0   | 0.0    | 0.0   |
| 0.1    | 0.0   | 0.1    | 0.1   | 0.2   | 0.2    | 0.0   |
| 6.9    | 7.3   | 8.1    | 8.7   | 11.8  | 8.2    | 7.2   |
| 29.4   | 35.0  | 30.3   | 34.6  | 36.5  | 32.2   | 24.9  |
| 7.8    | 10.2  | 9.4    | 12.8  | 13.4  | 12.3   | 20.2  |
| 9.9    | 11.9  | 11.4   | 10.4  | 10.8  | 11.7   | 8.4   |
| 2.0    | 2.2   | 3.0    | 3.4   | 2.4   | 3.3    | 3.5   |
| 2.3    | 3.4   | 3.8    | 4.4   | 3.4   | 3.7    | 3.2   |

|       |        |       |        |       |       |        |
|-------|--------|-------|--------|-------|-------|--------|
| 3.4   | 4.6    | 3.3   | 2.9    | 4.8   | 3.6   | 6.0    |
| 8.2   | 9.5    | 18.4  | 11.4   | 10.0  | 18.2  | 6.1    |
| 15.7  | 18.2   | 18.9  | 19.2   | 17.5  | 17.0  | 23.8   |
| 0.1   | 0.0    | 0.2   | 0.2    | 0.3   | 0.2   | 0.0    |
| 0.0   | 0.0    | 0.2   | 0.2    | 0.0   | 0.0   | 0.0    |
| 2.5   | 2.7    | 3.8   | 4.1    | 3.3   | 3.3   | 3.2    |
| 0.3   | 0.2    | 0.2   | 0.2    | 0.5   | 0.6   | 0.0    |
| 0.3   | 0.0    | 0.0   | 0.1    | 0.7   | 0.3   | 0.3    |
| 11.2  | 16.8   | 17.2  | 19.8   | 15.2  | 17.0  | 20.3   |
| 0.0   | 0.0    | 0.1   | 0.1    | 0.0   | 0.0   | 0.0    |
| 1.7   | 2.5    | 2.5   | 2.3    | 2.4   | 2.5   | 1.7    |
| 0.0   | 0.0    | 0.3   | 0.3    | 0.3   | 0.5   | 0.0    |
| 0.7   | 0.4    | 1.0   | 0.8    | 1.0   | 1.2   | 1.3    |
| 0.4   | 0.3    | 0.4   | 1.4    | 0.7   | 1.1   | 0.0    |
| 0.0   | 0.0    | 0.1   | 0.1    | 0.0   | 0.0   | 0.0    |
| 1.4   | 1.9    | 2.4   | 2.5    | 2.1   | 2.5   | 2.2    |
| 21.3  | 25.2   | 22.9  | 23.2   | 27.6  | 26.6  | 21.4   |
| 1.8   | 2.2    | 3.3   | 4.2    | 3.0   | 2.6   | 2.5    |
| 4.5   | 6.5    | 6.3   | 7.3    | 6.6   | 5.9   | 6.5    |
| 0.8   | 1.0    | 1.2   | 1.3    | 1.2   | 1.4   | 0.1    |
| 0.0   | 0.1    | 0.1   | 0.4    | 0.2   | 0.0   | 0.0    |
| 0.4   | 0.1    | 0.4   | 0.4    | 0.7   | 0.3   | 0.0    |
| 2.2   | 1.8    | 1.9   | 3.2    | 3.9   | 2.2   | 4.3    |
| 2.9   | 3.8    | 4.5   | 2.8    | 5.1   | 1.6   | 3.0    |
| 1.3   | 1.9    | 1.6   | 1.8    | 1.7   | 2.4   | 1.9    |
| 0.1   | 0.5    | 0.6   | 0.7    | 0.6   | 0.9   | 0.0    |
| 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0   | 0.0    |
| 1.5   | 2.2    | 2.4   | 2.0    | 1.4   | 1.4   | 1.7    |
| 1.0   | 0.9    | 1.1   | 0.7    | 1.6   | 1.0   | 0.0    |
| 0.0   | 0.0    | 0.2   | 0.2    | 0.1   | 0.1   | 0.0    |
| 640.6 | 2397.0 | 762.6 | 4166.4 | 967.2 | 797.5 | 3346.0 |
| 379.1 | 2489.5 | 416.0 | 2597.2 | 750.4 | 416.2 | 2173.3 |
| 0.9   | 1.1    | 2.1   | 2.4    | 2.6   | 1.5   | 0.8    |
| 0.1   | 0.1    | 0.4   | 0.5    | 0.0   | 0.1   | 1.2    |
| 0.0   | 0.0    | 0.2   | 0.3    | 0.0   | 0.4   | 0.0    |
| 0.1   | 0.0    | 0.2   | 0.1    | 0.0   | 0.1   | 0.0    |
| 0.0   | 0.2    | 0.6   | 0.7    | 0.2   | 0.4   | 0.0    |
| 0.1   | 0.1    | 0.1   | 0.1    | 0.2   | 0.1   | 0.5    |
| 6.9   | 6.8    | 9.7   | 10.4   | 10.8  | 13.1  | 15.0   |
| 0.8   | 1.0    | 1.2   | 1.2    | 1.0   | 1.0   | 1.2    |
| 0.0   | 0.0    | 0.1   | 0.1    | 0.0   | 0.1   | 0.0    |
| 0.8   | 1.1    | 0.6   | 0.8    | 1.4   | 1.3   | 1.0    |
| 0.0   | 0.7    | 1.3   | 0.7    | 0.7   | 1.0   | 0.0    |
| 0.4   | 0.6    | 0.6   | 1.1    | 0.7   | 0.8   | 0.0    |
| 0.0   | 0.1    | 0.2   | 0.6    | 0.0   | 0.8   | 0.0    |
| 0.0   | 0.6    | 0.7   | 0.5    | 0.1   | 0.3   | 0.0    |
| 0.0   | 0.0    | 0.2   | 0.4    | 0.0   | 0.0   | 0.0    |

|         |         |         |         |        |         |        |
|---------|---------|---------|---------|--------|---------|--------|
| 0.1     | 0.1     | 0.2     | 0.5     | 0.0    | 0.5     | 0.0    |
| 0.1     | 0.1     | 0.4     | 0.3     | 0.2    | 0.2     | 0.0    |
| 0.4     | 1.6     | 1.1     | 1.2     | 1.1    | 1.5     | 1.1    |
| 5.9     | 4.7     | 5.7     | 6.4     | 5.9    | 5.5     | 12.3   |
| 0.0     | 0.1     | 0.8     | 0.4     | 0.3    | 0.0     | 0.0    |
| 1.4     | 1.8     | 1.1     | 1.4     | 2.0    | 1.7     | 0.8    |
| 49.2    | 63.6    | 63.6    | 68.3    | 63.5   | 61.3    | 64.6   |
| 8.9     | 7.0     | 10.8    | 12.3    | 12.0   | 11.5    | 13.9   |
| 13.8    | 16.6    | 16.4    | 17.3    | 20.7   | 18.7    | 12.8   |
| 9.4     | 10.4    | 10.9    | 12.3    | 11.6   | 13.2    | 19.4   |
| 0.1     | 0.0     | 0.3     | 0.1     | 0.1    | 0.0     | 0.0    |
| 0.5     | 0.6     | 0.3     | 0.3     | 1.5    | 0.8     | 0.0    |
| 0.4     | 0.4     | 0.2     | 0.5     | 0.5    | 0.8     | 0.0    |
| 2.1     | 3.9     | 3.6     | 5.0     | 3.9    | 3.5     | 2.9    |
| 2.1     | 3.6     | 4.4     | 4.4     | 4.2    | 4.0     | 2.9    |
| 132.4   | 164.9   | 187.9   | 244.7   | 186.6  | 166.9   | 277.7  |
| 0.1     | 0.2     | 0.3     | 0.1     | 0.2    | 0.1     | 0.3    |
| 0.0     | 0.0     | 0.1     | 0.1     | 0.0    | 0.0     | 0.0    |
| 3.5     | 4.0     | 3.1     | 3.2     | 5.5    | 5.0     | 0.5    |
| 0.1     | 0.3     | 0.1     | 0.4     | 0.3    | 0.5     | 0.0    |
| 0.1     | 0.0     | 0.4     | 0.3     | 0.7    | 0.5     | 0.0    |
| 2.3     | 2.9     | 4.5     | 4.4     | 3.5    | 4.2     | 2.3    |
| 0.2     | 0.2     | 0.5     | 0.6     | 0.3    | 0.4     | 1.0    |
| 32609.1 | 21554.3 | 13723.6 | 11839.9 | 7872.8 | 15789.8 | 4833.4 |
| 2.0     | 2.9     | 2.3     | 1.9     | 3.0    | 2.5     | 0.8    |
| 0.6     | 0.9     | 0.4     | 0.4     | 0.9    | 0.9     | 0.1    |
| 1.5     | 1.9     | 2.1     | 2.3     | 1.8    | 2.2     | 1.5    |
| 0.2     | 0.8     | 3.0     | 2.4     | 0.8    | 1.7     | 0.5    |
| 0.1     | 0.2     | 0.7     | 0.6     | 0.6    | 0.5     | 0.0    |
| 1.3     | 1.8     | 2.2     | 2.3     | 2.1    | 2.3     | 1.3    |
| 0.2     | 0.3     | 0.3     | 0.3     | 0.2    | 0.3     | 0.0    |
| 0.7     | 0.9     | 1.9     | 1.5     | 1.5    | 2.0     | 0.0    |
| 3.6     | 3.4     | 2.1     | 2.1     | 5.7    | 3.8     | 0.8    |
| 2.6     | 4.1     | 3.2     | 2.9     | 1.7    | 4.8     | 0.8    |
| 4.7     | 3.8     | 3.8     | 4.7     | 4.5    | 2.4     | 4.1    |
| 1.7     | 4.6     | 3.1     | 4.7     | 5.5    | 8.3     | 4.5    |
| 18.5    | 24.5    | 22.9    | 22.0    | 21.7   | 19.3    | 11.6   |
| 0.0     | 0.3     | 0.5     | 1.0     | 0.0    | 0.0     | 0.0    |
| 0.1     | 0.1     | 1.7     | 1.3     | 0.7    | 1.2     | 0.0    |
| 0.2     | 0.2     | 0.9     | 0.7     | 0.4    | 0.4     | 0.0    |
| 16.1    | 19.4    | 19.7    | 20.7    | 20.1   | 19.7    | 22.6   |
| 6.8     | 7.9     | 10.2    | 10.4    | 8.7    | 9.2     | 5.6    |
| 0.2     | 0.6     | 0.8     | 0.6     | 0.2    | 0.5     | 0.0    |
| 0.0     | 0.0     | 0.1     | 0.1     | 0.0    | 0.1     | 0.0    |
| 4.5     | 4.9     | 4.3     | 4.7     | 5.6    | 5.3     | 4.3    |
| 0.1     | 0.0     | 0.2     | 0.2     | 0.0    | 0.3     | 0.0    |
| 0.9     | 0.8     | 1.4     | 1.3     | 1.4    | 1.0     | 0.5    |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.5   | 0.6   | 1.0   | 1.0   | 0.9   | 0.5   | 0.1   |
| 5.6   | 9.3   | 27.9  | 21.4  | 12.4  | 16.9  | 4.1   |
| 0.1   | 0.4   | 0.0   | 0.4   | 0.7   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.4   | 0.9   | 0.8   | 0.8   | 0.5   | 0.6   | 1.8   |
| 0.2   | 0.2   | 0.7   | 0.3   | 0.1   | 0.6   | 0.0   |
| 0.6   | 0.2   | 0.4   | 0.4   | 0.8   | 0.6   | 0.0   |
| 2.1   | 4.0   | 5.5   | 4.8   | 4.2   | 4.9   | 3.6   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.1   | 0.1   | 0.0   |
| 5.4   | 6.8   | 6.5   | 8.1   | 5.7   | 7.4   | 5.0   |
| 4.3   | 4.4   | 2.9   | 3.7   | 5.0   | 5.3   | 3.0   |
| 11.2  | 12.5  | 10.1  | 11.2  | 13.5  | 15.2  | 13.4  |
| 0.1   | 0.3   | 0.4   | 0.6   | 0.3   | 0.3   | 0.2   |
| 0.1   | 0.1   | 0.3   | 0.2   | 0.2   | 0.4   | 0.6   |
| 0.0   | 0.0   | 0.2   | 0.2   | 0.0   | 0.5   | 0.0   |
| 3.7   | 5.3   | 9.0   | 10.1  | 7.7   | 10.2  | 2.3   |
| 1.1   | 1.9   | 2.7   | 3.0   | 1.6   | 2.0   | 0.9   |
| 1.6   | 2.0   | 1.5   | 1.6   | 1.8   | 2.1   | 1.6   |
| 0.0   | 0.0   | 0.0   | 0.2   | 0.1   | 0.2   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.2   | 0.3   | 0.5   | 0.1   | 0.2   | 0.1   |
| 3.0   | 3.5   | 4.0   | 5.8   | 5.1   | 4.8   | 3.5   |
| 2.9   | 5.1   | 5.5   | 7.4   | 3.7   | 8.5   | 6.2   |
| 0.1   | 0.4   | 0.9   | 1.3   | 0.4   | 0.7   | 0.2   |
| 3.3   | 3.9   | 3.4   | 3.6   | 6.0   | 3.6   | 0.9   |
| 0.3   | 0.4   | 0.6   | 0.5   | 0.7   | 0.7   | 0.0   |
| 0.4   | 0.4   | 0.6   | 0.5   | 0.6   | 0.9   | 0.1   |
| 4.3   | 3.3   | 1.8   | 2.7   | 4.1   | 3.9   | 0.0   |
| 11.8  | 23.4  | 21.6  | 21.2  | 19.6  | 20.4  | 14.8  |
| 22.3  | 35.3  | 18.3  | 18.4  | 43.0  | 23.3  | 12.1  |
| 0.2   | 0.1   | 0.7   | 0.5   | 0.4   | 0.3   | 0.0   |
| 0.1   | 0.1   | 0.8   | 0.5   | 0.9   | 0.4   | 0.0   |
| 0.3   | 0.0   | 0.0   | 0.0   | 0.2   | 0.2   | 0.0   |
| 0.0   | 0.0   | 0.3   | 0.1   | 0.0   | 0.1   | 0.0   |
| 199.0 | 190.8 | 191.6 | 187.0 | 218.4 | 216.1 | 131.7 |
| 0.0   | 0.0   | 0.2   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.4   | 0.8   | 1.1   | 0.9   | 0.7   | 0.8   | 0.4   |
| 1.0   | 2.0   | 4.7   | 5.1   | 1.6   | 4.6   | 0.4   |
| 0.2   | 0.1   | 0.7   | 0.5   | 0.4   | 0.8   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.2   | 1.8   | 2.2   | 2.0   | 2.5   | 2.4   | 1.9   |
| 0.2   | 0.2   | 0.4   | 0.3   | 0.2   | 0.4   | 0.5   |
| 0.1   | 0.1   | 0.9   | 0.7   | 0.4   | 0.2   | 0.0   |
| 0.1   | 0.4   | 0.8   | 0.7   | 0.4   | 0.9   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.2   | 0.4   | 0.3   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 4.5   | 6.3   | 6.8   | 6.9   | 7.1   | 8.7   | 8.7   |

|       |      |      |      |      |      |      |
|-------|------|------|------|------|------|------|
| 0.0   | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.1   | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  |
| 4.8   | 6.0  | 4.2  | 4.5  | 8.0  | 5.8  | 1.6  |
| 0.4   | 0.4  | 0.4  | 0.5  | 0.5  | 0.4  | 0.5  |
| 0.4   | 0.5  | 0.7  | 0.7  | 0.3  | 0.4  | 0.3  |
| 5.8   | 5.7  | 6.8  | 8.3  | 6.0  | 7.2  | 9.6  |
| 4.9   | 4.7  | 5.1  | 5.1  | 5.3  | 6.6  | 10.3 |
| 3.1   | 4.9  | 4.5  | 5.4  | 4.5  | 2.7  | 11.6 |
| 2.5   | 5.4  | 4.1  | 6.4  | 3.2  | 6.0  | 4.0  |
| 0.4   | 0.7  | 1.0  | 0.9  | 0.6  | 1.3  | 0.5  |
| 3.9   | 5.6  | 3.5  | 3.3  | 6.3  | 5.4  | 1.6  |
| 0.1   | 0.0  | 0.1  | 0.3  | 0.0  | 0.0  | 0.0  |
| 4.8   | 7.3  | 6.6  | 5.6  | 6.4  | 6.7  | 3.2  |
| 128.0 | 32.1 | 98.4 | 47.4 | 60.4 | 66.9 | 15.9 |
| 0.3   | 0.7  | 2.2  | 2.2  | 0.9  | 0.4  | 0.3  |
| 0.2   | 0.2  | 0.3  | 0.4  | 0.3  | 0.3  | 0.1  |
| 1.4   | 1.1  | 0.9  | 1.4  | 1.5  | 1.8  | 1.3  |
| 2.0   | 3.7  | 5.7  | 5.3  | 2.9  | 5.0  | 1.7  |
| 1.6   | 2.3  | 2.2  | 2.4  | 2.5  | 2.0  | 0.6  |
| 2.2   | 3.3  | 3.7  | 3.2  | 2.4  | 2.8  | 4.0  |
| 1.8   | 2.4  | 3.3  | 2.8  | 3.6  | 2.6  | 1.7  |
| 0.2   | 0.3  | 0.6  | 0.7  | 0.3  | 0.5  | 0.2  |
| 9.6   | 13.6 | 17.5 | 17.1 | 11.4 | 11.8 | 9.6  |
| 0.4   | 0.5  | 1.1  | 1.4  | 0.8  | 0.3  | 0.0  |
| 0.4   | 0.0  | 0.4  | 0.7  | 0.2  | 0.4  | 0.5  |
| 0.1   | 0.1  | 0.2  | 0.2  | 0.2  | 0.1  | 0.0  |
| 0.0   | 0.1  | 0.3  | 0.1  | 0.0  | 0.1  | 0.0  |
| 1.7   | 3.3  | 5.7  | 5.9  | 3.9  | 5.5  | 1.0  |
| 1.6   | 3.8  | 4.0  | 3.9  | 3.2  | 6.6  | 3.8  |
| 0.0   | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 1.8  |
| 0.9   | 1.1  | 1.0  | 0.7  | 0.9  | 1.2  | 1.8  |
| 4.0   | 4.7  | 13.0 | 18.6 | 6.9  | 8.0  | 3.8  |
| 0.1   | 0.2  | 0.6  | 0.3  | 0.0  | 0.0  | 0.0  |
| 33.1  | 38.5 | 41.3 | 38.0 | 42.2 | 40.7 | 46.5 |
| 9.0   | 10.3 | 8.6  | 8.6  | 12.1 | 11.0 | 7.9  |
| 0.0   | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0   | 0.1  | 0.1  | 0.5  | 0.0  | 0.0  | 0.0  |
| 2.1   | 1.6  | 1.4  | 1.3  | 2.3  | 2.0  | 1.4  |
| 0.0   | 0.0  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  |
| 7.2   | 6.0  | 5.1  | 7.0  | 7.5  | 6.9  | 9.0  |
| 12.8  | 17.8 | 18.6 | 22.5 | 16.9 | 19.2 | 19.8 |
| 0.2   | 0.8  | 1.3  | 1.0  | 0.5  | 1.2  | 0.2  |
| 6.4   | 9.7  | 10.1 | 9.4  | 8.3  | 10.5 | 6.9  |
| 0.4   | 0.3  | 0.9  | 0.6  | 0.5  | 0.4  | 0.6  |
| 26.7  | 31.7 | 28.8 | 29.7 | 31.7 | 31.4 | 25.5 |
| 0.0   | 0.0  | 0.0  | 0.4  | 0.4  | 0.0  | 0.0  |
| 1.5   | 2.5  | 1.7  | 1.8  | 2.1  | 1.8  | 1.3  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.5   | 0.0   |
| 0.0   | 0.0   | 0.4   | 0.0   | 0.0   | 0.2   | 0.0   |
| 4.6   | 4.8   | 6.1   | 6.5   | 6.8   | 6.7   | 7.1   |
| 0.0   | 0.1   | 0.3   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.4   | 0.0   | 0.1   | 0.0   |
| 6.1   | 7.2   | 7.8   | 7.4   | 7.6   | 10.2  | 1.7   |
| 1.8   | 2.3   | 2.9   | 3.2   | 2.5   | 2.0   | 1.7   |
| 0.1   | 0.0   | 0.1   | 0.1   | 0.1   | 0.1   | 0.0   |
| 0.6   | 1.2   | 1.6   | 2.1   | 0.6   | 0.4   | 0.0   |
| 3.3   | 3.2   | 3.3   | 3.2   | 5.0   | 3.9   | 2.0   |
| 0.1   | 0.0   | 0.7   | 0.3   | 0.0   | 0.0   | 0.0   |
| 1.1   | 1.4   | 2.2   | 2.1   | 2.2   | 1.7   | 2.2   |
| 2.0   | 2.7   | 2.2   | 2.3   | 2.9   | 2.9   | 1.1   |
| 1.2   | 0.7   | 1.5   | 2.5   | 2.5   | 2.9   | 1.8   |
| 1.4   | 1.8   | 1.5   | 1.4   | 1.9   | 1.5   | 1.3   |
| 9.6   | 12.6  | 12.9  | 13.6  | 12.3  | 12.6  | 11.0  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.1   | 1.0   | 1.6   | 1.5   | 1.2   | 1.4   | 1.0   |
| 13.3  | 17.4  | 13.9  | 15.7  | 16.1  | 16.4  | 14.6  |
| 3.5   | 2.8   | 3.8   | 4.8   | 3.8   | 2.7   | 4.2   |
| 0.1   | 0.1   | 0.4   | 0.0   | 0.1   | 0.5   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.3   | 0.1   | 0.4   | 1.1   | 0.6   | 0.4   | 0.0   |
| 1.7   | 1.8   | 2.2   | 1.9   | 3.5   | 2.7   | 1.0   |
| 0.0   | 0.1   | 0.0   | 0.0   | 0.1   | 0.1   | 0.0   |
| 0.8   | 2.0   | 1.8   | 2.3   | 2.9   | 1.9   | 0.0   |
| 4.4   | 5.9   | 5.9   | 6.6   | 5.0   | 6.1   | 7.6   |
| 1.3   | 0.9   | 1.7   | 1.1   | 0.6   | 0.8   | 1.0   |
| 5.6   | 8.5   | 5.4   | 6.5   | 6.2   | 3.1   | 0.8   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.2   | 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   |
| 3.2   | 4.3   | 4.8   | 5.4   | 3.9   | 4.5   | 2.2   |
| 0.0   | 0.1   | 0.3   | 0.3   | 0.1   | 0.0   | 0.0   |
| 6.3   | 9.2   | 11.1  | 13.7  | 10.0  | 10.6  | 13.2  |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.4   | 0.3   | 0.2   | 0.3   | 0.4   | 0.1   |
| 0.0   | 0.1   | 0.2   | 0.1   | 0.1   | 0.0   | 0.0   |
| 0.1   | 0.1   | 0.2   | 0.1   | 0.0   | 0.0   | 0.6   |
| 0.4   | 1.4   | 1.9   | 1.8   | 0.7   | 2.1   | 0.1   |
| 1.4   | 1.9   | 1.7   | 1.9   | 2.3   | 2.6   | 1.8   |
| 0.4   | 1.1   | 2.9   | 2.6   | 1.5   | 2.8   | 1.3   |
| 0.0   | 0.0   | 0.1   | 0.8   | 0.0   | 0.9   | 0.0   |
| 0.0   | 0.2   | 0.3   | 0.4   | 0.1   | 0.2   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 2.1   | 2.7   | 3.5   | 3.7   | 3.2   | 3.1   | 2.9   |
| 111.8 | 132.0 | 145.5 | 145.9 | 135.6 | 121.2 | 137.5 |
| 2.3   | 3.8   | 2.8   | 4.2   | 2.9   | 4.7   | 6.1   |



|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.5  | 1.0  | 2.2  | 1.8  | 1.5  | 1.7  | 0.4  |
| 0.2  | 0.5  | 0.9  | 0.7  | 0.3  | 0.9  | 0.1  |
| 11.9 | 13.0 | 14.3 | 15.8 | 16.9 | 21.9 | 11.7 |
| 1.3  | 2.3  | 3.0  | 2.7  | 2.6  | 2.3  | 3.1  |
| 0.8  | 1.8  | 1.7  | 1.2  | 2.0  | 2.3  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.3  | 0.0  | 0.0  | 0.2  |
| 0.1  | 0.1  | 0.2  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.1  | 0.3  | 1.0  | 0.7  | 0.2  | 1.0  | 1.1  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.1  | 0.0  | 0.0  |
| 19.7 | 22.9 | 24.0 | 30.5 | 21.5 | 24.8 | 22.8 |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.2  | 0.6  | 0.7  | 0.2  | 0.9  | 0.0  |
| 3.5  | 5.8  | 7.0  | 7.0  | 4.6  | 7.2  | 3.8  |
| 0.1  | 0.0  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.0  | 0.4  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3.8  | 3.9  | 4.2  | 4.5  | 5.3  | 4.5  | 4.2  |
| 0.4  | 0.0  | 1.2  | 0.6  | 0.3  | 0.6  | 0.0  |
| 0.1  | 0.2  | 0.6  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.1  | 0.1  | 0.0  |
| 1.4  | 1.3  | 2.9  | 2.1  | 1.0  | 2.0  | 1.0  |
| 0.6  | 1.9  | 4.1  | 5.2  | 2.2  | 3.7  | 1.6  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.8  | 1.8  | 3.6  | 3.3  | 1.5  | 2.8  | 0.4  |
| 4.2  | 3.5  | 10.6 | 4.9  | 4.9  | 4.9  | 0.4  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.2  | 0.4  | 0.0  |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.2  | 0.1  | 0.1  |
| 0.3  | 0.4  | 0.7  | 0.4  | 0.3  | 0.3  | 1.6  |
| 2.9  | 3.1  | 2.9  | 2.2  | 3.9  | 3.7  | 1.5  |
| 0.2  | 0.0  | 0.7  | 0.3  | 0.3  | 0.6  | 0.0  |
| 0.1  | 0.1  | 0.3  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.4  | 0.4  | 0.3  | 0.3  | 0.5  | 0.4  | 0.0  |
| 0.3  | 0.6  | 1.3  | 1.3  | 0.5  | 1.0  | 0.0  |
| 0.1  | 0.1  | 1.1  | 0.4  | 0.5  | 0.9  | 0.0  |
| 0.2  | 0.3  | 0.6  | 0.5  | 0.3  | 0.2  | 0.5  |
| 24.4 | 20.2 | 21.8 | 27.4 | 25.6 | 29.5 | 52.8 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.5  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3.5  | 5.3  | 5.5  | 4.7  | 6.7  | 5.3  | 0.6  |
| 0.0  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.2  | 0.1  | 0.0  | 0.1  | 0.0  | 0.0  |
| 3.6  | 3.7  | 4.4  | 5.0  | 3.5  | 3.8  | 4.4  |
| 5.8  | 7.8  | 5.9  | 8.4  | 8.5  | 11.3 | 10.9 |
| 2.2  | 3.0  | 3.1  | 3.8  | 3.6  | 3.5  | 0.7  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 8.1   | 7.8   | 11.4  | 11.0  | 13.5  | 8.7   | 1.7   |
| 2.3   | 4.4   | 3.4   | 7.4   | 4.5   | 9.6   | 0.3   |
| 1.3   | 3.3   | 2.5   | 3.4   | 2.0   | 4.1   | 0.4   |
| 2.5   | 2.4   | 2.4   | 3.2   | 2.9   | 2.2   | 3.7   |
| 0.6   | 0.9   | 1.9   | 0.7   | 0.9   | 1.5   | 0.0   |
| 11.9  | 13.9  | 10.6  | 12.5  | 13.2  | 12.8  | 3.1   |
| 0.1   | 0.3   | 1.5   | 0.7   | 0.5   | 0.8   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.2   | 0.0   | 0.2   | 0.0   |
| 0.8   | 1.2   | 2.5   | 1.7   | 2.6   | 2.0   | 0.0   |
| 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.8   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.5   | 1.3   | 0.7   | 0.3   | 0.6   | 0.0   |
| 0.2   | 0.4   | 0.3   | 0.3   | 0.7   | 0.5   | 0.0   |
| 2.7   | 3.5   | 2.2   | 1.8   | 3.2   | 4.4   | 3.8   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.0   | 0.0   | 0.2   | 0.0   |
| 0.2   | 0.3   | 1.2   | 1.3   | 0.2   | 0.6   | 0.0   |
| 0.2   | 0.1   | 1.1   | 0.9   | 0.0   | 0.3   | 0.0   |
| 0.1   | 0.1   | 0.5   | 0.9   | 0.5   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.4   | 0.0   | 0.1   | 0.0   |
| 0.2   | 0.4   | 0.4   | 0.2   | 0.5   | 0.8   | 0.0   |
| 4.5   | 7.0   | 8.4   | 7.9   | 7.6   | 9.1   | 9.9   |
| 0.3   | 1.3   | 1.0   | 0.5   | 1.4   | 0.4   | 1.1   |
| 0.5   | 0.2   | 0.3   | 0.7   | 0.6   | 0.7   | 0.0   |
| 1.9   | 3.1   | 3.3   | 2.9   | 2.4   | 3.5   | 2.9   |
| 7.8   | 10.7  | 12.6  | 16.2  | 13.6  | 11.2  | 10.6  |
| 0.1   | 0.2   | 0.3   | 0.2   | 0.4   | 0.1   | 0.2   |
| 1.6   | 2.8   | 7.9   | 5.3   | 3.1   | 4.3   | 0.5   |
| 556.2 | 668.7 | 371.3 | 484.9 | 452.2 | 403.8 | 627.9 |
| 0.2   | 0.5   | 0.6   | 0.5   | 0.3   | 0.6   | 0.0   |
| 0.3   | 0.3   | 0.3   | 0.3   | 0.6   | 0.3   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.0   | 0.1   | 0.0   | 0.0   |
| 5.5   | 6.2   | 4.8   | 5.8   | 6.4   | 7.9   | 9.6   |
| 1.5   | 2.0   | 1.3   | 1.7   | 2.1   | 2.6   | 0.7   |
| 3.2   | 3.5   | 4.2   | 3.9   | 3.6   | 4.9   | 6.1   |
| 0.5   | 0.8   | 2.6   | 0.9   | 1.3   | 0.5   | 0.0   |
| 9.0   | 11.9  | 10.8  | 9.1   | 10.7  | 12.8  | 7.0   |
| 4.1   | 6.4   | 8.8   | 11.2  | 7.1   | 7.9   | 5.5   |
| 0.3   | 0.2   | 0.6   | 0.5   | 0.4   | 0.5   | 0.0   |
| 1.9   | 1.7   | 1.7   | 2.0   | 2.0   | 1.5   | 1.8   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 6.0   | 7.1   | 10.2  | 9.3   | 11.5  | 8.2   | 7.3   |
| 3.5   | 6.7   | 6.4   | 5.3   | 3.3   | 9.3   | 7.1   |
| 0.0   | 0.0   | 1.2   | 0.4   | 0.0   | 0.0   | 0.0   |
| 10.4  | 13.5  | 13.9  | 15.6  | 11.9  | 17.1  | 7.4   |

|      |       |      |      |       |       |      |
|------|-------|------|------|-------|-------|------|
| 0.0  | 0.0   | 0.0  | 0.2  | 0.0   | 0.0   | 0.0  |
| 0.1  | 0.3   | 1.4  | 0.6  | 0.6   | 0.4   | 0.2  |
| 4.1  | 4.8   | 5.4  | 5.8  | 5.4   | 4.9   | 4.6  |
| 19.7 | 23.1  | 21.2 | 23.6 | 28.1  | 23.6  | 28.7 |
| 1.0  | 1.6   | 2.8  | 2.8  | 1.7   | 2.0   | 0.8  |
| 0.2  | 0.2   | 1.0  | 0.5  | 0.1   | 0.1   | 0.0  |
| 0.2  | 0.2   | 0.1  | 0.4  | 0.7   | 0.4   | 0.0  |
| 3.4  | 5.6   | 3.4  | 3.1  | 5.8   | 3.2   | 1.2  |
| 1.4  | 1.2   | 1.8  | 1.0  | 1.0   | 1.9   | 1.7  |
| 0.0  | 0.0   | 0.1  | 0.2  | 0.0   | 0.0   | 0.0  |
| 0.0  | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   | 0.0  |
| 0.9  | 0.8   | 0.9  | 1.0  | 1.2   | 0.9   | 1.1  |
| 0.1  | 0.0   | 0.3  | 0.3  | 0.2   | 0.5   | 0.0  |
| 1.8  | 2.3   | 2.6  | 2.8  | 3.1   | 2.5   | 0.4  |
| 1.6  | 1.7   | 3.0  | 2.0  | 2.1   | 2.2   | 0.9  |
| 0.1  | 0.0   | 0.1  | 0.2  | 0.1   | 0.1   | 0.0  |
| 0.8  | 1.0   | 0.8  | 0.7  | 0.2   | 1.0   | 1.4  |
| 0.1  | 0.2   | 0.5  | 0.5  | 0.0   | 0.6   | 0.0  |
| 0.2  | 0.2   | 1.0  | 0.6  | 1.0   | 0.2   | 0.0  |
| 4.7  | 3.9   | 4.8  | 5.1  | 4.6   | 7.9   | 7.6  |
| 6.2  | 6.0   | 6.1  | 5.8  | 6.2   | 4.9   | 5.0  |
| 4.5  | 5.2   | 6.1  | 4.9  | 6.5   | 2.8   | 7.0  |
| 7.0  | 17.2  | 21.4 | 23.0 | 20.7  | 17.8  | 21.2 |
| 3.0  | 3.9   | 5.0  | 3.7  | 4.5   | 4.5   | 4.6  |
| 2.3  | 2.1   | 2.3  | 3.0  | 3.0   | 2.3   | 2.1  |
| 0.1  | 0.0   | 0.3  | 0.4  | 0.0   | 0.4   | 0.0  |
| 2.4  | 3.0   | 2.2  | 2.5  | 3.0   | 3.1   | 0.6  |
| 0.0  | 0.0   | 0.1  | 0.1  | 0.0   | 0.1   | 0.0  |
| 1.9  | 2.7   | 3.8  | 4.6  | 3.0   | 4.3   | 2.1  |
| 0.0  | 0.0   | 0.1  | 0.0  | 0.1   | 0.0   | 0.0  |
| 0.0  | 0.0   | 0.1  | 0.0  | 0.0   | 0.0   | 0.0  |
| 0.6  | 0.7   | 0.6  | 0.7  | 0.4   | 1.2   | 1.0  |
| 0.0  | 0.0   | 0.1  | 0.1  | 0.0   | 0.1   | 0.0  |
| 0.0  | 0.0   | 0.1  | 0.1  | 0.1   | 0.1   | 0.0  |
| 9.5  | 10.0  | 7.6  | 7.3  | 11.4  | 9.3   | 4.4  |
| 14.4 | 18.3  | 14.6 | 14.7 | 17.7  | 19.6  | 8.6  |
| 0.2  | 0.2   | 0.9  | 0.4  | 0.6   | 1.1   | 0.6  |
| 0.1  | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   | 0.0  |
| 0.5  | 1.1   | 1.5  | 1.6  | 1.2   | 1.0   | 3.7  |
| 96.6 | 116.6 | 74.6 | 79.2 | 129.0 | 121.1 | 30.3 |
| 0.0  | 0.0   | 0.0  | 0.2  | 0.0   | 0.0   | 0.0  |
| 0.0  | 0.0   | 0.3  | 0.3  | 0.0   | 0.3   | 0.0  |
| 0.0  | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   | 0.0  |
| 1.6  | 2.7   | 2.9  | 3.6  | 2.3   | 3.0   | 4.0  |
| 2.3  | 3.6   | 5.0  | 4.5  | 3.4   | 3.7   | 1.8  |
| 0.0  | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   | 0.0  |
| 0.1  | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   | 0.0  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 1.4   | 1.7   | 0.8   | 0.6   | 0.7   | 1.7   | 0.1   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.5   | 1.1   | 0.5   | 0.7   | 1.3   | 1.4   | 0.1   |
| 3.0   | 3.0   | 3.8   | 3.6   | 3.7   | 3.7   | 4.6   |
| 14.5  | 11.0  | 11.1  | 13.1  | 16.4  | 14.4  | 15.6  |
| 0.4   | 0.3   | 0.4   | 0.7   | 0.7   | 1.1   | 0.0   |
| 0.8   | 1.0   | 1.0   | 0.9   | 1.1   | 1.2   | 0.5   |
| 5.8   | 6.5   | 7.8   | 7.5   | 9.1   | 7.7   | 6.8   |
| 2.7   | 2.1   | 2.4   | 2.6   | 2.8   | 4.0   | 2.2   |
| 0.0   | 0.1   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.0   |
| 12.7  | 9.1   | 10.7  | 13.3  | 16.7  | 10.3  | 1.6   |
| 0.5   | 0.5   | 0.9   | 0.3   | 0.3   | 1.0   | 0.6   |
| 0.0   | 0.1   | 0.2   | 0.3   | 0.0   | 0.1   | 0.0   |
| 2.2   | 2.2   | 2.4   | 2.1   | 2.6   | 2.2   | 1.9   |
| 0.1   | 0.4   | 0.7   | 0.6   | 0.4   | 0.5   | 0.0   |
| 13.7  | 14.6  | 11.3  | 12.3  | 18.5  | 15.2  | 8.2   |
| 0.3   | 0.2   | 0.5   | 0.3   | 0.2   | 0.3   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   |
| 4.0   | 6.4   | 5.5   | 5.2   | 9.7   | 7.0   | 8.1   |
| 0.8   | 1.0   | 0.4   | 0.4   | 0.8   | 1.5   | 0.2   |
| 0.8   | 2.0   | 3.1   | 2.0   | 1.4   | 2.0   | 1.6   |
| 1.5   | 2.7   | 3.1   | 3.4   | 2.5   | 3.7   | 4.0   |
| 12.0  | 17.3  | 17.4  | 19.9  | 13.0  | 17.0  | 18.2  |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.4   | 0.0   | 0.0   |
| 1.5   | 1.6   | 1.1   | 1.0   | 2.6   | 1.6   | 0.0   |
| 69.3  | 83.1  | 91.1  | 73.1  | 97.3  | 91.8  | 91.2  |
| 163.4 | 181.9 | 171.7 | 169.3 | 186.7 | 171.4 | 224.9 |
| 86.3  | 93.9  | 72.2  | 82.3  | 103.2 | 90.7  | 28.6  |
| 193.2 | 209.0 | 174.8 | 242.8 | 208.2 | 211.9 | 297.9 |
| 0.0   | 0.0   | 0.8   | 1.1   | 0.3   | 2.0   | 0.0   |
| 1.8   | 2.5   | 2.9   | 2.5   | 2.7   | 3.5   | 2.8   |
| 0.0   | 0.0   | 0.0   | 0.2   | 0.0   | 0.2   | 0.0   |
| 0.1   | 0.0   | 0.2   | 0.2   | 0.1   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.7   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 3.0   | 3.1   | 3.7   | 2.9   | 3.3   | 4.8   | 3.8   |
| 12.9  | 16.3  | 14.0  | 12.7  | 20.7  | 19.5  | 9.9   |
| 4.9   | 4.5   | 4.9   | 6.2   | 9.1   | 8.4   | 2.3   |
| 5.9   | 7.4   | 6.2   | 6.0   | 6.8   | 8.1   | 4.4   |
| 8.8   | 11.3  | 10.9  | 10.6  | 13.4  | 13.6  | 17.7  |
| 7.1   | 10.7  | 11.0  | 12.7  | 13.3  | 13.1  | 13.9  |
| 0.0   | 0.0   | 0.3   | 0.0   | 0.1   | 0.3   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 2.0   | 2.4   | 2.4   | 2.7   | 3.0   | 3.2   | 2.5   |
| 0.1   | 0.1   | 0.1   | 0.2   | 0.1   | 0.2   | 0.0   |
| 0.1   | 0.0   | 0.2   | 0.1   | 0.0   | 0.1   | 0.0   |

|      |      |      |      |      |       |      |
|------|------|------|------|------|-------|------|
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1   | 0.0  |
| 3.7  | 3.5  | 2.2  | 2.0  | 5.3  | 4.4   | 0.9  |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.0  | 0.0   | 0.1  |
| 5.6  | 7.3  | 6.4  | 6.2  | 8.3  | 8.5   | 5.4  |
| 0.4  | 0.2  | 1.1  | 0.6  | 0.4  | 0.9   | 1.4  |
| 0.1  | 0.0  | 0.2  | 0.2  | 0.0  | 0.3   | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.3  | 0.0  | 0.0   | 0.0  |
| 0.0  | 0.0  | 0.5  | 0.2  | 0.1  | 0.0   | 0.4  |
| 3.7  | 4.5  | 4.8  | 6.1  | 3.9  | 4.6   | 4.4  |
| 0.1  | 0.0  | 0.0  | 0.4  | 0.0  | 0.5   | 0.0  |
| 20.4 | 19.3 | 18.0 | 23.5 | 26.5 | 24.6  | 31.8 |
| 40.2 | 49.1 | 38.6 | 45.1 | 50.8 | 43.1  | 46.5 |
| 46.6 | 62.2 | 19.5 | 20.2 | 24.3 | 71.8  | 35.0 |
| 1.2  | 3.5  | 4.8  | 5.0  | 4.0  | 5.0   | 1.4  |
| 0.7  | 1.2  | 1.3  | 1.3  | 1.7  | 1.5   | 0.2  |
| 7.3  | 9.4  | 9.6  | 10.2 | 11.9 | 14.0  | 14.7 |
| 22.9 | 26.0 | 36.3 | 39.3 | 32.7 | 30.2  | 33.9 |
| 1.2  | 1.2  | 0.9  | 1.5  | 1.0  | 1.6   | 3.7  |
| 1.8  | 2.6  | 3.6  | 2.9  | 3.0  | 2.1   | 1.4  |
| 0.0  | 0.1  | 0.4  | 0.1  | 0.0  | 0.2   | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.5   | 0.0  |
| 0.6  | 0.6  | 1.1  | 1.1  | 0.2  | 0.9   | 0.0  |
| 5.2  | 6.6  | 8.5  | 8.6  | 8.8  | 7.1   | 6.8  |
| 1.1  | 1.2  | 1.1  | 1.5  | 1.2  | 2.5   | 0.2  |
| 0.3  | 0.5  | 1.9  | 1.6  | 1.0  | 1.5   | 0.0  |
| 0.1  | 0.2  | 0.1  | 0.1  | 0.2  | 0.1   | 0.3  |
| 0.6  | 1.0  | 2.8  | 2.1  | 1.2  | 1.7   | 1.6  |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.2   | 0.0  |
| 0.0  | 0.1  | 0.3  | 0.1  | 0.2  | 0.3   | 0.0  |
| 1.3  | 1.1  | 1.2  | 0.9  | 0.8  | 2.1   | 0.8  |
| 4.2  | 6.2  | 8.4  | 6.0  | 6.0  | 7.2   | 3.8  |
| 0.0  | 0.0  | 0.0  | 0.8  | 0.3  | 0.1   | 0.0  |
| 0.4  | 0.8  | 1.8  | 0.6  | 0.5  | 1.2   | 0.0  |
| 0.1  | 0.0  | 0.6  | 0.7  | 0.3  | 0.4   | 0.0  |
| 4.9  | 6.3  | 6.8  | 7.8  | 4.7  | 5.8   | 8.9  |
| 41.0 | 44.4 | 42.0 | 43.0 | 63.9 | 51.7  | 46.1 |
| 0.0  | 0.0  | 0.3  | 0.3  | 0.0  | 0.0   | 0.0  |
| 0.6  | 0.6  | 0.6  | 0.6  | 0.5  | 0.6   | 0.5  |
| 0.7  | 0.2  | 1.7  | 2.0  | 0.8  | 1.3   | 0.0  |
| 82.9 | 30.4 | 54.2 | 19.9 | 65.3 | 107.5 | 0.0  |
| 15.4 | 13.5 | 14.1 | 23.7 | 19.0 | 14.8  | 19.9 |
| 0.0  | 0.0  | 0.4  | 0.5  | 0.1  | 0.3   | 0.0  |
| 0.1  | 0.0  | 0.3  | 0.1  | 0.0  | 0.0   | 0.0  |
| 0.5  | 0.8  | 1.3  | 0.9  | 1.1  | 1.3   | 0.8  |
| 0.1  | 0.5  | 1.5  | 0.6  | 0.3  | 0.4   | 0.0  |
| 0.4  | 0.2  | 1.1  | 0.7  | 0.3  | 0.6   | 0.0  |
| 11.5 | 14.0 | 10.7 | 12.3 | 15.1 | 12.9  | 10.6 |

|       |      |       |       |       |       |       |
|-------|------|-------|-------|-------|-------|-------|
| 15.1  | 23.8 | 35.4  | 35.1  | 26.6  | 40.7  | 7.3   |
| 0.9   | 0.6  | 0.4   | 0.5   | 1.2   | 1.7   | 0.3   |
| 3.2   | 4.2  | 3.9   | 4.3   | 4.9   | 5.6   | 1.0   |
| 0.0   | 0.0  | 0.1   | 0.1   | 0.1   | 0.5   | 0.0   |
| 0.0   | 0.1  | 0.0   | 0.4   | 0.0   | 0.2   | 0.1   |
| 0.3   | 0.2  | 0.7   | 0.3   | 0.1   | 0.2   | 0.4   |
| 33.8  | 44.2 | 48.9  | 55.4  | 44.4  | 41.2  | 37.4  |
| 113.2 | 98.8 | 109.0 | 138.3 | 138.0 | 106.2 | 159.4 |
| 0.0   | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.2  | 0.2   | 0.7   | 0.0   | 0.0   | 0.0   |
| 5.3   | 4.7  | 4.2   | 4.3   | 4.4   | 5.5   | 7.7   |
| 0.0   | 0.1  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0  | 0.5   | 0.4   | 0.1   | 0.6   | 0.0   |
| 0.2   | 0.1  | 0.5   | 0.1   | 0.0   | 0.4   | 0.0   |
| 2.6   | 3.1  | 4.4   | 4.0   | 5.5   | 3.8   | 1.7   |
| 0.0   | 0.2  | 1.6   | 0.4   | 0.4   | 0.0   | 0.0   |
| 2.7   | 3.1  | 3.4   | 3.4   | 3.9   | 4.2   | 2.4   |
| 0.0   | 0.2  | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.1   | 0.1  | 0.2   | 0.2   | 0.0   | 0.1   | 0.0   |
| 0.1   | 0.2  | 0.3   | 0.3   | 0.3   | 0.4   | 0.2   |
| 5.7   | 6.4  | 6.1   | 6.7   | 6.9   | 8.2   | 6.8   |
| 0.0   | 0.1  | 0.4   | 0.4   | 0.2   | 0.3   | 0.0   |
| 0.2   | 0.2  | 0.4   | 0.2   | 0.5   | 0.5   | 0.0   |
| 0.3   | 1.0  | 1.4   | 1.5   | 0.6   | 1.8   | 0.1   |
| 21.4  | 18.6 | 24.4  | 30.4  | 25.5  | 27.6  | 44.5  |
| 0.2   | 0.4  | 0.8   | 0.8   | 0.3   | 0.5   | 0.1   |
| 0.7   | 0.7  | 0.5   | 0.5   | 0.8   | 0.9   | 0.2   |
| 37.2  | 57.7 | 50.6  | 59.6  | 56.2  | 50.4  | 62.9  |
| 5.8   | 9.0  | 8.9   | 9.5   | 6.4   | 13.7  | 6.4   |
| 79.9  | 91.2 | 91.7  | 99.5  | 81.5  | 73.8  | 85.8  |
| 38.9  | 44.6 | 42.3  | 40.7  | 41.7  | 46.8  | 31.2  |
| 5.4   | 7.2  | 7.5   | 7.2   | 8.3   | 8.8   | 4.8   |
| 23.6  | 30.0 | 46.3  | 47.3  | 34.2  | 37.2  | 28.5  |
| 5.0   | 5.8  | 3.5   | 4.5   | 5.6   | 6.3   | 4.2   |
| 13.6  | 17.0 | 17.0  | 17.7  | 17.0  | 15.6  | 14.7  |
| 2.2   | 3.0  | 3.5   | 4.0   | 3.1   | 2.6   | 2.3   |
| 0.1   | 0.1  | 0.1   | 0.2   | 0.1   | 0.1   | 0.0   |
| 0.3   | 0.6  | 0.5   | 0.5   | 0.5   | 0.2   | 0.0   |
| 0.0   | 0.0  | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.0   | 1.2  | 1.3   | 1.5   | 1.2   | 1.6   | 1.3   |
| 35.3  | 42.5 | 39.2  | 40.9  | 39.7  | 42.0  | 34.5  |
| 1.4   | 2.1  | 2.0   | 1.7   | 2.3   | 2.4   | 0.9   |
| 0.0   | 0.1  | 0.1   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0  | 0.2   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.3   | 0.3  | 0.6   | 0.6   | 0.4   | 0.9   | 0.1   |
| 4.7   | 6.3  | 4.6   | 4.4   | 5.8   | 5.6   | 4.3   |
| 2.1   | 1.9  | 2.5   | 2.7   | 2.4   | 1.8   | 2.6   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 30.2 | 31.1 | 30.9 | 30.7 | 37.6 | 34.8 | 22.9 |
| 0.5  | 0.5  | 0.5  | 0.5  | 0.8  | 0.7  | 0.5  |
| 0.1  | 0.0  | 0.5  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.3  | 0.0  | 0.1  | 0.0  |
| 0.7  | 0.9  | 0.9  | 1.0  | 1.5  | 0.9  | 0.3  |
| 1.5  | 1.7  | 1.6  | 1.5  | 1.6  | 1.7  | 2.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  |
| 19.7 | 52.6 | 47.3 | 52.0 | 42.1 | 43.4 | 35.8 |
| 0.9  | 0.7  | 1.8  | 1.4  | 1.0  | 1.2  | 1.0  |
| 0.6  | 0.6  | 0.7  | 0.9  | 0.7  | 0.9  | 0.7  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.7  | 2.6  | 3.0  | 3.3  | 2.5  | 2.8  | 2.5  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.4  | 0.7  | 0.9  | 0.9  | 0.7  | 1.2  | 0.4  |
| 0.0  | 0.1  | 0.9  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.8  | 1.7  | 3.1  | 3.3  | 2.5  | 2.7  | 2.0  |
| 1.4  | 1.7  | 1.4  | 1.4  | 1.9  | 1.8  | 0.8  |
| 19.4 | 20.1 | 17.7 | 16.7 | 13.5 | 21.6 | 24.9 |
| 0.1  | 0.2  | 0.3  | 0.2  | 0.2  | 0.3  | 0.0  |
| 1.4  | 3.0  | 3.6  | 3.1  | 2.7  | 3.5  | 2.7  |
| 0.2  | 0.4  | 0.3  | 0.7  | 0.3  | 0.3  | 0.2  |
| 0.5  | 0.7  | 0.6  | 0.5  | 1.0  | 1.6  | 0.7  |
| 1.5  | 1.8  | 3.3  | 2.8  | 2.6  | 1.3  | 1.5  |
| 3.0  | 4.2  | 4.6  | 7.0  | 4.4  | 4.1  | 4.4  |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  |
| 0.5  | 0.5  | 0.5  | 0.4  | 0.6  | 0.7  | 0.0  |
| 12.1 | 25.2 | 32.1 | 31.0 | 19.2 | 26.7 | 21.9 |
| 26.9 | 18.1 | 26.5 | 34.5 | 29.6 | 28.6 | 41.3 |
| 7.8  | 8.1  | 5.8  | 5.8  | 6.3  | 9.3  | 8.6  |
| 0.7  | 1.1  | 1.1  | 1.3  | 1.3  | 1.7  | 2.0  |
| 15.0 | 34.6 | 29.6 | 36.0 | 25.9 | 32.5 | 32.4 |
| 2.3  | 2.9  | 2.8  | 2.9  | 3.2  | 2.2  | 1.1  |
| 0.5  | 0.6  | 1.2  | 1.2  | 1.0  | 0.8  | 1.4  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.3  | 0.6  | 1.0  | 0.2  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.1  | 0.0  | 0.2  | 0.0  |
| 4.4  | 6.4  | 5.9  | 6.2  | 6.6  | 6.5  | 6.1  |
| 0.1  | 0.1  | 0.5  | 0.6  | 0.2  | 0.4  | 0.0  |
| 0.5  | 0.6  | 0.7  | 0.6  | 0.8  | 0.9  | 0.4  |
| 28.2 | 11.4 | 12.6 | 17.1 | 16.4 | 19.6 | 74.0 |
| 1.1  | 0.9  | 2.0  | 1.8  | 1.5  | 1.1  | 1.3  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  |
| 4.1  | 3.5  | 4.3  | 4.7  | 5.5  | 5.5  | 6.0  |
| 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.6  | 1.4  | 2.5  | 2.5  | 1.6  | 2.4  | 1.0  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.2  | 0.0  |

|      |       |      |       |      |      |      |
|------|-------|------|-------|------|------|------|
| 1.1  | 0.8   | 1.0  | 1.3   | 1.5  | 0.8  | 1.1  |
| 6.7  | 6.2   | 7.2  | 7.6   | 8.2  | 6.9  | 8.1  |
| 0.2  | 0.4   | 0.5  | 1.0   | 0.1  | 0.5  | 1.2  |
| 0.2  | 0.0   | 0.5  | 0.9   | 0.3  | 0.0  | 0.0  |
| 1.1  | 0.5   | 0.9  | 1.3   | 1.0  | 1.3  | 1.4  |
| 65.9 | 104.2 | 99.7 | 107.2 | 96.6 | 77.5 | 97.1 |
| 0.2  | 0.3   | 0.5  | 0.5   | 0.3  | 0.6  | 0.8  |
| 0.4  | 0.5   | 1.1  | 0.9   | 0.7  | 0.9  | 0.4  |
| 0.4  | 0.3   | 1.2  | 0.8   | 0.4  | 0.4  | 0.5  |
| 0.2  | 0.3   | 0.5  | 0.3   | 0.0  | 0.4  | 0.7  |
| 2.3  | 2.4   | 2.7  | 3.6   | 3.2  | 3.6  | 3.7  |
| 0.0  | 0.0   | 0.2  | 0.2   | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.1   | 0.2  | 0.5   | 0.1  | 0.7  | 0.0  |
| 4.1  | 3.9   | 3.4  | 3.0   | 6.2  | 5.7  | 0.3  |
| 3.7  | 5.9   | 6.9  | 7.9   | 7.0  | 9.3  | 7.6  |
| 0.0  | 0.0   | 0.1  | 0.1   | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0   | 0.4  | 0.4   | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0   | 0.2  | 0.2   | 0.1  | 0.2  | 0.0  |
| 2.2  | 2.8   | 3.9  | 3.9   | 3.5  | 4.0  | 2.0  |
| 1.7  | 4.4   | 7.0  | 7.4   | 3.9  | 6.3  | 1.8  |
| 0.0  | 0.0   | 0.0  | 0.1   | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.2   | 0.1  | 0.0   | 0.1  | 0.8  | 0.0  |
| 0.0  | 0.0   | 0.3  | 0.1   | 0.3  | 0.0  | 0.0  |
| 0.0  | 0.0   | 0.1  | 0.1   | 0.2  | 0.0  | 0.0  |
| 3.1  | 3.4   | 2.5  | 2.1   | 4.0  | 4.2  | 2.9  |
| 0.0  | 0.0   | 0.1  | 0.0   | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.5   | 1.0  | 1.1   | 0.6  | 1.1  | 0.2  |
| 1.9  | 2.6   | 3.9  | 3.7   | 2.3  | 3.4  | 1.3  |
| 0.0  | 0.0   | 0.0  | 0.7   | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.3   | 0.7  | 0.5   | 0.2  | 0.4  | 0.2  |
| 1.9  | 2.6   | 1.4  | 2.5   | 1.3  | 2.6  | 0.3  |
| 2.3  | 2.2   | 2.3  | 4.0   | 1.5  | 2.5  | 2.0  |
| 3.9  | 3.5   | 2.2  | 2.3   | 3.6  | 4.6  | 2.0  |
| 4.9  | 4.2   | 7.3  | 9.3   | 6.3  | 7.0  | 10.7 |
| 0.1  | 0.0   | 0.2  | 0.1   | 0.0  | 0.0  | 0.0  |
| 3.6  | 3.3   | 5.9  | 6.8   | 5.8  | 5.4  | 4.8  |
| 2.6  | 2.4   | 2.5  | 3.1   | 2.9  | 3.0  | 2.5  |
| 0.3  | 0.4   | 1.1  | 1.1   | 0.6  | 0.9  | 1.0  |
| 0.5  | 1.1   | 1.1  | 0.9   | 0.5  | 1.2  | 0.9  |
| 0.7  | 1.1   | 1.2  | 1.3   | 1.4  | 1.1  | 0.6  |
| 0.3  | 0.5   | 0.5  | 1.2   | 0.3  | 0.5  | 0.1  |
| 2.3  | 2.0   | 2.4  | 2.6   | 2.1  | 1.7  | 3.7  |
| 0.2  | 0.2   | 0.3  | 0.4   | 0.3  | 0.1  | 0.5  |
| 5.6  | 5.2   | 6.7  | 7.3   | 6.9  | 5.9  | 8.7  |
| 0.0  | 0.0   | 0.1  | 0.2   | 0.0  | 0.0  | 0.0  |
| 0.7  | 1.2   | 0.5  | 0.9   | 0.8  | 0.0  | 3.1  |
| 0.1  | 0.1   | 0.0  | 0.3   | 0.0  | 0.3  | 0.0  |



|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 1.1   | 1.5   | 3.0   | 3.2   | 2.1   | 3.0   | 2.7   |
| 0.8   | 2.0   | 3.3   | 3.4   | 1.9   | 3.2   | 0.4   |
| 0.1   | 0.1   | 0.2   | 0.3   | 0.3   | 0.3   | 0.0   |
| 0.1   | 0.0   | 0.4   | 0.1   | 0.1   | 0.4   | 0.0   |
| 0.0   | 0.1   | 0.3   | 0.2   | 0.1   | 0.1   | 0.0   |
| 207.1 | 225.4 | 222.5 | 245.3 | 210.8 | 237.7 | 398.2 |
| 0.3   | 0.3   | 1.2   | 0.9   | 0.7   | 0.4   | 0.0   |
| 0.0   | 0.1   | 0.0   | 0.2   | 0.1   | 0.0   | 0.0   |
| 0.1   | 0.1   | 0.7   | 0.3   | 0.2   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.1   | 0.0   |
| 0.1   | 0.0   | 0.5   | 0.7   | 0.1   | 0.1   | 0.0   |
| 1.7   | 4.0   | 2.4   | 1.6   | 2.7   | 4.7   | 5.8   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.1   | 0.2   | 0.2   | 0.3   | 0.3   | 0.2   |
| 0.6   | 0.6   | 0.7   | 1.3   | 0.8   | 0.4   | 1.3   |
| 3.7   | 4.1   | 9.3   | 10.8  | 6.9   | 6.3   | 5.8   |
| 0.0   | 0.0   | 0.3   | 0.1   | 0.0   | 0.2   | 0.0   |
| 9.5   | 9.4   | 9.5   | 9.1   | 12.8  | 10.9  | 11.1  |
| 1.9   | 3.6   | 4.4   | 3.9   | 3.0   | 3.9   | 2.2   |
| 0.7   | 0.8   | 1.5   | 1.3   | 0.7   | 0.6   | 1.8   |
| 0.4   | 0.3   | 0.1   | 0.5   | 0.6   | 1.5   | 0.7   |
| 0.8   | 2.2   | 1.7   | 2.2   | 1.1   | 2.4   | 0.1   |
| 1.2   | 1.4   | 1.8   | 1.9   | 2.3   | 1.3   | 2.3   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 20.4  | 25.7  | 32.5  | 37.2  | 28.9  | 33.1  | 29.3  |
| 0.1   | 0.1   | 0.7   | 0.5   | 0.1   | 0.6   | 0.0   |
| 0.1   | 0.2   | 0.2   | 0.2   | 0.2   | 0.1   | 0.0   |
| 0.1   | 0.0   | 0.2   | 0.3   | 0.1   | 0.0   | 0.0   |
| 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.1   |
| 0.1   | 0.2   | 0.3   | 0.4   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.2   | 0.1   | 0.0   | 0.0   |
| 0.0   | 0.3   | 0.3   | 1.3   | 0.2   | 0.6   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   |
| 0.1   | 0.0   | 0.2   | 0.3   | 0.1   | 0.2   | 0.0   |
| 0.2   | 0.6   | 0.4   | 0.3   | 0.1   | 0.6   | 0.0   |
| 0.9   | 0.3   | 1.2   | 0.3   | 3.9   | 0.0   | 0.0   |
| 1.7   | 0.6   | 1.4   | 1.1   | 1.7   | 1.5   | 3.4   |
| 0.2   | 0.2   | 0.4   | 0.3   | 0.3   | 0.5   | 0.0   |
| 2.5   | 2.9   | 21.6  | 7.4   | 7.1   | 10.5  | 0.4   |
| 1.6   | 2.9   | 12.9  | 7.2   | 3.5   | 4.4   | 2.7   |
| 3.4   | 2.9   | 18.3  | 10.3  | 7.1   | 10.5  | 0.9   |
| 2.6   | 2.0   | 27.1  | 9.3   | 1.6   | 11.4  | 0.0   |
| 1.0   | 0.4   | 0.7   | 1.1   | 1.4   | 0.9   | 0.7   |
| 0.0   | 0.1   | 0.0   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.3   | 0.0   | 0.0   |
| 0.2   | 0.1   | 0.2   | 0.1   | 0.1   | 0.4   | 0.0   |
| 0.2   | 0.3   | 0.0   | 1.1   | 0.0   | 0.6   | 0.0   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.1  | 0.1  | 0.2  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.2  | 0.1  | 0.1  | 0.3  | 0.2  | 0.0  |
| 0.2  | 0.0  | 1.0  | 0.5  | 0.2  | 0.2  | 0.0  |
| 0.1  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.3  | 0.4  | 1.0  | 0.9  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.3  | 0.1  | 0.0  | 0.0  | 0.0  |
| 1.4  | 0.5  | 5.7  | 4.0  | 1.3  | 2.8  | 5.6  |
| 0.7  | 1.6  | 1.3  | 2.8  | 2.1  | 1.3  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.2  | 0.3  | 0.5  | 0.6  | 0.6  | 0.2  |
| 0.2  | 0.3  | 1.2  | 0.5  | 0.6  | 0.0  | 0.0  |
| 0.4  | 0.3  | 0.6  | 1.0  | 0.7  | 0.6  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  |
| 2.4  | 3.5  | 12.9 | 14.8 | 4.4  | 24.4 | 0.7  |
| 1.3  | 1.5  | 1.1  | 1.2  | 1.6  | 0.8  | 1.8  |
| 0.2  | 0.0  | 0.5  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.6  | 0.0  | 0.0  | 0.3  | 0.0  |
| 0.9  | 0.9  | 1.2  | 1.7  | 1.0  | 1.8  | 1.5  |
| 0.2  | 0.8  | 1.5  | 0.2  | 0.0  | 0.6  | 1.2  |
| 0.0  | 1.8  | 0.0  | 0.0  | 4.1  | 1.6  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.1  | 2.1  | 2.1  | 0.9  | 0.4  | 0.0  |
| 0.2  | 0.5  | 1.8  | 0.8  | 0.6  | 0.4  | 0.0  |
| 0.0  | 1.1  | 0.0  | 0.7  | 0.6  | 5.5  | 0.0  |
| 0.4  | 0.6  | 0.7  | 0.7  | 0.9  | 0.9  | 0.3  |
| 6.2  | 9.8  | 8.8  | 10.7 | 8.6  | 9.7  | 9.6  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3.2  | 4.1  | 7.7  | 10.0 | 4.5  | 6.5  | 3.2  |
| 0.2  | 0.2  | 0.3  | 0.4  | 0.1  | 0.3  | 0.0  |
| 1.1  | 1.6  | 2.4  | 2.6  | 1.7  | 2.4  | 1.1  |
| 0.3  | 0.2  | 0.4  | 0.5  | 0.6  | 0.1  | 0.2  |
| 3.2  | 3.2  | 3.3  | 3.9  | 3.2  | 3.4  | 4.3  |
| 0.2  | 0.4  | 0.5  | 0.4  | 0.2  | 0.4  | 0.0  |
| 4.2  | 5.7  | 3.4  | 3.9  | 6.1  | 6.2  | 2.7  |
| 36.7 | 49.7 | 54.4 | 59.8 | 41.8 | 58.5 | 37.1 |
| 2.7  | 3.5  | 1.7  | 1.4  | 1.8  | 5.2  | 1.2  |
| 7.3  | 7.1  | 5.3  | 6.0  | 7.8  | 8.9  | 3.8  |
| 2.1  | 1.4  | 2.7  | 2.0  | 2.4  | 2.0  | 4.0  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.3   | 0.2   | 0.3   | 0.2   | 0.2   | 0.2   | 0.0   |
| 2.3   | 3.4   | 2.5   | 2.6   | 2.9   | 3.6   | 0.9   |
| 12.5  | 14.2  | 15.2  | 17.2  | 16.1  | 17.9  | 12.2  |
| 7.9   | 11.3  | 9.5   | 12.9  | 10.0  | 8.7   | 10.0  |
| 0.0   | 0.0   | 0.1   | 0.2   | 0.0   | 0.2   | 0.0   |
| 2.9   | 3.7   | 3.8   | 4.7   | 3.0   | 2.7   | 3.9   |
| 1.0   | 1.3   | 0.6   | 0.7   | 1.8   | 1.2   | 0.9   |
| 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.8   | 1.5   | 2.5   | 2.6   | 2.0   | 2.1   | 3.4   |
| 2.9   | 3.5   | 2.4   | 4.1   | 3.9   | 1.2   | 5.8   |
| 3.5   | 3.7   | 3.8   | 3.0   | 4.1   | 2.8   | 2.8   |
| 1.1   | 1.1   | 1.5   | 0.7   | 1.1   | 1.2   | 4.5   |
| 0.0   | 0.2   | 0.1   | 0.0   | 0.0   | 0.2   | 0.0   |
| 0.2   | 0.1   | 0.7   | 0.8   | 0.3   | 0.4   | 0.0   |
| 0.4   | 0.4   | 2.1   | 1.5   | 0.6   | 1.3   | 3.1   |
| 0.2   | 0.0   | 0.0   | 0.1   | 0.3   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.8   | 0.9   | 1.3   | 1.3   | 1.6   | 0.7   | 0.4   |
| 0.8   | 1.2   | 2.7   | 3.2   | 1.4   | 3.1   | 1.9   |
| 0.0   | 0.0   | 0.2   | 0.2   | 0.1   | 0.0   | 0.0   |
| 2.4   | 2.3   | 4.5   | 4.1   | 3.4   | 3.1   | 2.5   |
| 1.4   | 1.5   | 2.5   | 1.9   | 1.9   | 2.2   | 3.6   |
| 37.5  | 44.6  | 43.8  | 47.6  | 39.5  | 38.4  | 37.5  |
| 0.7   | 0.4   | 0.4   | 0.3   | 0.8   | 0.8   | 0.1   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.2   | 0.1   | 0.0   |
| 1.4   | 1.5   | 1.1   | 1.1   | 1.8   | 1.3   | 0.9   |
| 0.8   | 1.2   | 1.4   | 1.1   | 1.0   | 2.6   | 0.4   |
| 1.0   | 0.8   | 1.0   | 1.1   | 1.1   | 1.1   | 0.7   |
| 0.0   | 0.1   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.1   | 0.0   | 0.0   | 0.3   | 0.2   | 0.0   |
| 0.4   | 0.6   | 1.7   | 1.7   | 0.5   | 0.8   | 0.0   |
| 0.2   | 0.3   | 0.9   | 1.2   | 0.5   | 0.8   | 0.1   |
| 2.4   | 2.7   | 2.1   | 3.0   | 2.7   | 2.5   | 4.3   |
| 0.0   | 0.1   | 0.5   | 0.3   | 0.1   | 0.8   | 0.0   |
| 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.0   |
| 1.2   | 1.4   | 0.6   | 0.5   | 1.3   | 1.5   | 0.3   |
| 9.1   | 8.8   | 11.0  | 13.1  | 10.9  | 9.0   | 8.2   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.2   | 0.0   |
| 2.2   | 3.0   | 2.9   | 3.7   | 4.0   | 4.3   | 0.7   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 192.1 | 130.7 | 116.6 | 151.3 | 190.3 | 194.6 | 562.2 |
| 2.1   | 2.3   | 1.6   | 1.6   | 2.7   | 2.8   | 1.6   |
| 2.1   | 2.8   | 1.8   | 2.4   | 2.6   | 2.6   | 1.4   |
| 2.4   | 2.3   | 2.2   | 2.0   | 3.1   | 2.8   | 0.6   |
| 2.9   | 3.9   | 5.5   | 4.6   | 4.6   | 5.0   | 2.1   |
| 2.0   | 2.8   | 2.2   | 1.9   | 3.1   | 2.8   | 0.9   |
| 1.9   | 2.3   | 1.5   | 2.4   | 2.4   | 1.1   | 6.0   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.1  | 0.2  | 0.1  | 0.3  | 0.0  | 0.1  | 0.0  |
| 2.7  | 2.6  | 2.4  | 2.3  | 2.4  | 3.1  | 3.1  |
| 8.5  | 8.6  | 6.4  | 7.2  | 11.9 | 9.6  | 0.9  |
| 1.7  | 1.6  | 3.6  | 3.6  | 2.4  | 1.7  | 6.3  |
| 5.7  | 4.9  | 5.6  | 6.4  | 6.3  | 6.3  | 6.4  |
| 0.1  | 0.2  | 0.3  | 0.3  | 0.2  | 0.5  | 0.3  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  |
| 1.3  | 1.9  | 2.0  | 2.1  | 1.5  | 1.0  | 1.1  |
| 0.1  | 0.0  | 0.0  | 0.0  | 0.1  | 0.3  | 0.0  |
| 0.2  | 0.1  | 0.2  | 0.2  | 0.2  | 0.2  | 0.0  |
| 0.3  | 0.4  | 0.7  | 0.4  | 0.2  | 0.6  | 0.2  |
| 2.2  | 2.1  | 1.7  | 1.7  | 1.7  | 3.1  | 2.2  |
| 4.4  | 3.9  | 5.2  | 3.6  | 4.6  | 5.7  | 3.0  |
| 8.2  | 5.9  | 8.7  | 9.8  | 8.9  | 8.6  | 12.8 |
| 7.6  | 8.2  | 7.2  | 7.2  | 7.0  | 7.9  | 8.2  |
| 6.7  | 6.1  | 5.8  | 6.1  | 5.3  | 5.8  | 4.6  |
| 21.1 | 23.8 | 26.1 | 28.9 | 26.9 | 24.6 | 22.5 |
| 0.2  | 0.6  | 0.7  | 1.1  | 0.8  | 0.8  | 0.6  |
| 0.1  | 0.1  | 0.3  | 0.3  | 0.1  | 0.3  | 0.6  |
| 0.6  | 0.6  | 0.7  | 0.5  | 1.1  | 0.9  | 0.2  |
| 0.7  | 0.8  | 1.0  | 1.0  | 1.1  | 0.9  | 3.4  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.8  | 1.1  | 0.2  | 1.1  | 0.0  |
| 0.2  | 2.1  | 6.0  | 3.5  | 1.5  | 3.7  | 0.8  |
| 0.0  | 0.1  | 0.5  | 0.3  | 0.1  | 0.1  | 0.0  |
| 0.1  | 0.2  | 0.5  | 0.5  | 0.1  | 0.7  | 0.1  |
| 0.1  | 0.3  | 0.4  | 0.4  | 0.4  | 0.4  | 0.0  |
| 0.9  | 1.1  | 1.0  | 1.0  | 0.8  | 1.3  | 0.0  |
| 0.1  | 0.3  | 0.2  | 0.3  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.3  | 0.4  | 0.2  | 0.0  |
| 0.0  | 0.3  | 0.3  | 0.4  | 0.0  | 0.0  | 0.8  |
| 0.3  | 0.3  | 0.6  | 0.3  | 0.4  | 0.6  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.1  | 0.1  | 0.0  |
| 3.5  | 5.5  | 4.4  | 5.2  | 4.9  | 5.4  | 4.3  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.9  | 2.0  | 2.4  | 2.3  | 2.5  | 2.4  | 2.6  |
| 0.1  | 0.2  | 1.4  | 0.3  | 0.5  | 0.1  | 0.0  |
| 2.3  | 3.1  | 1.7  | 1.8  | 3.5  | 3.7  | 3.5  |
| 5.2  | 5.2  | 4.0  | 4.2  | 5.0  | 5.4  | 4.0  |
| 13.7 | 18.0 | 17.6 | 20.8 | 19.7 | 19.5 | 20.5 |
| 0.1  | 0.2  | 0.1  | 0.3  | 0.2  | 0.1  | 0.0  |
| 1.3  | 1.8  | 1.9  | 2.3  | 2.5  | 2.3  | 2.1  |
| 0.6  | 0.8  | 1.5  | 1.6  | 1.2  | 1.1  | 0.4  |
| 3.1  | 3.8  | 5.7  | 6.1  | 4.7  | 4.7  | 5.0  |
| 0.1  | 0.2  | 0.5  | 0.5  | 0.2  | 0.4  | 0.0  |
| 2.2  | 2.3  | 2.6  | 3.0  | 3.3  | 2.6  | 1.8  |
| 2.8  | 3.0  | 4.1  | 2.8  | 3.5  | 2.1  | 1.9  |

|      |       |      |      |      |      |      |
|------|-------|------|------|------|------|------|
| 0.1  | 0.5   | 0.5  | 0.3  | 0.6  | 0.9  | 0.0  |
| 7.5  | 7.2   | 8.5  | 10.3 | 13.7 | 10.7 | 4.2  |
| 0.0  | 0.1   | 0.3  | 0.3  | 0.1  | 1.7  | 0.0  |
| 2.0  | 2.6   | 1.6  | 1.9  | 3.2  | 2.1  | 1.1  |
| 0.1  | 0.2   | 0.4  | 0.0  | 0.3  | 0.3  | 0.0  |
| 13.1 | 16.4  | 13.1 | 12.7 | 17.0 | 18.0 | 14.8 |
| 0.0  | 0.0   | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 77.0 | 102.0 | 81.3 | 77.5 | 87.7 | 89.5 | 69.9 |
| 0.0  | 0.0   | 0.4  | 0.1  | 0.1  | 0.0  | 0.0  |
| 1.0  | 3.2   | 4.8  | 3.9  | 1.2  | 3.6  | 0.9  |
| 1.6  | 2.4   | 2.9  | 3.1  | 4.3  | 3.3  | 0.4  |
| 14.5 | 20.0  | 15.2 | 15.2 | 22.0 | 18.7 | 10.9 |
| 0.0  | 0.0   | 0.2  | 0.4  | 0.2  | 0.7  | 0.0  |
| 11.2 | 9.5   | 10.1 | 7.7  | 10.3 | 7.7  | 7.8  |
| 13.3 | 13.3  | 14.1 | 13.6 | 17.3 | 15.1 | 15.5 |
| 62.1 | 56.3  | 42.7 | 36.8 | 59.3 | 81.2 | 35.0 |
| 45.1 | 64.7  | 57.5 | 65.1 | 59.6 | 60.0 | 45.4 |
| 0.0  | 0.1   | 0.1  | 0.4  | 0.0  | 0.0  | 0.0  |
| 0.6  | 0.4   | 0.8  | 0.6  | 1.0  | 1.1  | 1.7  |
| 5.4  | 8.9   | 7.7  | 10.1 | 6.1  | 5.6  | 6.0  |
| 14.1 | 16.6  | 12.2 | 11.7 | 21.7 | 16.2 | 5.0  |
| 0.0  | 0.1   | 0.2  | 0.3  | 0.1  | 0.1  | 0.0  |
| 0.1  | 0.2   | 1.0  | 0.6  | 0.5  | 0.8  | 0.5  |
| 6.6  | 7.7   | 10.1 | 9.8  | 8.3  | 8.5  | 12.5 |
| 6.5  | 9.0   | 7.5  | 9.7  | 10.1 | 9.6  | 9.8  |
| 1.7  | 2.0   | 1.5  | 2.2  | 3.2  | 1.8  | 0.5  |
| 0.0  | 0.1   | 0.2  | 0.4  | 0.0  | 0.1  | 0.0  |
| 4.9  | 5.3   | 7.4  | 6.1  | 5.8  | 3.7  | 3.6  |
| 6.3  | 11.2  | 13.0 | 11.4 | 10.4 | 10.9 | 6.0  |
| 3.9  | 4.6   | 7.2  | 7.6  | 4.3  | 9.0  | 13.1 |
| 9.1  | 13.3  | 13.7 | 14.1 | 11.3 | 16.5 | 22.3 |
| 0.4  | 0.3   | 0.2  | 0.6  | 0.4  | 0.9  | 0.0  |
| 6.4  | 7.3   | 5.9  | 7.1  | 9.4  | 4.9  | 1.7  |
| 0.1  | 0.1   | 0.5  | 0.1  | 0.1  | 0.1  | 0.0  |
| 1.2  | 3.0   | 7.3  | 6.3  | 3.1  | 3.8  | 2.7  |
| 11.3 | 16.1  | 16.6 | 16.8 | 14.6 | 22.1 | 15.4 |
| 11.6 | 11.0  | 11.8 | 10.0 | 16.8 | 12.6 | 4.6  |
| 16.7 | 19.4  | 24.6 | 26.1 | 21.3 | 21.3 | 14.1 |
| 0.0  | 0.0   | 0.6  | 0.1  | 0.0  | 0.0  | 0.0  |
| 1.2  | 1.4   | 1.7  | 2.2  | 1.4  | 1.6  | 1.7  |
| 12.1 | 11.7  | 13.5 | 15.4 | 18.3 | 16.0 | 13.8 |
| 2.5  | 2.9   | 2.3  | 2.0  | 3.3  | 2.5  | 2.0  |
| 6.9  | 6.5   | 10.4 | 8.8  | 6.9  | 8.2  | 9.7  |
| 7.7  | 5.0   | 8.1  | 10.4 | 10.2 | 8.8  | 16.5 |
| 16.3 | 18.7  | 15.6 | 17.0 | 20.7 | 19.4 | 10.1 |
| 34.0 | 31.6  | 25.7 | 26.2 | 41.6 | 36.8 | 17.1 |
| 52.1 | 71.5  | 65.9 | 64.7 | 61.8 | 69.4 | 52.2 |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 33.2  | 38.8  | 30.7  | 39.0  | 30.1  | 29.5  | 40.5  |
| 12.3  | 11.9  | 9.0   | 9.5   | 12.5  | 15.4  | 17.6  |
| 0.0   | 0.6   | 1.0   | 1.4   | 0.2   | 0.9   | 0.2   |
| 3.3   | 4.7   | 7.3   | 7.0   | 7.2   | 6.2   | 3.8   |
| 0.8   | 1.6   | 4.7   | 2.2   | 1.3   | 2.4   | 1.8   |
| 5.5   | 17.1  | 8.0   | 6.4   | 8.2   | 11.2  | 4.4   |
| 1.1   | 3.6   | 3.4   | 3.7   | 2.6   | 4.2   | 2.6   |
| 7.0   | 7.3   | 5.5   | 4.9   | 7.8   | 11.4  | 1.8   |
| 3.3   | 3.2   | 2.0   | 2.0   | 3.7   | 1.9   | 5.8   |
| 2.2   | 2.3   | 4.1   | 5.4   | 2.8   | 2.3   | 4.6   |
| 24.4  | 32.0  | 34.4  | 41.3  | 30.0  | 27.9  | 31.6  |
| 0.1   | 0.2   | 0.1   | 0.3   | 0.0   | 0.1   | 0.0   |
| 0.1   | 0.2   | 0.0   | 0.3   | 0.2   | 0.1   | 0.0   |
| 4.4   | 4.3   | 4.2   | 4.5   | 7.8   | 5.1   | 0.3   |
| 0.0   | 0.3   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.4   | 0.7   | 1.7   | 1.3   | 0.7   | 2.0   | 0.4   |
| 2.4   | 3.6   | 3.8   | 3.1   | 3.8   | 3.8   | 3.4   |
| 0.0   | 0.2   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.1   | 0.2   | 0.4   | 0.0   | 0.1   | 0.0   |
| 2.1   | 2.3   | 2.2   | 3.1   | 3.7   | 3.0   | 3.5   |
| 38.5  | 35.1  | 38.3  | 44.0  | 41.9  | 42.4  | 35.2  |
| 0.2   | 0.2   | 0.1   | 0.4   | 0.6   | 0.3   | 0.0   |
| 1.6   | 2.3   | 3.5   | 3.7   | 2.9   | 3.8   | 4.3   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.1   | 0.0   | 0.0   |
| 0.3   | 0.8   | 0.9   | 1.8   | 0.6   | 2.0   | 1.3   |
| 0.2   | 0.1   | 0.5   | 0.2   | 0.0   | 0.5   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.1   | 0.0   | 0.0   |
| 0.0   | 0.2   | 0.5   | 0.3   | 0.3   | 0.1   | 0.0   |
| 0.6   | 1.4   | 2.3   | 2.2   | 1.1   | 2.0   | 0.0   |
| 1.0   | 0.6   | 0.7   | 1.1   | 1.2   | 1.0   | 1.0   |
| 16.7  | 12.9  | 16.9  | 20.8  | 21.4  | 16.4  | 32.8  |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.2   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.3   | 0.0   | 0.2   | 0.1   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.3   | 0.3   | 0.1   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.1   | 0.1   | 0.0   |
| 4.5   | 4.0   | 3.7   | 3.7   | 5.3   | 5.6   | 5.0   |
| 5.6   | 4.3   | 5.3   | 4.6   | 4.9   | 5.6   | 1.9   |
| 1.5   | 2.0   | 2.3   | 2.0   | 2.1   | 1.5   | 1.9   |
| 0.0   | 0.1   | 0.2   | 0.2   | 0.1   | 0.1   | 0.0   |
| 0.6   | 1.0   | 1.4   | 0.8   | 0.9   | 1.9   | 0.8   |
| 3.3   | 6.3   | 2.9   | 2.4   | 2.5   | 6.1   | 2.1   |
| 3.4   | 3.8   | 2.2   | 2.4   | 1.0   | 3.3   | 4.1   |
| 0.3   | 0.1   | 0.4   | 0.5   | 0.3   | 0.3   | 1.7   |
| 2.3   | 2.9   | 3.1   | 2.4   | 2.7   | 2.9   | 4.7   |
| 0.3   | 0.4   | 0.9   | 0.7   | 0.3   | 0.6   | 0.1   |
| 130.1 | 150.0 | 125.9 | 131.1 | 124.9 | 147.4 | 139.4 |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 91.2  | 119.7 | 137.5 | 148.8 | 131.3 | 112.2 | 192.0 |
| 11.4  | 14.2  | 13.2  | 15.5  | 14.6  | 15.3  | 16.0  |
| 8.3   | 12.0  | 12.4  | 13.2  | 10.4  | 13.2  | 9.8   |
| 1.9   | 3.1   | 4.6   | 3.5   | 3.8   | 5.9   | 5.2   |
| 0.1   | 0.0   | 0.6   | 0.5   | 0.1   | 0.4   | 0.0   |
| 2.1   | 2.7   | 4.8   | 5.2   | 4.8   | 3.2   | 1.5   |
| 1.4   | 3.8   | 4.4   | 2.8   | 1.9   | 5.8   | 0.0   |
| 0.8   | 0.8   | 0.5   | 0.9   | 0.9   | 0.9   | 0.0   |
| 133.5 | 192.2 | 174.8 | 174.4 | 197.3 | 194.2 | 135.8 |
| 5.4   | 6.1   | 6.9   | 8.0   | 7.2   | 6.1   | 7.0   |
| 14.7  | 18.1  | 26.0  | 26.6  | 18.9  | 20.4  | 21.6  |
| 0.2   | 0.2   | 0.3   | 0.2   | 0.3   | 0.4   | 0.1   |
| 0.0   | 0.0   | 0.1   | 0.5   | 0.0   | 0.1   | 0.0   |
| 1.7   | 4.0   | 9.3   | 7.1   | 2.3   | 8.9   | 0.5   |
| 12.2  | 16.8  | 17.3  | 19.1  | 16.6  | 16.7  | 14.7  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.3   | 0.2   | 0.0   | 0.0   |
| 1.7   | 2.0   | 2.7   | 3.3   | 1.9   | 2.6   | 3.2   |
| 10.6  | 10.3  | 10.3  | 13.8  | 9.8   | 11.1  | 15.8  |
| 1.8   | 2.0   | 2.8   | 2.9   | 1.2   | 3.3   | 0.0   |
| 0.1   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.0   |
| 0.0   | 0.1   | 0.3   | 0.3   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.3   | 0.2   | 0.4   | 0.0   |
| 0.4   | 0.2   | 1.1   | 1.0   | 0.8   | 1.5   | 0.1   |
| 0.1   | 0.0   | 0.4   | 0.2   | 0.2   | 0.0   | 0.0   |
| 0.1   | 0.1   | 0.5   | 0.1   | 0.2   | 0.3   | 0.2   |
| 8.3   | 14.3  | 10.1  | 10.7  | 11.8  | 9.5   | 5.2   |
| 0.1   | 0.1   | 0.4   | 0.2   | 0.1   | 0.1   | 0.0   |
| 0.1   | 0.2   | 0.3   | 0.0   | 0.0   | 0.2   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.2   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.6   | 0.0   | 0.4   | 0.0   |
| 0.9   | 1.3   | 4.6   | 4.4   | 0.8   | 3.3   | 0.0   |
| 0.8   | 1.7   | 2.9   | 2.8   | 2.3   | 3.3   | 0.4   |
| 0.0   | 0.0   | 1.1   | 0.9   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.6   | 0.5   | 0.7   | 2.1   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.3   | 0.0   | 0.4   | 0.0   | 0.0   | 0.4   | 0.0   |
| 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 7.8   | 6.1   | 8.2   | 11.4  | 8.5   | 5.8   | 23.2  |
| 11.9  | 14.4  | 13.6  | 13.0  | 16.7  | 16.6  | 5.8   |
| 4.0   | 3.9   | 4.3   | 3.8   | 6.4   | 3.5   | 2.4   |
| 0.4   | 0.2   | 0.7   | 0.4   | 0.2   | 0.5   | 0.0   |
| 0.3   | 0.5   | 0.7   | 0.8   | 0.5   | 0.5   | 1.0   |
| 1.6   | 2.9   | 4.8   | 5.3   | 3.3   | 6.2   | 0.3   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.1   | 0.0   | 0.0   |
| 0.3   | 0.5   | 0.6   | 1.1   | 0.5   | 0.3   | 0.0   |
| 0.0   | 0.1   | 0.3   | 0.2   | 0.1   | 0.0   | 0.0   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.9  | 1.9  | 0.5  | 0.9  | 0.7  | 0.2  | 0.0  |
| 0.3  | 0.3  | 1.1  | 0.9  | 1.0  | 0.6  | 1.4  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.4  | 0.0  |
| 0.2  | 0.2  | 0.2  | 0.2  | 0.3  | 0.3  | 0.3  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.1  | 0.2  | 0.0  |
| 1.3  | 2.1  | 1.9  | 2.0  | 2.3  | 2.1  | 1.0  |
| 8.3  | 10.2 | 6.3  | 6.4  | 8.7  | 6.9  | 4.1  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 4.7  | 5.2  | 4.7  | 5.9  | 5.1  | 5.8  | 10.4 |
| 0.1  | 0.2  | 0.2  | 0.3  | 0.1  | 0.2  | 0.0  |
| 0.4  | 0.4  | 0.6  | 0.6  | 0.3  | 0.9  | 0.6  |
| 0.7  | 0.5  | 0.8  | 0.8  | 0.6  | 0.8  | 1.7  |
| 0.1  | 0.2  | 0.4  | 0.3  | 0.2  | 0.4  | 0.0  |
| 0.0  | 0.3  | 0.6  | 0.4  | 0.0  | 0.0  | 0.0  |
| 1.7  | 3.1  | 2.5  | 3.5  | 3.5  | 4.1  | 2.0  |
| 0.6  | 0.1  | 1.3  | 0.7  | 0.2  | 0.6  | 1.3  |
| 0.1  | 0.2  | 0.3  | 0.2  | 0.0  | 0.1  | 0.3  |
| 0.3  | 0.2  | 0.6  | 0.5  | 0.5  | 0.6  | 0.3  |
| 3.1  | 3.8  | 4.8  | 4.2  | 4.1  | 3.4  | 1.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 13.5 | 20.9 | 15.2 | 16.5 | 15.5 | 17.7 | 21.9 |
| 0.2  | 0.4  | 0.6  | 0.5  | 0.6  | 0.7  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.1  |
| 0.0  | 0.0  | 0.3  | 0.2  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.1  | 0.1  | 0.1  | 0.1  |
| 3.7  | 6.7  | 3.4  | 3.7  | 4.3  | 7.2  | 5.4  |
| 0.3  | 0.4  | 0.2  | 0.3  | 0.2  | 0.4  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.4  | 0.0  | 0.6  | 0.0  |
| 0.3  | 0.2  | 0.4  | 0.7  | 0.1  | 0.3  | 0.0  |
| 1.1  | 1.7  | 2.6  | 2.8  | 1.3  | 1.3  | 1.7  |
| 14.9 | 24.7 | 20.0 | 18.3 | 21.1 | 25.2 | 25.4 |
| 15.9 | 28.1 | 21.9 | 23.7 | 26.2 | 25.9 | 36.9 |
| 1.9  | 3.6  | 1.6  | 2.8  | 3.7  | 5.7  | 1.7  |
| 2.0  | 2.5  | 3.5  | 3.9  | 3.6  | 2.6  | 3.1  |
| 0.3  | 0.3  | 0.5  | 0.3  | 0.4  | 0.6  | 0.2  |
| 1.0  | 1.7  | 1.8  | 1.5  | 1.7  | 1.5  | 0.4  |
| 0.1  | 0.1  | 0.4  | 0.2  | 0.2  | 0.0  | 0.0  |
| 0.8  | 1.7  | 2.0  | 1.9  | 1.7  | 1.4  | 0.7  |
| 2.6  | 6.0  | 8.3  | 7.8  | 5.9  | 8.0  | 4.7  |
| 5.7  | 7.7  | 8.6  | 10.4 | 10.6 | 6.7  | 7.6  |
| 5.3  | 7.9  | 6.5  | 9.0  | 6.1  | 7.1  | 3.8  |
| 0.1  | 0.1  | 0.4  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.4  | 0.4  | 0.4  | 0.5  | 0.5  | 0.6  | 0.3  |
| 0.3  | 0.5  | 0.7  | 0.9  | 0.8  | 0.8  | 0.4  |
| 0.9  | 0.7  | 0.6  | 1.0  | 1.4  | 1.2  | 1.0  |
| 0.1  | 0.2  | 0.2  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.4  | 0.0  | 0.0  | 0.0  | 0.0  |



|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.1  | 0.0  | 0.2  | 0.4  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.4  | 0.8  | 0.0  | 1.0  | 0.0  |
| 0.2  | 0.7  | 1.2  | 1.0  | 0.4  | 0.9  | 0.1  |
| 0.1  | 0.2  | 0.3  | 0.5  | 0.1  | 0.2  | 0.0  |
| 0.3  | 0.4  | 2.4  | 1.7  | 0.9  | 1.5  | 0.0  |
| 1.3  | 2.3  | 3.2  | 2.7  | 2.6  | 3.5  | 0.8  |
| 5.2  | 8.1  | 9.8  | 10.4 | 7.3  | 11.9 | 9.9  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.2  | 0.0  | 0.6  | 0.7  | 0.1  | 0.0  | 0.0  |
| 6.2  | 9.1  | 11.8 | 11.1 | 7.8  | 7.9  | 6.7  |
| 1.3  | 1.7  | 1.9  | 2.0  | 1.8  | 2.1  | 0.8  |
| 0.1  | 0.0  | 0.1  | 0.0  | 0.0  | 0.5  | 0.0  |
| 25.9 | 29.8 | 26.2 | 38.3 | 28.1 | 26.3 | 35.5 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  |
| 0.8  | 0.8  | 0.3  | 0.5  | 1.3  | 0.8  | 0.5  |
| 17.3 | 19.7 | 17.2 | 15.3 | 18.2 | 24.1 | 26.1 |
| 3.4  | 4.0  | 5.6  | 5.3  | 4.9  | 4.4  | 3.6  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.5  | 1.7  | 1.8  | 1.9  | 2.6  | 2.4  | 1.2  |
| 8.7  | 6.6  | 10.9 | 12.7 | 11.8 | 7.6  | 6.1  |
| 0.9  | 1.5  | 1.6  | 1.7  | 1.4  | 1.5  | 0.0  |
| 0.6  | 1.9  | 3.2  | 3.6  | 2.1  | 3.6  | 2.1  |
| 1.1  | 1.4  | 2.0  | 2.3  | 1.6  | 1.9  | 1.9  |
| 0.6  | 0.6  | 1.6  | 1.0  | 0.6  | 1.4  | 1.2  |
| 1.4  | 2.0  | 1.9  | 2.4  | 1.8  | 1.9  | 2.0  |
| 0.0  | 0.1  | 0.1  | 0.3  | 0.0  | 0.2  | 0.0  |
| 16.8 | 16.3 | 19.6 | 20.2 | 23.6 | 19.0 | 14.4 |
| 0.2  | 0.7  | 0.1  | 0.4  | 1.3  | 0.6  | 0.0  |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.0  | 0.1  | 0.0  |
| 1.1  | 1.1  | 0.7  | 0.8  | 1.6  | 1.0  | 0.5  |
| 0.6  | 0.8  | 0.6  | 0.9  | 0.5  | 0.7  | 0.4  |
| 3.3  | 4.2  | 4.4  | 4.5  | 4.5  | 3.5  | 2.5  |
| 0.5  | 0.4  | 0.3  | 0.3  | 0.8  | 0.5  | 0.2  |
| 0.1  | 0.1  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  |
| 0.3  | 0.2  | 0.7  | 0.3  | 0.7  | 0.3  | 0.0  |
| 0.5  | 0.7  | 0.9  | 0.9  | 0.9  | 1.0  | 0.6  |
| 1.3  | 1.5  | 1.2  | 1.3  | 1.6  | 2.0  | 1.3  |
| 0.0  | 0.0  | 0.5  | 0.2  | 0.0  | 0.5  | 0.0  |
| 9.3  | 10.2 | 8.5  | 9.6  | 10.2 | 10.2 | 10.4 |
| 0.3  | 0.0  | 0.9  | 0.3  | 0.1  | 0.0  | 0.0  |
| 0.1  | 0.3  | 1.4  | 0.6  | 0.8  | 0.6  | 0.0  |
| 7.7  | 8.7  | 9.3  | 10.1 | 10.1 | 9.1  | 6.6  |
| 0.0  | 0.1  | 0.3  | 0.1  | 0.0  | 0.1  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 3.8  | 5.9  | 7.2  | 6.5  | 5.7  | 5.9  | 4.4  |
| 5.4  | 9.0  | 6.3  | 6.1  | 9.1  | 8.5  | 3.6  |
| 2.9  | 2.5  | 4.6  | 4.4  | 2.8  | 3.4  | 6.8  |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.4  | 0.1  | 0.0  |
| 1.7  | 1.9  | 1.3  | 1.3  | 2.4  | 2.8  | 0.3  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.8  | 0.9  | 1.3  | 1.4  | 1.3  | 1.0  | 1.9  |
| 25.1 | 36.7 | 35.5 | 37.8 | 36.8 | 32.3 | 34.6 |
| 0.7  | 0.0  | 1.0  | 6.1  | 1.2  | 0.0  | 0.0  |
| 3.8  | 2.3  | 0.0  | 1.4  | 2.6  | 0.0  | 0.0  |
| 0.3  | 0.5  | 0.6  | 0.5  | 0.9  | 0.8  | 0.2  |
| 0.0  | 0.0  | 0.4  | 0.1  | 0.2  | 0.0  | 0.0  |
| 0.2  | 0.2  | 0.1  | 0.1  | 0.2  | 0.3  | 0.4  |
| 4.1  | 4.7  | 7.9  | 7.6  | 7.3  | 5.2  | 3.1  |
| 2.0  | 1.5  | 1.9  | 2.4  | 2.0  | 1.9  | 0.0  |
| 0.2  | 0.5  | 0.0  | 0.0  | 0.5  | 0.6  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 3.2  | 4.1  | 3.4  | 3.6  | 2.8  | 4.0  | 3.9  |
| 3.1  | 4.5  | 2.8  | 2.8  | 3.6  | 5.3  | 3.7  |
| 0.4  | 0.7  | 1.1  | 1.0  | 0.9  | 0.6  | 0.8  |
| 0.8  | 0.8  | 0.8  | 0.6  | 0.0  | 1.0  | 1.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 3.6  | 4.7  | 2.9  | 3.1  | 4.6  | 5.5  | 3.6  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.2  | 0.0  |
| 0.6  | 1.0  | 2.0  | 2.5  | 1.3  | 1.3  | 0.8  |
| 0.1  | 0.0  | 0.3  | 0.6  | 0.3  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.4  | 0.0  |
| 0.4  | 0.5  | 0.3  | 0.6  | 0.5  | 0.7  | 0.1  |
| 0.1  | 0.1  | 0.1  | 0.4  | 0.2  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.2  | 1.0  | 0.3  | 0.1  | 0.0  |
| 0.0  | 0.2  | 0.0  | 0.0  | 0.0  | 0.6  | 0.0  |
| 3.8  | 6.1  | 4.1  | 4.6  | 5.1  | 7.1  | 4.8  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.3  | 0.0  |
| 0.1  | 0.1  | 1.0  | 0.8  | 0.3  | 0.4  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.3  | 0.1  | 0.3  | 0.2  |
| 1.2  | 1.2  | 1.4  | 1.2  | 2.1  | 2.2  | 0.7  |
| 13.0 | 13.1 | 16.5 | 18.9 | 14.2 | 11.8 | 30.0 |
| 0.4  | 0.6  | 1.7  | 1.1  | 0.0  | 0.3  | 0.0  |
| 2.1  | 3.0  | 3.4  | 3.3  | 3.4  | 3.0  | 1.6  |
| 0.0  | 0.1  | 0.1  | 0.3  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 2.0  | 0.0  | 0.0  | 0.0  |
| 1.1  | 1.1  | 1.5  | 1.2  | 1.1  | 1.2  | 0.6  |
| 0.8  | 2.3  | 4.6  | 3.9  | 1.8  | 3.2  | 0.8  |
| 0.0  | 0.0  | 0.3  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.1  | 0.0  |
| 2.1  | 2.3  | 2.2  | 3.1  | 2.9  | 2.7  | 2.5  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 10.9  | 11.9  | 11.8  | 12.7  | 10.6  | 13.5  | 17.0  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.5   | 0.6   | 1.0   | 1.3   | 0.5   | 0.7   | 0.8   |
| 0.7   | 1.4   | 0.6   | 1.4   | 0.7   | 2.0   | 1.1   |
| 0.4   | 0.3   | 0.3   | 0.3   | 0.3   | 0.5   | 0.0   |
| 4.5   | 5.5   | 4.2   | 5.5   | 5.7   | 4.2   | 3.7   |
| 3.9   | 8.5   | 9.2   | 10.4  | 5.3   | 6.9   | 9.6   |
| 1.1   | 1.7   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.2   | 0.0   | 0.0   | 0.0   |
| 1.9   | 3.7   | 4.1   | 4.3   | 2.9   | 3.2   | 3.4   |
| 207.7 | 393.5 | 595.1 | 504.7 | 394.1 | 436.5 | 152.5 |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 351.0 | 134.8 | 210.9 | 90.2  | 164.5 | 294.5 | 0.0   |
| 11.3  | 1.2   | 3.7   | 0.0   | 0.0   | 10.9  | 0.0   |
| 15.8  | 5.3   | 10.7  | 4.7   | 16.7  | 9.5   | 0.0   |
| 0.8   | 1.4   | 1.9   | 1.4   | 1.7   | 1.2   | 0.2   |
| 0.1   | 0.1   | 0.3   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 15.7  | 14.3  | 15.4  | 16.0  | 15.3  | 19.8  | 15.4  |
| 0.8   | 0.5   | 0.6   | 0.6   | 0.6   | 1.1   | 0.1   |
| 9.6   | 15.7  | 16.6  | 20.0  | 16.0  | 15.6  | 22.1  |
| 0.0   | 0.1   | 0.2   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.1   | 0.1   | 0.5   | 0.0   | 0.8   | 0.6   |
| 14.9  | 17.5  | 15.9  | 15.2  | 17.6  | 17.5  | 22.0  |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.1   | 0.1   | 0.2   |
| 0.1   | 0.0   | 0.4   | 0.0   | 0.0   | 0.1   | 0.0   |
| 1.6   | 2.7   | 2.1   | 3.1   | 4.3   | 3.1   | 1.9   |
| 0.8   | 0.6   | 0.8   | 0.6   | 1.3   | 1.3   | 0.5   |
| 0.1   | 0.0   | 0.5   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.6   | 1.1   | 0.5   | 0.6   | 1.0   | 1.1   | 0.4   |
| 0.3   | 0.5   | 0.9   | 0.9   | 0.5   | 0.4   | 0.0   |
| 0.1   | 0.3   | 0.6   | 1.2   | 0.5   | 0.3   | 0.9   |
| 5.1   | 7.9   | 5.4   | 2.6   | 6.0   | 9.4   | 2.1   |
| 1.0   | 1.4   | 0.9   | 1.8   | 1.9   | 2.2   | 1.5   |
| 6.0   | 6.5   | 6.2   | 7.9   | 6.5   | 6.4   | 8.9   |
| 0.1   | 0.4   | 0.8   | 0.7   | 0.4   | 0.5   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.2   | 0.1   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.1   | 0.2   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.1   | 0.0   | 0.0   |
| 2.8   | 3.5   | 4.2   | 5.0   | 3.4   | 4.7   | 4.4   |
| 3.8   | 3.9   | 4.5   | 5.2   | 5.1   | 4.0   | 2.8   |
| 7.4   | 8.6   | 7.3   | 7.6   | 8.0   | 7.1   | 8.8   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   |
| 23.5  | 26.5  | 26.2  | 33.9  | 26.9  | 25.0  | 23.9  |
| 1.9   | 1.7   | 1.8   | 2.0   | 2.7   | 1.9   | 2.0   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 3.0  | 4.8  | 2.0  | 4.2  | 2.0  | 2.8  | 7.0  |
| 3.0  | 3.6  | 2.9  | 3.1  | 3.9  | 3.9  | 3.4  |
| 0.3  | 0.5  | 1.2  | 1.1  | 1.1  | 0.1  | 0.8  |
| 1.7  | 3.1  | 8.6  | 7.0  | 2.3  | 8.3  | 1.7  |
| 2.2  | 3.3  | 1.5  | 1.8  | 3.1  | 3.0  | 0.0  |
| 9.5  | 14.4 | 11.5 | 13.2 | 10.7 | 14.2 | 13.2 |
| 1.0  | 1.5  | 0.9  | 0.8  | 1.3  | 2.0  | 2.0  |
| 1.6  | 1.4  | 2.9  | 2.0  | 2.0  | 2.4  | 0.3  |
| 4.6  | 7.5  | 6.2  | 7.0  | 5.4  | 6.4  | 9.4  |
| 1.5  | 1.5  | 1.1  | 1.2  | 2.4  | 2.2  | 0.8  |
| 2.9  | 1.9  | 2.4  | 2.3  | 2.7  | 2.8  | 4.0  |
| 6.7  | 7.7  | 2.8  | 2.9  | 4.9  | 8.0  | 3.3  |
| 1.1  | 1.1  | 2.0  | 1.8  | 1.7  | 2.0  | 4.1  |
| 0.8  | 0.4  | 1.8  | 1.4  | 0.9  | 1.8  | 1.5  |
| 1.1  | 0.8  | 2.7  | 2.1  | 1.6  | 2.3  | 2.5  |
| 0.9  | 0.9  | 1.0  | 1.7  | 1.6  | 1.3  | 2.7  |
| 1.3  | 1.3  | 2.0  | 2.6  | 1.8  | 2.3  | 2.0  |
| 0.8  | 1.8  | 2.0  | 2.8  | 1.9  | 2.5  | 0.7  |
| 1.5  | 1.5  | 1.8  | 1.6  | 1.6  | 1.8  | 1.7  |
| 0.1  | 0.0  | 0.5  | 0.5  | 0.5  | 0.0  | 0.0  |
| 6.2  | 8.1  | 12.2 | 11.4 | 11.1 | 9.6  | 8.0  |
| 1.5  | 1.6  | 2.1  | 1.8  | 2.1  | 2.4  | 1.2  |
| 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.4  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 5.8  | 6.6  | 6.4  | 7.1  | 8.9  | 8.1  | 3.6  |
| 0.9  | 1.6  | 2.0  | 1.5  | 1.0  | 2.5  | 0.6  |
| 0.8  | 1.2  | 1.1  | 1.3  | 1.3  | 1.2  | 0.8  |
| 3.8  | 4.3  | 4.3  | 5.0  | 5.2  | 5.8  | 3.3  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.5  | 0.5  | 0.3  | 0.6  | 0.5  | 0.6  | 0.2  |
| 0.9  | 0.7  | 2.0  | 2.6  | 0.6  | 0.1  | 1.6  |
| 1.0  | 0.7  | 2.6  | 2.8  | 1.3  | 1.6  | 0.0  |
| 0.0  | 0.0  | 0.5  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.0  | 1.9  | 3.3  | 3.1  | 1.6  | 3.2  | 0.2  |
| 0.0  | 0.0  | 0.4  | 0.5  | 0.0  | 0.0  | 0.0  |
| 0.4  | 0.7  | 0.7  | 0.6  | 0.6  | 0.8  | 0.5  |
| 2.0  | 2.4  | 2.1  | 2.0  | 2.7  | 2.9  | 1.4  |
| 9.5  | 4.6  | 5.7  | 4.2  | 6.0  | 6.3  | 1.7  |
| 2.3  | 3.7  | 5.1  | 8.8  | 4.6  | 9.6  | 11.8 |
| 14.9 | 7.2  | 6.1  | 5.8  | 3.9  | 9.2  | 6.1  |
| 4.5  | 7.6  | 7.2  | 2.9  | 9.6  | 19.3 | 0.0  |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.1  | 0.0  | 0.3  | 0.2  | 0.1  | 0.1  | 0.0  |
| 1.1  | 1.0  | 1.1  | 0.9  | 1.4  | 1.0  | 1.2  |
| 1.2  | 1.0  | 2.1  | 1.7  | 2.2  | 1.5  | 1.9  |
| 0.1  | 0.0  | 0.3  | 0.1  | 0.0  | 0.7  | 0.0  |
| 1.8  | 2.3  | 3.4  | 2.9  | 3.2  | 3.9  | 0.5  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.4  | 0.5  | 0.3  | 0.8  | 0.4  | 0.5  | 0.0  |
| 22.7 | 29.8 | 22.0 | 20.2 | 30.0 | 34.0 | 10.6 |
| 2.3  | 3.1  | 2.8  | 2.6  | 5.2  | 4.8  | 0.8  |
| 27.9 | 38.1 | 33.3 | 37.1 | 33.4 | 45.0 | 53.7 |
| 1.8  | 2.1  | 2.6  | 2.7  | 3.2  | 3.1  | 1.3  |
| 4.5  | 5.3  | 4.6  | 7.3  | 4.6  | 4.9  | 10.2 |
| 0.5  | 1.4  | 1.9  | 1.8  | 0.5  | 0.6  | 0.0  |
| 0.0  | 0.2  | 0.4  | 0.4  | 0.0  | 0.0  | 0.0  |
| 6.3  | 6.6  | 5.3  | 4.9  | 7.3  | 6.6  | 3.2  |
| 17.3 | 24.2 | 28.0 | 30.9 | 24.6 | 21.9 | 24.3 |
| 0.1  | 0.3  | 1.1  | 1.3  | 0.3  | 1.3  | 0.0  |
| 1.3  | 0.6  | 0.8  | 0.8  | 1.5  | 0.6  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 2.7  | 5.2  | 3.6  | 3.8  | 4.9  | 2.7  | 0.6  |
| 3.2  | 5.1  | 7.1  | 5.9  | 6.0  | 5.9  | 4.8  |
| 0.0  | 0.0  | 0.3  | 0.9  | 0.1  | 0.6  | 0.0  |
| 0.0  | 0.3  | 0.5  | 2.7  | 0.6  | 0.6  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.1  | 0.0  | 0.6  | 0.0  |
| 2.9  | 3.2  | 4.0  | 3.2  | 4.1  | 3.9  | 2.3  |
| 0.2  | 0.6  | 0.9  | 1.4  | 0.7  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.4  | 0.0  |
| 0.3  | 0.1  | 1.2  | 0.6  | 0.6  | 0.8  | 0.0  |
| 0.5  | 0.6  | 0.5  | 0.5  | 0.9  | 0.6  | 0.2  |
| 0.2  | 0.1  | 0.0  | 0.4  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.4  | 0.0  |
| 0.1  | 0.1  | 0.0  | 0.3  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.2  | 0.0  | 1.1  | 0.0  |
| 2.1  | 5.7  | 12.6 | 10.8 | 4.9  | 10.1 | 2.4  |
| 0.5  | 0.9  | 1.3  | 1.2  | 0.9  | 1.1  | 0.2  |
| 1.1  | 1.5  | 2.2  | 2.9  | 1.4  | 1.8  | 1.5  |
| 8.6  | 14.3 | 13.3 | 15.4 | 16.9 | 14.6 | 7.3  |
| 0.1  | 0.2  | 0.9  | 0.1  | 0.0  | 0.2  | 0.1  |
| 0.0  | 0.2  | 0.4  | 0.1  | 0.2  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.4  | 0.1  | 0.0  |
| 0.1  | 0.3  | 0.2  | 0.3  | 0.3  | 0.0  | 0.4  |
| 0.3  | 0.3  | 0.6  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.3  | 0.4  | 0.0  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 6.8  | 5.5  | 4.9  | 5.9  | 4.1  | 6.3  | 6.6  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 9.5  | 16.2 | 16.7 | 21.9 | 28.7 | 34.8 | 0.4  |
| 9.4  | 7.9  | 13.2 | 13.6 | 11.1 | 17.7 | 12.9 |
| 0.0  | 0.2  | 0.1  | 0.8  | 0.0  | 0.4  | 0.0  |

|        |        |        |        |       |       |       |
|--------|--------|--------|--------|-------|-------|-------|
| 0.0    | 0.0    | 0.0    | 0.1    | 0.0   | 0.0   | 0.0   |
| 0.9    | 1.8    | 3.3    | 2.5    | 1.8   | 4.0   | 0.0   |
| 0.0    | 0.0    | 0.4    | 0.1    | 0.0   | 0.0   | 0.0   |
| 0.6    | 0.6    | 1.7    | 0.9    | 0.9   | 0.9   | 0.9   |
| 0.1    | 0.0    | 0.1    | 0.0    | 0.0   | 0.0   | 0.0   |
| 3.1    | 2.4    | 1.9    | 2.4    | 3.6   | 0.9   | 2.1   |
| 0.0    | 0.0    | 0.0    | 0.1    | 0.0   | 0.0   | 0.0   |
| 1.0    | 1.1    | 0.9    | 0.9    | 1.5   | 1.3   | 1.2   |
| 2.5    | 3.1    | 3.9    | 3.4    | 3.5   | 2.8   | 3.8   |
| 1.7    | 1.7    | 1.3    | 1.4    | 2.1   | 1.3   | 0.7   |
| 0.1    | 0.2    | 0.3    | 0.3    | 0.0   | 0.1   | 0.0   |
| 0.2    | 0.5    | 0.7    | 0.4    | 0.5   | 0.8   | 0.0   |
| 0.2    | 0.4    | 1.8    | 1.8    | 0.5   | 2.7   | 0.0   |
| 0.0    | 0.1    | 0.6    | 0.1    | 0.3   | 0.3   | 0.0   |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   |
| 0.0    | 0.0    | 0.2    | 0.5    | 0.2   | 0.1   | 0.0   |
| 0.3    | 0.4    | 0.1    | 0.5    | 0.4   | 0.1   | 0.0   |
| 0.1    | 0.1    | 0.2    | 0.1    | 0.0   | 0.0   | 0.0   |
| 0.1    | 0.0    | 0.2    | 0.3    | 0.1   | 0.2   | 0.0   |
| 4.6    | 5.3    | 5.8    | 7.6    | 5.4   | 5.9   | 7.9   |
| 9.8    | 14.3   | 13.5   | 13.0   | 11.5  | 13.2  | 14.3  |
| 94.0   | 42.9   | 20.0   | 14.1   | 18.2  | 14.1  | 2.5   |
| 2430.1 | 2071.9 | 3443.5 | 1757.6 | 957.4 | 999.0 | 182.8 |
| 1947.5 | 592.1  | 1527.8 | 595.7  | 586.7 | 776.2 | 84.0  |
| 879.9  | 292.2  | 554.5  | 288.0  | 319.4 | 482.7 | 499.5 |
| 1.1    | 4.4    | 9.6    | 6.0    | 3.0   | 8.6   | 1.4   |
| 0.0    | 0.0    | 0.3    | 0.1    | 0.0   | 0.2   | 0.0   |
| 0.2    | 0.0    | 0.9    | 1.1    | 0.0   | 0.0   | 0.0   |
| 0.2    | 0.5    | 0.5    | 0.6    | 0.8   | 0.8   | 0.2   |
| 18.7   | 20.3   | 22.6   | 26.2   | 21.2  | 25.2  | 19.6  |
| 2.2    | 2.7    | 1.8    | 1.9    | 4.0   | 3.9   | 1.2   |
| 0.0    | 0.3    | 0.8    | 1.1    | 0.2   | 0.7   | 0.0   |
| 0.1    | 0.1    | 1.3    | 0.1    | 0.0   | 0.8   | 0.0   |
| 10.2   | 9.6    | 13.8   | 12.5   | 13.5  | 9.8   | 16.7  |
| 0.1    | 0.1    | 0.5    | 0.3    | 0.1   | 0.2   | 0.0   |
| 4.6    | 4.6    | 4.4    | 6.6    | 4.7   | 5.7   | 4.8   |
| 2.0    | 2.3    | 1.4    | 1.5    | 2.2   | 1.9   | 1.2   |
| 2.7    | 2.9    | 3.6    | 5.3    | 4.8   | 5.5   | 2.9   |
| 17.4   | 17.7   | 16.9   | 16.0   | 15.1  | 19.9  | 24.0  |
| 0.8    | 0.7    | 0.8    | 0.8    | 1.1   | 0.8   | 0.4   |
| 0.0    | 0.0    | 0.1    | 0.1    | 0.0   | 0.0   | 0.0   |
| 0.6    | 0.9    | 0.7    | 0.7    | 1.0   | 0.8   | 0.4   |
| 5.7    | 6.5    | 6.8    | 6.9    | 8.2   | 8.8   | 7.6   |
| 2.1    | 2.1    | 1.9    | 2.5    | 1.9   | 1.5   | 3.0   |
| 6.3    | 9.2    | 9.0    | 9.6    | 7.7   | 8.0   | 8.0   |
| 1.1    | 2.6    | 3.1    | 3.2    | 1.9   | 3.3   | 1.1   |
| 5.4    | 6.2    | 6.2    | 6.6    | 9.2   | 7.8   | 4.9   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 16.0 | 17.1 | 21.7 | 25.7 | 18.1 | 16.1 | 16.3 |
| 10.2 | 11.2 | 6.8  | 6.5  | 14.2 | 14.8 | 4.9  |
| 6.0  | 7.6  | 6.8  | 7.1  | 7.4  | 5.7  | 2.4  |
| 3.5  | 3.0  | 3.0  | 3.8  | 3.8  | 4.7  | 6.2  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.1  | 0.0  |
| 9.1  | 6.6  | 7.4  | 10.1 | 8.1  | 8.8  | 7.1  |
| 0.0  | 0.7  | 0.4  | 1.5  | 1.1  | 0.9  | 0.0  |
| 0.1  | 0.0  | 0.4  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.3  | 0.3  | 0.3  | 0.3  | 0.5  | 0.2  | 0.1  |
| 8.9  | 7.4  | 6.0  | 5.0  | 9.0  | 13.5 | 1.4  |
| 0.0  | 0.0  | 0.1  | 0.6  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.3  | 1.1  | 0.9  | 0.5  | 0.8  | 0.0  |
| 11.8 | 13.6 | 13.3 | 14.8 | 14.1 | 15.6 | 17.8 |
| 15.2 | 14.3 | 17.9 | 19.4 | 16.4 | 14.8 | 26.6 |
| 0.1  | 0.1  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  |
| 1.3  | 1.1  | 1.1  | 1.6  | 1.5  | 1.8  | 0.1  |
| 35.1 | 29.5 | 40.4 | 53.6 | 45.7 | 41.6 | 44.3 |
| 1.7  | 2.7  | 4.2  | 4.5  | 2.3  | 4.8  | 1.9  |
| 0.0  | 0.1  | 0.4  | 0.4  | 0.3  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.1  | 0.2  | 0.0  | 0.1  | 0.0  |
| 13.2 | 13.8 | 20.1 | 24.8 | 20.1 | 17.8 | 16.8 |
| 1.2  | 1.7  | 3.2  | 3.6  | 1.8  | 2.9  | 0.4  |
| 22.2 | 32.5 | 32.4 | 32.8 | 29.6 | 25.8 | 11.0 |
| 0.2  | 0.2  | 0.4  | 0.6  | 0.3  | 0.2  | 0.1  |
| 0.4  | 0.3  | 0.8  | 0.7  | 0.7  | 0.7  | 0.3  |
| 0.3  | 0.2  | 0.2  | 0.3  | 0.7  | 0.4  | 0.1  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.2  | 0.0  |
| 2.0  | 2.5  | 4.2  | 4.5  | 2.7  | 2.8  | 3.3  |
| 1.5  | 2.0  | 1.9  | 3.0  | 2.1  | 1.3  | 0.9  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.7  | 0.8  | 1.7  | 1.5  | 1.0  | 1.5  | 1.5  |
| 0.0  | 0.1  | 0.4  | 0.5  | 0.2  | 0.1  | 0.0  |
| 3.9  | 3.6  | 5.3  | 7.0  | 5.2  | 6.3  | 8.4  |
| 0.4  | 0.3  | 0.8  | 0.8  | 0.7  | 0.5  | 0.5  |
| 2.6  | 2.0  | 2.5  | 3.0  | 3.6  | 3.1  | 3.6  |
| 1.8  | 2.3  | 3.1  | 3.7  | 3.0  | 2.9  | 3.0  |
| 2.8  | 2.6  | 2.4  | 3.2  | 3.2  | 2.5  | 1.6  |
| 1.2  | 1.2  | 2.1  | 1.8  | 2.2  | 1.2  | 0.1  |
| 0.1  | 0.5  | 1.2  | 0.3  | 0.4  | 0.7  | 0.1  |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.1  | 0.1  | 0.0  |
| 2.2  | 2.0  | 2.7  | 2.9  | 3.2  | 1.6  | 0.8  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.5   | 0.3   | 0.1   | 0.3   | 0.0   |
| 0.2   | 0.2   | 0.3   | 0.2   | 0.1   | 0.0   | 0.0   |
| 0.1   | 0.1   | 0.3   | 0.3   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.1   | 0.4   | 0.1   | 0.1   | 0.0   | 0.0   |
| 1.3   | 2.4   | 6.7   | 6.9   | 2.7   | 6.1   | 1.1   |
| 1.2   | 1.8   | 2.6   | 2.2   | 1.6   | 2.2   | 0.3   |
| 0.1   | 0.2   | 0.5   | 0.4   | 0.4   | 0.4   | 0.1   |
| 4.1   | 4.3   | 3.2   | 3.1   | 3.9   | 5.0   | 2.3   |
| 12.9  | 12.3  | 9.1   | 10.8  | 9.7   | 12.4  | 11.9  |
| 82.3  | 109.3 | 107.7 | 109.8 | 108.2 | 86.8  | 103.9 |
| 1.3   | 1.1   | 1.7   | 2.2   | 1.4   | 1.3   | 1.0   |
| 77.0  | 100.5 | 78.9  | 87.3  | 77.0  | 90.2  | 111.7 |
| 22.2  | 24.3  | 16.0  | 13.8  | 21.5  | 27.3  | 25.6  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.9   | 1.3   | 1.7   | 1.4   | 1.3   | 1.4   | 2.0   |
| 0.1   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.2   | 0.8   | 0.2   | 0.2   | 0.0   | 0.0   |
| 0.2   | 0.3   | 0.5   | 0.5   | 0.1   | 1.1   | 0.0   |
| 0.6   | 0.6   | 1.7   | 1.6   | 0.6   | 1.0   | 0.5   |
| 19.5  | 23.3  | 20.6  | 21.0  | 17.8  | 23.8  | 25.4  |
| 0.3   | 0.2   | 1.0   | 0.5   | 0.3   | 0.5   | 0.1   |
| 13.9  | 15.1  | 12.7  | 14.7  | 15.5  | 13.1  | 17.7  |
| 7.1   | 6.1   | 5.8   | 6.3   | 5.9   | 3.6   | 7.1   |
| 0.5   | 0.8   | 1.7   | 1.6   | 0.6   | 1.4   | 0.7   |
| 1.4   | 1.5   | 2.5   | 1.3   | 2.3   | 0.9   | 0.8   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.2   | 0.0   |
| 0.2   | 0.3   | 0.4   | 0.6   | 0.3   | 0.4   | 0.4   |
| 0.0   | 0.0   | 0.3   | 0.5   | 0.0   | 0.0   | 0.0   |
| 9.3   | 10.1  | 8.8   | 9.5   | 12.0  | 11.4  | 10.2  |
| 0.4   | 0.3   | 0.4   | 0.2   | 0.3   | 0.4   | 0.7   |
| 0.2   | 0.2   | 0.4   | 0.3   | 0.1   | 0.2   | 0.2   |
| 2.7   | 1.5   | 2.2   | 2.8   | 2.6   | 3.3   | 8.9   |
| 0.2   | 0.4   | 0.8   | 0.8   | 0.4   | 0.9   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.5   | 0.0   | 0.1   | 0.0   |
| 13.9  | 14.9  | 21.3  | 18.9  | 16.4  | 15.8  | 24.2  |
| 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.0   |
| 0.4   | 0.4   | 0.5   | 0.5   | 0.7   | 0.5   | 1.1   |
| 0.7   | 1.1   | 2.2   | 2.2   | 1.2   | 1.6   | 0.1   |
| 0.0   | 0.1   | 0.0   | 0.1   | 0.0   | 0.1   | 0.0   |
| 2.0   | 3.2   | 2.8   | 2.8   | 2.2   | 2.5   | 6.6   |
| 3.2   | 1.3   | 2.8   | 2.1   | 3.5   | 3.9   | 2.8   |
| 198.7 | 176.1 | 174.9 | 191.5 | 208.3 | 187.8 | 198.0 |
| 0.1   | 0.1   | 0.0   | 0.4   | 0.0   | 0.0   | 0.0   |
| 94.1  | 130.2 | 152.2 | 163.8 | 107.1 | 138.1 | 153.8 |



|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.1  | 0.1  | 0.2  | 0.2  | 0.1  | 0.2  | 0.0  |
| 4.0  | 4.9  | 3.9  | 3.7  | 5.2  | 5.8  | 5.8  |
| 0.9  | 1.3  | 0.9  | 1.2  | 1.2  | 1.5  | 1.1  |
| 5.9  | 5.2  | 4.8  | 4.6  | 7.8  | 7.7  | 7.3  |
| 38.1 | 42.6 | 44.4 | 43.7 | 70.7 | 49.8 | 17.1 |
| 0.5  | 0.3  | 0.0  | 0.3  | 0.2  | 0.5  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.1  | 0.1  | 0.1  | 0.2  |
| 0.1  | 0.2  | 0.0  | 0.1  | 0.4  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  |
| 4.2  | 4.0  | 4.3  | 4.7  | 6.4  | 6.1  | 5.7  |
| 1.6  | 2.7  | 1.7  | 1.7  | 2.8  | 3.7  | 1.7  |
| 10.0 | 11.1 | 9.4  | 10.4 | 13.2 | 14.4 | 8.7  |
| 0.4  | 0.5  | 0.5  | 1.0  | 0.5  | 1.4  | 0.0  |
| 1.7  | 2.3  | 2.8  | 3.6  | 2.8  | 2.0  | 2.1  |
| 2.3  | 2.0  | 2.1  | 2.8  | 3.4  | 3.8  | 5.5  |
| 54.3 | 55.0 | 48.3 | 52.4 | 71.3 | 57.3 | 60.6 |
| 1.2  | 3.1  | 1.3  | 1.3  | 2.0  | 3.6  | 1.9  |
| 4.1  | 3.5  | 4.8  | 6.5  | 4.4  | 4.3  | 3.7  |
| 5.4  | 7.4  | 5.3  | 6.6  | 6.0  | 7.5  | 10.4 |
| 0.7  | 0.9  | 1.6  | 1.6  | 1.2  | 2.0  | 0.6  |
| 14.2 | 18.1 | 10.0 | 9.9  | 18.6 | 18.4 | 15.4 |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 6.1  | 7.3  | 8.6  | 9.1  | 8.3  | 7.9  | 4.7  |
| 1.0  | 1.4  | 0.7  | 1.1  | 1.3  | 1.3  | 0.5  |
| 2.5  | 1.8  | 2.4  | 4.4  | 4.5  | 3.7  | 1.1  |
| 0.3  | 0.4  | 1.0  | 1.1  | 0.3  | 0.9  | 0.1  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 1.7  | 2.4  | 3.0  | 2.9  | 2.0  | 2.9  | 1.5  |
| 0.0  | 0.1  | 0.1  | 0.6  | 0.7  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.8  | 1.1  | 3.5  | 2.2  | 1.0  | 1.8  | 0.0  |
| 0.5  | 2.2  | 3.2  | 3.9  | 1.6  | 3.0  | 0.5  |
| 5.5  | 6.8  | 5.8  | 6.2  | 5.8  | 6.4  | 6.1  |
| 3.4  | 6.8  | 6.8  | 6.3  | 4.3  | 5.5  | 11.9 |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.2  | 0.0  |
| 0.2  | 0.2  | 0.3  | 0.2  | 0.5  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.5  | 1.1  | 0.9  | 1.5  | 1.5  | 1.4  | 0.0  |
| 0.6  | 0.9  | 1.5  | 1.4  | 1.8  | 1.4  | 0.3  |
| 10.7 | 11.4 | 9.8  | 10.7 | 11.0 | 9.1  | 11.1 |
| 20.5 | 20.1 | 22.1 | 21.7 | 14.9 | 30.0 | 35.1 |
| 1.4  | 1.9  | 1.5  | 1.4  | 2.0  | 2.0  | 1.0  |
| 17.0 | 18.3 | 18.1 | 20.9 | 21.0 | 22.5 | 30.8 |
| 11.7 | 22.4 | 18.4 | 19.2 | 14.2 | 20.3 | 16.2 |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.4  | 0.2  | 0.2  | 0.0  | 0.0  |

|         |        |         |        |        |         |        |
|---------|--------|---------|--------|--------|---------|--------|
| 0.0     | 0.0    | 0.1     | 0.0    | 0.0    | 0.7     | 0.0    |
| 3.9     | 3.0    | 2.1     | 3.3    | 5.5    | 3.5     | 1.8    |
| 0.7     | 1.1    | 1.0     | 1.1    | 1.0    | 1.2     | 0.3    |
| 0.1     | 0.4    | 0.9     | 0.7    | 0.2    | 0.6     | 0.2    |
| 1.2     | 1.3    | 1.0     | 0.4    | 0.6    | 1.1     | 0.4    |
| 4.3     | 4.4    | 9.0     | 11.0   | 7.2    | 6.5     | 8.2    |
| 0.3     | 0.4    | 0.4     | 0.7    | 0.2    | 0.2     | 0.6    |
| 0.3     | 0.1    | 1.7     | 0.2    | 0.2    | 0.3     | 0.0    |
| 0.1     | 0.0    | 0.4     | 0.1    | 0.1    | 0.1     | 0.0    |
| 0.0     | 0.0    | 0.2     | 0.1    | 0.0    | 0.1     | 0.0    |
| 2.7     | 2.2    | 3.8     | 3.2    | 2.7    | 3.0     | 2.7    |
| 28.3    | 21.2   | 22.1    | 21.6   | 29.7   | 26.3    | 17.2   |
| 0.0     | 0.1    | 0.1     | 0.0    | 0.0    | 0.3     | 0.0    |
| 4.1     | 7.6    | 3.5     | 3.8    | 11.4   | 8.8     | 2.1    |
| 2.3     | 1.7    | 2.6     | 2.9    | 2.6    | 2.6     | 3.1    |
| 1.6     | 2.3    | 1.8     | 2.1    | 1.7    | 2.0     | 1.3    |
| 25970.9 | 9389.8 | 15130.4 | 7388.1 | 9381.4 | 14792.1 | 2864.3 |
| 0.0     | 0.0    | 0.0     | 0.1    | 0.0    | 0.0     | 0.0    |
| 4.0     | 5.3    | 5.6     | 6.4    | 6.2    | 4.9     | 7.2    |
| 3.3     | 4.9    | 6.6     | 7.2    | 5.6    | 5.1     | 4.6    |
| 6.9     | 7.7    | 7.1     | 7.5    | 8.6    | 7.6     | 4.4    |
| 9.2     | 11.3   | 11.4    | 11.4   | 10.6   | 11.8    | 8.8    |
| 16.0    | 16.5   | 19.0    | 23.8   | 21.8   | 17.5    | 20.4   |
| 3.4     | 3.7    | 2.8     | 2.4    | 3.1    | 3.7     | 3.5    |
| 0.1     | 0.3    | 0.5     | 0.3    | 0.0    | 0.2     | 0.0    |
| 0.1     | 0.0    | 0.1     | 0.1    | 0.0    | 0.7     | 0.1    |
| 0.0     | 0.0    | 0.0     | 0.0    | 0.0    | 0.0     | 0.0    |
| 0.0     | 0.0    | 0.0     | 0.0    | 0.0    | 0.0     | 0.0    |
| 0.1     | 0.2    | 0.2     | 0.2    | 0.2    | 0.2     | 0.1    |
| 0.0     | 0.0    | 0.5     | 0.0    | 0.0    | 0.0     | 0.0    |
| 1.0     | 1.8    | 2.1     | 3.3    | 2.1    | 0.9     | 2.7    |
| 0.0     | 0.4    | 1.2     | 1.1    | 0.4    | 0.3     | 0.0    |
| 0.7     | 2.1    | 3.4     | 2.5    | 1.7    | 4.1     | 0.4    |
| 0.1     | 0.3    | 0.0     | 0.5    | 0.1    | 0.0     | 0.6    |
| 0.0     | 0.0    | 0.1     | 0.0    | 0.0    | 0.0     | 0.0    |
| 1.4     | 1.9    | 5.0     | 5.7    | 2.0    | 5.0     | 2.0    |
| 5.7     | 9.5    | 7.8     | 8.4    | 7.9    | 8.4     | 10.1   |
| 0.7     | 0.8    | 0.7     | 0.8    | 1.1    | 0.6     | 0.4    |
| 5.9     | 8.7    | 7.8     | 9.0    | 7.5    | 9.7     | 5.8    |
| 16.3    | 13.6   | 16.5    | 22.4   | 16.9   | 13.6    | 26.4   |
| 0.4     | 0.7    | 1.6     | 1.3    | 0.7    | 1.5     | 0.3    |
| 1.0     | 1.2    | 1.1     | 1.1    | 1.7    | 1.5     | 0.7    |
| 15.8    | 22.1   | 23.0    | 25.2   | 17.7   | 19.0    | 11.1   |
| 10.0    | 9.0    | 12.9    | 11.9   | 9.9    | 14.1    | 9.4    |
| 0.0     | 0.0    | 0.6     | 0.5    | 0.0    | 0.4     | 0.2    |
| 11.0    | 11.9   | 12.0    | 12.4   | 15.3   | 13.7    | 6.6    |
| 22.2    | 29.6   | 27.7    | 27.2   | 31.7   | 27.7    | 29.0   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 16.2 | 17.2 | 14.1 | 13.2 | 17.4 | 17.9 | 11.5 |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.7  | 1.0  | 3.7  | 3.8  | 0.7  | 1.5  | 1.2  |
| 7.2  | 4.9  | 5.3  | 8.8  | 6.8  | 4.6  | 2.3  |
| 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.1  | 0.0  | 0.0  |
| 13.0 | 18.1 | 15.1 | 16.6 | 13.5 | 15.1 | 13.1 |
| 0.1  | 0.1  | 0.7  | 0.5  | 0.1  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  |
| 1.7  | 2.5  | 2.4  | 3.1  | 2.5  | 1.8  | 3.2  |
| 3.5  | 4.0  | 6.2  | 6.8  | 7.2  | 4.0  | 6.7  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.3  | 0.3  | 0.6  | 0.5  | 0.4  | 0.6  | 0.3  |
| 6.7  | 6.6  | 7.5  | 6.7  | 8.6  | 9.2  | 4.1  |
| 4.7  | 4.4  | 3.1  | 2.8  | 6.0  | 5.2  | 2.5  |
| 0.0  | 0.1  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 9.2  | 12.4 | 11.3 | 12.7 | 11.5 | 11.3 | 15.2 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.2  | 1.0  | 0.5  | 0.3  | 0.1  | 0.7  |
| 4.1  | 4.2  | 4.5  | 5.3  | 4.6  | 4.3  | 3.0  |
| 1.2  | 1.3  | 1.4  | 1.9  | 1.6  | 1.6  | 2.2  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 4.1  | 5.2  | 3.5  | 4.3  | 3.9  | 5.1  | 7.9  |
| 1.1  | 1.3  | 1.4  | 1.4  | 1.0  | 0.9  | 0.8  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 9.3  | 6.6  | 8.6  | 10.8 | 8.9  | 6.6  | 13.6 |
| 0.7  | 0.6  | 0.9  | 0.9  | 1.1  | 0.7  | 0.7  |
| 0.0  | 0.0  | 0.2  | 0.4  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.4  | 0.6  | 0.3  | 0.3  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.4  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.2  | 0.0  |
| 5.2  | 5.6  | 4.4  | 5.5  | 6.1  | 4.1  | 5.2  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.4  | 0.0  |
| 3.7  | 4.3  | 2.9  | 2.2  | 3.9  | 4.0  | 2.2  |
| 12.4 | 16.2 | 14.6 | 13.3 | 18.0 | 11.3 | 6.6  |
| 1.3  | 1.9  | 2.7  | 2.6  | 2.5  | 2.0  | 1.0  |
| 0.7  | 0.9  | 0.8  | 0.8  | 1.4  | 1.3  | 0.3  |
| 0.3  | 0.5  | 0.6  | 0.7  | 0.6  | 0.3  | 0.0  |
| 5.5  | 7.8  | 7.5  | 7.5  | 9.9  | 9.3  | 3.2  |
| 37.0 | 42.2 | 33.4 | 29.0 | 44.9 | 43.6 | 27.6 |
| 0.0  | 0.0  | 0.3  | 0.2  | 0.0  | 0.2  | 0.0  |
| 6.5  | 6.4  | 7.0  | 9.1  | 7.3  | 6.1  | 11.8 |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.9  | 1.1  | 2.2  | 1.9  | 2.6  | 1.2  | 0.1  |
| 9.3  | 9.8  | 5.7  | 6.4  | 9.9  | 8.7  | 10.3 |
| 7.5  | 9.0  | 7.1  | 8.0  | 8.6  | 9.0  | 10.9 |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.1   | 0.0   | 0.3   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.7   | 0.9   | 1.0   | 0.9   | 0.8   | 1.3   | 0.4   |
| 0.1   | 0.0   | 0.2   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.2   | 0.0   |
| 0.3   | 0.5   | 0.7   | 0.6   | 1.0   | 1.0   | 0.0   |
| 12.8  | 11.9  | 11.6  | 11.5  | 16.5  | 16.4  | 7.5   |
| 9.6   | 11.1  | 7.6   | 8.9   | 14.9  | 11.3  | 5.3   |
| 12.8  | 16.6  | 15.1  | 16.9  | 16.5  | 10.9  | 6.1   |
| 3.4   | 4.0   | 5.7   | 5.9   | 4.7   | 5.2   | 6.7   |
| 0.5   | 1.5   | 2.8   | 2.3   | 1.2   | 2.7   | 0.1   |
| 0.5   | 0.4   | 0.6   | 0.5   | 0.6   | 0.5   | 0.4   |
| 5.6   | 5.1   | 5.1   | 6.3   | 5.8   | 5.3   | 5.4   |
| 0.8   | 0.6   | 2.0   | 1.5   | 1.9   | 1.9   | 4.2   |
| 3.7   | 5.1   | 6.6   | 7.3   | 4.1   | 8.0   | 5.9   |
| 0.2   | 0.1   | 0.3   | 0.2   | 0.2   | 0.3   | 0.1   |
| 0.9   | 1.7   | 0.7   | 0.7   | 0.6   | 1.8   | 1.9   |
| 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 3.1   | 4.2   | 4.2   | 5.6   | 4.9   | 5.4   | 4.4   |
| 4.2   | 6.2   | 4.8   | 6.5   | 5.8   | 3.9   | 4.4   |
| 5.7   | 8.6   | 7.0   | 8.3   | 5.6   | 7.7   | 10.6  |
| 0.0   | 0.1   | 0.2   | 0.4   | 0.1   | 0.1   | 0.0   |
| 2.7   | 3.2   | 3.9   | 3.7   | 3.5   | 2.9   | 4.2   |
| 17.9  | 13.3  | 10.5  | 13.3  | 14.6  | 17.0  | 24.7  |
| 26.0  | 22.2  | 26.6  | 31.3  | 26.1  | 23.5  | 39.8  |
| 18.4  | 26.4  | 30.3  | 35.0  | 24.7  | 25.3  | 29.0  |
| 0.7   | 1.2   | 3.4   | 3.1   | 4.5   | 0.8   | 3.2   |
| 0.2   | 0.2   | 0.3   | 0.2   | 0.7   | 0.1   | 0.0   |
| 31.7  | 34.8  | 29.6  | 32.8  | 41.3  | 52.1  | 25.9  |
| 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.1   | 0.0   |
| 3.2   | 2.9   | 3.2   | 4.0   | 3.4   | 3.2   | 4.2   |
| 1.0   | 0.7   | 1.4   | 1.2   | 1.8   | 0.9   | 0.2   |
| 5.4   | 6.2   | 6.6   | 6.3   | 8.5   | 6.3   | 0.8   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.0   |
| 0.1   | 0.2   | 0.0   | 0.1   | 0.0   | 0.2   | 0.0   |
| 1.2   | 2.7   | 4.6   | 3.8   | 2.2   | 4.0   | 0.7   |
| 0.5   | 0.9   | 0.5   | 1.7   | 0.6   | 1.2   | 0.2   |
| 3.4   | 6.5   | 14.2  | 14.2  | 5.1   | 14.7  | 2.4   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 3.1   | 3.3   | 4.1   | 5.1   | 4.0   | 3.8   | 3.3   |
| 3.3   | 3.6   | 2.6   | 2.2   | 5.2   | 4.8   | 0.9   |
| 2.9   | 2.9   | 2.3   | 2.5   | 3.6   | 3.1   | 3.6   |
| 0.8   | 0.8   | 1.5   | 0.6   | 1.1   | 1.8   | 0.7   |
| 1.0   | 1.0   | 1.2   | 0.9   | 1.4   | 1.0   | 0.8   |
| 0.3   | 0.5   | 0.6   | 0.7   | 0.5   | 0.5   | 0.4   |
| 0.0   | 0.1   | 0.2   | 0.2   | 0.0   | 0.0   | 0.0   |
| 129.5 | 138.9 | 158.7 | 187.0 | 163.8 | 168.1 | 156.6 |
| 0.1   | 0.2   | 0.2   | 0.2   | 0.3   | 0.1   | 0.0   |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.0   | 0.0   | 0.1   | 0.3   | 0.0   | 0.0   | 0.0   |
| 4.7   | 6.8   | 6.2   | 4.8   | 6.2   | 7.0   | 1.7   |
| 9.8   | 9.2   | 8.5   | 11.6  | 10.3  | 11.0  | 14.0  |
| 7.1   | 6.6   | 7.8   | 9.5   | 10.1  | 7.4   | 7.1   |
| 3.3   | 6.7   | 6.4   | 6.4   | 3.9   | 7.2   | 3.6   |
| 3.9   | 3.6   | 3.7   | 4.0   | 6.7   | 5.1   | 2.5   |
| 1.9   | 2.8   | 2.3   | 2.3   | 2.3   | 2.8   | 3.9   |
| 0.0   | 0.0   | 0.2   | 0.2   | 0.0   | 0.1   | 0.0   |
| 0.7   | 1.0   | 0.7   | 0.7   | 1.4   | 0.9   | 0.2   |
| 0.2   | 0.1   | 0.5   | 0.3   | 0.0   | 0.8   | 0.2   |
| 0.2   | 0.3   | 0.4   | 0.2   | 0.1   | 0.6   | 0.3   |
| 0.2   | 0.1   | 0.9   | 0.4   | 0.4   | 0.2   | 0.5   |
| 4.6   | 4.9   | 3.9   | 4.1   | 7.7   | 5.3   | 0.9   |
| 13.6  | 17.4  | 18.7  | 17.9  | 18.5  | 17.7  | 15.8  |
| 0.1   | 0.1   | 0.5   | 0.4   | 0.3   | 0.2   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 7.7   | 12.4  | 10.5  | 12.2  | 11.3  | 12.0  | 6.7   |
| 1.2   | 1.8   | 2.8   | 3.1   | 2.4   | 3.3   | 1.5   |
| 0.0   | 0.1   | 0.3   | 0.4   | 0.1   | 0.2   | 0.0   |
| 1.8   | 2.3   | 3.7   | 4.0   | 2.9   | 3.4   | 3.2   |
| 13.6  | 19.5  | 24.9  | 28.3  | 26.3  | 22.4  | 20.0  |
| 0.5   | 0.9   | 0.9   | 0.5   | 0.9   | 0.7   | 0.5   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.2   | 0.1   | 0.0   |
| 0.7   | 0.6   | 1.4   | 1.6   | 0.6   | 1.0   | 0.0   |
| 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.0   |
| 14.9  | 18.0  | 16.0  | 17.5  | 17.7  | 20.4  | 12.1  |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 2.1   | 2.1   | 2.3   | 2.9   | 2.7   | 2.7   | 4.0   |
| 0.2   | 0.5   | 1.1   | 1.1   | 0.6   | 1.5   | 0.2   |
| 26.2  | 24.3  | 18.7  | 18.7  | 25.0  | 31.9  | 12.9  |
| 2.9   | 2.0   | 2.5   | 2.0   | 2.7   | 2.4   | 3.7   |
| 2.2   | 3.6   | 3.1   | 4.2   | 4.8   | 4.3   | 0.2   |
| 0.1   | 0.1   | 0.5   | 0.2   | 0.2   | 0.2   | 0.0   |
| 137.4 | 186.9 | 188.2 | 196.9 | 190.4 | 221.3 | 298.2 |
| 1.7   | 1.8   | 1.7   | 1.6   | 2.1   | 3.0   | 2.2   |
| 1.7   | 1.6   | 2.8   | 3.2   | 3.1   | 4.2   | 1.8   |
| 0.6   | 0.8   | 1.1   | 1.2   | 0.9   | 0.6   | 0.6   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.8   | 0.0   | 0.0   |
| 1.9   | 1.5   | 2.0   | 2.3   | 2.1   | 2.5   | 2.8   |
| 0.1   | 0.4   | 0.4   | 0.7   | 0.3   | 0.4   | 0.3   |
| 6.8   | 11.0  | 7.5   | 9.6   | 10.4  | 8.5   | 12.4  |
| 0.2   | 0.0   | 0.2   | 0.4   | 0.4   | 0.0   | 0.0   |
| 1.8   | 5.4   | 6.2   | 6.9   | 3.4   | 11.0  | 1.4   |
| 1.4   | 1.6   | 2.3   | 2.6   | 1.9   | 1.8   | 2.2   |
| 3.0   | 3.3   | 3.4   | 3.7   | 3.2   | 3.9   | 2.8   |
| 0.3   | 0.3   | 0.7   | 0.3   | 0.5   | 1.0   | 0.6   |
| 0.8   | 0.7   | 0.6   | 0.6   | 1.1   | 1.0   | 0.8   |

|        |       |        |       |        |        |       |
|--------|-------|--------|-------|--------|--------|-------|
| 0.0    | 0.0   | 0.2    | 0.1   | 0.1    | 0.1    | 0.0   |
| 0.1    | 0.1   | 0.1    | 0.2   | 0.0    | 0.0    | 0.0   |
| 0.1    | 0.0   | 0.0    | 0.4   | 0.0    | 0.0    | 0.0   |
| 0.8    | 1.2   | 2.0    | 2.1   | 2.3    | 2.0    | 0.4   |
| 0.1    | 0.3   | 0.5    | 0.2   | 0.5    | 0.5    | 0.0   |
| 0.2    | 0.3   | 1.0    | 0.6   | 0.6    | 0.2    | 0.5   |
| 48.1   | 51.1  | 51.2   | 52.4  | 64.2   | 51.3   | 58.1  |
| 0.7    | 0.9   | 0.8    | 0.8   | 0.9    | 0.8    | 1.1   |
| 104.8  | 24.6  | 27.9   | 16.4  | 26.8   | 70.0   | 34.4  |
| 5.5    | 6.5   | 6.9    | 7.3   | 5.0    | 7.1    | 7.3   |
| 1.5    | 1.7   | 2.4    | 2.8   | 1.6    | 2.4    | 1.4   |
| 25.3   | 33.7  | 27.8   | 30.8  | 28.0   | 29.4   | 30.9  |
| 1.6    | 1.9   | 2.1    | 2.7   | 2.4    | 1.7    | 1.2   |
| 3.7    | 3.1   | 4.7    | 4.5   | 4.0    | 3.9    | 3.0   |
| 0.0    | 0.0   | 0.2    | 0.0   | 0.0    | 0.5    | 0.0   |
| 4.0    | 6.1   | 3.0    | 4.1   | 6.2    | 5.6    | 0.7   |
| 4.5    | 8.2   | 8.5    | 10.2  | 10.0   | 10.6   | 6.5   |
| 0.8    | 0.9   | 1.0    | 0.8   | 1.1    | 1.4    | 1.0   |
| 1.6    | 2.6   | 4.6    | 4.1   | 2.0    | 3.6    | 0.6   |
| 5.0    | 4.5   | 6.5    | 5.3   | 6.7    | 4.6    | 5.2   |
| 0.9    | 1.1   | 1.2    | 1.2   | 1.1    | 1.5    | 1.4   |
| 0.1    | 0.1   | 0.0    | 0.2   | 0.2    | 0.0    | 0.0   |
| 0.1    | 0.0   | 0.1    | 0.1   | 0.2    | 0.0    | 0.0   |
| 32.3   | 28.1  | 35.2   | 35.6  | 31.1   | 39.0   | 43.0  |
| 8.3    | 14.2  | 27.5   | 26.6  | 21.5   | 37.9   | 1.6   |
| 1.2    | 3.3   | 4.0    | 4.1   | 2.0    | 3.9    | 1.3   |
| 2.2    | 2.6   | 2.8    | 2.7   | 2.8    | 3.6    | 1.9   |
| 1.8    | 2.5   | 4.3    | 2.1   | 4.3    | 4.0    | 1.3   |
| 5.1    | 6.3   | 6.9    | 7.4   | 7.6    | 9.1    | 4.8   |
| 1.4    | 2.1   | 1.6    | 1.4   | 1.3    | 2.0    | 1.8   |
| 0.2    | 0.2   | 0.2    | 0.2   | 0.3    | 0.4    | 0.3   |
| 0.6    | 0.1   | 0.7    | 0.5   | 0.5    | 0.4    | 1.2   |
| 0.0    | 0.1   | 0.0    | 0.1   | 0.1    | 0.1    | 0.2   |
| 2.2    | 3.8   | 2.3    | 3.3   | 2.7    | 2.2    | 2.6   |
| 0.9    | 1.5   | 1.3    | 1.7   | 2.1    | 1.4    | 1.7   |
| 0.0    | 0.1   | 0.1    | 0.1   | 0.1    | 0.0    | 0.0   |
| 0.0    | 0.0   | 0.5    | 0.2   | 0.0    | 0.0    | 0.0   |
| 2763.5 | 889.1 | 1477.9 | 694.9 | 1208.5 | 1052.6 | 672.3 |
| 0.2    | 0.1   | 0.9    | 0.5   | 0.9    | 0.1    | 0.0   |
| 0.2    | 0.5   | 0.4    | 0.1   | 0.5    | 0.4    | 0.0   |
| 2.9    | 4.4   | 5.8    | 6.5   | 6.6    | 6.0    | 2.7   |
| 7.1    | 9.6   | 12.2   | 11.7  | 9.6    | 9.7    | 9.6   |
| 0.7    | 0.8   | 1.5    | 1.1   | 1.1    | 1.0    | 0.9   |
| 0.0    | 0.0   | 0.1    | 0.0   | 0.0    | 0.0    | 0.0   |
| 0.0    | 0.0   | 0.1    | 0.1   | 0.0    | 0.0    | 0.0   |
| 0.5    | 0.6   | 0.5    | 0.5   | 0.9    | 0.7    | 0.1   |
| 0.1    | 0.0   | 0.3    | 0.2   | 0.0    | 0.3    | 0.0   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 4.0  | 6.3  | 4.0  | 5.3  | 7.3  | 7.4  | 2.6  |
| 0.1  | 0.2  | 0.5  | 0.3  | 0.6  | 0.2  | 0.5  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.5  | 1.3  | 2.4  | 1.9  | 1.1  | 1.6  | 1.4  |
| 2.7  | 2.5  | 2.0  | 1.6  | 3.0  | 2.2  | 0.3  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.4  | 0.6  | 0.8  | 0.8  | 0.6  | 0.6  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.2  | 0.2  | 0.4  | 0.0  |
| 0.9  | 1.2  | 0.7  | 0.8  | 1.5  | 1.2  | 0.3  |
| 7.7  | 10.6 | 9.8  | 11.8 | 10.5 | 9.1  | 6.5  |
| 30.5 | 36.8 | 39.2 | 46.3 | 41.7 | 40.9 | 48.9 |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.0  | 0.1  | 0.0  |
| 4.6  | 6.9  | 7.3  | 6.9  | 7.8  | 9.8  | 4.6  |
| 1.4  | 0.9  | 1.0  | 0.9  | 2.5  | 2.0  | 0.8  |
| 0.1  | 0.1  | 0.3  | 0.4  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.2  | 0.2  | 0.3  | 0.2  | 0.3  | 0.0  |
| 8.6  | 12.1 | 12.2 | 15.2 | 11.5 | 10.1 | 4.8  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.0  | 0.1  | 0.0  |
| 2.0  | 2.8  | 2.5  | 2.3  | 3.7  | 3.9  | 1.5  |
| 19.4 | 23.0 | 20.9 | 20.2 | 27.0 | 23.7 | 10.5 |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 1.3  | 1.9  | 1.2  | 1.2  | 2.0  | 2.4  | 1.4  |
| 5.8  | 6.2  | 5.7  | 5.3  | 5.7  | 8.8  | 6.9  |
| 0.5  | 0.4  | 0.6  | 1.0  | 0.5  | 0.5  | 0.0  |
| 0.5  | 1.3  | 0.5  | 1.0  | 1.0  | 1.6  | 0.2  |
| 24.3 | 18.3 | 23.0 | 23.0 | 26.9 | 30.9 | 22.5 |
| 0.0  | 0.0  | 0.4  | 1.0  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.4  | 0.2  | 0.3  | 0.2  | 0.3  | 0.7  |
| 0.9  | 0.9  | 0.9  | 0.9  | 0.9  | 1.2  | 0.4  |
| 0.7  | 0.9  | 0.6  | 1.0  | 0.9  | 1.0  | 0.2  |
| 9.4  | 8.9  | 11.6 | 13.5 | 12.3 | 13.2 | 13.6 |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.2  | 0.0  | 0.0  | 0.0  | 4.2  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

|     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 1.3 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.8 | 1.0 | 1.6 | 2.0 | 1.2 | 1.7 | 0.5 |
| 0.0 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 1.3 | 1.5 | 1.4 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 3.8 | 2.6 | 4.5 | 0.0 | 2.3 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2.9 | 0.0 | 0.0 | 1.3 | 1.3 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.5 | 0.0 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 1.4 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 8.2 | 9.0 | 9.3 | 8.3 | 8.9 | 8.2 | 5.6 |



|     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 1.2 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 2.4 | 0.0 | 1.4 | 1.4 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 2.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.8 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.7 | 0.0 | 0.0 | 1.3 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.8 | 0.0 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

[illegible]

|     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9.1 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 2.7 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.2 | 0.1 | 0.1 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 1.3 | 0.0 | 0.0 | 0.0 | 4.7 | 0.0 |
| 1.0 | 1.5 | 0.0 | 0.0 | 1.7 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 1.5 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.8 | 0.0 | 0.0 | 0.0 | 2.8 | 4.3 | 0.0 |
| 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2.9 | 1.1 | 5.6 | 1.3 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 1.7 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4.6 | 4.8 | 4.8 | 5.3 | 6.6 | 5.9 | 4.2 |

[illegible]

|     |     |     |      |      |      |      |
|-----|-----|-----|------|------|------|------|
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 2.2 | 3.4 | 0.0 | 4.0  | 1.3  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0 | 1.1 | 3.4 | 2.7  | 0.0  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0 | 1.2 | 1.2 | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.7 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0 | 0.0 | 1.1 | 0.0  | 0.0  | 0.0  | 0.0  |
| 2.2 | 3.4 | 4.5 | 8.0  | 0.0  | 6.0  | 0.0  |
| 2.8 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.5 | 1.1 | 0.0 | 0.0  | 1.3  | 2.0  | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.0 | 1.3  | 1.2  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 2.5  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.0 | 2.6  | 0.0  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 8.9 | 7.8 | 8.7 | 11.1 | 13.5 | 16.7 | 24.9 |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.7 | 3.2 | 0.0 | 0.0  | 0.0  | 5.7  | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 1.3  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0 | 2.2 | 0.0 | 2.6  | 0.0  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.0 | 1.3  | 0.0  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0 | 1.2 | 0.0 | 0.0  | 0.0  | 8.6  | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.7  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.7  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.4  | 0.0  | 0.0  | 1.3  | 1.2  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 4.9  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.5  | 2.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 3.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 1.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 1.6  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 2.6  | 0.0  | 0.0  | 0.0  | 4.6  | 12.9 |
| 35.9 | 50.2 | 40.8 | 23.9 | 43.8 | 64.3 | 47.6 |
| 0.0  | 0.0  | 2.4  | 1.4  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.6  | 1.1  | 1.3  | 1.2  | 0.8  | 0.9  | 0.9  |
| 0.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2.3  | 2.4  | 7.2  | 7.0  | 9.5  | 6.3  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.5  | 1.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 1.6  | 0.0  | 0.0  | 0.0  |

|     |     |     |     |     |      |     |
|-----|-----|-----|-----|-----|------|-----|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 3.1 | 0.0 | 1.8 | 0.0 | 5.4  | 0.0 |
| 0.0 | 2.2 | 0.0 | 1.3 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 1.1 | 3.4 | 1.7 | 2.0 | 0.0 | 12.2 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 3.7 | 8.9 | 0.0 | 2.6 | 0.0 | 9.9  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.0 | 1.8 | 0.0 | 2.7  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 4.6 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.0 | 1.4 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 1.1 | 1.1 | 0.0 | 0.0 | 1.9  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 1.1 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 8.1 | 1.6 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 1.6 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 1.5 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6  | 0.0 |

|     |     |     |     |      |     |      |
|-----|-----|-----|-----|------|-----|------|
| 2.4 | 2.5 | 3.7 | 0.0 | 0.0  | 2.2 | 0.0  |
| 2.1 | 4.3 | 1.1 | 2.5 | 7.4  | 0.0 | 0.0  |
| 0.0 | 0.0 | 1.3 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 1.5 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 4.3 | 4.3 | 0.0 | 2.5  | 3.8 | 13.3 |
| 0.0 | 0.0 | 1.4 | 0.0 | 3.1  | 0.0 | 0.0  |
| 0.6 | 1.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.7 | 0.0 | 1.1 | 1.3 | 1.2  | 3.8 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 1.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 2.2 | 2.2 | 0.0 | 0.0 | 18.6 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 1.1 | 1.1 | 0.0 | 1.3  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 1.1 | 1.1 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 2.3 | 3.3  |
| 1.3 | 0.0 | 2.9 | 1.1 | 2.2  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 1.1 | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 2.8 | 0.0 | 0.0 | 1.6  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 1.5 | 1.1 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 1.3 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0 | 5.0 | 6.2 | 4.4 | 0.0  | 8.8 | 0.0  |
| 0.1 | 0.1 | 0.4 | 0.3 | 0.0  | 0.2 | 0.0  |



|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 1.3   | 3.9   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.3   | 0.0   | 0.0   | 0.0   | 0.0   | 1.7   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.7   | 1.3   | 2.6   | 1.5   | 7.4   | 6.9   | 0.0   |
| 0.0   | 0.0   | 0.0   | 1.1   | 0.0   | 8.6   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 1.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.6   | 0.0   | 1.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.6   | 1.0   | 0.0   | 0.0   | 0.0   | 3.4   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 3.5   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 1.2   | 1.2   | 1.4   | 1.4   | 6.4   | 0.0   |
| 0.6   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.7   | 3.4   | 1.1   | 1.3   | 0.0   | 2.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 1.1   | 2.3   | 2.7   | 1.3   | 6.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 9.6   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 264.0 | 366.5 | 273.4 | 311.5 | 380.7 | 217.7 | 105.2 |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 1.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 8.4   | 11.6  | 8.2   | 9.4   | 12.2  | 11.2  | 13.2  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.6   | 0.0   | 2.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.6   | 1.2   | 0.0   | 9.8   | 0.0   | 2.1   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 1.0   | 2.9   | 2.3   | 0.0   | 0.0   | 0.0   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 1.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 3.7  | 1.9  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.4  | 3.2  | 1.1  | 0.0  | 0.0  | 1.9  | 18.5 |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.7  | 1.1  | 2.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.7  | 0.0  | 0.0  | 0.0  | 1.4  | 0.0  | 0.0  |
| 0.0  | 0.0  | 1.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.3  | 2.9  | 1.0  | 1.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.6  | 1.0  | 0.0  | 0.0  | 0.0  | 0.0  | 9.6  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 1.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 1.4  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.7  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3.5  | 0.0  | 0.0  | 0.0  | 0.0  | 2.3  | 0.0  |
| 1.4  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 1.1  | 0.0  | 0.0  | 0.0  | 2.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3.4  | 1.3  | 3.9  | 6.1  | 0.0  | 4.6  | 0.0  |
| 4.2  | 6.3  | 2.7  | 5.3  | 3.1  | 3.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 11.2 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.3  | 0.2  | 0.0  | 0.0  | 0.0  |
| 8.7  | 10.6 | 11.9 | 14.9 | 12.3 | 9.7  | 8.6  |
| 0.0  | 0.0  | 0.7  | 0.2  | 0.1  | 0.6  | 0.0  |
| 0.9  | 1.0  | 1.0  | 0.9  | 1.2  | 0.9  | 0.2  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 14.3 | 15.6 | 12.8 | 11.8 | 16.3 | 19.0 | 8.4  |
| 1.8  | 2.2  | 1.6  | 1.7  | 2.3  | 2.1  | 1.0  |

|         |         |         |        |         |         |         |
|---------|---------|---------|--------|---------|---------|---------|
| 21.3    | 28.2    | 21.1    | 24.4   | 26.1    | 30.2    | 28.4    |
| 0.0     | 0.0     | 0.0     | 0.0    | 0.0     | 0.0     | 0.0     |
| 0.4     | 0.1     | 0.1     | 0.1    | 0.0     | 0.4     | 0.0     |
| 30.3    | 31.0    | 29.2    | 32.0   | 31.3    | 26.4    | 23.9    |
| 0.0     | 0.0     | 0.1     | 0.0    | 0.2     | 0.0     | 0.0     |
| 15.1    | 10.3    | 14.6    | 15.9   | 13.2    | 13.1    | 19.7    |
| 0.2     | 0.7     | 0.4     | 0.6    | 1.2     | 0.8     | 0.0     |
| 18.4    | 16.6    | 18.0    | 20.4   | 21.0    | 15.4    | 31.4    |
| 4.8     | 6.8     | 10.5    | 12.3   | 7.7     | 8.1     | 5.8     |
| 0.0     | 0.2     | 0.9     | 0.3    | 0.0     | 0.2     | 0.0     |
| 0.1     | 0.2     | 0.3     | 0.2    | 0.3     | 0.3     | 0.0     |
| 0.0     | 0.0     | 0.1     | 0.1    | 0.0     | 0.0     | 0.0     |
| 0.0     | 0.0     | 0.0     | 0.1    | 0.0     | 0.0     | 0.0     |
| 3.5     | 4.1     | 3.4     | 4.0    | 4.1     | 3.4     | 6.0     |
| 212.6   | 315.0   | 235.1   | 245.8  | 298.8   | 282.8   | 135.3   |
| 0.1     | 0.2     | 0.3     | 0.4    | 0.2     | 0.0     | 0.1     |
| 40.5    | 39.1    | 43.7    | 46.8   | 38.4    | 40.1    | 67.1    |
| 0.8     | 0.8     | 0.5     | 0.1    | 1.3     | 0.6     | 0.0     |
| 0.0     | 0.1     | 0.4     | 0.6    | 0.1     | 0.3     | 0.0     |
| 2.6     | 2.7     | 3.0     | 3.8    | 3.7     | 3.6     | 3.2     |
| 0.0     | 0.0     | 0.3     | 0.3    | 0.1     | 0.2     | 0.0     |
| 0.9     | 0.7     | 0.7     | 0.7    | 0.8     | 0.6     | 0.3     |
| 0.1     | 0.1     | 0.4     | 0.2    | 0.3     | 0.2     | 0.0     |
| 0.0     | 0.2     | 0.3     | 0.3    | 0.1     | 0.3     | 0.0     |
| 12.5    | 14.2    | 11.4    | 11.4   | 17.7    | 14.8    | 5.5     |
| 0.0     | 0.0     | 0.1     | 0.1    | 0.0     | 0.0     | 0.0     |
| 6.1     | 8.0     | 10.2    | 9.5    | 10.2    | 11.4    | 6.8     |
| 0.4     | 0.5     | 0.7     | 0.4    | 0.9     | 0.4     | 0.1     |
| 0.1     | 0.2     | 0.3     | 0.1    | 0.2     | 0.4     | 0.3     |
| 0.1     | 0.1     | 0.1     | 0.1    | 0.1     | 0.1     | 0.2     |
| 3.7     | 4.0     | 1.9     | 1.8    | 4.8     | 3.6     | 0.5     |
| 0.1     | 0.3     | 0.9     | 0.8    | 0.4     | 0.6     | 0.0     |
| 6.0     | 5.9     | 7.0     | 8.8    | 7.3     | 7.2     | 9.3     |
| 0.0     | 0.1     | 0.2     | 0.2    | 0.1     | 0.1     | 0.0     |
| 0.1     | 0.4     | 0.8     | 0.6    | 0.3     | 0.4     | 0.1     |
| 0.0     | 0.1     | 0.5     | 0.1    | 0.0     | 0.1     | 0.0     |
| 5.6     | 8.7     | 8.6     | 8.7    | 9.7     | 7.9     | 7.7     |
| 0.9     | 1.2     | 1.1     | 1.2    | 1.1     | 1.1     | 1.1     |
| 4.5     | 4.8     | 3.8     | 4.1    | 7.2     | 5.3     | 5.0     |
| 1.7     | 2.6     | 1.7     | 2.2    | 3.0     | 2.3     | 1.9     |
| 0.0     | 0.0     | 1.0     | 0.7    | 0.0     | 0.0     | 0.0     |
| 11.5    | 11.4    | 12.4    | 15.8   | 12.8    | 12.6    | 20.6    |
| 17.8    | 13.5    | 18.3    | 22.7   | 20.4    | 18.4    | 25.0    |
| 5.5     | 7.1     | 12.9    | 12.5   | 9.4     | 11.0    | 10.1    |
| 22211.5 | 15713.9 | 13480.0 | 7805.2 | 10446.4 | 20398.5 | 28851.3 |
| 35.7    | 53.8    | 60.1    | 68.7   | 48.8    | 58.5    | 78.4    |
| 13513.8 | 16870.2 | 12830.5 | 6415.7 | 6873.5  | 15336.4 | 12088.8 |

|         |         |         |         |         |         |         |
|---------|---------|---------|---------|---------|---------|---------|
| 74421.2 | 12098.3 | 33279.4 | 9680.0  | 10252.0 | 7856.2  | 14701.3 |
| 0.0     | 0.1     | 0.1     | 0.1     | 0.0     | 0.1     | 0.0     |
| 27101.8 | 10595.4 | 30206.7 | 13139.4 | 14120.2 | 17657.5 | 31230.1 |
| 30735.6 | 16424.0 | 40916.1 | 8780.6  | 11319.6 | 23789.0 | 18424.1 |
| 0.0     | 0.1     | 0.3     | 0.2     | 0.0     | 0.4     | 0.0     |
| 0.0     | 0.0     | 0.1     | 0.1     | 0.0     | 0.0     | 0.0     |
| 0.7     | 0.5     | 1.1     | 1.2     | 1.0     | 0.6     | 0.9     |
| 4.2     | 5.4     | 3.8     | 3.0     | 5.2     | 5.3     | 5.2     |
| 1.1     | 1.2     | 1.1     | 0.9     | 1.7     | 1.3     | 0.9     |
| 7.4     | 13.4    | 12.2    | 12.3    | 9.7     | 10.2    | 8.7     |
| 2.6     | 4.6     | 3.7     | 3.6     | 4.0     | 3.4     | 2.9     |
| 0.5     | 1.0     | 1.4     | 1.2     | 0.9     | 1.4     | 0.4     |
| 2.3     | 3.2     | 2.9     | 2.6     | 3.8     | 3.2     | 2.5     |
| 0.8     | 1.2     | 2.4     | 2.0     | 1.5     | 1.1     | 0.0     |
| 0.0     | 0.1     | 0.4     | 0.3     | 0.0     | 0.2     | 0.0     |
| 0.3     | 0.2     | 0.1     | 0.1     | 0.4     | 0.5     | 0.0     |
| 30.4    | 44.8    | 34.2    | 38.5    | 44.4    | 42.7    | 24.7    |
| 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 2.4     | 3.1     | 5.2     | 4.8     | 4.5     | 5.3     | 1.0     |
| 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 3.9     | 4.1     | 3.8     | 4.0     | 5.9     | 5.3     | 2.1     |
| 1.7     | 2.4     | 2.3     | 2.9     | 2.5     | 3.6     | 2.0     |
| 3.4     | 3.6     | 3.4     | 3.8     | 3.4     | 3.6     | 4.4     |
| 16.4    | 17.8    | 19.2    | 16.6    | 18.9    | 15.4    | 26.5    |
| 0.3     | 0.4     | 1.0     | 0.7     | 0.5     | 0.6     | 0.2     |
| 10.1    | 8.9     | 7.3     | 8.1     | 9.9     | 11.0    | 6.0     |
| 6.6     | 9.0     | 7.4     | 8.4     | 6.9     | 9.9     | 7.1     |
| 0.2     | 0.2     | 0.4     | 0.5     | 0.2     | 0.3     | 0.0     |
| 0.0     | 0.1     | 0.2     | 0.3     | 0.1     | 0.1     | 0.0     |
| 0.1     | 0.3     | 1.1     | 0.4     | 0.0     | 0.0     | 0.0     |
| 2.3     | 4.0     | 6.4     | 5.5     | 2.7     | 4.5     | 2.6     |
| 0.8     | 0.9     | 1.1     | 1.0     | 1.1     | 1.1     | 0.3     |
| 0.0     | 0.1     | 0.0     | 0.3     | 0.1     | 0.1     | 0.0     |
| 0.1     | 0.3     | 0.5     | 0.5     | 0.2     | 0.4     | 0.1     |
| 85.8    | 145.3   | 116.9   | 134.7   | 113.0   | 154.5   | 158.8   |
| 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 3.2     | 2.7     | 3.2     | 4.3     | 4.4     | 3.4     | 5.0     |
| 4.3     | 3.6     | 4.1     | 4.5     | 4.5     | 6.7     | 5.1     |
| 2.3     | 3.3     | 2.6     | 2.8     | 4.4     | 4.0     | 0.6     |
| 26.1    | 24.1    | 16.4    | 14.8    | 24.7    | 33.2    | 17.9    |
| 0.7     | 0.8     | 0.5     | 0.5     | 0.7     | 0.8     | 0.0     |
| 11.1    | 13.8    | 11.1    | 11.4    | 15.5    | 17.1    | 9.6     |
| 49.3    | 42.9    | 44.0    | 51.3    | 44.9    | 49.0    | 96.8    |
| 5.5     | 7.6     | 6.6     | 6.5     | 9.0     | 7.7     | 2.2     |
| 0.0     | 0.2     | 0.0     | 0.3     | 0.0     | 0.0     | 0.0     |
| 0.0     | 0.1     | 0.1     | 0.3     | 0.4     | 0.0     | 0.0     |
| 0.0     | 0.0     | 0.0     | 0.1     | 0.0     | 0.0     | 0.0     |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.8  | 0.3  | 0.7  | 0.8  | 1.5  | 1.0  | 0.4  |
| 0.3  | 0.5  | 2.1  | 1.7  | 0.7  | 1.5  | 0.0  |
| 0.7  | 0.9  | 1.3  | 0.9  | 0.7  | 0.6  | 1.9  |
| 3.7  | 3.3  | 5.3  | 5.9  | 6.0  | 5.6  | 3.5  |
| 2.0  | 2.5  | 2.3  | 2.9  | 1.9  | 5.7  | 1.8  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.2  | 0.0  |
| 1.7  | 2.4  | 2.3  | 2.2  | 1.9  | 3.1  | 1.5  |
| 0.8  | 1.0  | 1.5  | 1.3  | 1.2  | 1.2  | 0.5  |
| 0.8  | 1.1  | 0.8  | 0.9  | 1.0  | 1.2  | 0.3  |
| 2.2  | 2.9  | 1.2  | 1.6  | 2.7  | 2.5  | 0.7  |
| 0.2  | 0.6  | 0.7  | 1.1  | 0.6  | 0.7  | 0.1  |
| 0.6  | 0.7  | 0.6  | 1.2  | 1.1  | 0.9  | 0.7  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.4  | 0.2  | 0.1  | 0.3  | 0.0  |
| 2.3  | 3.0  | 3.2  | 3.8  | 3.6  | 2.2  | 3.9  |
| 2.8  | 3.1  | 3.3  | 3.7  | 3.4  | 3.1  | 3.8  |
| 9.5  | 9.5  | 10.4 | 11.4 | 8.5  | 12.5 | 15.0 |
| 0.1  | 0.1  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.3  | 0.6  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.5  | 0.0  | 0.0  | 0.0  |
| 0.4  | 0.0  | 0.9  | 0.2  | 0.0  | 0.3  | 0.0  |
| 0.4  | 0.2  | 0.8  | 0.8  | 0.4  | 0.7  | 0.0  |
| 3.8  | 3.8  | 1.6  | 2.6  | 2.5  | 3.1  | 1.1  |
| 0.8  | 0.3  | 0.4  | 0.4  | 0.7  | 0.7  | 0.6  |
| 1.7  | 1.6  | 1.5  | 2.2  | 2.6  | 2.8  | 3.3  |
| 0.1  | 0.1  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.2  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0  |
| 1.1  | 1.9  | 0.8  | 1.2  | 0.8  | 1.0  | 0.2  |
| 0.4  | 0.2  | 0.3  | 0.4  | 0.1  | 1.1  | 0.0  |
| 4.2  | 5.7  | 5.3  | 8.2  | 5.0  | 5.8  | 6.3  |
| 3.4  | 4.7  | 8.8  | 7.6  | 5.4  | 8.1  | 5.1  |
| 6.5  | 6.6  | 7.5  | 7.3  | 9.0  | 7.4  | 3.7  |
| 15.4 | 13.3 | 14.5 | 19.9 | 17.1 | 14.9 | 9.6  |
| 0.0  | 0.0  | 1.2  | 1.2  | 0.5  | 0.9  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.5  | 0.1  | 0.0  | 0.0  | 0.0  |
| 1.8  | 3.4  | 3.4  | 3.8  | 2.8  | 3.1  | 2.8  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2.7  | 4.9  | 4.0  | 4.4  | 6.3  | 3.7  | 1.3  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.4  | 0.5  | 0.2  | 0.5  | 0.7  | 0.8  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 2.3  | 2.4  | 2.5  | 3.0  | 3.2  | 3.6  | 4.8  |
| 0.0  | 0.0  | 0.0  | 0.0  | 1.4  | 0.0  | 0.0  |
| 1.6  | 3.3  | 5.9  | 5.2  | 3.0  | 5.6  | 2.2  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 1.4  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.5  | 0.0  | 3.1  | 0.9  | 2.6  | 1.4  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.5  | 0.5  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.0  | 0.8  | 0.4  | 0.3  | 0.1  | 0.0  |
| 0.0  | 0.0  | 1.2  | 1.4  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 26.9 | 15.8 | 18.5 | 38.9 | 39.1 | 35.0 | 22.8 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 1.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.9  | 0.0  | 2.9  | 0.0  | 0.0  | 2.5  | 0.0  |
| 0.5  | 0.6  | 0.5  | 1.0  | 0.5  | 0.9  | 0.7  |
| 0.0  | 0.0  | 0.0  | 0.0  | 6.9  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 2.6  | 0.0  |
| 0.0  | 1.5  | 0.0  | 0.0  | 1.8  | 0.0  | 11.5 |
| 0.0  | 2.3  | 0.0  | 5.5  | 2.6  | 0.0  | 0.0  |
| 0.0  | 1.3  | 0.0  | 1.5  | 0.0  | 0.0  | 0.0  |
| 2.8  | 1.0  | 1.1  | 2.5  | 0.0  | 0.0  | 0.0  |
| 0.0  | 1.0  | 0.0  | 0.0  | 1.2  | 0.0  | 0.0  |
| 1.7  | 2.6  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 2.9  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 8.0  | 13.0 | 10.3 | 7.7  | 3.2  | 0.0  | 0.0  |
| 8.4  | 4.8  | 4.8  | 5.6  | 0.0  | 2.8  | 0.0  |
| 0.2  | 0.5  | 0.7  | 0.8  | 0.7  | 0.5  | 0.0  |
| 0.0  | 1.7  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 4.0  | 0.0  | 1.2  | 2.9  | 2.8  | 4.3  | 9.1  |

|       |       |       |      |      |       |       |
|-------|-------|-------|------|------|-------|-------|
| 0.0   | 0.0   | 0.0   | 1.7  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 1.5  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 2.4   | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 1.0   | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 1.4   | 0.0  | 0.0  | 0.0   | 0.0   |
| 101.9 | 43.0  | 144.3 | 72.4 | 39.2 | 143.5 | 42.5  |
| 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 2.3   | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 1.5  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   |
| 1.5   | 3.5   | 2.4   | 1.4  | 6.7  | 6.2   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.3   | 0.2   | 1.3   | 0.6  | 0.3  | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   |
| 392.9 | 165.3 | 175.1 | 49.9 | 93.0 | 105.3 | 132.2 |
| 1.1   | 3.2   | 0.0   | 0.0  | 0.0  | 11.5  | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.1  | 0.0  | 0.3   | 0.0   |
| 0.0   | 0.0   | 1.0   | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.0   | 1.1   | 3.3   | 2.6  | 6.3  | 3.9   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   |
| 1.2   | 0.9   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   |

|     |     |      |     |     |     |      |
|-----|-----|------|-----|-----|-----|------|
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 1.7 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 1.0 | 0.0 | 0.0 | 0.0  |
| 2.0 | 6.2 | 25.0 | 9.8 | 8.3 | 9.2 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 2.2 | 5.0 | 4.6  | 3.8 | 4.5 | 4.8 | 1.3  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 4.4 | 5.3 | 4.5  | 3.7 | 4.5 | 4.7 | 1.5  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.1  | 0.1 | 0.0 | 0.0 | 0.0  |
| 2.6 | 0.0 | 0.0  | 4.7 | 2.3 | 0.0 | 0.0  |
| 0.7 | 4.2 | 3.2  | 5.0 | 3.6 | 1.9 | 34.0 |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 1.1 | 1.6 | 1.6  | 1.9 | 0.0 | 2.9 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.2 | 0.4 | 0.7  | 0.8 | 0.3 | 0.6 | 0.6  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  |



|     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|
| 0.8 | 2.5 | 0.0 | 0.0 | 0.0 | 2.2 | 0.0 |
| 0.0 | 0.0 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 1.1 | 3.4 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 2.4 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 3.1 | 0.0 | 2.4 | 0.0 |
| 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.7 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 2.7 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.1 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 1.4 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2.6 | 1.3 | 0.0 | 3.1 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 1.1 | 0.0 | 0.0 | 0.0 | 4.1 | 0.0 |
| 0.0 | 0.0 | 0.0 | 2.6 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.5 | 0.0 |

|      |      |      |      |      |      |     |
|------|------|------|------|------|------|-----|
| 10.7 | 12.8 | 11.9 | 12.3 | 15.3 | 13.1 | 7.9 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 1.6  | 1.8  | 1.6  | 1.5  | 1.4  | 2.1  | 1.3 |
| 0.1  | 0.3  | 0.8  | 0.8  | 0.3  | 0.7  | 0.3 |
| 7.0  | 6.8  | 7.0  | 7.5  | 10.0 | 8.5  | 4.8 |
| 1.2  | 0.9  | 1.4  | 2.0  | 0.7  | 1.2  | 0.0 |
| 8.6  | 9.9  | 8.6  | 13.1 | 7.3  | 10.0 | 5.2 |
| 0.4  | 0.6  | 0.5  | 1.5  | 1.0  | 1.0  | 0.0 |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.2  | 0.0 |
| 0.1  | 0.0  | 1.0  | 0.1  | 0.0  | 0.0  | 0.0 |
| 4.3  | 2.9  | 5.4  | 5.9  | 5.0  | 4.8  | 5.8 |
| 0.9  | 1.2  | 1.7  | 1.5  | 1.1  | 1.1  | 0.4 |
| 0.5  | 0.6  | 1.0  | 1.1  | 0.6  | 0.8  | 0.3 |
| 2.4  | 2.2  | 2.0  | 1.8  | 2.8  | 2.7  | 1.2 |
| 2.8  | 2.6  | 3.5  | 3.4  | 3.9  | 2.5  | 2.9 |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0 |
| 0.1  | 0.3  | 0.4  | 0.5  | 0.2  | 0.5  | 0.1 |
| 0.1  | 0.1  | 0.1  | 0.5  | 0.1  | 0.1  | 0.0 |
| 1.7  | 1.6  | 1.2  | 1.4  | 2.0  | 1.2  | 1.0 |
| 3.2  | 6.9  | 5.4  | 5.8  | 8.1  | 9.8  | 3.7 |
| 0.3  | 0.5  | 0.6  | 0.6  | 0.6  | 0.4  | 0.3 |
| 0.7  | 0.8  | 1.5  | 1.0  | 1.2  | 1.6  | 0.5 |
| 0.0  | 0.1  | 0.2  | 0.4  | 0.5  | 0.6  | 0.0 |
| 0.4  | 0.6  | 0.2  | 0.4  | 0.4  | 1.2  | 0.0 |
| 0.9  | 1.1  | 1.1  | 1.3  | 1.0  | 0.6  | 1.1 |
| 1.0  | 0.6  | 0.7  | 0.7  | 1.1  | 0.7  | 0.6 |
| 1.5  | 3.3  | 3.6  | 3.0  | 1.7  | 3.1  | 0.0 |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.1  | 0.1  | 0.0 |
| 0.1  | 0.0  | 0.5  | 0.4  | 0.2  | 0.2  | 0.0 |
| 0.1  | 0.1  | 0.3  | 0.2  | 0.2  | 0.1  | 0.1 |
| 8.9  | 10.6 | 8.9  | 12.0 | 10.7 | 10.5 | 7.7 |
| 4.4  | 4.0  | 3.0  | 3.1  | 6.4  | 5.2  | 3.7 |
| 1.4  | 1.8  | 1.9  | 1.9  | 2.0  | 1.7  | 1.9 |
| 1.5  | 2.9  | 1.3  | 1.5  | 2.0  | 3.1  | 3.3 |
| 0.2  | 0.8  | 1.3  | 1.2  | 0.5  | 1.3  | 0.2 |
| 0.1  | 0.1  | 0.2  | 0.3  | 0.2  | 0.1  | 0.0 |
| 0.8  | 0.7  | 1.1  | 1.2  | 1.3  | 0.8  | 1.0 |
| 11.6 | 18.8 | 15.0 | 16.1 | 14.7 | 12.0 | 5.9 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.2  | 0.1  | 0.4  | 0.5  | 0.0  | 0.0  | 0.0 |
| 1.3  | 1.1  | 1.9  | 2.0  | 1.5  | 1.8  | 2.0 |
| 1.0  | 1.3  | 3.3  | 3.1  | 2.1  | 2.5  | 1.2 |
| 0.2  | 0.2  | 0.4  | 0.1  | 0.1  | 0.1  | 0.4 |
| 5.3  | 8.2  | 9.5  | 8.3  | 6.3  | 7.4  | 2.7 |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.1  | 0.2  | 0.0 |
| 1.7  | 2.2  | 2.5  | 2.8  | 2.4  | 2.5  | 2.2 |
| 0.2  | 0.3  | 0.5  | 0.3  | 0.3  | 0.1  | 0.0 |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 1.4   | 1.8   | 2.2   | 2.6   | 1.5   | 2.7   | 2.3   |
| 0.1   | 0.1   | 0.4   | 0.5   | 0.0   | 0.2   | 0.0   |
| 0.5   | 0.7   | 2.1   | 1.5   | 0.8   | 3.0   | 0.7   |
| 4.1   | 6.6   | 4.3   | 3.9   | 4.7   | 6.8   | 2.2   |
| 0.1   | 0.1   | 0.1   | 0.1   | 0.2   | 0.1   | 0.3   |
| 0.4   | 1.1   | 1.2   | 1.4   | 1.2   | 0.7   | 0.0   |
| 1.6   | 1.7   | 1.4   | 3.1   | 2.7   | 2.0   | 0.3   |
| 2.9   | 2.8   | 3.0   | 3.9   | 3.3   | 3.2   | 5.6   |
| 0.1   | 0.2   | 0.5   | 0.4   | 0.2   | 0.3   | 0.0   |
| 4.7   | 3.8   | 7.1   | 6.4   | 6.0   | 4.6   | 5.1   |
| 28.3  | 28.7  | 25.0  | 23.5  | 30.5  | 30.3  | 24.7  |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.1   | 0.2   | 0.0   |
| 8.5   | 13.3  | 13.2  | 12.4  | 10.1  | 13.0  | 14.9  |
| 16.1  | 13.3  | 12.0  | 14.0  | 18.2  | 18.8  | 28.0  |
| 4.1   | 5.8   | 5.0   | 5.5   | 4.6   | 4.0   | 3.1   |
| 10.9  | 9.1   | 12.1  | 11.5  | 13.6  | 13.8  | 7.3   |
| 0.0   | 0.1   | 0.4   | 0.2   | 0.1   | 0.1   | 0.0   |
| 0.5   | 0.3   | 0.5   | 0.6   | 0.5   | 0.5   | 0.2   |
| 0.1   | 0.2   | 0.4   | 0.2   | 0.1   | 0.1   | 0.0   |
| 2.0   | 3.6   | 4.0   | 4.2   | 3.9   | 5.7   | 7.7   |
| 0.6   | 1.1   | 1.5   | 1.9   | 1.5   | 1.2   | 0.8   |
| 0.0   | 0.1   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.1   | 0.0   | 0.2   | 0.0   | 0.1   | 0.0   | 0.0   |
| 6.9   | 8.6   | 7.8   | 8.2   | 9.7   | 6.6   | 5.6   |
| 7.3   | 7.2   | 5.3   | 4.8   | 8.3   | 7.8   | 2.5   |
| 7.4   | 10.4  | 9.2   | 9.5   | 9.8   | 10.6  | 12.0  |
| 0.6   | 0.7   | 0.6   | 0.5   | 1.0   | 1.0   | 0.4   |
| 3.6   | 6.8   | 7.7   | 8.8   | 6.8   | 7.6   | 8.0   |
| 0.2   | 0.2   | 0.2   | 0.1   | 0.3   | 0.0   | 0.0   |
| 9.8   | 8.1   | 6.5   | 6.6   | 14.3  | 10.6  | 7.2   |
| 15.7  | 15.4  | 22.0  | 23.7  | 17.3  | 17.7  | 17.8  |
| 0.1   | 0.2   | 0.2   | 0.0   | 0.3   | 0.3   | 0.0   |
| 0.6   | 1.0   | 1.2   | 0.8   | 0.7   | 0.8   | 0.0   |
| 0.7   | 0.9   | 0.5   | 0.5   | 0.9   | 0.9   | 0.5   |
| 1.3   | 1.9   | 1.0   | 1.7   | 2.5   | 2.1   | 0.7   |
| 0.0   | 0.1   | 0.3   | 0.7   | 0.0   | 0.5   | 0.0   |
| 15.8  | 19.6  | 16.4  | 16.2  | 14.7  | 21.3  | 19.6  |
| 19.9  | 23.1  | 29.1  | 26.4  | 22.8  | 27.7  | 35.0  |
| 33.4  | 27.8  | 30.0  | 33.0  | 38.0  | 29.5  | 34.3  |
| 740.7 | 648.9 | 367.0 | 505.9 | 572.7 | 503.5 | 729.4 |
| 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.5   | 1.1   | 1.7   | 1.9   | 1.1   | 1.3   | 0.5   |
| 4.2   | 5.7   | 5.7   | 6.9   | 3.8   | 6.0   | 3.7   |
| 28.6  | 44.9  | 59.9  | 61.4  | 42.2  | 51.0  | 45.3  |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.4   | 1.1   | 1.2   | 0.7   | 0.2   | 0.5   | 0.2   |
| 0.1   | 0.1   | 0.5   | 0.4   | 0.1   | 0.4   | 0.0   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.3  | 0.5  | 0.0  | 0.7  | 0.0  |
| 0.6  | 1.4  | 1.1  | 0.9  | 1.7  | 1.7  | 1.6  |
| 0.0  | 0.3  | 0.1  | 0.3  | 0.3  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.4  | 0.3  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.5  | 0.1  | 0.0  | 0.2  | 0.0  |
| 5.1  | 6.5  | 5.6  | 5.3  | 5.8  | 6.4  | 7.8  |
| 0.9  | 1.4  | 1.7  | 2.0  | 1.8  | 1.4  | 0.8  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.2  | 0.0  |
| 0.2  | 0.0  | 0.9  | 0.5  | 0.0  | 0.5  | 0.0  |
| 0.1  | 0.0  | 0.5  | 0.1  | 0.2  | 1.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.3  | 0.3  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.3  | 0.8  | 0.4  | 1.0  | 1.0  | 1.5  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 45.0 | 47.5 | 64.7 | 71.5 | 61.0 | 47.6 | 52.9 |
| 48.9 | 56.4 | 36.9 | 34.3 | 48.9 | 58.2 | 47.2 |
| 0.1  | 0.1  | 0.6  | 0.2  | 0.0  | 0.5  | 0.0  |
| 17.8 | 15.1 | 20.3 | 24.4 | 21.2 | 18.5 | 22.5 |
| 6.7  | 8.5  | 7.9  | 7.6  | 8.4  | 10.8 | 8.1  |
| 0.3  | 0.3  | 0.3  | 0.4  | 0.3  | 0.3  | 0.2  |
| 0.1  | 0.1  | 0.2  | 0.3  | 0.1  | 0.3  | 0.4  |
| 24.6 | 24.9 | 20.1 | 28.1 | 36.9 | 29.1 | 11.4 |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.2  | 0.0  |
| 28.5 | 36.2 | 37.5 | 43.4 | 29.6 | 28.6 | 29.4 |
| 0.3  | 0.2  | 1.4  | 0.7  | 0.5  | 1.0  | 0.0  |
| 6.1  | 8.3  | 9.6  | 8.5  | 8.3  | 7.6  | 10.7 |
| 0.9  | 3.7  | 5.7  | 5.2  | 3.1  | 5.0  | 1.2  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.2  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 9.0  | 7.8  | 2.9  | 2.3  | 12.9 | 10.6 | 1.9  |
| 0.3  | 0.5  | 0.7  | 0.8  | 0.6  | 0.3  | 0.0  |
| 0.5  | 0.6  | 1.3  | 0.6  | 0.3  | 0.6  | 0.5  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.2  | 0.4  | 0.5  | 0.1  | 0.1  | 0.0  |
| 14.9 | 16.1 | 20.9 | 23.1 | 28.3 | 21.0 | 12.2 |
| 0.3  | 0.3  | 0.3  | 0.2  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.4  | 0.3  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.4  | 0.6  | 0.6  | 0.4  | 0.5  | 0.8  | 1.1  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.1  | 0.2  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.8  | 0.1  | 0.0  | 0.2  | 0.0  |
| 1.9  | 1.4  | 3.0  | 2.6  | 3.5  | 2.0  | 6.8  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 21.8 | 26.5 | 34.8 | 40.0 | 31.5 | 28.4 | 30.0 |
| 17.8 | 21.1 | 14.1 | 14.0 | 18.7 | 18.6 | 19.1 |
| 23.7 | 31.2 | 27.0 | 29.0 | 29.0 | 30.4 | 40.5 |
| 1.6  | 1.7  | 1.0  | 1.2  | 2.3  | 1.7  | 0.9  |
| 0.1  | 0.3  | 0.2  | 0.4  | 0.2  | 0.2  | 0.0  |
| 1.2  | 1.6  | 2.2  | 2.5  | 1.8  | 1.4  | 1.1  |
| 0.3  | 0.4  | 0.3  | 0.3  | 0.7  | 0.6  | 0.5  |
| 0.1  | 0.2  | 0.7  | 0.5  | 0.2  | 0.6  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.3  | 0.4  | 0.1  | 0.4  | 0.6  | 0.5  | 0.6  |
| 0.2  | 0.3  | 0.9  | 0.5  | 0.6  | 0.8  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.4  | 0.4  | 0.4  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.4  | 0.2  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 16.7 | 16.8 | 18.3 | 19.6 | 15.1 | 18.3 | 25.8 |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.2  | 0.3  | 0.2  | 0.1  | 0.2  | 0.4  | 0.0  |
| 1.2  | 1.4  | 1.2  | 1.1  | 1.5  | 1.7  | 1.2  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.6  | 0.1  | 0.0  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.3  | 0.0  | 0.1  | 0.0  |
| 8.6  | 10.7 | 8.8  | 9.4  | 16.4 | 17.1 | 6.1  |
| 0.2  | 0.1  | 0.2  | 0.1  | 0.3  | 0.3  | 0.5  |
| 3.1  | 5.3  | 5.4  | 5.5  | 6.0  | 5.9  | 2.2  |
| 0.2  | 0.2  | 0.4  | 0.7  | 0.2  | 0.4  | 0.4  |
| 0.2  | 0.3  | 0.2  | 0.2  | 0.3  | 0.3  | 0.1  |
| 0.2  | 0.2  | 1.5  | 0.9  | 0.2  | 0.7  | 0.2  |
| 0.2  | 0.0  | 0.8  | 0.3  | 0.0  | 0.1  | 0.0  |
| 2.9  | 4.4  | 4.1  | 4.5  | 4.5  | 4.9  | 4.8  |
| 2.7  | 3.2  | 2.4  | 3.0  | 2.7  | 2.6  | 5.2  |
| 0.0  | 0.0  | 0.0  | 0.8  | 0.0  | 0.2  | 0.0  |
| 0.7  | 1.3  | 1.0  | 1.3  | 1.4  | 1.4  | 1.2  |
| 1.5  | 2.1  | 1.8  | 1.8  | 2.0  | 1.7  | 1.3  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.4  | 0.4  | 0.3  | 0.3  | 0.7  | 0.5  | 0.2  |
| 0.4  | 1.8  | 2.9  | 2.9  | 1.3  | 2.4  | 0.6  |
| 2.8  | 2.7  | 3.0  | 3.0  | 3.1  | 3.6  | 3.3  |
| 0.0  | 0.2  | 0.4  | 0.0  | 0.1  | 0.1  | 0.6  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.3  | 0.2  | 0.0  | 0.3  | 0.0  |
| 0.4  | 0.9  | 1.7  | 1.4  | 0.8  | 0.8  | 0.4  |
| 3.6  | 4.8  | 4.2  | 5.1  | 5.3  | 5.3  | 4.7  |
| 2.0  | 3.0  | 4.2  | 4.1  | 2.0  | 3.1  | 4.4  |
| 0.0  | 0.0  | 0.5  | 0.2  | 0.1  | 0.3  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.2  | 0.6  | 1.0  | 1.3  | 0.4  | 0.4  | 0.4  |
| 2.9  | 5.2  | 7.0  | 5.8  | 5.3  | 5.3  | 4.3  |
| 0.1  | 0.1  | 0.3  | 0.2  | 0.3  | 0.4  | 0.5  |
| 1.7  | 2.3  | 2.9  | 2.6  | 2.9  | 2.5  | 0.6  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 1.1  | 1.0  | 1.2  | 1.2  | 0.8  | 0.8  | 1.2  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 3.3  | 4.1  | 2.5  | 2.1  | 4.4  | 5.2  | 1.7  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.2  | 0.0  | 0.2  | 0.2  | 0.3  | 0.0  |
| 0.5  | 0.2  | 0.6  | 0.2  | 0.3  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 19.9 | 15.8 | 17.7 | 18.2 | 24.6 | 26.5 | 29.6 |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 34.1 | 39.4 | 34.8 | 37.4 | 45.7 | 40.4 | 34.8 |
| 0.0  | 0.2  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.4  | 0.1  | 0.2  | 0.0  | 0.0  |
| 0.8  | 2.1  | 4.3  | 3.7  | 1.6  | 3.1  | 0.5  |
| 0.1  | 0.1  | 0.1  | 0.2  | 0.0  | 0.2  | 0.0  |
| 12.4 | 20.9 | 20.9 | 19.2 | 16.2 | 15.5 | 11.6 |
| 0.3  | 0.2  | 0.5  | 0.8  | 0.3  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  |
| 6.9  | 9.2  | 6.1  | 5.9  | 7.9  | 7.6  | 8.7  |
| 31.7 | 34.5 | 33.1 | 33.2 | 41.5 | 36.7 | 26.7 |
| 1.7  | 2.9  | 2.5  | 3.3  | 1.1  | 1.6  | 1.7  |
| 14.7 | 18.1 | 19.7 | 17.2 | 25.5 | 18.6 | 16.8 |
| 9.8  | 8.1  | 9.1  | 11.4 | 9.7  | 8.5  | 26.7 |
| 2.4  | 2.5  | 2.3  | 2.6  | 2.5  | 3.0  | 2.4  |
| 12.9 | 19.4 | 21.3 | 16.1 | 16.6 | 18.3 | 11.6 |
| 1.1  | 1.2  | 1.7  | 1.8  | 1.6  | 0.9  | 0.3  |
| 14.0 | 15.7 | 15.0 | 17.3 | 13.4 | 16.6 | 24.1 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 6.6  | 7.8  | 7.6  | 8.9  | 9.0  | 8.3  | 8.0  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.1  | 0.1  | 0.1  |
| 0.1  | 0.1  | 0.4  | 0.4  | 0.2  | 0.0  | 0.0  |
| 5.5  | 8.4  | 8.6  | 8.4  | 9.4  | 8.2  | 2.7  |
| 0.1  | 0.1  | 0.5  | 0.7  | 0.2  | 0.0  | 0.0  |
| 5.4  | 9.0  | 7.6  | 7.5  | 9.1  | 9.4  | 7.0  |
| 2.6  | 3.8  | 16.1 | 11.9 | 5.3  | 12.7 | 0.0  |
| 18.2 | 27.0 | 25.7 | 23.9 | 20.6 | 22.2 | 12.6 |
| 2.6  | 2.8  | 3.0  | 3.1  | 3.7  | 4.6  | 0.8  |
| 0.1  | 0.1  | 0.2  | 0.2  | 0.1  | 0.6  | 0.0  |
| 1.7  | 1.7  | 1.4  | 1.2  | 2.3  | 1.4  | 0.7  |
| 1.3  | 4.1  | 3.9  | 4.4  | 4.1  | 4.9  | 0.6  |
| 0.7  | 1.8  | 1.1  | 1.0  | 1.4  | 0.8  | 1.1  |
| 1.5  | 2.1  | 2.7  | 3.1  | 1.8  | 2.5  | 2.4  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.1  | 0.2  | 0.2  | 0.1  | 0.2  | 0.0  |
| 1.3  | 2.6  | 7.1  | 6.4  | 2.9  | 4.3  | 1.0  |
| 0.3  | 0.3  | 1.4  | 0.9  | 0.6  | 0.6  | 0.1  |
| 0.3  | 0.3  | 0.4  | 0.2  | 0.6  | 0.4  | 0.1  |
| 0.3  | 0.4  | 0.3  | 0.5  | 0.2  | 0.3  | 0.4  |
| 0.0  | 0.0  | 0.2  | 0.4  | 0.4  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 1.9  | 0.3  | 0.1  | 1.5  | 0.0  |
| 17.7 | 27.9 | 26.7 | 27.9 | 19.2 | 25.1 | 20.0 |
| 0.0  | 0.4  | 0.0  | 0.0  | 0.4  | 1.7  | 0.0  |
| 2.3  | 2.5  | 3.1  | 4.2  | 3.2  | 3.3  | 3.4  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.4  | 0.6  | 0.4  | 0.4  | 0.5  | 0.5  | 0.0  |
| 0.7  | 0.6  | 1.5  | 1.6  | 1.1  | 1.3  | 0.7  |
| 1.5  | 1.4  | 0.9  | 1.8  | 1.4  | 1.1  | 3.5  |
| 0.4  | 0.4  | 0.6  | 0.9  | 0.5  | 0.5  | 0.2  |
| 0.9  | 0.8  | 2.2  | 2.1  | 1.5  | 2.0  | 1.3  |
| 9.3  | 12.6 | 11.7 | 12.8 | 12.0 | 11.1 | 12.8 |
| 0.0  | 0.1  | 0.6  | 0.9  | 0.1  | 0.4  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.3  | 0.1  | 0.6  | 0.4  |
| 0.3  | 0.3  | 0.2  | 0.1  | 0.3  | 0.3  | 0.1  |
| 0.6  | 0.8  | 0.9  | 0.7  | 1.0  | 0.6  | 1.2  |
| 1.1  | 1.4  | 2.1  | 1.8  | 1.6  | 1.8  | 0.3  |
| 4.9  | 8.1  | 6.6  | 8.7  | 11.3 | 19.2 | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.3  | 0.3  | 0.3  | 0.4  | 0.3  | 0.6  | 0.5  |
| 0.0  | 0.2  | 0.7  | 0.4  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.2  | 1.1  | 0.6  | 0.4  | 0.5  | 0.0  |
| 5.9  | 6.6  | 7.2  | 6.1  | 7.7  | 7.5  | 5.3  |
| 5.9  | 7.3  | 5.2  | 4.0  | 9.1  | 4.2  | 3.8  |
| 0.6  | 1.5  | 1.3  | 2.2  | 1.5  | 1.5  | 0.0  |
| 3.0  | 3.5  | 3.8  | 4.0  | 4.2  | 4.9  | 8.0  |
| 14.4 | 20.7 | 20.2 | 21.7 | 18.9 | 15.0 | 30.6 |
| 1.2  | 1.6  | 2.8  | 3.3  | 2.7  | 2.4  | 1.3  |
| 0.0  | 0.2  | 0.3  | 0.2  | 0.2  | 0.3  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.2  | 0.1  | 0.2  | 0.0  |
| 8.9  | 8.7  | 7.3  | 8.8  | 11.2 | 9.6  | 8.0  |
| 0.3  | 0.1  | 0.2  | 0.3  | 0.0  | 0.3  | 0.0  |
| 0.6  | 1.2  | 0.9  | 1.1  | 0.6  | 1.5  | 1.3  |
| 1.2  | 1.3  | 1.0  | 1.0  | 1.6  | 1.7  | 0.2  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.3  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 2.0  | 3.4  | 3.4  | 3.6  | 4.9  | 4.3  | 0.4  |
| 0.0  | 0.0  | 0.2  | 0.4  | 0.0  | 0.0  | 0.0  |
| 1.6  | 1.6  | 1.5  | 1.6  | 2.4  | 2.4  | 0.4  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.1  | 0.1  | 0.3  | 0.3  | 0.2  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.8  | 0.8  | 0.8  | 0.8  | 1.7  | 0.8  | 0.5  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.2  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.8  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.4  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.4  | 0.0  | 0.0  | 0.0  |
| 0.4  | 0.9  | 1.6  | 2.0  | 1.0  | 1.6  | 0.7  |
| 0.1  | 0.0  | 0.2  | 0.2  | 0.1  | 0.1  | 0.0  |
| 6.6  | 6.3  | 7.2  | 6.4  | 6.2  | 8.6  | 5.5  |
| 4.1  | 7.5  | 7.8  | 7.7  | 7.2  | 7.3  | 5.3  |
| 0.1  | 0.1  | 0.1  | 0.0  | 0.3  | 0.1  | 0.5  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.5  | 1.8  | 2.4  | 2.2  | 1.9  | 3.0  | 1.9  |
| 1.7  | 2.5  | 1.5  | 1.4  | 2.0  | 2.5  | 0.8  |
| 0.3  | 0.6  | 1.6  | 1.5  | 1.0  | 2.0  | 0.7  |
| 9.0  | 10.3 | 10.9 | 13.4 | 11.5 | 9.9  | 13.9 |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.6  | 0.6  | 0.4  | 0.5  | 1.1  | 0.7  | 0.2  |
| 0.0  | 0.1  | 0.5  | 0.3  | 0.2  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  |
| 2.1  | 2.6  | 1.9  | 2.9  | 3.6  | 1.8  | 0.8  |
| 0.8  | 0.8  | 0.9  | 0.7  | 1.3  | 1.1  | 0.9  |
| 1.5  | 1.5  | 1.4  | 1.2  | 1.9  | 1.8  | 1.3  |
| 0.7  | 0.5  | 1.3  | 1.5  | 1.6  | 1.0  | 0.1  |
| 0.7  | 0.7  | 1.8  | 2.8  | 2.7  | 1.4  | 1.6  |
| 5.5  | 9.7  | 8.0  | 9.7  | 7.9  | 9.5  | 4.2  |
| 3.5  | 4.5  | 3.7  | 4.6  | 3.9  | 4.9  | 6.9  |
| 0.1  | 0.1  | 0.2  | 0.3  | 0.0  | 0.6  | 0.0  |
| 2.2  | 1.7  | 2.2  | 2.9  | 1.9  | 2.2  | 2.3  |
| 0.2  | 0.1  | 0.2  | 0.4  | 0.4  | 0.4  | 0.0  |
| 0.0  | 0.1  | 0.6  | 0.6  | 0.1  | 0.3  | 0.0  |
| 0.5  | 0.9  | 1.4  | 1.6  | 0.8  | 1.4  | 1.2  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.0  | 0.1  | 0.2  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.2  | 0.0  |
| 12.8 | 17.5 | 17.3 | 20.4 | 18.0 | 19.1 | 22.2 |
| 1.4  | 2.8  | 2.0  | 2.2  | 2.4  | 3.5  | 4.2  |
| 0.4  | 0.7  | 1.5  | 1.7  | 0.3  | 1.4  | 0.2  |
| 4.4  | 2.6  | 3.6  | 3.5  | 4.3  | 3.8  | 3.0  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.4  | 0.4  | 0.8  | 1.3  | 0.7  | 0.9  | 0.0  |



|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 3.4   | 3.5   | 2.3   | 3.2   | 4.6   | 3.8   | 2.2   |
| 0.6   | 0.6   | 1.0   | 1.0   | 0.0   | 0.3   | 1.4   |
| 4.3   | 5.8   | 7.3   | 6.1   | 4.3   | 8.3   | 2.5   |
| 0.0   | 0.0   | 0.1   | 0.3   | 0.0   | 0.0   | 0.0   |
| 1.5   | 2.6   | 1.2   | 1.7   | 1.8   | 2.1   | 0.0   |
| 4.0   | 4.9   | 3.4   | 3.7   | 4.5   | 3.1   | 1.6   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 1.8   | 0.0   | 0.0   | 0.0   |
| 0.4   | 0.8   | 2.0   | 2.0   | 0.6   | 1.2   | 0.4   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.1   | 0.0   | 0.0   |
| 45.4  | 66.4  | 56.2  | 68.4  | 53.2  | 60.2  | 81.7  |
| 9.3   | 10.8  | 10.6  | 8.8   | 15.4  | 8.5   | 1.4   |
| 0.0   | 0.0   | 0.0   | 0.3   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.2   | 0.4   | 0.3   | 0.3   | 1.0   | 1.2   |
| 45.7  | 62.3  | 66.6  | 76.5  | 58.1  | 61.2  | 59.9  |
| 1.8   | 2.9   | 3.7   | 3.4   | 3.7   | 4.5   | 1.5   |
| 10.3  | 14.8  | 14.5  | 18.3  | 10.8  | 13.3  | 14.1  |
| 0.1   | 0.0   | 0.1   | 0.0   | 0.1   | 0.1   | 0.0   |
| 1.3   | 1.3   | 2.1   | 1.8   | 1.3   | 2.9   | 3.2   |
| 1.8   | 2.0   | 2.2   | 3.0   | 2.6   | 2.0   | 3.5   |
| 0.0   | 0.0   | 0.5   | 0.6   | 0.2   | 0.0   | 0.0   |
| 3.4   | 5.0   | 6.5   | 6.0   | 5.9   | 5.2   | 3.4   |
| 1.0   | 1.0   | 0.7   | 0.6   | 1.6   | 1.6   | 0.3   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 2.6   | 4.1   | 4.5   | 4.7   | 3.4   | 5.0   | 5.0   |
| 1.2   | 1.6   | 1.6   | 1.8   | 2.4   | 1.5   | 0.5   |
| 1.3   | 2.2   | 1.8   | 1.6   | 2.2   | 2.3   | 1.5   |
| 0.0   | 0.2   | 0.0   | 0.0   | 0.2   | 0.0   | 0.0   |
| 0.1   | 0.2   | 0.1   | 0.1   | 0.1   | 0.1   | 0.0   |
| 109.1 | 100.5 | 110.5 | 124.5 | 103.3 | 103.3 | 208.3 |
| 0.2   | 0.3   | 0.4   | 0.4   | 0.3   | 0.3   | 0.0   |
| 20.5  | 24.3  | 32.1  | 26.7  | 20.7  | 21.4  | 5.0   |
| 0.1   | 0.3   | 0.4   | 0.5   | 0.2   | 0.5   | 0.3   |
| 1.6   | 1.5   | 1.8   | 2.5   | 2.1   | 1.5   | 1.2   |
| 5.6   | 8.9   | 10.4  | 9.6   | 9.5   | 9.6   | 2.9   |
| 0.1   | 0.2   | 0.2   | 0.3   | 0.3   | 0.4   | 0.0   |
| 0.0   | 0.1   | 0.0   | 0.2   | 0.2   | 0.1   | 0.4   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.1   | 0.4   | 0.5   | 0.0   | 0.2   | 0.0   |
| 1.7   | 2.3   | 1.7   | 1.6   | 1.9   | 1.5   | 0.5   |
| 0.1   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.1   | 0.1   | 0.2   | 0.1   | 0.1   | 0.0   |
| 0.7   | 1.9   | 2.5   | 2.5   | 1.7   | 2.3   | 0.7   |
| 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 2.3   | 2.7   | 3.0   | 3.4   | 2.8   | 2.9   | 3.5   |
| 1.2   | 2.3   | 6.3   | 6.5   | 3.8   | 5.3   | 2.7   |
| 0.1   | 0.2   | 0.3   | 0.4   | 0.2   | 0.1   | 0.0   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.4  | 0.3  | 0.5  | 0.2  | 0.0  |
| 0.9  | 0.5  | 1.9  | 0.7  | 0.9  | 1.3  | 1.9  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.0  | 0.1  | 0.0  |
| 1.0  | 0.5  | 1.2  | 0.1  | 2.3  | 0.7  | 0.0  |
| 0.2  | 0.5  | 0.3  | 0.1  | 0.3  | 0.8  | 0.0  |
| 4.9  | 6.7  | 5.0  | 4.7  | 6.5  | 6.1  | 6.4  |
| 2.7  | 2.9  | 3.5  | 3.8  | 3.8  | 2.2  | 5.2  |
| 3.0  | 4.0  | 3.5  | 2.0  | 3.4  | 3.6  | 2.9  |
| 0.4  | 1.1  | 1.8  | 1.8  | 1.0  | 1.2  | 0.0  |
| 0.1  | 0.2  | 0.1  | 0.7  | 0.3  | 0.1  | 0.0  |
| 8.0  | 6.2  | 5.9  | 6.2  | 10.6 | 10.2 | 9.5  |
| 7.5  | 9.3  | 8.8  | 11.2 | 13.8 | 10.0 | 4.0  |
| 18.2 | 25.2 | 29.0 | 29.9 | 22.1 | 25.0 | 22.6 |
| 3.4  | 4.7  | 7.1  | 7.1  | 6.2  | 7.9  | 2.8  |
| 2.7  | 2.6  | 3.9  | 5.1  | 3.2  | 3.2  | 7.9  |
| 0.1  | 0.2  | 0.6  | 0.9  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.1  | 0.0  |
| 2.3  | 9.5  | 24.7 | 12.8 | 4.1  | 14.3 | 0.9  |
| 0.1  | 0.2  | 0.3  | 0.4  | 0.0  | 0.3  | 0.1  |
| 0.0  | 0.1  | 0.3  | 0.4  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.5  | 0.0  | 0.0  | 0.0  |
| 2.7  | 4.3  | 6.2  | 5.6  | 4.2  | 5.9  | 2.5  |
| 3.3  | 0.7  | 2.7  | 1.1  | 1.7  | 0.9  | 1.8  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.3  | 0.2  | 0.0  | 0.0  |
| 1.6  | 1.6  | 2.4  | 1.3  | 3.0  | 2.2  | 1.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.8  | 1.2  | 0.6  | 0.0  | 0.0  |
| 1.2  | 1.2  | 1.5  | 1.7  | 1.4  | 1.5  | 2.3  |
| 2.1  | 3.5  | 2.7  | 3.7  | 3.1  | 3.9  | 1.5  |
| 0.0  | 0.0  | 0.2  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.0  | 0.1  | 0.3  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.2  | 0.5  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.2  | 0.2  | 0.2  | 0.2  | 0.3  | 0.9  |
| 0.0  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.4  | 0.2  | 1.0  | 0.2  | 0.2  | 0.3  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.1  | 0.3  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.6  | 0.0  | 0.2  | 0.0  |
| 2.4  | 3.0  | 2.8  | 2.8  | 3.9  | 2.4  | 0.7  |
| 0.2  | 0.1  | 0.5  | 0.2  | 0.2  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.2  | 0.0  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.1   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 329.2 | 239.4 | 148.9 | 140.6 | 199.3 | 220.4 | 299.6 |
| 12.6  | 19.4  | 17.1  | 17.2  | 16.6  | 21.4  | 16.8  |
| 0.3   | 0.5   | 0.3   | 0.4   | 0.4   | 0.5   | 0.8   |
| 0.0   | 0.0   | 0.5   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.1   | 0.2   |
| 28.7  | 30.8  | 20.5  | 20.4  | 27.4  | 33.6  | 17.9  |
| 23.1  | 34.0  | 26.9  | 23.4  | 32.9  | 31.5  | 24.9  |
| 81.4  | 108.2 | 98.8  | 115.0 | 103.6 | 91.5  | 139.2 |
| 0.6   | 0.7   | 0.8   | 0.5   | 0.6   | 1.2   | 0.9   |
| 0.0   | 0.1   | 0.0   | 0.4   | 0.0   | 0.2   | 0.0   |
| 4.8   | 4.1   | 3.8   | 5.7   | 6.8   | 6.1   | 2.5   |
| 122.7 | 96.1  | 119.5 | 132.4 | 128.5 | 107.0 | 205.3 |
| 0.0   | 0.0   | 0.3   | 0.2   | 0.0   | 0.0   | 0.0   |
| 1.3   | 1.4   | 1.5   | 1.1   | 2.0   | 2.3   | 1.2   |
| 0.1   | 0.1   | 0.4   | 0.2   | 0.3   | 0.3   | 0.0   |
| 1.6   | 2.4   | 2.0   | 1.9   | 3.0   | 1.7   | 0.5   |
| 0.8   | 1.0   | 0.6   | 0.5   | 0.8   | 1.2   | 0.3   |
| 0.1   | 0.2   | 1.0   | 0.7   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.1   | 0.2   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.8   | 1.1   | 0.3   | 0.0   | 0.0   |
| 0.1   | 0.0   | 0.3   | 0.5   | 0.0   | 0.0   | 0.0   |
| 0.6   | 0.8   | 0.8   | 0.8   | 0.9   | 0.7   | 1.0   |
| 0.1   | 0.1   | 0.1   | 0.3   | 0.3   | 0.2   | 0.1   |
| 0.0   | 0.1   | 0.2   | 0.1   | 0.1   | 0.1   | 0.0   |
| 7.2   | 8.6   | 9.6   | 9.2   | 12.2  | 9.0   | 5.0   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.1   | 0.2   | 0.2   | 0.1   | 0.2   | 0.2   |
| 0.2   | 0.1   | 1.0   | 0.6   | 0.2   | 0.8   | 0.0   |
| 0.1   | 0.1   | 0.2   | 0.9   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.4   | 0.2   | 0.1   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.4   | 0.8   | 0.1   | 0.4   | 0.0   |
| 0.1   | 0.0   | 0.1   | 0.7   | 0.0   | 0.0   | 0.0   |
| 1.0   | 1.0   | 1.9   | 1.9   | 1.0   | 1.5   | 1.5   |
| 0.0   | 0.1   | 0.3   | 0.2   | 0.2   | 0.2   | 0.0   |
| 0.0   | 0.1   | 0.7   | 0.1   | 0.1   | 1.2   | 0.0   |
| 0.2   | 0.3   | 0.2   | 0.1   | 0.3   | 0.4   | 0.2   |
| 0.0   | 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.5   | 0.8   | 0.3   | 0.2   | 0.4   | 0.7   | 0.7   |
| 1.6   | 2.3   | 2.4   | 2.4   | 2.6   | 3.2   | 0.8   |
| 0.1   | 0.2   | 0.5   | 0.3   | 0.3   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.6   | 0.2   | 0.2   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.2   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.3   | 0.1   | 0.0   | 0.0   |
| 10.1  | 10.2  | 11.9  | 11.4  | 9.2   | 13.2  | 3.7   |
| 0.0   | 0.1   | 0.8   | 0.7   | 0.1   | 0.7   | 0.0   |

|       |       |       |       |       |       |      |
|-------|-------|-------|-------|-------|-------|------|
| 0.2   | 0.2   | 0.5   | 0.3   | 0.3   | 0.4   | 0.0  |
| 1.3   | 1.2   | 1.3   | 1.6   | 2.0   | 1.4   | 1.4  |
| 4.6   | 6.4   | 12.4  | 12.7  | 6.8   | 9.9   | 7.1  |
| 1.8   | 3.2   | 4.4   | 5.1   | 3.1   | 3.4   | 1.3  |
| 10.0  | 11.7  | 15.2  | 15.2  | 15.9  | 13.5  | 10.3 |
| 5.1   | 4.3   | 4.4   | 5.8   | 6.3   | 6.1   | 1.7  |
| 0.2   | 0.5   | 0.9   | 0.7   | 0.7   | 0.7   | 0.3  |
| 0.1   | 0.3   | 0.1   | 0.1   | 0.2   | 0.3   | 0.1  |
| 0.0   | 0.1   | 0.1   | 0.3   | 0.0   | 0.0   | 0.0  |
| 1.0   | 1.8   | 2.0   | 1.5   | 1.9   | 1.7   | 0.5  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.0  |
| 1.6   | 1.8   | 2.3   | 2.0   | 1.5   | 1.5   | 0.8  |
| 0.4   | 0.2   | 0.6   | 0.4   | 0.5   | 0.4   | 0.0  |
| 0.4   | 1.0   | 1.8   | 1.6   | 1.0   | 0.8   | 1.1  |
| 0.2   | 0.3   | 0.8   | 0.7   | 0.3   | 0.2   | 0.3  |
| 25.3  | 27.0  | 28.5  | 26.2  | 29.7  | 26.7  | 18.1 |
| 0.4   | 1.2   | 1.8   | 1.6   | 0.7   | 1.5   | 1.2  |
| 0.1   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   | 0.5  |
| 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0  |
| 0.1   | 0.0   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0  |
| 0.7   | 1.0   | 1.2   | 1.2   | 0.7   | 1.2   | 0.5  |
| 3.4   | 4.1   | 4.8   | 5.3   | 3.7   | 4.6   | 9.3  |
| 0.8   | 0.7   | 1.5   | 1.6   | 1.2   | 1.0   | 1.1  |
| 0.5   | 0.4   | 1.2   | 0.6   | 0.2   | 0.8   | 0.7  |
| 0.0   | 0.1   | 1.0   | 1.1   | 0.1   | 0.4   | 0.0  |
| 12.9  | 13.2  | 19.3  | 15.3  | 17.1  | 16.1  | 27.0 |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 6.3   | 8.1   | 6.8   | 7.6   | 7.4   | 7.3   | 4.6  |
| 5.7   | 7.9   | 6.9   | 7.1   | 9.0   | 7.6   | 3.9  |
| 1.8   | 2.4   | 2.8   | 2.6   | 2.4   | 2.7   | 4.1  |
| 1.2   | 1.9   | 3.0   | 2.6   | 2.3   | 3.4   | 0.9  |
| 0.1   | 0.2   | 0.3   | 0.3   | 0.1   | 0.3   | 0.1  |
| 0.0   | 0.1   | 0.0   | 0.1   | 0.0   | 0.1   | 0.0  |
| 7.3   | 8.1   | 6.1   | 6.4   | 8.2   | 9.2   | 7.8  |
| 0.1   | 0.2   | 0.5   | 0.4   | 0.2   | 0.4   | 0.1  |
| 0.0   | 0.0   | 0.1   | 0.2   | 0.1   | 0.0   | 0.0  |
| 0.1   | 0.0   | 0.2   | 0.1   | 0.1   | 0.2   | 0.0  |
| 0.1   | 0.4   | 0.8   | 0.8   | 0.3   | 0.6   | 0.1  |
| 5.5   | 6.4   | 4.0   | 4.8   | 6.6   | 6.3   | 3.3  |
| 0.0   | 0.0   | 0.2   | 0.0   | 0.2   | 0.2   | 0.0  |
| 1.3   | 1.4   | 1.7   | 2.1   | 2.3   | 1.1   | 0.9  |
| 0.8   | 1.1   | 1.0   | 1.2   | 0.9   | 1.0   | 1.1  |
| 829.2 | 209.0 | 215.3 | 201.9 | 215.6 | 325.5 | 3.9  |
| 0.0   | 3.6   | 1.2   | 0.0   | 2.8   | 2.1   | 0.0  |
| 3.0   | 4.0   | 2.7   | 3.0   | 4.8   | 4.3   | 2.5  |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.1   | 0.2   | 0.0  |
| 1.7   | 2.1   | 2.2   | 2.2   | 1.9   | 1.9   | 2.5  |

|       |      |      |      |       |       |       |
|-------|------|------|------|-------|-------|-------|
| 0.1   | 0.1  | 0.0  | 0.4  | 0.1   | 0.1   | 0.0   |
| 1.0   | 1.9  | 2.4  | 2.6  | 1.7   | 2.1   | 1.0   |
| 1.3   | 1.1  | 0.8  | 1.2  | 1.0   | 1.1   | 0.3   |
| 9.8   | 11.4 | 12.1 | 13.3 | 12.9  | 11.5  | 15.9  |
| 2.1   | 2.4  | 2.0  | 1.9  | 3.0   | 2.4   | 1.2   |
| 0.2   | 0.5  | 0.2  | 0.3  | 0.0   | 0.4   | 0.0   |
| 102.3 | 80.8 | 88.1 | 81.6 | 117.7 | 108.6 | 107.0 |
| 0.0   | 0.0  | 0.3  | 0.0  | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.0  | 0.1  | 0.1  | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.1  | 0.7  | 0.1  | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0  | 0.0  | 0.2  | 0.0   | 0.2   | 0.0   |
| 0.0   | 0.0  | 0.3  | 0.0  | 0.0   | 0.1   | 0.0   |
| 0.2   | 0.0  | 0.6  | 0.7  | 0.2   | 0.0   | 0.0   |
| 0.0   | 0.0  | 0.3  | 0.3  | 0.0   | 0.0   | 0.0   |
| 0.3   | 0.4  | 0.7  | 0.4  | 0.4   | 0.2   | 0.2   |
| 1.5   | 2.0  | 2.8  | 2.7  | 2.9   | 1.9   | 1.1   |
| 0.0   | 0.1  | 0.2  | 0.8  | 0.0   | 0.0   | 0.0   |
| 17.9  | 21.3 | 17.0 | 15.0 | 20.2  | 17.4  | 6.1   |
| 0.5   | 0.7  | 0.9  | 1.4  | 0.4   | 1.5   | 0.0   |
| 0.0   | 0.0  | 0.2  | 0.1  | 0.0   | 0.0   | 0.0   |
| 0.3   | 0.6  | 0.9  | 0.7  | 0.7   | 0.8   | 0.0   |
| 2.2   | 2.5  | 3.3  | 3.5  | 2.7   | 1.5   | 6.7   |
| 0.3   | 0.3  | 0.1  | 0.0  | 0.1   | 0.0   | 0.0   |
| 0.0   | 0.0  | 0.0  | 0.0  | 0.0   | 0.1   | 0.0   |
| 0.9   | 0.8  | 0.6  | 0.6  | 0.8   | 0.6   | 0.9   |
| 4.4   | 6.3  | 7.2  | 7.8  | 6.7   | 7.8   | 6.6   |
| 0.2   | 0.2  | 0.8  | 0.9  | 0.3   | 0.3   | 0.0   |
| 0.0   | 0.3  | 1.2  | 0.8  | 0.0   | 0.5   | 0.0   |
| 1.9   | 2.1  | 1.8  | 2.0  | 3.2   | 3.7   | 1.8   |
| 1.5   | 2.8  | 12.7 | 5.6  | 2.8   | 4.8   | 1.2   |
| 0.0   | 0.3  | 0.3  | 0.0  | 0.2   | 0.8   | 0.0   |
| 1.5   | 1.7  | 1.4  | 2.2  | 2.0   | 1.5   | 0.8   |
| 0.1   | 0.0  | 0.1  | 0.1  | 0.1   | 0.2   | 0.4   |
| 3.3   | 4.5  | 4.1  | 3.3  | 4.7   | 4.6   | 3.7   |
| 0.2   | 0.1  | 0.2  | 0.3  | 0.4   | 0.1   | 0.0   |
| 0.0   | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0  | 0.0  | 0.9  | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.3  | 0.6  | 0.5  | 0.3   | 0.5   | 0.0   |
| 1.1   | 1.0  | 1.3  | 1.3  | 1.3   | 1.1   | 1.1   |
| 1.1   | 1.9  | 3.5  | 3.3  | 2.3   | 3.2   | 2.5   |
| 0.0   | 0.0  | 0.1  | 0.2  | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.4  | 1.1  | 0.6  | 0.2   | 1.4   | 1.2   |
| 1.0   | 2.2  | 3.1  | 3.6  | 1.3   | 4.0   | 1.1   |
| 0.1   | 0.1  | 0.2  | 0.1  | 0.1   | 0.1   | 0.2   |
| 0.0   | 0.0  | 0.0  | 0.2  | 0.0   | 0.1   | 0.0   |
| 0.1   | 0.0  | 0.7  | 0.3  | 0.0   | 0.3   | 0.0   |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.4   | 0.5   | 0.5   | 0.5   | 0.2   | 0.5   | 0.6   |
| 1.8   | 1.3   | 4.5   | 3.5   | 3.4   | 1.3   | 0.5   |
| 50.8  | 65.2  | 44.0  | 43.4  | 57.2  | 68.0  | 53.6  |
| 5.6   | 6.2   | 6.4   | 7.0   | 5.8   | 5.4   | 4.2   |
| 0.2   | 0.1   | 0.4   | 0.7   | 0.7   | 0.1   | 0.5   |
| 0.2   | 0.5   | 0.5   | 0.6   | 0.9   | 0.1   | 0.4   |
| 58.2  | 60.5  | 29.4  | 36.8  | 41.5  | 46.2  | 39.4  |
| 40.5  | 30.5  | 19.2  | 15.9  | 19.4  | 35.2  | 97.1  |
| 0.1   | 0.1   | 0.4   | 0.3   | 0.2   | 0.3   | 0.3   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.2   | 0.0   |
| 6.7   | 6.8   | 6.7   | 7.5   | 6.4   | 6.9   | 6.7   |
| 9.9   | 19.5  | 17.5  | 18.5  | 16.0  | 18.0  | 18.0  |
| 149.2 | 169.9 | 156.9 | 169.4 | 190.3 | 169.8 | 133.6 |
| 10.8  | 14.1  | 14.3  | 18.5  | 11.1  | 13.3  | 16.8  |
| 1.6   | 1.7   | 1.6   | 1.8   | 2.4   | 1.9   | 0.9   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.7   | 0.4   | 1.3   | 0.7   | 2.2   | 0.6   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.0   | 0.1   | 0.3   | 0.0   | 0.0   | 0.0   |
| 0.9   | 1.5   | 2.0   | 2.2   | 1.8   | 2.0   | 0.5   |
| 0.2   | 0.9   | 0.9   | 1.1   | 0.7   | 0.9   | 0.2   |
| 0.0   | 0.0   | 0.3   | 0.3   | 0.1   | 0.6   | 0.3   |
| 3.1   | 2.5   | 1.9   | 1.9   | 3.8   | 3.7   | 1.2   |
| 7.1   | 10.8  | 10.8  | 12.3  | 11.8  | 11.9  | 9.8   |
| 0.3   | 0.4   | 0.6   | 0.5   | 0.6   | 0.5   | 0.3   |
| 15.5  | 25.0  | 21.1  | 20.3  | 30.4  | 27.3  | 10.6  |
| 45.6  | 53.2  | 48.6  | 51.3  | 47.2  | 47.5  | 52.7  |
| 0.5   | 0.5   | 0.6   | 0.6   | 0.6   | 0.6   | 0.4   |
| 0.1   | 0.0   | 0.4   | 0.3   | 0.0   | 0.3   | 0.0   |
| 1.5   | 1.6   | 1.0   | 1.1   | 1.6   | 1.9   | 0.4   |
| 3.1   | 3.4   | 4.5   | 3.7   | 3.3   | 3.9   | 3.5   |
| 12.8  | 13.1  | 13.5  | 14.0  | 14.6  | 12.1  | 13.0  |
| 26.8  | 39.2  | 28.4  | 28.3  | 38.9  | 39.5  | 20.3  |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.7   | 1.0   | 0.6   | 0.7   | 1.0   | 1.1   | 0.1   |
| 0.1   | 0.1   | 0.2   | 0.2   | 0.2   | 0.1   | 0.5   |
| 0.2   | 0.0   | 0.9   | 1.1   | 0.2   | 0.3   | 0.0   |
| 0.5   | 0.6   | 0.4   | 0.7   | 0.9   | 0.8   | 0.3   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 3.4   | 1.3   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.1   | 0.0   | 0.0   |
| 0.0   | 0.0   | 2.2   | 0.0   | 0.0   | 0.0   | 0.0   |
| 2.4   | 3.2   | 2.4   | 2.5   | 4.2   | 3.2   | 1.6   |
| 1.9   | 2.1   | 1.7   | 1.9   | 3.1   | 2.7   | 0.7   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.6  | 2.2  | 1.6  | 1.4  | 1.7  | 1.6  | 2.2  |
| 0.5  | 0.0  | 0.8  | 3.5  | 2.6  | 1.3  | 0.0  |
| 9.5  | 14.2 | 12.0 | 14.7 | 14.2 | 10.9 | 10.7 |
| 1.6  | 1.5  | 2.1  | 2.3  | 1.9  | 1.3  | 1.7  |
| 0.0  | 0.0  | 0.0  | 0.9  | 0.0  | 0.0  | 0.0  |
| 1.2  | 1.0  | 1.4  | 1.7  | 1.7  | 1.3  | 2.7  |
| 1.6  | 1.8  | 1.9  | 2.3  | 2.3  | 2.2  | 1.4  |
| 0.1  | 0.2  | 0.1  | 0.2  | 0.3  | 0.2  | 0.5  |
| 28.8 | 30.3 | 30.3 | 30.3 | 39.5 | 30.1 | 29.0 |
| 4.0  | 5.1  | 5.0  | 5.2  | 6.3  | 6.3  | 2.9  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.3  | 0.5  | 0.4  | 0.3  | 0.6  | 0.3  |
| 1.6  | 1.5  | 2.3  | 2.3  | 2.4  | 2.6  | 2.2  |
| 1.4  | 1.0  | 2.4  | 2.6  | 1.5  | 1.6  | 1.9  |
| 1.1  | 1.2  | 0.9  | 0.9  | 1.5  | 1.5  | 0.7  |
| 2.7  | 3.2  | 4.3  | 4.3  | 5.0  | 2.6  | 2.2  |
| 5.1  | 4.9  | 6.0  | 6.8  | 5.2  | 4.8  | 4.9  |
| 1.4  | 1.4  | 1.6  | 1.7  | 2.0  | 1.6  | 0.4  |
| 1.1  | 1.3  | 1.2  | 1.5  | 1.5  | 1.2  | 1.2  |
| 1.4  | 3.2  | 4.2  | 4.7  | 2.3  | 4.3  | 2.3  |
| 1.6  | 2.0  | 2.4  | 2.2  | 3.2  | 2.7  | 1.6  |
| 1.4  | 2.2  | 1.6  | 2.2  | 2.5  | 2.3  | 0.4  |
| 4.9  | 5.6  | 6.1  | 6.4  | 7.1  | 6.2  | 4.7  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.0  | 0.3  | 0.0  |
| 0.1  | 0.5  | 1.4  | 0.5  | 0.2  | 0.3  | 0.0  |
| 0.1  | 0.1  | 2.2  | 0.4  | 0.5  | 0.0  | 0.0  |
| 0.0  | 0.0  | 2.1  | 0.9  | 0.0  | 0.4  | 0.0  |
| 0.2  | 0.3  | 0.4  | 0.4  | 0.4  | 0.4  | 0.3  |
| 0.9  | 0.9  | 0.7  | 0.7  | 1.3  | 1.0  | 0.7  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.1  | 0.2  | 0.0  |
| 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 2.0  | 2.5  | 1.8  | 2.4  | 4.1  | 2.4  | 0.7  |
| 1.0  | 1.3  | 1.1  | 0.9  | 1.0  | 1.1  | 0.6  |
| 0.0  | 0.5  | 0.2  | 0.7  | 0.0  | 1.2  | 0.0  |
| 0.0  | 0.1  | 0.3  | 0.5  | 0.4  | 0.4  | 0.0  |
| 0.1  | 0.0  | 0.3  | 0.2  | 0.1  | 0.0  | 0.0  |
| 2.9  | 4.8  | 10.3 | 9.3  | 6.3  | 6.8  | 3.0  |
| 0.5  | 0.8  | 0.8  | 0.7  | 0.8  | 0.9  | 0.3  |
| 0.5  | 0.6  | 0.6  | 0.7  | 0.6  | 0.6  | 0.5  |
| 1.0  | 1.4  | 1.8  | 2.0  | 1.5  | 1.4  | 1.0  |
| 0.0  | 0.1  | 0.1  | 0.3  | 0.1  | 0.2  | 0.0  |
| 2.5  | 2.7  | 2.8  | 2.4  | 2.9  | 3.3  | 2.9  |
| 0.4  | 0.6  | 0.7  | 0.7  | 1.0  | 0.7  | 1.0  |
| 0.9  | 1.5  | 2.5  | 2.5  | 1.2  | 3.2  | 1.0  |
| 0.3  | 0.1  | 0.2  | 0.3  | 0.7  | 0.8  | 3.7  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.1  | 0.0  | 0.1  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.3  | 0.9  | 1.5  | 1.7  | 0.8  | 1.3  | 0.4  |
| 1.0  | 1.2  | 1.8  | 1.6  | 1.5  | 0.9  | 0.1  |
| 1.8  | 1.6  | 1.6  | 2.5  | 1.8  | 2.4  | 0.4  |
| 1.3  | 1.9  | 1.9  | 1.7  | 2.1  | 1.6  | 1.2  |
| 0.9  | 1.1  | 1.6  | 2.1  | 1.1  | 2.3  | 2.2  |
| 0.4  | 0.1  | 0.4  | 0.7  | 0.3  | 0.3  | 0.5  |
| 0.4  | 0.5  | 0.5  | 0.7  | 0.9  | 0.5  | 0.4  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.4  | 0.3  | 0.1  | 0.6  | 0.0  |
| 4.0  | 3.0  | 4.1  | 6.0  | 4.4  | 4.7  | 4.4  |
| 2.5  | 3.1  | 4.3  | 3.6  | 3.2  | 3.2  | 2.1  |
| 0.4  | 0.4  | 0.5  | 0.4  | 0.4  | 0.6  | 0.0  |
| 9.2  | 11.7 | 9.7  | 11.6 | 10.0 | 12.5 | 10.3 |
| 1.1  | 1.0  | 1.6  | 1.7  | 1.4  | 1.2  | 0.8  |
| 2.3  | 5.3  | 8.9  | 8.4  | 4.9  | 7.6  | 3.4  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 1.6  | 1.9  | 2.2  | 1.7  | 1.8  | 2.8  | 0.5  |
| 1.7  | 1.8  | 2.5  | 2.5  | 2.0  | 2.6  | 1.9  |
| 65.9 | 75.9 | 60.3 | 59.5 | 84.6 | 65.5 | 51.2 |
| 4.2  | 5.0  | 2.8  | 4.0  | 7.7  | 7.2  | 2.4  |
| 0.2  | 0.2  | 0.4  | 0.2  | 0.3  | 0.2  | 0.0  |
| 0.4  | 0.1  | 1.0  | 0.9  | 0.4  | 1.3  | 1.6  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.9  | 2.8  | 0.0  |
| 0.0  | 0.0  | 0.5  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.3  | 0.2  | 0.1  | 0.1  | 0.0  |
| 2.1  | 2.6  | 2.5  | 2.4  | 2.7  | 2.5  | 2.4  |
| 0.1  | 0.0  | 0.1  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.2  | 0.1  | 0.0  |
| 0.8  | 1.2  | 1.6  | 2.3  | 1.3  | 1.5  | 0.4  |
| 0.2  | 0.3  | 0.2  | 0.6  | 0.3  | 0.5  | 0.4  |
| 1.6  | 3.0  | 3.3  | 3.1  | 3.0  | 3.5  | 0.9  |
| 1.8  | 1.8  | 1.0  | 0.9  | 1.3  | 2.7  | 1.8  |
| 0.4  | 0.8  | 1.4  | 1.4  | 0.7  | 1.3  | 0.5  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  |
| 0.9  | 0.9  | 1.1  | 0.8  | 1.2  | 1.2  | 0.7  |
| 9.6  | 19.4 | 26.8 | 4.3  | 23.5 | 30.1 | 24.0 |
| 0.0  | 0.2  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.4  | 0.4  | 0.2  | 0.2  | 0.2  |
| 20.4 | 25.8 | 22.7 | 25.4 | 20.4 | 21.4 | 15.5 |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 7.3  | 8.6  | 9.2  | 10.2 | 9.3  | 8.0  | 6.5  |
| 7.5  | 11.5 | 13.7 | 12.8 | 10.4 | 14.2 | 11.7 |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.1  | 0.0  | 0.4  | 0.1  | 0.1  | 0.1  | 0.0  |
| 2.9  | 2.8  | 3.8  | 3.5  | 4.0  | 4.1  | 2.9  |



|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.5  | 1.1  | 2.5  | 2.0  | 0.8  | 1.5  | 0.6  |
| 0.1  | 0.2  | 0.5  | 0.5  | 0.1  | 0.6  | 0.0  |
| 4.5  | 5.0  | 5.9  | 8.6  | 4.9  | 5.4  | 9.7  |
| 11.7 | 12.1 | 11.4 | 14.8 | 11.2 | 12.9 | 17.2 |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.2  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.1  | 0.2  | 0.0  |
| 0.2  | 0.3  | 0.3  | 0.5  | 0.2  | 0.5  | 0.3  |
| 11.4 | 18.5 | 14.8 | 14.7 | 17.5 | 11.5 | 14.5 |
| 9.1  | 13.9 | 14.6 | 12.0 | 12.5 | 11.8 | 8.2  |
| 5.4  | 7.5  | 7.3  | 9.6  | 9.0  | 7.9  | 6.5  |
| 0.0  | 0.0  | 0.0  | 0.4  | 0.0  | 0.5  | 0.0  |
| 21.9 | 29.1 | 27.3 | 30.5 | 27.1 | 28.5 | 28.8 |
| 0.0  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.4  | 0.3  | 0.2  | 0.3  | 0.5  | 0.5  | 0.3  |
| 1.1  | 1.2  | 1.2  | 1.5  | 1.5  | 1.7  | 1.3  |
| 1.5  | 1.7  | 1.2  | 1.1  | 2.6  | 2.1  | 1.4  |
| 2.7  | 3.3  | 3.0  | 3.2  | 3.4  | 3.9  | 0.9  |
| 16.6 | 13.2 | 10.3 | 10.9 | 15.4 | 15.2 | 15.2 |
| 0.4  | 0.6  | 0.9  | 0.6  | 0.6  | 0.8  | 0.3  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 8.4  | 9.8  | 7.8  | 8.4  | 8.9  | 9.4  | 6.6  |
| 1.1  | 1.2  | 1.5  | 1.8  | 2.5  | 1.5  | 0.7  |
| 3.6  | 4.8  | 5.0  | 4.6  | 4.8  | 4.3  | 1.8  |
| 0.1  | 0.0  | 0.3  | 0.3  | 0.2  | 0.1  | 0.0  |
| 1.6  | 2.5  | 3.1  | 3.0  | 3.4  | 2.3  | 1.5  |
| 0.1  | 0.2  | 0.3  | 0.2  | 0.0  | 0.7  | 0.0  |
| 0.5  | 1.0  | 2.6  | 1.8  | 0.9  | 1.9  | 1.2  |
| 8.7  | 10.7 | 7.8  | 7.7  | 13.1 | 9.3  | 10.5 |
| 6.9  | 7.1  | 8.9  | 8.8  | 9.7  | 7.7  | 5.8  |
| 0.8  | 0.4  | 1.2  | 0.8  | 1.2  | 0.9  | 1.1  |
| 2.6  | 5.0  | 7.3  | 7.2  | 5.3  | 5.5  | 2.4  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.2  | 0.4  | 0.5  | 0.5  | 0.5  | 0.6  | 0.5  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.1  |
| 3.6  | 3.8  | 3.9  | 5.1  | 3.9  | 4.3  | 5.6  |
| 0.9  | 2.1  | 2.2  | 1.3  | 1.4  | 2.0  | 1.9  |
| 0.1  | 0.1  | 0.2  | 0.2  | 0.1  | 0.2  | 0.0  |
| 0.4  | 0.6  | 0.6  | 0.6  | 0.8  | 0.7  | 0.6  |
| 0.2  | 0.0  | 0.3  | 0.2  | 0.3  | 0.5  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.3  | 0.4  | 0.6  | 0.6  | 0.6  | 0.7  | 0.0  |
| 4.3  | 6.5  | 8.7  | 8.0  | 6.6  | 6.9  | 4.6  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.7  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.4  | 0.4  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.9  | 0.5  | 0.2  | 0.5  | 0.0  |
| 0.3  | 0.2  | 0.5  | 0.2  | 0.0  | 0.2  | 0.0  |
| 0.1  | 0.2  | 0.2  | 0.4  | 0.4  | 0.3  | 0.1  |
| 0.8  | 0.3  | 2.2  | 4.0  | 1.6  | 1.8  | 0.0  |
| 2.2  | 2.4  | 3.1  | 3.6  | 2.5  | 2.8  | 2.9  |
| 2.2  | 2.2  | 2.6  | 2.4  | 2.7  | 3.4  | 1.2  |
| 0.1  | 0.1  | 0.2  | 0.1  | 0.2  | 0.1  | 0.4  |
| 2.6  | 2.5  | 2.7  | 2.5  | 4.4  | 2.7  | 2.5  |
| 0.5  | 0.9  | 2.0  | 1.3  | 1.0  | 1.1  | 0.4  |
| 0.4  | 0.8  | 1.0  | 1.1  | 1.0  | 1.0  | 0.1  |
| 13.8 | 18.8 | 18.3 | 16.5 | 24.6 | 19.0 | 10.5 |
| 0.1  | 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  |
| 1.3  | 3.1  | 4.7  | 4.0  | 2.9  | 3.9  | 1.1  |
| 0.1  | 0.1  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.4  | 0.1  | 0.1  | 0.0  |
| 2.2  | 2.3  | 2.3  | 2.3  | 2.8  | 4.0  | 2.2  |
| 0.1  | 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  |
| 0.2  | 0.1  | 0.3  | 0.5  | 0.3  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.5  | 1.1  | 1.8  | 0.8  | 1.0  | 0.4  |
| 4.4  | 4.8  | 5.7  | 7.2  | 5.3  | 4.6  | 4.4  |
| 0.5  | 0.4  | 0.7  | 0.6  | 0.8  | 0.6  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.2  | 0.1  | 0.0  | 0.2  | 0.0  | 0.7  | 0.0  |
| 1.1  | 2.4  | 3.9  | 3.5  | 2.4  | 3.8  | 1.3  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.8  | 0.2  | 0.0  |
| 1.3  | 1.2  | 0.8  | 0.7  | 1.5  | 1.5  | 0.6  |
| 9.5  | 11.2 | 9.6  | 12.8 | 10.6 | 10.6 | 14.0 |
| 10.6 | 11.6 | 11.7 | 11.5 | 11.6 | 10.2 | 7.0  |
| 0.2  | 0.1  | 0.1  | 0.2  | 0.2  | 0.3  | 0.0  |
| 0.1  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.9  | 0.7  | 0.9  | 0.9  | 1.4  | 1.2  | 0.1  |
| 7.0  | 8.0  | 7.5  | 8.5  | 9.9  | 7.7  | 6.9  |
| 0.4  | 0.3  | 0.1  | 0.1  | 0.2  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.8  | 0.9  | 0.1  | 1.0  | 0.0  |
| 0.0  | 0.0  | 0.4  | 0.2  | 0.0  | 0.2  | 0.0  |
| 3.4  | 4.3  | 4.1  | 3.8  | 4.7  | 3.3  | 3.3  |
| 2.5  | 3.3  | 3.1  | 2.8  | 3.8  | 3.6  | 2.1  |
| 31.1 | 33.7 | 32.7 | 31.8 | 32.6 | 28.6 | 26.8 |
| 0.0  | 0.2  | 0.2  | 0.6  | 0.8  | 0.4  | 0.0  |
| 0.5  | 0.7  | 1.0  | 1.0  | 0.6  | 1.2  | 1.0  |
| 3.0  | 4.6  | 3.4  | 3.6  | 3.8  | 5.3  | 2.9  |
| 2.1  | 2.2  | 1.4  | 1.6  | 2.3  | 3.2  | 1.2  |
| 5.4  | 8.4  | 10.8 | 8.1  | 9.4  | 10.4 | 5.7  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 6.1  | 8.4  | 5.4  | 5.8  | 3.7  | 9.5  | 9.1  |
| 0.8  | 1.3  | 0.9  | 1.3  | 1.1  | 1.3  | 2.0  |
| 0.1  | 0.1  | 0.4  | 0.3  | 0.0  | 0.2  | 0.3  |
| 0.1  | 0.0  | 0.2  | 0.2  | 0.1  | 0.1  | 0.0  |
| 12.5 | 18.3 | 12.8 | 13.8 | 16.7 | 18.0 | 11.6 |
| 2.0  | 2.2  | 1.9  | 1.8  | 3.0  | 2.5  | 1.6  |
| 0.1  | 0.2  | 0.3  | 0.3  | 0.2  | 0.1  | 0.1  |
| 3.0  | 3.4  | 5.1  | 6.1  | 4.3  | 3.9  | 7.2  |
| 0.1  | 0.2  | 0.4  | 0.2  | 0.0  | 0.5  | 0.0  |
| 0.3  | 0.3  | 0.7  | 1.0  | 0.1  | 0.6  | 0.0  |
| 7.7  | 7.9  | 7.0  | 7.5  | 10.2 | 8.3  | 2.9  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.5  | 0.4  | 0.6  | 0.5  | 0.8  | 0.6  | 0.8  |
| 6.5  | 6.4  | 6.0  | 7.7  | 7.0  | 11.9 | 5.4  |
| 0.6  | 0.8  | 1.4  | 0.8  | 1.2  | 0.0  | 0.0  |
| 0.2  | 0.3  | 1.0  | 0.5  | 0.1  | 0.2  | 0.0  |
| 0.6  | 1.1  | 1.2  | 1.3  | 0.7  | 1.5  | 0.6  |
| 0.8  | 1.3  | 1.2  | 1.2  | 1.3  | 1.8  | 1.8  |
| 3.0  | 4.0  | 3.6  | 3.8  | 5.0  | 3.9  | 2.5  |
| 12.8 | 12.0 | 12.6 | 13.6 | 18.2 | 16.9 | 8.6  |
| 1.7  | 1.6  | 3.9  | 2.4  | 2.7  | 1.9  | 2.8  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.2  | 0.2  | 0.2  | 0.2  | 0.3  | 0.3  | 0.0  |
| 3.3  | 3.0  | 3.0  | 2.6  | 5.8  | 3.5  | 6.0  |
| 2.4  | 3.4  | 3.9  | 4.0  | 3.7  | 3.2  | 1.9  |
| 1.5  | 1.8  | 5.5  | 5.0  | 1.7  | 5.5  | 1.4  |
| 0.1  | 0.2  | 0.6  | 0.5  | 0.0  | 0.0  | 0.0  |
| 6.8  | 8.8  | 10.8 | 11.1 | 8.6  | 8.9  | 9.7  |
| 1.3  | 2.1  | 2.8  | 3.1  | 1.9  | 2.3  | 0.4  |
| 0.0  | 0.1  | 0.3  | 0.5  | 0.0  | 0.0  | 0.0  |
| 3.7  | 4.4  | 3.9  | 4.3  | 3.9  | 4.5  | 3.0  |
| 0.0  | 0.5  | 0.1  | 0.1  | 0.3  | 1.7  | 0.0  |
| 0.9  | 1.6  | 2.5  | 2.3  | 1.2  | 4.3  | 0.4  |
| 2.2  | 2.8  | 3.9  | 3.5  | 2.9  | 3.7  | 2.8  |
| 17.2 | 24.2 | 26.2 | 28.9 | 21.2 | 21.6 | 20.0 |
| 3.0  | 4.7  | 5.2  | 5.0  | 4.7  | 4.3  | 4.9  |
| 0.0  | 0.1  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.4  | 0.5  | 0.0  | 0.0  |
| 0.5  | 0.2  | 1.0  | 0.4  | 1.4  | 1.5  | 0.9  |
| 0.0  | 0.1  | 1.3  | 0.7  | 0.2  | 0.2  | 0.0  |
| 12.9 | 13.1 | 11.5 | 13.3 | 19.1 | 18.5 | 9.2  |
| 0.1  | 0.1  | 0.0  | 0.1  | 0.2  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 5.8  | 7.1  | 7.4  | 8.5  | 6.3  | 7.0  | 6.2  |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.3  | 0.1  |
| 0.1  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.0   | 0.1   | 0.2   | 0.5   | 0.0   | 0.0   | 0.0   |
| 5.8   | 6.4   | 5.2   | 5.4   | 6.1   | 9.0   | 7.1   |
| 7.6   | 9.5   | 10.1  | 10.6  | 10.6  | 8.8   | 8.1   |
| 4.4   | 4.2   | 4.0   | 4.1   | 5.0   | 5.0   | 5.5   |
| 2.1   | 3.0   | 2.2   | 2.0   | 3.4   | 3.4   | 1.4   |
| 0.8   | 1.2   | 0.8   | 1.2   | 0.8   | 0.9   | 0.2   |
| 15.0  | 12.4  | 16.4  | 17.8  | 17.1  | 14.0  | 12.4  |
| 29.0  | 41.4  | 39.0  | 42.7  | 33.7  | 46.1  | 58.5  |
| 0.1   | 0.0   | 0.1   | 0.1   | 0.1   | 0.1   | 0.0   |
| 0.1   | 0.1   | 0.3   | 0.2   | 0.1   | 0.1   | 0.0   |
| 1.9   | 1.8   | 2.1   | 2.1   | 2.1   | 2.5   | 0.8   |
| 0.1   | 0.0   | 0.3   | 0.3   | 0.1   | 0.0   | 0.0   |
| 6.8   | 8.2   | 7.8   | 9.6   | 7.0   | 9.7   | 8.4   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.1   | 0.1   | 0.0   |
| 0.1   | 0.1   | 0.7   | 0.0   | 0.4   | 0.3   | 0.0   |
| 0.0   | 0.2   | 0.6   | 0.0   | 0.0   | 0.0   | 0.0   |
| 2.8   | 3.4   | 3.3   | 2.0   | 4.3   | 4.8   | 4.2   |
| 1.4   | 1.4   | 1.9   | 2.4   | 1.6   | 1.6   | 2.0   |
| 0.1   | 0.2   | 1.7   | 1.0   | 0.6   | 0.3   | 1.0   |
| 3.9   | 7.2   | 11.5  | 13.0  | 10.0  | 19.6  | 1.0   |
| 2.7   | 3.3   | 1.2   | 2.6   | 4.9   | 4.1   | 3.9   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.0   | 0.0   | 0.0   |
| 1.4   | 2.1   | 2.6   | 1.8   | 0.9   | 1.5   | 1.4   |
| 0.0   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.2   | 0.0   | 0.4   | 0.0   | 0.0   | 0.0   |
| 8.7   | 9.8   | 9.4   | 10.9  | 8.8   | 10.7  | 10.9  |
| 65.5  | 48.6  | 50.1  | 71.2  | 58.5  | 62.0  | 117.7 |
| 1.4   | 1.7   | 0.9   | 0.8   | 1.6   | 2.1   | 1.2   |
| 0.3   | 0.2   | 0.2   | 0.2   | 0.2   | 0.4   | 0.2   |
| 0.6   | 0.8   | 0.6   | 1.0   | 0.3   | 0.7   | 0.0   |
| 0.1   | 0.2   | 0.6   | 0.4   | 0.1   | 0.2   | 0.0   |
| 3.7   | 3.5   | 6.3   | 7.3   | 5.3   | 5.5   | 8.1   |
| 0.3   | 1.1   | 2.8   | 1.0   | 0.9   | 1.9   | 0.0   |
| 5.0   | 4.6   | 9.3   | 8.8   | 8.1   | 8.3   | 13.9  |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 1.0   | 1.1   | 2.5   | 1.9   | 1.1   | 2.1   | 0.6   |
| 156.1 | 182.8 | 156.1 | 157.0 | 191.2 | 170.0 | 83.8  |
| 0.2   | 0.2   | 0.4   | 0.4   | 0.7   | 0.3   | 0.2   |
| 0.7   | 1.2   | 0.9   | 1.1   | 1.1   | 2.6   | 0.1   |
| 2.1   | 2.1   | 3.7   | 3.5   | 2.6   | 2.5   | 5.5   |
| 1.9   | 2.1   | 1.7   | 2.2   | 1.3   | 1.9   | 0.5   |
| 2.6   | 2.7   | 3.7   | 2.8   | 4.3   | 4.5   | 4.4   |
| 0.1   | 0.2   | 0.3   | 0.3   | 0.1   | 0.1   | 0.2   |
| 0.4   | 1.1   | 1.8   | 1.9   | 0.9   | 2.0   | 0.6   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 2.0   | 1.7   | 2.3   | 1.8   | 2.2   | 2.5   | 1.5   |
| 7.9   | 8.0   | 8.3   | 9.4   | 10.0  | 7.2   | 2.0   |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.6   | 0.8   | 0.4   | 0.3   | 0.4   | 0.9   | 0.4   |
| 0.2   | 0.3   | 0.8   | 1.6   | 0.8   | 0.7   | 1.6   |
| 7.8   | 9.0   | 8.8   | 7.7   | 12.7  | 10.6  | 3.9   |
| 4.8   | 10.0  | 9.4   | 8.9   | 8.7   | 11.9  | 1.9   |
| 8.4   | 8.9   | 5.5   | 4.4   | 7.4   | 10.0  | 4.3   |
| 4.9   | 5.1   | 6.1   | 5.7   | 6.3   | 6.8   | 9.6   |
| 0.0   | 0.0   | 0.0   | 0.3   | 0.0   | 0.3   | 0.0   |
| 5.7   | 8.2   | 6.9   | 7.4   | 7.3   | 9.7   | 8.1   |
| 1.0   | 0.8   | 0.8   | 0.8   | 1.5   | 1.1   | 0.3   |
| 1.2   | 1.5   | 1.6   | 1.6   | 1.4   | 1.5   | 0.9   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 3.1   | 4.9   | 9.2   | 9.4   | 8.0   | 8.0   | 4.4   |
| 0.1   | 0.1   | 0.2   | 0.1   | 0.2   | 0.3   | 0.1   |
| 0.1   | 0.0   | 0.2   | 0.2   | 0.1   | 0.0   | 0.0   |
| 0.0   | 0.2   | 0.4   | 0.3   | 0.1   | 0.5   | 0.0   |
| 0.7   | 0.8   | 2.1   | 2.2   | 0.8   | 1.9   | 0.0   |
| 3.0   | 3.9   | 3.1   | 2.6   | 5.1   | 3.6   | 3.3   |
| 0.2   | 0.4   | 0.7   | 0.7   | 0.2   | 0.5   | 0.1   |
| 0.1   | 0.0   | 0.2   | 0.1   | 0.1   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 1.9   | 1.9   | 2.4   | 2.2   | 2.5   | 2.7   | 1.6   |
| 0.3   | 0.4   | 0.6   | 1.0   | 0.1   | 1.2   | 0.6   |
| 1.1   | 0.0   | 0.0   | 5.6   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.0   | 0.8   | 0.3   | 0.1   | 0.2   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.1   | 0.0   | 0.0   | 0.0   |
| 9.6   | 14.3  | 12.3  | 12.9  | 14.4  | 8.2   | 9.5   |
| 18.6  | 21.2  | 20.1  | 23.4  | 20.4  | 23.7  | 19.5  |
| 9.0   | 9.7   | 10.1  | 10.4  | 10.2  | 11.0  | 10.4  |
| 0.1   | 0.1   | 0.6   | 0.2   | 0.2   | 0.3   | 0.3   |
| 193.5 | 191.5 | 101.3 | 110.2 | 114.6 | 107.7 | 113.3 |
| 11.9  | 13.0  | 15.1  | 15.2  | 18.3  | 15.0  | 14.0  |
| 2.4   | 2.6   | 2.0   | 1.6   | 2.9   | 3.3   | 0.5   |
| 9.2   | 9.0   | 10.1  | 10.6  | 8.5   | 8.5   | 9.9   |
| 23.1  | 10.3  | 16.1  | 21.7  | 19.2  | 18.1  | 28.7  |
| 0.0   | 0.0   | 0.0   | 0.4   | 0.0   | 0.0   | 0.0   |
| 3.8   | 5.0   | 4.9   | 5.2   | 6.3   | 4.3   | 1.6   |
| 3.7   | 4.5   | 4.8   | 5.4   | 5.1   | 6.0   | 5.4   |
| 0.2   | 0.2   | 0.6   | 0.6   | 0.5   | 0.6   | 0.0   |
| 0.6   | 0.6   | 0.8   | 0.8   | 1.6   | 0.9   | 0.6   |
| 0.1   | 0.2   | 0.5   | 0.3   | 0.2   | 0.2   | 0.0   |
| 0.0   | 0.0   | 0.3   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.3   | 0.7   | 1.4   | 1.3   | 0.5   | 1.1   | 0.4   |
| 2.1   | 1.9   | 1.9   | 1.3   | 3.1   | 2.2   | 1.2   |
| 2.9   | 2.9   | 4.5   | 5.0   | 4.4   | 3.8   | 4.5   |
| 0.2   | 0.3   | 0.4   | 0.5   | 0.9   | 0.4   | 0.5   |
| 2.5   | 2.3   | 2.5   | 1.6   | 3.4   | 3.7   | 1.2   |
| 1.1   | 1.4   | 1.2   | 1.1   | 1.1   | 2.1   | 0.4   |

|         |         |         |         |         |         |         |
|---------|---------|---------|---------|---------|---------|---------|
| 4.9     | 6.0     | 5.8     | 6.1     | 7.5     | 6.2     | 6.4     |
| 0.1     | 0.0     | 0.1     | 0.2     | 0.1     | 0.3     | 0.0     |
| 0.4     | 0.7     | 0.8     | 0.6     | 0.7     | 0.2     | 0.1     |
| 0.0     | 0.0     | 0.0     | 0.3     | 0.4     | 0.3     | 0.0     |
| 9.7     | 13.6    | 13.4    | 13.4    | 11.8    | 11.2    | 10.7    |
| 0.1     | 0.3     | 0.8     | 0.6     | 0.3     | 0.4     | 0.2     |
| 42879.7 | 29572.6 | 24656.1 | 23247.4 | 27547.1 | 27112.3 | 40905.5 |
| 0.2     | 0.4     | 2.4     | 3.0     | 0.5     | 1.0     | 0.0     |
| 2.0     | 2.5     | 2.2     | 2.1     | 2.8     | 2.4     | 2.7     |
| 1.4     | 2.4     | 1.8     | 1.6     | 2.7     | 2.8     | 1.2     |
| 2.9     | 3.0     | 2.3     | 3.4     | 5.1     | 4.8     | 2.4     |
| 0.4     | 0.6     | 1.4     | 0.9     | 0.9     | 0.4     | 0.7     |
| 3.9     | 4.7     | 5.7     | 5.9     | 4.5     | 4.5     | 5.1     |
| 0.0     | 0.1     | 0.3     | 0.2     | 0.1     | 0.3     | 0.0     |
| 0.1     | 0.1     | 0.2     | 0.3     | 0.1     | 0.2     | 0.1     |
| 0.1     | 0.2     | 0.0     | 0.4     | 0.2     | 0.7     | 0.0     |
| 0.5     | 0.5     | 1.1     | 0.7     | 1.0     | 0.8     | 0.5     |
| 2.6     | 2.1     | 2.3     | 2.5     | 3.3     | 2.4     | 2.1     |
| 0.0     | 0.0     | 0.2     | 0.2     | 0.0     | 0.1     | 0.0     |
| 0.3     | 0.6     | 0.3     | 0.4     | 0.3     | 0.2     | 0.0     |
| 10.5    | 13.3    | 11.6    | 12.1    | 13.1    | 16.6    | 15.2    |
| 25.1    | 26.2    | 32.1    | 34.7    | 31.2    | 29.6    | 28.1    |
| 5.1     | 6.6     | 5.1     | 4.6     | 8.3     | 8.4     | 3.5     |
| 2.7     | 3.3     | 2.8     | 3.3     | 6.3     | 1.5     | 3.0     |
| 0.0     | 0.1     | 0.1     | 0.3     | 0.0     | 0.2     | 0.0     |
| 2.7     | 2.4     | 2.3     | 2.4     | 2.9     | 2.1     | 2.7     |
| 4.1     | 3.6     | 2.8     | 2.8     | 5.9     | 6.5     | 3.2     |
| 0.2     | 0.3     | 0.4     | 0.3     | 0.5     | 0.1     | 0.0     |
| 5.5     | 5.6     | 7.0     | 8.5     | 6.3     | 6.2     | 7.1     |
| 0.4     | 0.2     | 3.4     | 2.9     | 0.6     | 4.1     | 0.0     |
| 0.8     | 0.9     | 0.9     | 1.0     | 0.8     | 1.3     | 1.1     |
| 0.4     | 0.2     | 0.4     | 0.3     | 0.5     | 0.5     | 0.3     |
| 1.1     | 1.2     | 1.3     | 1.3     | 1.6     | 1.3     | 1.7     |
| 0.1     | 0.1     | 0.0     | 0.6     | 0.1     | 0.0     | 0.0     |
| 0.0     | 0.0     | 0.1     | 0.0     | 0.0     | 0.0     | 0.0     |
| 0.0     | 0.1     | 0.4     | 0.3     | 0.1     | 0.1     | 0.0     |
| 9.3     | 7.8     | 11.4    | 14.3    | 12.1    | 10.3    | 21.0    |
| 17.9    | 18.3    | 19.5    | 15.7    | 22.8    | 18.0    | 16.3    |
| 106.8   | 118.5   | 107.5   | 102.5   | 134.0   | 134.5   | 66.2    |
| 0.0     | 0.0     | 0.1     | 0.1     | 0.0     | 0.1     | 0.0     |
| 0.0     | 0.2     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 8.6     | 11.0    | 10.3    | 12.5    | 11.2    | 9.2     | 11.1    |
| 0.2     | 0.2     | 0.1     | 0.2     | 0.2     | 0.2     | 0.2     |
| 3.9     | 3.3     | 5.1     | 4.4     | 3.1     | 2.9     | 4.5     |
| 0.0     | 0.1     | 0.2     | 0.1     | 0.0     | 0.0     | 0.0     |
| 0.5     | 0.3     | 0.6     | 0.7     | 0.5     | 0.7     | 2.1     |
| 1.4     | 1.3     | 1.1     | 1.5     | 1.7     | 1.4     | 0.9     |

|        |        |        |       |       |       |       |
|--------|--------|--------|-------|-------|-------|-------|
| 0.5    | 0.7    | 3.8    | 2.4   | 1.5   | 3.5   | 0.0   |
| 0.3    | 0.2    | 0.5    | 0.4   | 1.0   | 0.2   | 0.0   |
| 0.0    | 0.0    | 0.1    | 0.0   | 0.0   | 0.1   | 0.0   |
| 1.8    | 2.1    | 2.0    | 2.0   | 1.8   | 2.1   | 1.8   |
| 0.7    | 0.6    | 0.9    | 1.5   | 0.4   | 0.9   | 1.0   |
| 0.0    | 0.0    | 0.1    | 0.0   | 0.0   | 0.0   | 0.0   |
| 44.7   | 46.1   | 47.1   | 56.2  | 41.8  | 45.6  | 51.8  |
| 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   |
| 5.1    | 4.8    | 3.4    | 3.9   | 7.0   | 6.3   | 1.0   |
| 1.1    | 1.6    | 3.0    | 3.3   | 2.5   | 2.5   | 4.3   |
| 5.8    | 8.1    | 5.3    | 7.2   | 8.9   | 8.7   | 5.6   |
| 0.1    | 0.1    | 0.1    | 0.1   | 0.1   | 0.1   | 0.0   |
| 6.9    | 10.8   | 13.9   | 14.6  | 17.4  | 15.4  | 13.1  |
| 3037.9 | 1185.4 | 1735.0 | 817.8 | 794.7 | 908.4 | 276.9 |
| 0.0    | 0.0    | 0.4    | 0.1   | 0.0   | 0.2   | 0.0   |
| 4.5    | 4.3    | 3.2    | 6.2   | 5.1   | 5.2   | 6.1   |
| 8.6    | 11.0   | 5.9    | 9.1   | 7.0   | 10.8  | 7.7   |
| 0.1    | 0.2    | 0.5    | 0.4   | 0.3   | 0.2   | 0.0   |
| 0.0    | 0.0    | 0.2    | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.0    | 0.1    | 0.1    | 0.3   | 0.1   | 0.1   | 0.6   |
| 1.9    | 2.0    | 1.8    | 1.9   | 3.4   | 1.3   | 0.9   |
| 0.1    | 0.3    | 0.3    | 0.7   | 0.2   | 0.4   | 0.0   |
| 0.0    | 0.0    | 0.1    | 0.2   | 0.0   | 0.1   | 0.0   |
| 0.0    | 0.0    | 0.0    | 0.1   | 0.0   | 0.2   | 0.0   |
| 0.0    | 0.2    | 0.3    | 0.3   | 0.1   | 0.5   | 0.0   |
| 1.6    | 2.5    | 2.0    | 2.3   | 3.9   | 3.2   | 0.6   |
| 0.1    | 0.1    | 0.6    | 0.4   | 0.0   | 0.3   | 0.0   |
| 0.0    | 0.1    | 0.3    | 0.3   | 0.2   | 0.3   | 0.0   |
| 0.2    | 0.2    | 0.5    | 0.5   | 0.2   | 0.1   | 0.0   |
| 1.6    | 1.7    | 1.9    | 2.4   | 2.4   | 2.5   | 2.0   |
| 0.9    | 0.6    | 0.4    | 0.5   | 0.9   | 0.8   | 0.2   |
| 0.1    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.8    | 0.8    | 0.6    | 0.7   | 1.3   | 1.0   | 0.4   |
| 2.3    | 3.1    | 4.1    | 3.3   | 2.6   | 2.3   | 1.6   |
| 0.3    | 0.5    | 0.9    | 0.4   | 0.3   | 0.7   | 0.0   |
| 1.0    | 0.9    | 1.5    | 1.7   | 1.2   | 1.1   | 1.3   |
| 1.1    | 1.3    | 1.7    | 1.7   | 1.6   | 1.8   | 1.6   |
| 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   |
| 4.6    | 5.6    | 6.0    | 4.8   | 6.0   | 9.6   | 3.7   |
| 1.1    | 1.0    | 0.9    | 0.8   | 0.8   | 1.2   | 0.8   |
| 0.0    | 0.0    | 0.2    | 0.2   | 0.0   | 0.2   | 0.0   |
| 36.2   | 37.3   | 40.0   | 49.9  | 42.8  | 34.6  | 76.6  |
| 0.1    | 0.5    | 0.9    | 0.9   | 0.2   | 0.7   | 0.3   |
| 1.7    | 3.1    | 3.3    | 3.3   | 3.4   | 3.6   | 3.2   |
| 0.1    | 0.4    | 0.2    | 0.4   | 0.7   | 0.4   | 0.1   |
| 3.4    | 3.6    | 3.2    | 4.1   | 3.7   | 3.9   | 5.3   |
| 5.1    | 3.8    | 5.3    | 6.2   | 7.2   | 8.3   | 9.3   |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.0   | 0.0   | 0.1   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.3   | 0.4   | 0.5   | 0.3   | 0.4   | 0.3   | 0.0   |
| 6.3   | 13.1  | 14.9  | 15.7  | 18.3  | 18.6  | 27.6  |
| 8.6   | 10.1  | 7.1   | 7.6   | 10.0  | 10.9  | 2.6   |
| 0.8   | 1.7   | 1.1   | 0.9   | 0.7   | 1.7   | 0.1   |
| 1.7   | 2.5   | 3.2   | 1.7   | 1.3   | 1.4   | 1.7   |
| 10.0  | 16.3  | 10.2  | 11.6  | 13.8  | 16.6  | 11.7  |
| 43.0  | 48.6  | 42.9  | 47.5  | 62.5  | 62.5  | 40.7  |
| 0.2   | 0.3   | 0.1   | 0.3   | 0.3   | 0.1   | 0.0   |
| 776.3 | 555.0 | 495.4 | 525.2 | 487.3 | 661.2 | 778.9 |
| 57.3  | 34.1  | 55.6  | 54.2  | 51.3  | 50.4  | 85.1  |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.1   | 0.0   |
| 14.9  | 24.6  | 24.8  | 23.9  | 21.7  | 19.6  | 19.5  |
| 0.1   | 0.1   | 0.0   | 0.3   | 0.3   | 0.2   | 0.0   |
| 3.5   | 3.4   | 2.6   | 3.3   | 3.6   | 3.8   | 3.3   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.1   | 0.1   | 0.0   |
| 3.8   | 4.6   | 7.0   | 7.8   | 4.9   | 5.6   | 3.4   |
| 0.2   | 0.2   | 0.3   | 0.5   | 0.3   | 0.3   | 0.1   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 3.1   | 3.4   | 3.0   | 2.2   | 3.4   | 3.4   | 2.1   |
| 0.0   | 0.0   | 0.2   | 0.3   | 0.1   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.3   | 0.6   | 0.2   | 0.2   | 0.0   |
| 0.6   | 0.8   | 1.2   | 1.4   | 0.9   | 0.8   | 0.3   |
| 0.4   | 0.4   | 0.8   | 0.6   | 0.4   | 0.8   | 0.6   |
| 0.3   | 0.5   | 0.5   | 0.5   | 0.5   | 59.9  | 0.1   |
| 0.4   | 0.4   | 0.5   | 0.6   | 0.4   | 0.8   | 0.1   |
| 0.6   | 1.0   | 0.8   | 1.3   | 1.3   | 1.1   | 0.5   |
| 0.5   | 1.1   | 2.7   | 1.9   | 1.1   | 2.0   | 0.5   |
| 0.1   | 0.1   | 0.0   | 0.3   | 0.0   | 0.0   | 1.3   |
| 6.0   | 6.5   | 7.7   | 9.8   | 7.7   | 6.7   | 6.2   |
| 0.4   | 0.3   | 0.3   | 0.4   | 0.7   | 0.4   | 0.6   |
| 8.4   | 14.1  | 14.2  | 17.5  | 13.7  | 14.6  | 12.0  |
| 4.6   | 5.7   | 5.9   | 6.8   | 6.0   | 6.9   | 4.0   |
| 5.0   | 6.9   | 7.3   | 6.5   | 5.7   | 7.6   | 3.5   |
| 0.0   | 0.0   | 0.7   | 0.0   | 0.0   | 0.8   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.8   | 0.3   | 0.0   | 1.2   | 0.0   |
| 14.4  | 14.2  | 14.1  | 13.9  | 15.9  | 17.4  | 23.4  |
| 24.4  | 25.3  | 22.2  | 26.5  | 30.3  | 31.0  | 35.9  |
| 3.3   | 3.1   | 9.1   | 9.1   | 6.4   | 5.2   | 3.9   |
| 9.3   | 11.0  | 11.2  | 14.3  | 9.1   | 11.3  | 8.9   |
| 4.4   | 5.0   | 4.1   | 4.1   | 6.9   | 6.5   | 2.2   |
| 4.2   | 3.9   | 3.7   | 4.6   | 5.8   | 4.8   | 7.2   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 3.5   | 4.7   | 4.3   | 4.0   | 4.8   | 4.1   | 1.2   |
| 0.2   | 0.0   | 0.6   | 0.4   | 0.1   | 0.2   | 0.0   |
| 0.0   | 0.2   | 0.6   | 0.6   | 0.2   | 0.2   | 0.0   |



|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.1  | 0.1  | 0.5  | 0.2  | 0.2  | 1.0  | 0.0  |
| 1.7  | 1.9  | 1.9  | 1.8  | 2.6  | 2.0  | 1.3  |
| 6.2  | 7.0  | 7.2  | 6.6  | 8.7  | 8.9  | 10.6 |
| 0.1  | 0.1  | 0.3  | 0.1  | 0.2  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  |
| 6.0  | 6.6  | 6.7  | 7.3  | 6.9  | 6.7  | 8.6  |
| 1.9  | 3.0  | 3.1  | 2.8  | 3.6  | 3.7  | 0.9  |
| 1.0  | 1.2  | 1.1  | 1.1  | 1.4  | 1.3  | 0.6  |
| 6.2  | 8.5  | 7.1  | 6.3  | 7.6  | 10.9 | 2.3  |
| 9.0  | 6.7  | 12.4 | 12.5 | 11.9 | 12.9 | 10.4 |
| 17.6 | 24.3 | 25.6 | 31.3 | 29.0 | 17.6 | 28.1 |
| 0.2  | 0.2  | 0.3  | 0.4  | 0.6  | 0.6  | 0.0  |
| 18.8 | 19.3 | 24.6 | 27.2 | 27.2 | 23.4 | 34.0 |
| 0.4  | 1.0  | 2.2  | 1.7  | 0.6  | 1.8  | 0.2  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 1.1  | 1.1  | 0.8  | 0.9  | 1.8  | 1.7  | 0.1  |
| 0.7  | 0.4  | 0.8  | 0.6  | 0.9  | 0.9  | 0.3  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 3.1  | 3.6  | 4.7  | 5.0  | 6.1  | 4.3  | 2.6  |
| 0.1  | 0.2  | 0.3  | 0.1  | 0.1  | 0.1  | 0.1  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.6  | 0.5  | 0.0  | 0.4  | 0.0  |
| 3.3  | 2.9  | 3.3  | 2.8  | 3.7  | 1.9  | 2.7  |
| 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 6.5  | 7.1  | 7.7  | 6.5  | 7.8  | 7.5  | 4.0  |
| 3.9  | 5.2  | 5.3  | 6.4  | 5.2  | 6.1  | 8.4  |
| 0.1  | 0.0  | 0.1  | 0.2  | 0.0  | 0.1  | 0.0  |
| 3.6  | 4.7  | 3.0  | 2.8  | 5.9  | 3.0  | 7.2  |
| 0.0  | 0.1  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.4  | 0.2  | 0.4  | 0.0  |
| 0.5  | 0.4  | 0.5  | 1.1  | 0.9  | 1.2  | 0.4  |
| 45.8 | 58.4 | 26.8 | 29.2 | 32.1 | 57.8 | 62.0 |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.2  | 0.4  | 0.2  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.2  | 0.1  |
| 2.7  | 4.1  | 4.0  | 3.6  | 4.4  | 4.0  | 3.2  |
| 0.1  | 0.0  | 0.2  | 0.2  | 0.1  | 0.2  | 0.0  |
| 0.2  | 0.0  | 0.5  | 0.4  | 0.1  | 0.2  | 0.0  |
| 3.6  | 5.8  | 7.8  | 7.8  | 5.3  | 6.0  | 5.7  |
| 3.5  | 6.0  | 3.6  | 4.7  | 3.6  | 5.4  | 5.9  |
| 1.9  | 2.7  | 2.2  | 2.1  | 3.1  | 2.6  | 1.2  |
| 47.6 | 54.3 | 56.5 | 67.2 | 55.4 | 51.7 | 59.7 |
| 2.9  | 5.4  | 5.5  | 5.3  | 3.8  | 5.6  | 5.0  |
| 7.3  | 10.4 | 9.7  | 9.2  | 9.6  | 10.0 | 8.0  |
| 0.2  | 0.1  | 0.0  | 0.2  | 0.4  | 0.5  | 0.3  |
| 0.5  | 0.7  | 0.8  | 0.9  | 0.4  | 0.1  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2.0  | 2.2  | 1.2  | 1.0  | 2.0  | 2.7  | 1.1  |
| 0.4  | 0.9  | 1.8  | 1.6  | 1.2  | 1.0  | 1.2  |
| 19.6 | 19.4 | 23.6 | 26.5 | 27.4 | 25.2 | 14.3 |
| 53.1 | 66.6 | 69.6 | 64.2 | 72.0 | 59.8 | 58.9 |
| 17.6 | 17.2 | 14.5 | 16.4 | 19.8 | 20.1 | 22.3 |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.4  | 0.2  | 0.1  | 0.5  | 0.0  |
| 4.9  | 5.7  | 6.8  | 6.6  | 4.8  | 6.1  | 8.8  |
| 6.1  | 8.9  | 7.2  | 7.5  | 8.5  | 10.6 | 2.0  |
| 0.0  | 0.0  | 0.3  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.7  | 1.0  | 1.1  | 1.2  | 1.2  | 1.5  | 0.6  |
| 9.1  | 8.7  | 7.4  | 8.7  | 9.0  | 10.4 | 8.5  |
| 1.0  | 1.7  | 1.4  | 1.9  | 2.1  | 1.5  | 0.7  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.5  | 0.6  | 1.3  | 1.0  | 0.8  | 1.1  | 0.3  |
| 0.1  | 0.1  | 0.2  | 0.2  | 0.2  | 0.2  | 0.2  |
| 0.4  | 0.7  | 0.6  | 0.6  | 0.7  | 0.6  | 0.6  |
| 1.3  | 1.4  | 1.4  | 1.6  | 2.3  | 2.0  | 1.5  |
| 0.8  | 0.8  | 0.7  | 0.7  | 0.8  | 1.1  | 1.1  |
| 0.6  | 0.8  | 0.7  | 0.7  | 0.8  | 1.0  | 0.7  |
| 9.4  | 9.9  | 12.0 | 11.0 | 12.5 | 11.0 | 11.9 |
| 0.9  | 2.3  | 6.1  | 4.5  | 2.3  | 5.0  | 0.6  |
| 12.5 | 12.9 | 11.4 | 12.2 | 16.9 | 15.4 | 10.2 |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 1.2  | 1.0  | 1.5  | 1.8  | 1.1  | 1.6  | 2.0  |
| 0.1  | 0.0  | 0.4  | 0.3  | 0.1  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.2  | 0.1  | 0.4  | 0.1  | 0.3  | 0.0  | 0.0  |
| 4.4  | 6.0  | 3.9  | 4.6  | 5.2  | 4.2  | 5.1  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.2  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  |
| 0.3  | 0.3  | 0.5  | 0.4  | 0.4  | 0.3  | 0.1  |
| 1.5  | 1.5  | 1.4  | 1.7  | 2.0  | 2.2  | 1.8  |
| 1.6  | 1.3  | 2.0  | 2.1  | 2.2  | 2.1  | 2.3  |
| 0.1  | 0.1  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  |
| 4.4  | 4.7  | 3.2  | 4.1  | 6.8  | 3.9  | 1.4  |
| 2.3  | 3.1  | 3.1  | 2.9  | 4.2  | 3.0  | 2.4  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.9  | 3.3  | 9.1  | 6.6  | 4.3  | 4.7  | 3.4  |
| 0.2  | 0.0  | 0.4  | 0.2  | 0.0  | 0.1  | 0.0  |
| 4.3  | 4.0  | 5.5  | 5.6  | 7.4  | 6.3  | 1.6  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.5  |
| 9.6  | 15.8 | 7.6  | 7.7  | 8.8  | 16.0 | 5.9  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 9.4  | 10.9 | 8.7  | 8.0  | 13.3 | 12.0 | 8.7  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |

|       |       |       |       |       |       |      |
|-------|-------|-------|-------|-------|-------|------|
| 0.1   | 0.0   | 0.3   | 0.2   | 0.2   | 0.5   | 0.0  |
| 0.6   | 0.6   | 2.0   | 1.2   | 1.1   | 1.8   | 0.6  |
| 7.4   | 7.9   | 7.2   | 8.0   | 9.8   | 7.8   | 7.3  |
| 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.1   | 0.0  |
| 3.3   | 4.6   | 4.4   | 5.4   | 5.8   | 4.3   | 3.5  |
| 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.0  |
| 0.1   | 0.0   | 0.2   | 0.4   | 0.1   | 0.1   | 0.0  |
| 3.5   | 6.3   | 12.0  | 8.9   | 6.4   | 9.5   | 6.8  |
| 3.1   | 3.0   | 2.0   | 2.4   | 3.0   | 2.8   | 1.9  |
| 0.5   | 1.2   | 1.5   | 0.8   | 0.9   | 1.0   | 0.9  |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0  |
| 0.2   | 0.1   | 0.4   | 0.4   | 0.2   | 0.2   | 0.0  |
| 0.1   | 0.1   | 0.1   | 0.1   | 0.0   | 0.2   | 0.0  |
| 0.3   | 0.4   | 0.3   | 0.6   | 0.1   | 0.6   | 0.2  |
| 5.1   | 5.3   | 3.9   | 3.9   | 5.9   | 3.7   | 1.8  |
| 63.4  | 58.6  | 70.7  | 85.4  | 72.5  | 68.0  | 97.1 |
| 100.4 | 142.5 | 114.9 | 118.9 | 140.4 | 128.7 | 99.4 |
| 0.1   | 0.2   | 0.2   | 0.2   | 0.1   | 0.0   | 0.0  |
| 8.7   | 5.5   | 6.6   | 8.9   | 8.1   | 6.2   | 15.6 |
| 0.0   | 0.0   | 0.3   | 0.3   | 0.0   | 0.2   | 0.0  |
| 0.0   | 0.0   | 0.2   | 0.2   | 0.1   | 0.0   | 0.0  |
| 3.1   | 4.4   | 7.4   | 7.9   | 7.2   | 9.7   | 0.3  |
| 1.8   | 2.0   | 2.2   | 2.3   | 2.0   | 1.9   | 1.2  |
| 0.1   | 0.2   | 0.3   | 0.3   | 0.1   | 0.2   | 0.1  |
| 32.8  | 46.2  | 46.1  | 49.8  | 44.8  | 45.8  | 50.8 |
| 2.2   | 2.5   | 3.2   | 3.2   | 3.3   | 1.5   | 0.0  |
| 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0  |
| 0.0   | 0.0   | 0.0   | 0.3   | 0.1   | 0.3   | 0.0  |
| 5.6   | 6.8   | 4.2   | 4.0   | 5.3   | 5.8   | 1.5  |
| 0.1   | 0.6   | 0.8   | 0.9   | 0.2   | 0.5   | 0.7  |
| 4.8   | 7.3   | 4.6   | 4.4   | 5.4   | 5.4   | 6.6  |
| 1.1   | 1.1   | 1.1   | 0.9   | 1.2   | 2.2   | 1.6  |
| 0.1   | 0.0   | 0.2   | 0.1   | 0.0   | 0.3   | 0.0  |
| 0.3   | 0.8   | 0.8   | 0.4   | 0.7   | 0.3   | 0.2  |
| 9.1   | 13.0  | 8.7   | 7.6   | 11.2  | 6.7   | 4.9  |
| 0.4   | 0.4   | 0.4   | 0.4   | 0.5   | 0.2   | 0.1  |
| 5.5   | 6.7   | 7.2   | 6.3   | 8.0   | 9.1   | 1.0  |
| 3.8   | 3.6   | 4.3   | 4.8   | 4.7   | 3.8   | 3.9  |
| 28.7  | 34.7  | 32.9  | 26.5  | 47.8  | 45.3  | 8.8  |
| 23.4  | 30.1  | 28.0  | 31.6  | 30.3  | 29.5  | 32.1 |
| 0.4   | 0.3   | 0.7   | 0.7   | 0.3   | 0.9   | 0.0  |
| 3.7   | 4.1   | 6.0   | 6.5   | 5.6   | 4.6   | 4.8  |
| 5.4   | 4.6   | 3.6   | 3.2   | 9.4   | 2.6   | 0.7  |
| 1.8   | 2.9   | 4.1   | 4.4   | 4.7   | 6.2   | 0.7  |
| 8.0   | 10.5  | 10.1  | 9.8   | 12.5  | 9.7   | 16.8 |
| 0.2   | 0.4   | 0.9   | 0.6   | 0.3   | 0.7   | 0.5  |

|      |       |      |      |      |       |       |
|------|-------|------|------|------|-------|-------|
| 2.0  | 2.2   | 1.6  | 1.8  | 2.0  | 2.5   | 4.4   |
| 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   |
| 7.3  | 6.8   | 7.0  | 8.3  | 8.8  | 9.4   | 9.3   |
| 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   |
| 0.8  | 1.3   | 1.2  | 1.4  | 1.6  | 1.7   | 0.9   |
| 0.6  | 0.7   | 0.7  | 0.6  | 1.0  | 0.8   | 0.8   |
| 0.5  | 0.9   | 1.5  | 1.4  | 0.9  | 1.2   | 0.3   |
| 0.1  | 0.1   | 0.1  | 0.1  | 0.0  | 0.1   | 0.0   |
| 0.4  | 0.9   | 1.0  | 1.1  | 1.0  | 1.4   | 0.5   |
| 1.2  | 1.3   | 1.4  | 1.8  | 1.9  | 1.3   | 0.5   |
| 2.1  | 2.6   | 3.6  | 4.3  | 3.0  | 2.8   | 2.4   |
| 0.1  | 0.2   | 0.4  | 0.8  | 0.2  | 0.3   | 0.8   |
| 7.5  | 10.2  | 8.6  | 11.1 | 7.3  | 8.7   | 9.0   |
| 1.9  | 3.8   | 5.3  | 4.4  | 4.2  | 5.7   | 1.2   |
| 0.5  | 1.1   | 2.1  | 2.6  | 1.1  | 2.1   | 1.2   |
| 0.8  | 0.5   | 1.3  | 1.5  | 0.7  | 0.6   | 0.8   |
| 2.3  | 2.0   | 2.0  | 2.5  | 2.7  | 1.4   | 1.3   |
| 2.6  | 3.4   | 5.0  | 3.8  | 3.6  | 4.4   | 3.1   |
| 2.5  | 4.4   | 4.8  | 5.0  | 5.7  | 6.6   | 5.8   |
| 12.1 | 12.2  | 14.3 | 15.5 | 13.1 | 13.9  | 15.8  |
| 1.2  | 1.7   | 2.8  | 2.3  | 3.0  | 3.1   | 2.5   |
| 2.2  | 2.4   | 2.7  | 2.1  | 2.9  | 2.4   | 1.3   |
| 2.5  | 3.1   | 4.2  | 4.4  | 3.2  | 3.1   | 3.2   |
| 0.0  | 0.0   | 0.0  | 0.6  | 0.0  | 0.1   | 0.0   |
| 5.8  | 5.1   | 3.0  | 2.2  | 4.5  | 6.0   | 2.2   |
| 1.3  | 1.2   | 1.2  | 1.6  | 1.2  | 1.8   | 0.9   |
| 3.8  | 4.4   | 3.6  | 3.7  | 5.4  | 5.1   | 1.8   |
| 19.1 | 29.2  | 28.6 | 32.5 | 25.8 | 28.4  | 22.6  |
| 0.0  | 0.0   | 0.1  | 0.1  | 0.1  | 0.1   | 0.0   |
| 0.0  | 0.0   | 0.1  | 0.1  | 0.0  | 0.0   | 0.0   |
| 10.0 | 17.4  | 16.0 | 15.0 | 14.1 | 15.8  | 10.5  |
| 0.4  | 0.3   | 0.7  | 0.6  | 0.5  | 0.1   | 0.5   |
| 23.0 | 28.3  | 30.9 | 31.2 | 31.9 | 27.4  | 11.0  |
| 13.5 | 10.9  | 9.5  | 10.6 | 15.0 | 13.2  | 10.3  |
| 5.2  | 6.7   | 6.9  | 7.8  | 5.7  | 6.0   | 5.3   |
| 0.0  | 0.2   | 0.2  | 0.3  | 0.1  | 0.1   | 0.0   |
| 5.7  | 7.4   | 7.9  | 9.1  | 6.6  | 10.4  | 8.7   |
| 0.2  | 0.7   | 0.9  | 0.5  | 1.0  | 0.5   | 0.0   |
| 18.2 | 26.1  | 25.2 | 29.5 | 20.7 | 20.4  | 26.6  |
| 2.0  | 3.3   | 3.9  | 4.3  | 3.5  | 2.6   | 1.2   |
| 3.6  | 6.9   | 7.8  | 7.9  | 7.1  | 6.6   | 12.6  |
| 0.0  | 0.0   | 0.0  | 0.1  | 0.0  | 0.0   | 0.0   |
| 80.2 | 102.5 | 80.8 | 94.4 | 95.7 | 111.9 | 101.6 |
| 3.8  | 4.6   | 3.3  | 3.5  | 6.3  | 5.9   | 0.1   |
| 5.1  | 6.4   | 3.6  | 4.5  | 8.2  | 5.0   | 3.5   |
| 0.1  | 0.3   | 0.5  | 0.6  | 0.3  | 0.5   | 0.0   |
| 5.8  | 6.3   | 9.9  | 9.4  | 7.9  | 6.9   | 6.6   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 17.6 | 25.5 | 26.3 | 26.1 | 22.2 | 32.3 | 28.9 |
| 8.2  | 11.3 | 6.8  | 7.6  | 10.9 | 11.4 | 7.1  |
| 5.5  | 7.2  | 6.9  | 6.6  | 5.2  | 6.2  | 8.4  |
| 21.9 | 19.8 | 21.1 | 21.5 | 28.6 | 25.7 | 11.4 |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.0  | 0.0  | 0.0  |
| 1.0  | 1.2  | 1.2  | 1.3  | 0.9  | 1.5  | 1.0  |
| 8.1  | 10.6 | 11.7 | 13.8 | 9.6  | 13.3 | 17.5 |
| 2.2  | 2.7  | 2.1  | 2.5  | 3.2  | 3.1  | 2.8  |
| 0.2  | 0.3  | 0.3  | 0.3  | 0.3  | 0.3  | 0.2  |
| 1.3  | 2.1  | 2.8  | 3.2  | 1.9  | 3.0  | 0.9  |
| 0.3  | 0.6  | 0.9  | 1.2  | 0.2  | 0.7  | 1.2  |
| 0.1  | 0.1  | 0.0  | 0.2  | 0.1  | 0.0  | 0.0  |
| 1.4  | 1.7  | 1.8  | 1.5  | 2.0  | 1.7  | 1.0  |
| 6.4  | 9.3  | 11.0 | 11.1 | 9.4  | 8.4  | 3.6  |
| 8.2  | 9.0  | 6.7  | 7.0  | 8.6  | 8.6  | 3.1  |
| 0.8  | 0.7  | 0.9  | 1.0  | 1.0  | 2.2  | 1.0  |
| 3.3  | 6.6  | 8.5  | 6.5  | 5.9  | 6.6  | 3.6  |
| 0.2  | 0.2  | 0.4  | 0.2  | 0.4  | 0.0  | 0.7  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.6  | 0.5  | 0.3  | 0.1  | 0.0  |
| 0.2  | 0.2  | 0.1  | 0.2  | 0.2  | 0.2  | 0.1  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  |
| 2.6  | 3.8  | 3.0  | 3.7  | 4.5  | 3.6  | 3.8  |
| 2.8  | 3.9  | 8.9  | 9.5  | 12.4 | 8.6  | 2.5  |
| 8.6  | 8.2  | 8.8  | 9.7  | 7.9  | 7.8  | 8.5  |
| 0.0  | 0.1  | 0.3  | 0.1  | 0.1  | 0.4  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.1  | 0.0  |
| 2.0  | 2.2  | 1.1  | 1.3  | 2.1  | 2.7  | 0.6  |
| 1.0  | 0.9  | 0.8  | 1.0  | 1.0  | 1.0  | 1.0  |
| 6.5  | 8.3  | 8.1  | 9.1  | 7.3  | 9.0  | 9.7  |
| 1.2  | 1.4  | 2.0  | 2.0  | 1.7  | 1.5  | 1.7  |
| 0.1  | 0.0  | 0.2  | 0.9  | 0.7  | 0.8  | 0.0  |
| 3.2  | 3.4  | 3.7  | 4.3  | 3.9  | 3.2  | 2.9  |
| 4.6  | 6.5  | 6.5  | 6.5  | 5.1  | 5.5  | 4.7  |
| 5.3  | 8.5  | 9.8  | 9.7  | 7.6  | 10.0 | 11.6 |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.1  | 0.0  |
| 2.0  | 2.1  | 3.0  | 2.7  | 2.1  | 3.1  | 1.8  |
| 6.2  | 4.9  | 4.9  | 6.1  | 7.3  | 7.9  | 11.5 |
| 0.6  | 0.4  | 0.8  | 0.7  | 0.9  | 0.8  | 0.7  |
| 2.0  | 2.5  | 2.4  | 3.5  | 2.7  | 2.6  | 3.4  |
| 21.3 | 24.8 | 18.2 | 32.5 | 23.1 | 22.3 | 40.8 |
| 0.7  | 1.0  | 1.2  | 1.5  | 0.9  | 1.4  | 1.1  |
| 0.3  | 0.2  | 0.3  | 0.3  | 0.4  | 0.1  | 0.0  |
| 0.5  | 0.4  | 0.5  | 0.7  | 0.5  | 0.6  | 0.2  |
| 1.1  | 0.7  | 0.5  | 1.3  | 1.2  | 1.2  | 2.6  |
| 0.2  | 0.1  | 0.5  | 0.0  | 0.1  | 0.2  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 1.6  | 1.5  | 1.5  | 1.7  | 2.3  | 1.7  | 1.9  |
| 8.3  | 10.1 | 6.7  | 7.7  | 7.2  | 8.7  | 13.8 |
| 13.5 | 12.5 | 15.1 | 14.9 | 15.3 | 16.8 | 16.6 |
| 0.2  | 0.2  | 0.1  | 0.1  | 0.3  | 0.2  | 0.0  |
| 0.2  | 0.2  | 0.1  | 0.2  | 0.2  | 0.1  | 0.0  |
| 3.4  | 2.8  | 4.3  | 6.0  | 4.2  | 3.6  | 6.4  |
| 69.7 | 69.8 | 80.7 | 81.8 | 86.3 | 66.6 | 85.8 |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.0  | 0.0  | 0.0  |
| 2.3  | 3.0  | 2.9  | 3.9  | 4.0  | 3.7  | 2.0  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.1  | 0.0  |
| 5.1  | 5.0  | 6.3  | 6.4  | 6.9  | 5.3  | 8.4  |
| 1.8  | 2.4  | 1.8  | 1.8  | 1.8  | 2.3  | 1.1  |
| 7.4  | 8.3  | 9.8  | 10.5 | 11.5 | 9.6  | 3.6  |
| 0.3  | 0.2  | 0.5  | 0.5  | 0.3  | 0.5  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.5  | 0.0  | 0.4  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.4  | 0.0  | 0.0  | 0.0  |
| 0.6  | 1.0  | 0.7  | 0.7  | 0.9  | 0.9  | 0.8  |
| 0.7  | 0.4  | 0.6  | 0.3  | 0.6  | 1.1  | 0.6  |
| 41.7 | 36.9 | 36.3 | 38.8 | 41.4 | 40.3 | 43.2 |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.4  | 0.7  | 0.6  | 0.7  | 0.4  | 0.7  | 0.1  |
| 1.4  | 2.0  | 2.0  | 1.8  | 2.4  | 2.3  | 1.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 34.3 | 34.9 | 38.7 | 53.7 | 41.8 | 42.3 | 35.6 |
| 0.3  | 0.4  | 0.3  | 0.2  | 0.5  | 0.4  | 0.1  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.2  | 0.3  | 0.4  | 0.1  | 0.0  | 0.4  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.1  | 0.1  | 0.2  | 0.0  |
| 0.4  | 0.6  | 1.2  | 1.3  | 1.2  | 0.6  | 1.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.8  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.1  | 0.1  | 0.1  | 0.0  |
| 40.7 | 54.2 | 62.0 | 71.5 | 55.9 | 55.6 | 72.6 |
| 1.1  | 2.5  | 3.2  | 3.7  | 1.7  | 2.7  | 2.5  |
| 1.9  | 2.6  | 2.6  | 2.4  | 1.5  | 2.2  | 2.1  |
| 0.0  | 0.0  | 0.3  | 0.3  | 0.0  | 0.8  | 0.0  |
| 0.4  | 0.8  | 1.7  | 1.8  | 0.6  | 1.6  | 0.0  |
| 0.1  | 0.2  | 0.9  | 0.7  | 0.3  | 0.7  | 0.0  |
| 1.9  | 1.1  | 1.0  | 1.6  | 1.2  | 1.3  | 2.4  |
| 0.9  | 1.5  | 1.8  | 1.9  | 1.7  | 2.0  | 0.5  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.1  | 0.0  | 0.1  |
| 12.1 | 8.8  | 10.1 | 10.3 | 15.4 | 11.5 | 7.3  |
| 0.6  | 1.0  | 0.9  | 1.0  | 0.9  | 1.9  | 0.5  |
| 0.1  | 0.1  | 0.4  | 0.2  | 0.1  | 0.2  | 0.1  |
| 0.0  | 0.1  | 0.6  | 0.3  | 0.0  | 0.3  | 0.0  |
| 0.3  | 0.3  | 0.1  | 0.2  | 0.3  | 0.3  | 0.1  |
| 2.0  | 2.3  | 2.7  | 4.1  | 2.7  | 2.3  | 2.4  |
| 1.3  | 1.3  | 1.7  | 2.0  | 1.8  | 1.8  | 3.3  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 8.6  | 9.5  | 9.8  | 9.6  | 11.4 | 13.5 | 6.7  |
| 1.0  | 1.3  | 0.7  | 1.2  | 1.5  | 1.1  | 1.1  |
| 0.1  | 0.5  | 1.1  | 0.0  | 0.2  | 0.0  | 0.0  |
| 1.7  | 2.6  | 3.1  | 3.8  | 2.0  | 2.6  | 2.0  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  |
| 1.2  | 1.9  | 2.3  | 2.4  | 1.7  | 2.2  | 1.5  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.5  | 0.7  | 1.5  | 1.9  | 0.9  | 1.3  | 0.0  |
| 45.8 | 38.3 | 52.7 | 54.0 | 48.7 | 46.3 | 51.0 |
| 1.6  | 1.9  | 0.9  | 0.9  | 3.0  | 2.3  | 0.9  |
| 1.9  | 2.2  | 1.5  | 1.5  | 2.3  | 1.8  | 0.9  |
| 0.4  | 0.4  | 0.3  | 0.4  | 0.8  | 0.6  | 0.3  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.1  | 0.0  |
| 5.1  | 5.5  | 5.9  | 7.2  | 7.8  | 5.3  | 3.5  |
| 17.7 | 16.7 | 13.0 | 14.3 | 22.0 | 17.5 | 8.1  |
| 0.5  | 0.2  | 0.6  | 0.7  | 0.3  | 0.5  | 0.9  |
| 3.1  | 5.1  | 6.2  | 5.7  | 5.1  | 5.6  | 5.5  |
| 1.2  | 1.3  | 3.5  | 2.9  | 1.3  | 3.4  | 1.9  |
| 3.5  | 4.4  | 3.5  | 4.7  | 3.6  | 3.0  | 3.0  |
| 0.6  | 0.9  | 0.6  | 0.4  | 1.1  | 1.2  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.0  | 0.2  | 0.0  | 0.0  |
| 0.8  | 1.2  | 1.1  | 1.4  | 1.6  | 1.6  | 2.4  |
| 2.4  | 2.6  | 2.2  | 2.2  | 3.7  | 3.1  | 0.3  |
| 18.9 | 20.4 | 29.7 | 26.1 | 26.8 | 24.4 | 16.4 |
| 1.9  | 1.6  | 1.8  | 1.9  | 1.9  | 2.7  | 0.5  |
| 0.2  | 0.1  | 0.3  | 0.2  | 0.3  | 0.1  | 0.0  |
| 2.5  | 3.0  | 2.8  | 2.8  | 3.8  | 3.5  | 1.6  |
| 1.8  | 1.9  | 2.1  | 2.4  | 2.0  | 1.6  | 1.3  |
| 1.3  | 1.5  | 2.5  | 2.3  | 2.1  | 2.1  | 1.5  |
| 0.9  | 0.9  | 0.9  | 1.1  | 1.3  | 1.5  | 1.3  |
| 0.6  | 0.7  | 0.7  | 1.0  | 0.7  | 1.1  | 0.9  |
| 0.1  | 0.1  | 0.2  | 0.2  | 0.2  | 0.1  | 0.2  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.9  | 0.4  | 1.6  | 1.4  | 1.5  | 1.1  | 1.8  |
| 51.1 | 79.2 | 77.5 | 81.8 | 62.6 | 62.2 | 69.3 |
| 8.7  | 11.0 | 7.5  | 7.6  | 11.9 | 10.2 | 7.0  |
| 10.0 | 11.4 | 12.9 | 14.9 | 10.5 | 13.4 | 15.6 |
| 0.6  | 0.9  | 1.1  | 0.6  | 1.3  | 0.7  | 2.4  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 49.2 | 52.9 | 74.9 | 85.1 | 68.5 | 56.0 | 52.1 |
| 1.0  | 1.3  | 0.9  | 0.9  | 1.2  | 1.7  | 0.6  |
| 6.5  | 5.3  | 5.5  | 6.5  | 6.8  | 6.8  | 7.9  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.9  | 2.1  | 1.9  | 2.3  | 2.9  | 2.4  | 1.9  |
| 5.0  | 6.1  | 5.8  | 6.4  | 6.9  | 7.6  | 7.4  |
| 0.1  | 0.1  | 0.1  | 0.5  | 0.0  | 0.0  | 0.0  |
| 1.4  | 1.5  | 2.5  | 2.3  | 1.2  | 2.5  | 1.7  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.3   | 0.5   | 0.8   | 0.5   | 0.3   | 0.3   | 0.3   |
| 2.7   | 3.2   | 5.3   | 4.8   | 3.5   | 5.1   | 3.3   |
| 0.3   | 1.2   | 2.3   | 2.5   | 0.8   | 2.6   | 1.0   |
| 0.0   | 0.0   | 0.2   | 0.2   | 0.2   | 0.0   | 0.0   |
| 15.8  | 14.2  | 15.7  | 16.8  | 17.1  | 15.9  | 16.9  |
| 0.0   | 0.0   | 0.3   | 0.3   | 0.1   | 0.2   | 0.0   |
| 0.4   | 0.6   | 0.9   | 0.8   | 0.7   | 0.9   | 0.7   |
| 2.0   | 4.3   | 5.0   | 4.7   | 5.2   | 5.1   | 2.3   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.2   | 0.0   |
| 0.5   | 0.4   | 2.3   | 1.2   | 1.7   | 1.4   | 0.7   |
| 78.1  | 89.4  | 110.7 | 105.5 | 105.8 | 135.0 | 81.5  |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.4   | 0.4   | 0.9   | 0.8   | 1.5   | 0.5   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.1   | 0.1   | 0.0   |
| 0.6   | 1.6   | 0.6   | 1.4   | 2.5   | 2.1   | 0.0   |
| 3.7   | 3.7   | 3.9   | 3.1   | 4.9   | 5.7   | 3.3   |
| 0.6   | 1.1   | 0.5   | 1.2   | 0.6   | 0.2   | 0.0   |
| 1.6   | 2.3   | 3.5   | 3.7   | 2.2   | 3.8   | 2.3   |
| 1.7   | 3.1   | 9.1   | 5.3   | 4.0   | 6.6   | 0.5   |
| 3.2   | 2.5   | 2.1   | 1.8   | 3.9   | 3.6   | 2.6   |
| 1.3   | 1.9   | 1.8   | 2.4   | 1.3   | 0.9   | 0.3   |
| 0.1   | 0.0   | 0.4   | 1.1   | 0.5   | 0.0   | 0.0   |
| 0.3   | 0.2   | 0.6   | 0.4   | 0.0   | 0.1   | 0.0   |
| 0.1   | 0.0   | 0.2   | 0.5   | 0.0   | 0.2   | 0.0   |
| 0.3   | 0.1   | 0.0   | 0.5   | 0.0   | 0.2   | 0.0   |
| 102.7 | 133.8 | 68.3  | 82.7  | 70.2  | 131.0 | 185.8 |
| 0.1   | 0.3   | 0.7   | 0.4   | 0.2   | 0.2   | 0.2   |
| 2.0   | 3.8   | 6.9   | 5.5   | 3.2   | 5.8   | 1.5   |
| 0.3   | 0.3   | 0.5   | 0.8   | 0.2   | 0.5   | 0.2   |
| 0.3   | 0.5   | 0.8   | 0.9   | 0.4   | 0.7   | 0.2   |
| 0.0   | 0.2   | 0.7   | 0.0   | 0.0   | 0.9   | 0.0   |
| 4.9   | 5.0   | 5.5   | 7.6   | 5.3   | 5.4   | 9.9   |
| 1.8   | 2.5   | 2.0   | 1.8   | 3.1   | 3.2   | 1.1   |
| 6.6   | 7.3   | 5.4   | 5.8   | 9.9   | 9.6   | 8.5   |
| 0.1   | 0.4   | 0.2   | 0.4   | 0.0   | 0.0   | 0.0   |
| 10.5  | 11.8  | 9.5   | 10.4  | 13.1  | 13.4  | 11.1  |
| 6.6   | 5.3   | 3.8   | 4.7   | 6.4   | 8.7   | 3.2   |
| 0.3   | 0.2   | 0.6   | 0.0   | 0.5   | 0.4   | 0.3   |
| 0.4   | 0.4   | 1.2   | 1.3   | 0.6   | 1.1   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.1   | 0.0   |
| 0.1   | 0.4   | 1.5   | 0.9   | 0.0   | 0.3   | 0.0   |
| 0.2   | 0.4   | 1.0   | 0.5   | 0.5   | 0.7   | 0.0   |
| 0.4   | 0.4   | 0.6   | 0.5   | 0.9   | 0.6   | 0.3   |
| 2.0   | 3.0   | 2.5   | 2.3   | 2.7   | 2.8   | 1.6   |
| 0.0   | 0.1   | 0.1   | 0.2   | 0.2   | 0.0   | 0.0   |
| 272.3 | 217.6 | 268.1 | 298.9 | 271.5 | 242.5 | 493.9 |
| 0.0   | 0.2   | 0.2   | 0.1   | 0.2   | 0.1   | 0.1   |



|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| 0.1    | 0.0    | 0.1    | 0.1    | 0.0    | 0.2    | 0.0    |
| 1.4    | 2.3    | 1.3    | 1.8    | 2.9    | 2.4    | 3.2    |
| 1331.6 | 1076.4 | 852.5  | 1098.8 | 1293.6 | 1206.2 | 783.7  |
| 0.2    | 0.7    | 0.5    | 1.0    | 0.4    | 0.9    | 0.0    |
| 0.1    | 0.0    | 0.6    | 1.2    | 0.0    | 0.8    | 0.0    |
| 0.0    | 0.0    | 0.2    | 0.6    | 0.0    | 0.0    | 0.5    |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 0.7    | 0.7    | 0.9    | 1.0    | 1.1    | 1.3    | 0.4    |
| 0.0    | 0.0    | 0.2    | 0.2    | 0.1    | 0.1    | 0.1    |
| 0.1    | 0.0    | 0.3    | 0.3    | 0.2    | 0.8    | 0.0    |
| 0.0    | 0.0    | 0.2    | 0.2    | 0.1    | 0.2    | 0.0    |
| 7411.1 | 5492.7 | 4944.7 | 6101.2 | 9136.6 | 7130.3 | 2289.0 |
| 148.4  | 69.7   | 157.1  | 108.8  | 163.0  | 263.1  | 184.0  |
| 0.9    | 1.1    | 1.9    | 1.8    | 1.5    | 2.5    | 0.6    |
| 0.8    | 1.6    | 2.8    | 3.2    | 1.5    | 3.5    | 0.0    |
| 0.0    | 0.0    | 0.4    | 0.2    | 0.0    | 0.3    | 0.0    |
| 4.2    | 8.9    | 6.1    | 5.8    | 6.3    | 8.8    | 5.6    |
| 2.5    | 2.4    | 2.5    | 2.0    | 4.0    | 3.1    | 1.4    |
| 6.8    | 13.8   | 11.1   | 10.4   | 13.1   | 14.3   | 6.1    |
| 0.0    | 0.0    | 0.1    | 0.2    | 0.1    | 0.0    | 0.0    |
| 0.1    | 0.0    | 0.0    | 0.0    | 0.0    | 0.1    | 0.1    |
| 287.0  | 252.2  | 159.9  | 171.9  | 391.3  | 129.0  | 204.1  |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 36.7   | 55.5   | 46.3   | 45.6   | 50.0   | 72.2   | 51.3   |
| 7375.6 | 5122.1 | 5828.9 | 5537.1 | 8098.8 | 5945.4 | 4119.3 |
| 1.9    | 1.3    | 2.5    | 3.7    | 3.6    | 3.2    | 1.9    |
| 0.7    | 0.9    | 3.0    | 2.8    | 2.5    | 1.0    | 0.6    |
| 647.5  | 504.1  | 453.6  | 727.1  | 373.4  | 264.8  | 268.3  |
| 32.6   | 43.7   | 58.1   | 60.9   | 40.8   | 59.9   | 63.7   |
| 0.8    | 1.1    | 1.7    | 1.3    | 1.4    | 1.8    | 0.4    |
| 5.4    | 7.3    | 7.4    | 8.0    | 6.7    | 7.7    | 10.0   |
| 0.0    | 0.0    | 0.2    | 0.2    | 0.2    | 0.1    | 0.0    |
| 5.8    | 7.1    | 7.9    | 10.0   | 7.1    | 7.1    | 6.0    |
| 0.2    | 0.2    | 1.1    | 0.8    | 0.1    | 1.4    | 0.0    |
| 27.8   | 31.9   | 26.1   | 29.8   | 37.1   | 36.0   | 20.1   |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 1.8    | 1.6    | 1.7    | 1.4    | 2.3    | 1.7    | 1.3    |
| 0.0    | 0.0    | 0.2    | 0.2    | 0.0    | 0.0    | 0.0    |
| 0.8    | 0.7    | 0.9    | 0.7    | 0.8    | 0.9    | 0.0    |
| 0.1    | 0.1    | 0.4    | 0.4    | 0.3    | 0.3    | 0.0    |
| 0.5    | 0.9    | 1.6    | 1.5    | 1.3    | 1.3    | 1.3    |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.6    | 0.0    |
| 1.4    | 1.4    | 1.0    | 1.2    | 3.2    | 1.5    | 0.6    |
| 0.0    | 0.0    | 0.2    | 0.0    | 0.0    | 0.4    | 0.0    |
| 0.4    | 0.0    | 1.9    | 0.2    | 0.0    | 0.0    | 0.0    |
| 1.8    | 1.8    | 3.5    | 1.8    | 2.6    | 1.3    | 3.3    |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  |
| 3.8  | 7.0  | 28.3 | 11.6 | 11.3 | 11.3 | 2.0  |
| 0.1  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.4  | 0.4  | 0.2  | 0.1  | 0.0  |
| 0.2  | 0.2  | 0.4  | 0.1  | 0.7  | 0.6  | 0.0  |
| 4.7  | 7.1  | 6.8  | 6.4  | 6.2  | 8.0  | 10.3 |
| 0.2  | 0.3  | 0.7  | 0.6  | 0.1  | 0.8  | 0.0  |
| 0.2  | 0.3  | 0.3  | 0.7  | 0.3  | 0.9  | 0.1  |
| 5.7  | 11.9 | 11.3 | 12.9 | 10.4 | 10.1 | 7.4  |
| 0.7  | 0.9  | 0.6  | 0.6  | 1.1  | 0.7  | 0.5  |
| 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.3  | 0.0  |
| 0.1  | 0.1  | 0.9  | 0.4  | 0.5  | 0.1  | 0.9  |
| 1.4  | 1.4  | 0.7  | 1.5  | 1.0  | 1.0  | 0.0  |
| 0.5  | 0.6  | 0.8  | 0.8  | 0.6  | 1.4  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.3  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.4  | 0.3  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.3  | 0.4  | 0.1  | 0.1  | 0.0  | 0.1  |
| 0.8  | 1.5  | 3.2  | 3.2  | 1.6  | 2.8  | 1.4  |
| 0.2  | 0.4  | 0.9  | 0.2  | 0.2  | 0.6  | 0.0  |
| 0.1  | 0.1  | 0.4  | 0.2  | 0.0  | 0.3  | 0.0  |
| 1.9  | 1.4  | 1.1  | 1.3  | 2.6  | 1.0  | 0.4  |
| 0.0  | 0.1  | 0.5  | 0.4  | 0.2  | 0.1  | 0.0  |
| 1.9  | 2.8  | 2.7  | 1.9  | 2.2  | 2.7  | 3.8  |
| 0.9  | 1.5  | 3.3  | 3.1  | 1.5  | 2.5  | 0.4  |
| 1.9  | 3.8  | 10.0 | 8.6  | 5.2  | 6.8  | 0.4  |
| 0.0  | 0.3  | 0.1  | 0.2  | 0.3  | 0.8  | 0.0  |
| 0.4  | 0.0  | 0.3  | 0.3  | 0.3  | 1.2  | 0.0  |
| 4.7  | 5.7  | 6.6  | 6.1  | 8.2  | 5.3  | 0.6  |
| 0.0  | 0.1  | 0.3  | 0.1  | 0.1  | 0.5  | 0.0  |
| 0.6  | 1.6  | 3.2  | 3.1  | 1.5  | 2.2  | 1.1  |
| 2.5  | 2.4  | 2.9  | 3.3  | 3.0  | 2.8  | 3.8  |
| 1.2  | 2.8  | 7.2  | 5.8  | 2.5  | 4.6  | 1.0  |
| 0.1  | 0.2  | 0.1  | 0.1  | 0.2  | 0.2  | 0.0  |
| 0.3  | 1.1  | 2.4  | 2.1  | 0.8  | 2.8  | 0.0  |
| 0.0  | 0.0  | 0.5  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.3  | 0.1  | 0.3  | 0.2  | 0.0  | 0.0  |
| 13.5 | 14.9 | 9.5  | 11.2 | 12.2 | 21.1 | 20.7 |
| 2.2  | 3.4  | 7.2  | 6.3  | 4.0  | 7.0  | 4.1  |
| 0.2  | 0.1  | 1.4  | 0.8  | 0.1  | 0.1  | 0.0  |
| 4.2  | 5.7  | 5.2  | 5.4  | 5.8  | 5.5  | 3.4  |
| 0.1  | 0.0  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.4  | 0.4  | 1.1  | 0.2  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.1  | 0.2  | 0.0  | 0.2  | 0.0  |
| 0.3  | 0.4  | 0.6  | 0.4  | 0.5  | 0.3  | 0.0  |
| 0.3  | 0.1  | 0.8  | 0.8  | 0.1  | 0.5  | 0.0  |
| 3.2  | 3.9  | 4.4  | 4.7  | 3.7  | 2.8  | 4.4  |
| 0.0  | 0.0  | 0.5  | 0.3  | 0.0  | 3.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.6  | 0.8  | 1.3  | 1.0  | 0.9  | 0.7  | 0.6  |
| 0.3  | 0.0  | 0.9  | 0.2  | 0.2  | 0.0  | 0.9  |
| 0.0  | 0.1  | 0.5  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.2  | 0.7  | 1.0  | 0.6  | 0.7  | 0.5  |
| 2.7  | 3.2  | 3.2  | 2.0  | 4.3  | 4.6  | 2.7  |
| 0.0  | 0.1  | 0.0  | 0.3  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.4  | 0.8  | 0.5  | 0.6  | 0.6  | 1.5  | 0.0  |
| 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.8  | 3.4  | 5.0  | 5.3  | 2.8  | 5.1  | 1.5  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.8  | 0.5  | 0.9  | 1.8  | 1.0  | 1.5  | 1.5  |
| 0.9  | 0.6  | 0.9  | 0.4  | 1.0  | 0.4  | 0.0  |
| 0.0  | 0.1  | 0.6  | 0.2  | 0.1  | 0.0  | 0.0  |
| 1.3  | 2.1  | 1.6  | 1.5  | 2.2  | 2.2  | 1.4  |
| 0.1  | 0.2  | 0.6  | 0.4  | 0.4  | 0.5  | 0.2  |
| 0.0  | 0.1  | 0.5  | 0.4  | 0.4  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.3  | 1.1  | 1.7  | 2.5  | 1.3  | 2.4  | 0.6  |
| 0.1  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 7.3  | 8.9  | 9.6  | 9.7  | 10.4 | 10.4 | 7.3  |
| 0.1  | 0.2  | 1.3  | 0.4  | 0.6  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.6  | 1.6  | 4.1  | 3.8  | 1.1  | 2.0  | 1.6  |
| 0.0  | 0.0  | 0.4  | 0.3  | 0.1  | 0.2  | 0.0  |
| 2.5  | 3.5  | 2.4  | 2.8  | 2.7  | 4.2  | 2.4  |
| 0.2  | 0.1  | 0.4  | 0.6  | 0.1  | 0.3  | 0.0  |
| 0.6  | 1.5  | 0.8  | 1.7  | 0.5  | 0.9  | 0.0  |
| 0.1  | 0.4  | 0.4  | 1.0  | 0.5  | 0.5  | 0.4  |
| 0.1  | 0.4  | 1.1  | 1.5  | 0.3  | 0.5  | 0.0  |
| 0.1  | 0.0  | 0.3  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 15.9 | 20.6 | 22.0 | 21.1 | 17.6 | 17.9 | 17.6 |
| 0.9  | 0.7  | 0.4  | 0.9  | 0.7  | 0.8  | 0.0  |
| 1.2  | 3.6  | 8.5  | 7.1  | 3.0  | 6.2  | 2.3  |
| 1.9  | 2.9  | 5.2  | 4.1  | 2.5  | 4.5  | 0.0  |
| 7.4  | 7.6  | 8.4  | 12.5 | 8.6  | 9.1  | 14.7 |
| 2.3  | 2.4  | 2.5  | 2.7  | 2.4  | 1.8  | 1.1  |

|       |      |       |      |      |      |      |
|-------|------|-------|------|------|------|------|
| 1.0   | 1.4  | 2.0   | 2.3  | 1.6  | 1.3  | 1.6  |
| 0.0   | 0.0  | 0.1   | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0   | 0.2  | 0.8   | 1.0  | 0.2  | 0.5  | 0.0  |
| 3.4   | 6.2  | 4.8   | 8.8  | 9.4  | 8.8  | 2.2  |
| 5.3   | 4.9  | 8.1   | 7.7  | 9.5  | 7.7  | 7.1  |
| 0.0   | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |
| 2.0   | 0.7  | 0.4   | 1.0  | 1.3  | 0.8  | 0.0  |
| 0.1   | 0.0  | 0.4   | 0.7  | 0.0  | 0.0  | 0.0  |
| 1.1   | 0.9  | 1.4   | 0.9  | 0.9  | 1.2  | 0.4  |
| 0.1   | 0.2  | 0.5   | 0.6  | 0.2  | 0.7  | 0.4  |
| 1.4   | 1.8  | 2.5   | 1.7  | 1.1  | 2.6  | 0.3  |
| 0.1   | 0.4  | 0.5   | 0.3  | 0.2  | 0.1  | 0.6  |
| 0.2   | 0.0  | 0.3   | 0.1  | 0.3  | 0.0  | 0.0  |
| 4.7   | 5.6  | 5.4   | 5.4  | 5.0  | 5.1  | 8.0  |
| 1.1   | 0.7  | 1.5   | 1.3  | 2.8  | 1.0  | 0.4  |
| 0.0   | 0.1  | 0.7   | 0.5  | 0.1  | 0.4  | 0.0  |
| 0.2   | 0.1  | 0.6   | 1.2  | 0.3  | 1.0  | 0.7  |
| 0.0   | 0.0  | 0.0   | 0.2  | 0.0  | 0.0  | 0.0  |
| 3.6   | 5.0  | 4.9   | 4.9  | 4.5  | 4.6  | 5.3  |
| 4.1   | 5.0  | 4.7   | 4.3  | 7.2  | 5.1  | 2.7  |
| 0.1   | 0.0  | 0.2   | 0.0  | 0.2  | 0.0  | 0.0  |
| 0.0   | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0   | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0   | 0.1  | 0.3   | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0   | 0.1  | 0.3   | 0.4  | 0.0  | 0.0  | 0.0  |
| 0.3   | 0.3  | 0.3   | 0.0  | 0.5  | 0.6  | 0.3  |
| 0.0   | 0.0  | 0.1   | 0.1  | 0.2  | 0.0  | 0.0  |
| 0.0   | 0.0  | 0.0   | 0.0  | 0.3  | 0.0  | 0.0  |
| 0.1   | 0.0  | 0.2   | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.8   | 2.2  | 2.0   | 1.9  | 2.2  | 2.1  | 0.7  |
| 3.2   | 4.2  | 4.6   | 5.5  | 4.0  | 4.0  | 3.2  |
| 399.6 | 21.0 | 136.1 | 64.8 | 48.2 | 96.4 | 15.5 |
| 0.1   | 0.2  | 0.3   | 0.1  | 0.3  | 0.2  | 0.0  |
| 3.2   | 4.6  | 8.5   | 6.5  | 6.5  | 4.2  | 1.1  |
| 0.7   | 0.8  | 0.4   | 1.8  | 0.3  | 1.0  | 0.0  |
| 0.1   | 0.1  | 0.5   | 0.2  | 0.2  | 0.3  | 0.0  |
| 0.0   | 0.1  | 0.0   | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0   | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1   | 0.1  | 0.2   | 0.4  | 0.0  | 0.6  | 0.0  |
| 1.2   | 1.7  | 1.4   | 1.4  | 1.4  | 1.4  | 1.0  |
| 0.0   | 0.2  | 0.1   | 0.1  | 0.2  | 0.2  | 0.0  |
| 4.7   | 4.6  | 3.8   | 7.4  | 7.3  | 6.4  | 6.1  |
| 4.2   | 5.6  | 6.2   | 7.0  | 5.7  | 4.9  | 5.0  |
| 0.0   | 0.0  | 0.1   | 0.1  | 0.0  | 0.0  | 0.1  |
| 2.6   | 4.7  | 6.3   | 4.4  | 3.8  | 4.7  | 2.0  |
| 7.3   | 6.3  | 10.6  | 8.9  | 4.6  | 7.8  | 3.5  |
| 2.1   | 2.1  | 1.7   | 1.2  | 1.2  | 3.0  | 3.6  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 13.9 | 13.7 | 7.0  | 6.2  | 10.6 | 14.4 | 13.7 |
| 0.1  | 0.2  | 0.3  | 0.3  | 0.2  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.3  | 0.5  | 0.4  | 0.7  | 0.8  |
| 0.1  | 0.8  | 0.0  | 0.8  | 1.0  | 0.0  | 0.0  |
| 0.2  | 0.9  | 1.0  | 1.1  | 0.5  | 0.7  | 0.0  |
| 0.1  | 0.0  | 0.2  | 0.1  | 0.1  | 0.2  | 0.0  |
| 0.4  | 0.6  | 0.7  | 0.5  | 0.3  | 0.5  | 0.3  |
| 0.3  | 0.1  | 0.5  | 0.1  | 0.2  | 0.4  | 0.0  |
| 4.5  | 5.4  | 12.8 | 10.4 | 6.3  | 11.4 | 1.8  |
| 0.0  | 0.1  | 0.4  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.2  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.5  | 0.1  | 0.4  | 0.0  |
| 0.1  | 0.2  | 0.1  | 0.1  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.3  | 1.7  | 3.9  | 3.9  | 3.0  | 1.3  | 1.0  |
| 0.0  | 0.1  | 0.4  | 0.2  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.6  | 0.0  | 0.0  | 0.4  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3.4  | 3.4  | 2.6  | 3.6  | 4.6  | 4.7  | 5.4  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.1  | 1.3  | 2.8  | 2.2  | 2.8  | 1.5  | 0.3  |
| 0.0  | 0.0  | 0.8  | 0.0  | 0.0  | 1.0  | 0.0  |
| 8.2  | 11.0 | 22.6 | 24.0 | 13.2 | 24.1 | 2.4  |
| 0.1  | 0.0  | 0.0  | 0.1  | 0.1  | 0.5  | 0.0  |
| 1.0  | 1.0  | 1.2  | 1.2  | 1.5  | 1.2  | 1.0  |
| 0.6  | 0.5  | 0.0  | 1.1  | 1.9  | 0.9  | 0.0  |
| 0.2  | 0.2  | 0.1  | 0.3  | 0.3  | 0.3  | 0.9  |
| 0.2  | 0.5  | 1.1  | 0.4  | 0.5  | 0.6  | 0.0  |
| 0.0  | 0.0  | 0.4  | 0.0  | 0.0  | 0.3  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.8  | 1.0  | 1.7  | 1.6  | 0.9  | 1.2  | 0.0  |
| 0.4  | 0.5  | 0.9  | 0.7  | 0.7  | 0.5  | 1.6  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.5  | 0.3  | 0.4  | 0.3  | 0.0  |
| 1.8  | 2.0  | 1.1  | 1.3  | 2.5  | 2.7  | 1.5  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  |
| 2.5  | 2.4  | 1.8  | 1.7  | 2.8  | 2.1  | 1.8  |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.2  | 0.2  | 0.3  | 0.2  | 0.2  | 0.0  |
| 10.0 | 10.8 | 19.1 | 15.8 | 12.3 | 10.6 | 9.1  |
| 0.1  | 0.1  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.1  | 0.3  | 0.6  | 0.0  | 1.4  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.3  | 0.0  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.1  | 0.0  | 0.2  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.5  | 2.2  | 5.3  | 3.2  | 0.8  | 3.9  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.6  | 0.0  |
| 0.0  | 0.1  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3.2  | 4.4  | 2.9  | 3.4  | 4.7  | 3.7  | 1.8  |
| 0.3  | 0.2  | 0.5  | 0.2  | 0.2  | 0.4  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.2  | 0.0  | 0.8  | 1.2  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.6  | 0.6  | 0.3  | 0.6  | 0.0  |
| 6.4  | 6.5  | 6.3  | 6.6  | 9.7  | 7.5  | 4.5  |
| 2.1  | 2.5  | 2.2  | 2.5  | 2.7  | 2.5  | 1.2  |
| 2.0  | 2.5  | 3.7  | 2.6  | 2.0  | 4.1  | 0.2  |
| 0.0  | 0.1  | 0.6  | 0.2  | 0.0  | 0.0  | 0.0  |
| 1.3  | 1.6  | 1.8  | 1.9  | 1.6  | 2.8  | 2.2  |
| 4.8  | 3.5  | 3.0  | 4.1  | 4.8  | 6.0  | 10.0 |
| 0.3  | 1.7  | 2.0  | 3.0  | 1.4  | 3.9  | 0.0  |
| 1.4  | 1.3  | 1.6  | 2.4  | 1.4  | 1.0  | 0.5  |
| 3.5  | 3.8  | 4.4  | 4.7  | 3.7  | 4.1  | 6.0  |
| 4.5  | 8.3  | 6.8  | 5.6  | 8.7  | 11.3 | 7.4  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.5  | 0.4  | 0.9  | 0.8  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.4  | 0.6  | 0.2  | 0.1  | 0.0  |
| 14.8 | 17.7 | 16.7 | 20.9 | 17.6 | 17.6 | 16.5 |
| 0.4  | 0.6  | 0.6  | 0.4  | 0.7  | 0.7  | 1.1  |
| 0.9  | 1.0  | 0.4  | 0.5  | 1.4  | 1.0  | 0.3  |
| 4.0  | 3.8  | 4.5  | 5.2  | 4.8  | 4.2  | 5.9  |
| 0.6  | 0.7  | 0.4  | 0.9  | 0.5  | 0.6  | 0.0  |
| 15.4 | 11.4 | 5.5  | 5.0  | 14.8 | 20.1 | 23.8 |
| 34.9 | 54.2 | 21.9 | 20.8 | 44.8 | 52.3 | 10.1 |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  |
| 2.1  | 2.1  | 2.6  | 4.2  | 3.0  | 2.7  | 3.7  |
| 0.1  | 0.1  | 0.5  | 0.4  | 0.3  | 0.3  | 0.4  |
| 2.4  | 3.3  | 4.4  | 4.5  | 4.0  | 2.8  | 3.3  |
| 0.8  | 1.7  | 3.7  | 3.2  | 0.7  | 3.3  | 0.6  |
| 0.0  | 0.0  | 0.2  | 0.9  | 0.6  | 0.0  | 0.3  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  |
| 12.8 | 15.9 | 21.6 | 22.6 | 22.3 | 20.2 | 15.4 |
| 6.4  | 5.2  | 8.9  | 7.4  | 5.6  | 6.5  | 5.2  |
| 2.9  | 6.7  | 9.5  | 7.3  | 10.8 | 8.6  | 2.9  |
| 0.4  | 0.4  | 0.6  | 0.4  | 0.4  | 0.5  | 0.3  |
| 0.0  | 0.3  | 0.3  | 0.1  | 0.3  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.7  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.5  | 0.5  | 0.2  | 0.7  | 0.0  |
| 0.0  | 0.3  | 0.6  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3.4  | 5.5  | 4.9  | 6.7  | 6.3  | 5.5  | 2.6  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 11.6 | 12.0 | 8.3  | 7.4  | 17.4 | 9.6  | 3.5  |
| 1.2  | 1.7  | 1.2  | 2.0  | 2.5  | 2.1  | 0.6  |
| 1.5  | 3.3  | 2.1  | 2.0  | 2.8  | 2.2  | 1.8  |
| 0.1  | 0.3  | 0.3  | 0.1  | 0.2  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.3  | 0.2  | 0.0  | 0.0  |
| 16.8 | 13.4 | 14.2 | 11.2 | 17.9 | 17.2 | 11.7 |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.3  | 0.6  | 0.2  | 0.4  | 0.5  |
| 0.8  | 2.2  | 4.6  | 4.1  | 1.6  | 4.1  | 0.4  |
| 6.4  | 9.7  | 6.8  | 7.8  | 10.9 | 10.3 | 2.7  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.0  | 1.0  | 1.2  | 1.3  | 1.5  | 1.1  | 0.4  |
| 4.5  | 4.4  | 7.8  | 5.0  | 5.0  | 5.5  | 8.1  |
| 6.0  | 7.0  | 7.9  | 8.8  | 7.3  | 8.4  | 6.8  |
| 13.9 | 15.3 | 17.0 | 16.3 | 16.9 | 17.3 | 17.2 |
| 2.0  | 3.7  | 6.7  | 6.6  | 5.0  | 6.2  | 0.9  |
| 3.4  | 3.2  | 3.3  | 3.3  | 4.2  | 2.0  | 2.2  |
| 0.1  | 0.1  | 0.2  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 7.1  | 9.2  | 7.2  | 6.7  | 10.7 | 9.5  | 2.5  |
| 0.0  | 0.3  | 0.9  | 1.4  | 0.0  | 0.0  | 0.0  |
| 1.1  | 2.7  | 6.0  | 6.0  | 2.1  | 3.8  | 1.4  |
| 27.4 | 23.8 | 22.5 | 24.8 | 28.9 | 32.4 | 43.0 |
| 5.3  | 3.2  | 5.2  | 5.8  | 5.1  | 5.1  | 8.0  |
| 0.1  | 0.8  | 0.0  | 0.6  | 0.2  | 1.2  | 0.0  |
| 0.3  | 1.1  | 1.6  | 2.4  | 2.1  | 2.4  | 0.0  |
| 17.4 | 17.0 | 15.6 | 16.9 | 16.1 | 16.0 | 20.1 |
| 0.8  | 2.4  | 4.9  | 6.0  | 1.6  | 4.4  | 1.7  |
| 2.7  | 4.1  | 2.8  | 2.7  | 4.3  | 4.0  | 1.3  |
| 0.0  | 0.0  | 0.8  | 0.0  | 0.0  | 2.2  | 0.0  |
| 6.6  | 6.8  | 7.7  | 9.1  | 7.0  | 8.6  | 13.7 |
| 0.6  | 0.5  | 0.6  | 0.9  | 1.3  | 1.0  | 2.2  |
| 0.0  | 0.2  | 0.0  | 0.4  | 0.4  | 0.0  | 0.0  |
| 0.6  | 1.1  | 3.8  | 3.2  | 0.9  | 2.9  | 1.4  |
| 12.9 | 14.5 | 15.6 | 14.9 | 14.9 | 14.4 | 14.5 |
| 0.2  | 0.4  | 1.0  | 0.7  | 0.3  | 0.3  | 0.0  |
| 13.5 | 19.5 | 13.2 | 12.9 | 21.0 | 19.5 | 8.8  |
| 7.7  | 8.2  | 7.3  | 8.8  | 10.3 | 9.7  | 8.3  |
| 4.8  | 6.7  | 4.3  | 4.8  | 6.6  | 6.7  | 5.4  |
| 0.0  | 0.0  | 0.2  | 0.5  | 0.0  | 0.4  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.2  | 0.0  |
| 0.1  | 0.2  | 0.6  | 0.6  | 0.3  | 0.6  | 0.0  |
| 1.8  | 1.7  | 1.9  | 2.5  | 1.8  | 1.7  | 2.9  |
| 10.8 | 13.4 | 10.8 | 11.2 | 15.4 | 14.3 | 8.2  |

|        |       |        |       |       |       |        |
|--------|-------|--------|-------|-------|-------|--------|
| 0.0    | 0.0   | 1.3    | 0.0   | 0.0   | 0.0   | 0.0    |
| 0.0    | 0.0   | 0.2    | 0.1   | 0.4   | 0.4   | 0.0    |
| 0.0    | 0.3   | 0.0    | 0.3   | 0.0   | 0.0   | 0.0    |
| 0.0    | 0.0   | 0.0    | 0.0   | 0.0   | 0.0   | 0.0    |
| 1.8    | 3.0   | 4.1    | 4.6   | 3.8   | 3.9   | 4.5    |
| 1.3    | 1.6   | 1.0    | 0.8   | 1.1   | 1.2   | 0.7    |
| 0.0    | 0.0   | 0.5    | 0.1   | 0.1   | 0.1   | 0.0    |
| 0.0    | 0.0   | 0.0    | 0.1   | 0.0   | 0.1   | 0.0    |
| 0.7    | 1.1   | 0.6    | 0.7   | 1.7   | 0.9   | 0.4    |
| 2.5    | 2.8   | 2.2    | 2.2   | 3.9   | 3.1   | 0.6    |
| 8.5    | 11.5  | 11.1   | 11.1  | 15.5  | 14.0  | 6.1    |
| 0.0    | 0.0   | 0.0    | 0.0   | 0.0   | 0.0   | 0.0    |
| 21.4   | 35.0  | 35.0   | 36.8  | 32.7  | 34.8  | 35.0   |
| 4.7    | 4.7   | 4.3    | 4.6   | 6.3   | 5.8   | 5.3    |
| 4.6    | 6.6   | 1.2    | 2.2   | 2.5   | 6.7   | 2.0    |
| 7.9    | 13.0  | 12.0   | 12.2  | 10.4  | 12.7  | 11.6   |
| 7.7    | 7.4   | 11.9   | 11.3  | 11.5  | 9.1   | 13.9   |
| 15.6   | 15.9  | 18.6   | 21.3  | 23.1  | 20.5  | 26.3   |
| 1568.1 | 603.6 | 1142.4 | 521.5 | 682.6 | 618.7 | 1051.9 |
| 0.0    | 0.3   | 0.0    | 0.1   | 0.0   | 0.1   | 0.0    |
| 0.0    | 0.0   | 0.0    | 0.1   | 0.0   | 0.4   | 0.0    |
| 0.8    | 0.2   | 0.6    | 0.3   | 0.8   | 0.4   | 0.0    |
| 0.1    | 0.1   | 0.5    | 0.3   | 0.1   | 0.2   | 0.0    |
| 0.9    | 1.4   | 1.5    | 1.6   | 1.1   | 1.4   | 2.5    |
| 2.5    | 3.4   | 3.4    | 4.6   | 3.2   | 3.4   | 4.6    |
| 0.1    | 0.0   | 0.2    | 0.1   | 0.0   | 0.0   | 0.0    |
| 0.3    | 0.7   | 0.4    | 0.1   | 0.3   | 0.6   | 0.0    |
| 0.0    | 0.1   | 0.0    | 0.2   | 0.3   | 1.1   | 0.0    |
| 0.0    | 0.0   | 0.0    | 0.1   | 0.0   | 0.3   | 0.0    |
| 0.1    | 0.1   | 0.4    | 0.5   | 0.8   | 0.2   | 0.0    |
| 1.0    | 1.0   | 1.2    | 0.8   | 0.8   | 1.2   | 0.0    |
| 0.4    | 0.5   | 0.5    | 0.2   | 0.4   | 0.0   | 0.0    |
| 1.4    | 1.8   | 1.4    | 1.4   | 2.6   | 1.7   | 0.7    |
| 2.1    | 2.1   | 3.0    | 3.1   | 3.5   | 2.2   | 1.3    |
| 0.3    | 0.4   | 0.6    | 0.5   | 0.6   | 0.8   | 0.2    |
| 0.0    | 0.0   | 0.1    | 0.0   | 0.0   | 0.0   | 0.0    |
| 3.4    | 5.9   | 4.7    | 4.2   | 6.5   | 5.6   | 7.5    |
| 0.6    | 0.5   | 0.8    | 0.6   | 1.2   | 0.5   | 0.0    |
| 1.8    | 2.0   | 1.9    | 2.1   | 2.5   | 2.0   | 2.0    |
| 4.6    | 5.8   | 7.0    | 6.4   | 5.8   | 8.4   | 7.8    |
| 0.0    | 0.1   | 1.6    | 0.4   | 0.1   | 0.1   | 0.0    |
| 0.3    | 1.6   | 2.6    | 1.9   | 1.1   | 3.0   | 1.5    |
| 0.4    | 0.9   | 1.0    | 1.3   | 2.1   | 0.5   | 0.0    |
| 0.1    | 0.0   | 0.3    | 0.4   | 0.3   | 0.4   | 0.0    |
| 0.8    | 0.9   | 1.7    | 0.5   | 0.7   | 2.2   | 0.7    |
| 2.0    | 1.7   | 1.8    | 2.9   | 3.5   | 2.8   | 1.7    |
| 0.9    | 0.5   | 0.9    | 0.9   | 0.7   | 1.3   | 1.0    |



|     |     |      |      |     |      |     |
|-----|-----|------|------|-----|------|-----|
| 1.2 | 1.2 | 1.5  | 1.6  | 2.3 | 1.9  | 1.7 |
| 0.0 | 0.1 | 0.4  | 0.2  | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.0  | 0.5  | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.2 | 0.0  | 0.0  | 0.0 | 0.1  | 0.0 |
| 2.6 | 3.0 | 2.2  | 2.2  | 1.1 | 3.8  | 4.4 |
| 0.2 | 0.2 | 0.5  | 0.4  | 0.2 | 0.2  | 0.0 |
| 2.9 | 4.5 | 3.7  | 4.2  | 4.6 | 4.4  | 2.0 |
| 6.4 | 5.9 | 6.7  | 7.2  | 8.2 | 7.5  | 6.3 |
| 0.0 | 0.1 | 0.0  | 0.3  | 0.1 | 0.0  | 0.0 |
| 0.1 | 0.8 | 1.4  | 0.5  | 0.3 | 0.2  | 0.0 |
| 2.1 | 2.0 | 1.6  | 2.6  | 3.1 | 2.3  | 0.1 |
| 1.3 | 2.5 | 3.5  | 3.8  | 2.4 | 3.6  | 1.1 |
| 1.2 | 1.5 | 0.9  | 1.2  | 1.0 | 1.4  | 0.3 |
| 0.4 | 0.6 | 0.9  | 1.1  | 0.4 | 1.1  | 0.0 |
| 2.7 | 5.3 | 12.2 | 14.0 | 5.4 | 13.0 | 2.9 |
| 3.4 | 4.9 | 4.4  | 5.3  | 5.6 | 5.7  | 5.6 |
| 0.8 | 0.7 | 0.9  | 0.2  | 0.5 | 1.5  | 0.7 |
| 0.2 | 0.1 | 0.7  | 0.9  | 0.0 | 0.9  | 0.0 |
| 2.9 | 4.4 | 6.4  | 7.0  | 4.1 | 5.8  | 2.4 |
| 0.0 | 0.0 | 0.0  | 0.4  | 0.0 | 0.0  | 0.0 |
| 0.2 | 0.5 | 0.5  | 0.6  | 0.2 | 0.3  | 0.9 |
| 0.0 | 0.0 | 0.0  | 0.1  | 0.0 | 0.1  | 0.0 |
| 0.1 | 0.0 | 0.9  | 0.2  | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.1 | 0.3  | 0.5  | 0.0 | 0.6  | 0.0 |
| 0.2 | 0.5 | 0.7  | 1.3  | 0.9 | 1.0  | 0.0 |
| 0.0 | 0.0 | 0.0  | 0.0  | 0.0 | 0.3  | 0.0 |
| 1.1 | 2.7 | 5.9  | 5.7  | 3.6 | 4.3  | 1.0 |
| 0.2 | 0.5 | 1.7  | 1.4  | 0.5 | 1.7  | 0.0 |
| 0.1 | 0.1 | 0.4  | 0.4  | 0.4 | 0.5  | 0.0 |
| 0.0 | 0.0 | 0.0  | 0.0  | 0.0 | 0.1  | 0.0 |
| 0.0 | 0.1 | 0.8  | 0.3  | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.1 | 0.0  | 0.0  | 0.0 | 0.1  | 0.0 |
| 3.1 | 2.2 | 2.7  | 3.0  | 2.3 | 2.7  | 7.7 |
| 0.1 | 0.0 | 0.1  | 0.1  | 0.1 | 0.4  | 0.0 |
| 1.2 | 1.7 | 2.4  | 3.0  | 1.5 | 3.3  | 1.2 |
| 1.1 | 0.8 | 2.0  | 0.8  | 1.7 | 0.7  | 0.0 |
| 0.2 | 0.4 | 1.3  | 1.4  | 0.4 | 0.6  | 0.2 |
| 0.0 | 0.0 | 0.2  | 0.1  | 0.1 | 0.0  | 0.3 |
| 1.4 | 1.4 | 1.7  | 1.3  | 2.4 | 1.4  | 0.0 |
| 0.0 | 0.0 | 0.5  | 0.2  | 0.0 | 0.0  | 0.0 |
| 0.2 | 0.0 | 0.8  | 1.4  | 0.1 | 0.1  | 0.5 |
| 5.4 | 3.7 | 6.4  | 7.5  | 6.7 | 5.2  | 7.3 |
| 0.0 | 0.0 | 0.1  | 0.2  | 0.1 | 0.0  | 0.0 |
| 1.0 | 0.7 | 1.3  | 1.1  | 0.6 | 1.4  | 0.0 |
| 0.0 | 0.0 | 0.0  | 0.1  | 0.0 | 0.0  | 0.0 |
| 2.3 | 1.8 | 3.6  | 3.1  | 3.5 | 2.5  | 2.0 |
| 1.7 | 1.4 | 1.2  | 1.3  | 2.3 | 1.9  | 1.8 |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 7.7  | 10.9 | 10.3 | 9.9  | 13.2 | 6.3  | 3.7  |
| 2.5  | 3.6  | 2.1  | 2.3  | 2.1  | 2.2  | 1.3  |
| 0.2  | 0.6  | 1.2  | 1.0  | 0.5  | 0.9  | 0.1  |
| 0.1  | 0.0  | 0.2  | 0.2  | 0.1  | 0.3  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.4  | 0.0  |
| 3.3  | 2.8  | 1.7  | 2.0  | 3.2  | 3.7  | 0.4  |
| 1.4  | 0.9  | 1.2  | 0.9  | 1.9  | 1.4  | 1.1  |
| 0.2  | 0.1  | 0.3  | 0.2  | 0.0  | 0.2  | 0.1  |
| 26.6 | 25.9 | 23.2 | 21.1 | 34.9 | 33.2 | 19.3 |
| 1.0  | 0.9  | 0.9  | 0.7  | 1.3  | 1.0  | 0.5  |
| 4.8  | 7.7  | 7.2  | 8.4  | 5.6  | 7.6  | 8.6  |
| 0.2  | 0.2  | 0.2  | 0.3  | 0.2  | 0.2  | 0.0  |
| 3.2  | 3.0  | 3.9  | 4.1  | 3.5  | 2.9  | 3.9  |
| 6.1  | 6.7  | 8.6  | 6.2  | 9.4  | 8.7  | 5.0  |
| 0.1  | 0.0  | 0.3  | 0.3  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.1  | 0.1  | 0.0  |
| 20.7 | 27.2 | 26.0 | 24.7 | 29.4 | 30.3 | 11.7 |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 49.3 | 61.2 | 60.1 | 66.5 | 65.0 | 67.4 | 72.6 |
| 2.1  | 2.3  | 1.4  | 1.6  | 3.8  | 2.8  | 0.2  |
| 0.1  | 0.2  | 0.2  | 0.4  | 0.2  | 0.7  | 0.1  |
| 6.7  | 7.8  | 8.3  | 7.6  | 7.0  | 7.8  | 7.4  |
| 3.2  | 3.4  | 6.5  | 6.4  | 5.5  | 6.5  | 4.6  |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.6  | 1.2  | 2.1  | 1.9  | 2.0  | 1.8  | 0.3  |
| 20.1 | 23.5 | 20.4 | 18.0 | 29.1 | 24.2 | 10.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 1.6  | 0.0  | 0.0  | 0.0  | 0.0  | 23.7 |
| 11.3 | 14.2 | 14.1 | 15.6 | 12.1 | 13.1 | 16.5 |
| 0.4  | 0.2  | 0.7  | 0.6  | 0.5  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.2  | 0.1  | 0.5  | 0.4  |
| 9.9  | 10.8 | 6.9  | 9.2  | 9.4  | 10.8 | 10.3 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.3  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.5  | 0.1  | 0.0  | 0.2  | 0.0  |
| 3.8  | 6.5  | 5.5  | 6.0  | 4.3  | 5.8  | 6.3  |
| 1.6  | 1.7  | 2.0  | 2.5  | 1.6  | 2.8  | 1.7  |
| 3.8  | 5.5  | 4.3  | 4.9  | 5.2  | 5.3  | 3.5  |
| 0.6  | 0.6  | 0.6  | 0.9  | 1.0  | 0.7  | 0.9  |
| 5.0  | 6.1  | 4.9  | 7.2  | 6.9  | 6.4  | 5.7  |
| 1.5  | 2.3  | 4.1  | 2.9  | 2.3  | 2.1  | 1.3  |
| 7.0  | 8.3  | 7.6  | 7.6  | 9.0  | 8.9  | 7.7  |
| 0.1  | 0.2  | 0.8  | 1.0  | 0.3  | 0.8  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.8  | 1.0  | 1.2  | 0.9  | 1.3  | 1.5  | 1.2  |
| 1.2  | 1.6  | 2.3  | 2.8  | 1.9  | 1.7  | 1.7  |
| 0.2  | 0.2  | 0.3  | 0.2  | 0.0  | 0.4  | 0.0  |
| 7.8  | 7.6  | 8.8  | 9.2  | 12.5 | 9.7  | 0.8  |
| 17.8 | 18.9 | 16.0 | 14.8 | 22.6 | 18.8 | 12.2 |
| 4.8  | 6.2  | 4.5  | 3.9  | 4.7  | 6.4  | 5.4  |
| 0.1  | 0.0  | 0.0  | 0.1  | 0.3  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 11.9 | 11.5 | 12.9 | 15.9 | 12.2 | 12.7 | 14.4 |
| 0.4  | 0.3  | 0.3  | 0.1  | 0.3  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 17.6 | 16.7 | 14.7 | 20.1 | 27.9 | 26.7 | 13.8 |
| 0.6  | 0.9  | 4.6  | 3.5  | 2.0  | 3.2  | 0.1  |
| 11.4 | 12.6 | 11.9 | 12.5 | 12.2 | 12.0 | 16.2 |
| 0.0  | 0.6  | 1.3  | 0.1  | 0.0  | 0.4  | 0.0  |
| 0.4  | 0.4  | 0.2  | 0.2  | 0.4  | 0.6  | 0.5  |
| 3.1  | 6.8  | 14.9 | 11.3 | 7.0  | 13.5 | 1.9  |
| 0.2  | 0.1  | 0.9  | 0.4  | 0.2  | 0.3  | 0.0  |
| 0.9  | 0.6  | 0.5  | 0.5  | 0.7  | 1.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.7  | 0.5  | 0.0  | 0.0  |
| 5.0  | 5.8  | 6.7  | 8.1  | 5.4  | 6.6  | 8.8  |
| 0.1  | 0.2  | 0.7  | 0.4  | 0.2  | 0.3  | 0.0  |
| 0.2  | 1.0  | 2.0  | 1.3  | 1.0  | 0.8  | 1.0  |
| 0.1  | 0.0  | 0.2  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.4  | 0.4  | 0.5  | 0.6  | 0.4  | 0.5  |
| 2.8  | 3.4  | 4.3  | 4.7  | 5.0  | 4.4  | 4.4  |
| 0.0  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 16.6 | 15.2 | 14.4 | 20.0 | 15.6 | 14.1 | 13.5 |
| 0.0  | 0.4  | 0.1  | 0.3  | 0.0  | 0.5  | 0.0  |
| 0.1  | 0.1  | 0.4  | 0.2  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  |
| 0.7  | 0.9  | 1.3  | 1.4  | 0.8  | 1.5  | 0.6  |
| 1.3  | 1.5  | 1.3  | 1.2  | 3.4  | 2.2  | 1.2  |
| 5.0  | 4.9  | 5.0  | 6.2  | 4.3  | 5.3  | 5.4  |
| 0.1  | 0.1  | 0.4  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.1  | 0.2  | 0.1  | 0.2  |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.2  | 0.0  |
| 0.8  | 1.1  | 1.7  | 1.5  | 1.3  | 1.7  | 0.9  |
| 0.2  | 0.3  | 0.6  | 0.3  | 0.3  | 0.2  | 0.0  |
| 0.5  | 0.0  | 1.4  | 0.5  | 1.1  | 1.8  | 2.9  |
| 0.1  | 0.1  | 0.4  | 0.5  | 0.3  | 0.2  | 0.0  |
| 3.4  | 4.9  | 5.5  | 5.4  | 4.4  | 4.9  | 2.7  |
| 0.0  | 0.0  | 0.3  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.0  | 0.0  | 0.0  |
| 12.9 | 14.2 | 16.3 | 16.1 | 16.3 | 14.9 | 13.9 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 1.3  | 0.0  | 0.0  | 3.0  | 2.3  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.9  | 0.0  | 0.0  | 0.0  | 1.5  | 4.7  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.3  | 0.6  | 0.3  | 0.3  | 0.1  | 0.5  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.4  | 0.0  | 0.0  | 0.2  |
| 0.0  | 0.0  | 0.0  | 1.5  | 0.0  | 0.0  | 0.0  |
| 1.8  | 3.4  | 2.7  | 3.6  | 4.8  | 2.9  | 0.7  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 1.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 7.6  | 12.3 | 10.7 | 10.3 | 8.8  | 10.7 | 11.6 |
| 1.6  | 0.0  | 0.0  | 4.2  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 15.1 | 24.1 | 17.7 | 17.4 | 27.3 | 19.7 | 7.8  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.8  | 1.5  | 2.2  | 1.3  | 1.9  | 1.7  | 0.7  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

|     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|
| 0.7 | 1.0 | 0.9 | 0.9 | 1.0 | 1.1 | 0.8 |
| 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.2 | 0.0 |
| 0.9 | 2.8 | 0.0 | 1.6 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5.0 | 0.0 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 2.4 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 2.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 1.9 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 6.6 | 7.4 | 3.7 | 3.3 | 6.0 | 6.9 | 5.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.4 | 0.2 | 0.3 | 0.2 | 0.3 | 0.1 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1.7 | 0.0 | 2.5 | 0.0 | 0.0 | 4.5 | 0.0 |
| 0.0 | 0.0 | 0.0 | 3.5 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 1.7 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 1.2 | 3.7 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

|     |     |     |     |     |     |      |
|-----|-----|-----|-----|-----|-----|------|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 1.7 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.8 | 0.0  |
| 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 10.4 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 1.5 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 9.3 | 1.3 | 1.6 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 1.9 | 5.9 | 0.0  |
| 0.0 | 0.0 | 0.0 | 2.9 | 0.0 | 0.0 | 0.0  |
| 0.0 | 2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 3.6 | 0.0 | 0.0 | 0.0 | 2.1 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |

|     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 1.3 | 1.3 | 0.0 | 0.0 | 2.3 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 1.5 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 1.3 | 0.0 | 1.5 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 1.4 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7.4 | 0.0 | 0.0 | 3.8 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1.4 | 1.1 | 3.3 | 1.3 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 1.6 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1.0 | 0.0 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.1 | 0.0 | 0.4 | 0.3 | 0.1 | 0.5 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1.4 | 0.0 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 5.0  | 5.0  | 2.5  | 1.5  | 2.9  | 4.5  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.6  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 7.2  | 8.9  | 5.5  | 8.7  | 7.8  | 13.9 | 11.3 |
| 1.2  | 1.6  | 2.0  | 2.7  | 2.5  | 0.7  | 0.0  |
| 2.9  | 1.9  | 1.4  | 3.0  | 3.5  | 4.5  | 2.8  |
| 4.6  | 5.0  | 4.2  | 4.0  | 5.5  | 6.2  | 5.2  |
| 4.7  | 5.4  | 6.4  | 8.6  | 6.3  | 6.4  | 4.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.1  | 0.0  |
| 45.6 | 43.0 | 44.5 | 42.7 | 53.1 | 49.7 | 60.0 |
| 9.7  | 17.8 | 15.7 | 14.2 | 15.3 | 15.6 | 11.5 |
| 0.5  | 1.4  | 1.8  | 1.9  | 1.9  | 2.5  | 0.9  |
| 9.2  | 8.3  | 10.1 | 12.6 | 11.1 | 10.2 | 16.8 |
| 0.1  | 0.0  | 0.7  | 0.6  | 0.0  | 0.2  | 0.0  |
| 3.5  | 7.1  | 6.1  | 5.4  | 7.4  | 8.3  | 2.8  |



|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 4.0   | 4.7   | 4.5   | 4.7   | 6.1   | 5.1   | 3.6   |
| 1.5   | 2.9   | 1.8   | 2.2   | 3.0   | 2.7   | 1.8   |
| 0.1   | 0.0   | 0.4   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.7   | 0.9   | 0.4   | 0.6   | 0.6   | 0.7   | 0.6   |
| 0.6   | 0.6   | 0.9   | 1.2   | 1.0   | 1.3   | 0.5   |
| 5.0   | 5.0   | 3.7   | 3.4   | 6.0   | 4.5   | 2.5   |
| 0.2   | 0.3   | 0.4   | 0.4   | 0.5   | 0.3   | 0.0   |
| 1.1   | 1.0   | 0.8   | 0.9   | 0.7   | 0.9   | 1.0   |
| 0.3   | 0.4   | 0.4   | 0.2   | 0.4   | 0.3   | 0.1   |
| 0.1   | 0.2   | 0.1   | 0.3   | 0.1   | 0.3   | 0.4   |
| 1.4   | 2.2   | 2.6   | 2.7   | 2.6   | 2.3   | 2.2   |
| 0.1   | 0.1   | 0.2   | 0.1   | 0.0   | 0.4   | 0.0   |
| 0.2   | 0.3   | 0.3   | 0.3   | 0.6   | 0.5   | 0.6   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.1   | 0.2   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.3   | 0.5   | 0.9   | 0.7   | 0.3   | 0.9   | 0.0   |
| 1.0   | 1.0   | 1.6   | 2.0   | 1.1   | 1.3   | 1.8   |
| 0.9   | 1.2   | 1.1   | 1.6   | 1.5   | 1.5   | 0.6   |
| 12.4  | 8.5   | 15.2  | 14.4  | 19.1  | 12.2  | 24.3  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 8.7   | 10.9  | 11.6  | 14.5  | 10.1  | 9.6   | 10.0  |
| 11.9  | 13.0  | 10.4  | 12.9  | 13.2  | 12.8  | 4.8   |
| 279.9 | 145.6 | 115.7 | 150.5 | 173.5 | 151.9 | 421.7 |
| 4.2   | 6.3   | 6.4   | 3.7   | 5.9   | 5.7   | 8.0   |
| 11.2  | 12.8  | 12.3  | 13.8  | 14.3  | 15.3  | 12.6  |
| 1.7   | 1.8   | 1.7   | 1.7   | 2.2   | 2.0   | 1.0   |
| 7.2   | 10.1  | 7.2   | 7.1   | 13.8  | 10.8  | 6.7   |
| 2.6   | 2.3   | 3.5   | 3.5   | 3.7   | 3.3   | 3.6   |
| 0.1   | 0.2   | 0.6   | 0.4   | 0.0   | 0.4   | 0.0   |
| 2.6   | 2.1   | 2.1   | 2.3   | 4.4   | 2.3   | 1.0   |
| 6.9   | 8.3   | 7.6   | 6.2   | 10.0  | 8.7   | 1.1   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.2   | 0.0   | 0.0   |
| 1.2   | 1.8   | 1.7   | 2.1   | 2.1   | 2.5   | 3.3   |
| 7.1   | 7.2   | 8.4   | 8.7   | 9.3   | 8.2   | 9.5   |
| 0.4   | 0.9   | 1.7   | 1.8   | 1.1   | 1.0   | 0.3   |
| 0.2   | 0.5   | 0.2   | 0.4   | 0.5   | 0.8   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.2   | 0.2   | 0.3   | 0.0   |
| 5.1   | 5.1   | 6.9   | 6.4   | 8.5   | 6.0   | 7.5   |
| 0.1   | 0.1   | 0.5   | 0.6   | 0.1   | 0.5   | 0.0   |
| 0.0   | 0.0   | 0.4   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.2   | 0.5   | 0.9   | 0.3   | 0.7   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.3   | 0.0   |
| 9.9   | 14.3  | 9.3   | 10.7  | 12.0  | 13.2  | 9.6   |
| 0.6   | 0.5   | 0.9   | 0.7   | 0.6   | 0.5   | 0.2   |
| 0.2   | 0.3   | 0.7   | 0.4   | 0.2   | 0.3   | 0.0   |
| 1.8   | 2.4   | 2.1   | 3.0   | 2.2   | 1.4   | 1.4   |
| 4.2   | 6.6   | 10.2  | 9.5   | 9.0   | 9.0   | 2.7   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.7  | 1.0  | 0.5  | 0.9  | 0.7  | 1.0  | 0.2  |
| 4.4  | 5.7  | 6.2  | 6.5  | 6.5  | 8.2  | 6.6  |
| 0.0  | 0.0  | 0.3  | 0.1  | 0.0  | 0.0  | 0.0  |
| 3.9  | 6.2  | 5.1  | 4.8  | 3.5  | 6.4  | 7.7  |
| 5.0  | 4.9  | 3.7  | 4.5  | 6.2  | 3.5  | 2.9  |
| 0.0  | 0.1  | 0.6  | 0.1  | 0.0  | 0.0  | 0.0  |
| 1.3  | 3.6  | 10.3 | 8.0  | 4.2  | 5.0  | 0.9  |
| 0.4  | 0.4  | 0.8  | 0.5  | 0.3  | 0.9  | 0.4  |
| 25.3 | 25.1 | 27.8 | 34.4 | 26.1 | 31.6 | 29.7 |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.1  | 0.1  | 0.0  |
| 2.6  | 2.8  | 2.5  | 2.5  | 3.3  | 2.4  | 1.0  |
| 4.1  | 4.0  | 3.8  | 3.7  | 4.6  | 3.5  | 1.4  |
| 0.5  | 0.6  | 0.9  | 1.0  | 1.0  | 0.8  | 0.5  |
| 1.7  | 2.1  | 2.1  | 2.0  | 1.9  | 2.2  | 2.4  |
| 1.3  | 1.3  | 1.4  | 1.3  | 1.8  | 2.1  | 0.3  |
| 2.6  | 3.4  | 3.4  | 3.4  | 4.1  | 2.7  | 2.3  |
| 0.5  | 0.3  | 2.7  | 0.8  | 0.7  | 0.8  | 0.0  |
| 7.6  | 10.0 | 11.4 | 12.2 | 10.2 | 13.0 | 6.0  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.4  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.2  | 0.2  | 0.2  | 0.4  | 0.2  | 0.2  | 0.0  |
| 2.4  | 1.8  | 3.1  | 3.5  | 2.5  | 2.5  | 4.7  |
| 2.6  | 4.3  | 4.7  | 5.3  | 4.5  | 5.5  | 2.0  |
| 25.8 | 19.6 | 19.7 | 24.0 | 27.6 | 33.3 | 26.9 |
| 3.6  | 4.9  | 4.4  | 4.8  | 5.5  | 5.4  | 3.4  |
| 16.4 | 3.1  | 2.4  | 6.1  | 5.0  | 11.7 | 26.3 |
| 1.3  | 2.2  | 1.5  | 1.1  | 1.5  | 1.8  | 0.3  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 1.8  | 2.6  | 3.4  | 2.3  | 2.8  | 3.3  | 0.9  |
| 0.8  | 1.1  | 1.5  | 1.1  | 2.0  | 0.9  | 1.2  |
| 0.7  | 0.6  | 0.7  | 0.4  | 0.7  | 0.5  | 1.0  |
| 7.6  | 8.0  | 7.2  | 8.6  | 7.5  | 8.2  | 13.7 |
| 1.8  | 3.3  | 6.9  | 4.5  | 3.5  | 5.6  | 1.4  |
| 4.1  | 4.4  | 4.7  | 4.2  | 4.9  | 5.9  | 5.2  |
| 7.2  | 7.7  | 7.5  | 8.7  | 7.3  | 8.7  | 14.0 |
| 6.4  | 11.8 | 6.2  | 8.1  | 9.9  | 7.8  | 2.9  |
| 0.1  | 0.1  | 0.3  | 0.3  | 0.2  | 0.3  | 0.0  |
| 3.4  | 6.7  | 5.3  | 6.3  | 7.9  | 4.2  | 3.4  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 5.6  | 8.7  | 8.3  | 8.2  | 7.6  | 8.7  | 3.6  |
| 4.6  | 7.1  | 8.2  | 8.0  | 6.8  | 7.5  | 2.6  |
| 11.7 | 16.2 | 15.0 | 15.6 | 13.2 | 16.3 | 22.3 |
| 37.5 | 40.9 | 33.0 | 30.3 | 42.5 | 38.8 | 14.8 |
| 10.6 | 11.5 | 9.5  | 9.3  | 11.6 | 15.3 | 9.1  |
| 3.1  | 3.5  | 3.9  | 4.0  | 4.7  | 3.7  | 4.9  |
| 1.3  | 1.5  | 2.4  | 2.6  | 2.3  | 2.1  | 1.2  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.7  | 3.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 4.1  | 0.0  | 0.0  | 1.5  | 1.4  | 0.0  | 0.0  |
| 0.8  | 6.3  | 6.3  | 5.9  | 4.3  | 0.0  | 0.0  |
| 1.0  | 1.0  | 0.8  | 1.0  | 1.4  | 1.5  | 0.5  |
| 0.9  | 2.8  | 4.0  | 3.7  | 1.2  | 4.2  | 1.2  |
| 0.6  | 0.6  | 1.1  | 0.8  | 0.6  | 0.8  | 0.6  |
| 0.9  | 1.2  | 2.4  | 1.7  | 1.9  | 2.8  | 1.0  |
| 2.5  | 4.3  | 3.8  | 3.5  | 3.7  | 3.8  | 2.9  |
| 8.7  | 13.2 | 17.1 | 16.3 | 12.9 | 11.6 | 7.1  |
| 0.0  | 0.3  | 0.3  | 0.6  | 0.0  | 0.4  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.4  | 0.1  | 0.0  | 0.0  |
| 29.4 | 33.0 | 40.9 | 43.8 | 38.7 | 40.4 | 47.6 |
| 0.1  | 0.1  | 0.2  | 0.1  | 0.0  | 0.1  | 0.0  |
| 4.9  | 8.2  | 6.9  | 7.1  | 8.4  | 8.8  | 1.7  |
| 11.4 | 22.3 | 14.6 | 14.7 | 17.3 | 18.4 | 14.6 |
| 0.1  | 0.1  | 0.1  | 0.3  | 0.3  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.2  | 0.1  | 0.1  |
| 3.6  | 4.4  | 5.7  | 6.3  | 6.2  | 3.9  | 4.2  |
| 29.9 | 33.2 | 43.0 | 38.6 | 37.2 | 41.1 | 40.6 |
| 10.8 | 30.3 | 18.2 | 17.4 | 13.8 | 28.0 | 19.7 |
| 1.0  | 1.6  | 2.7  | 2.3  | 1.8  | 2.7  | 0.7  |
| 0.3  | 0.2  | 0.8  | 0.5  | 0.6  | 0.7  | 0.1  |
| 0.0  | 0.0  | 0.3  | 0.2  | 0.0  | 0.2  | 0.0  |
| 5.9  | 4.7  | 3.2  | 3.1  | 4.6  | 5.4  | 5.3  |
| 0.0  | 0.2  | 0.3  | 0.1  | 0.3  | 0.2  | 0.3  |
| 0.1  | 0.2  | 0.2  | 0.1  | 0.2  | 0.1  | 0.0  |
| 4.4  | 4.8  | 3.2  | 6.7  | 4.7  | 5.8  | 5.3  |
| 1.9  | 4.5  | 7.0  | 15.4 | 2.9  | 11.2 | 0.8  |
| 0.1  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 2.6  | 3.9  | 5.9  | 5.3  | 4.5  | 5.6  | 1.8  |
| 0.8  | 1.3  | 2.1  | 2.8  | 0.9  | 1.8  | 0.4  |
| 0.2  | 0.0  | 0.3  | 0.3  | 0.1  | 0.3  | 0.0  |
| 0.4  | 0.3  | 0.5  | 0.4  | 0.1  | 0.1  | 0.8  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.4  | 0.2  | 0.2  | 0.4  | 0.0  |
| 1.5  | 1.2  | 1.0  | 1.1  | 2.2  | 1.6  | 0.5  |
| 0.9  | 0.7  | 1.6  | 1.5  | 1.2  | 1.4  | 1.4  |
| 0.2  | 0.2  | 0.1  | 0.2  | 0.0  | 0.2  | 0.0  |
| 0.1  | 0.7  | 0.9  | 0.8  | 0.0  | 0.5  | 0.0  |
| 2.6  | 4.0  | 4.3  | 4.7  | 5.4  | 3.6  | 2.7  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.6  | 0.2  | 0.4  | 0.1  | 0.0  |
| 1.8  | 2.4  | 3.0  | 3.1  | 2.4  | 2.4  | 2.0  |
| 1.4  | 1.7  | 1.5  | 1.6  | 2.1  | 2.1  | 0.9  |
| 0.3  | 0.5  | 0.5  | 0.6  | 0.6  | 0.4  | 0.7  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.5  | 0.5  | 0.5  | 0.7  | 0.6  | 0.4  | 0.0  |
| 0.0  | 0.2  | 0.5  | 0.3  | 0.0  | 0.3  | 0.0  |
| 3.3  | 4.2  | 3.6  | 2.4  | 3.5  | 3.8  | 3.3  |
| 0.3  | 0.3  | 0.6  | 0.5  | 0.5  | 0.3  | 0.4  |
| 0.1  | 0.2  | 0.6  | 0.3  | 0.0  | 0.4  | 0.0  |
| 0.4  | 0.2  | 0.0  | 0.8  | 0.0  | 0.0  | 0.0  |
| 2.5  | 3.3  | 4.5  | 3.1  | 3.3  | 4.0  | 3.5  |
| 0.8  | 0.9  | 2.1  | 1.3  | 0.8  | 1.2  | 2.5  |
| 1.6  | 1.3  | 3.0  | 1.7  | 3.4  | 1.8  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.2  | 0.0  |
| 0.8  | 1.6  | 1.9  | 1.5  | 4.1  | 2.4  | 1.9  |
| 1.3  | 1.8  | 2.1  | 1.7  | 1.4  | 1.3  | 1.7  |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.2  | 0.0  |
| 6.3  | 15.6 | 29.7 | 27.4 | 15.4 | 32.4 | 9.3  |
| 1.7  | 1.2  | 1.9  | 3.5  | 3.1  | 2.3  | 0.1  |
| 15.7 | 14.5 | 14.6 | 3.4  | 12.1 | 15.4 | 10.6 |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.2  | 0.1  | 0.0  |
| 1.0  | 2.3  | 4.3  | 4.9  | 2.2  | 5.4  | 0.6  |
| 21.2 | 23.9 | 26.6 | 26.5 | 23.5 | 20.9 | 23.1 |
| 1.9  | 2.6  | 2.7  | 4.1  | 3.7  | 5.1  | 2.5  |
| 0.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.7  | 1.0  | 1.4  | 1.4  | 1.1  | 1.1  | 1.2  |
| 0.2  | 0.4  | 0.4  | 0.3  | 0.3  | 0.3  | 0.5  |
| 11.4 | 20.7 | 24.6 | 22.6 | 16.7 | 22.7 | 18.6 |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.0  | 0.2  | 0.0  |
| 23.5 | 21.4 | 28.6 | 37.3 | 26.1 | 28.8 | 35.8 |
| 4.7  | 4.2  | 4.9  | 5.9  | 4.9  | 5.5  | 6.6  |
| 2.0  | 2.7  | 3.6  | 4.5  | 3.6  | 3.1  | 2.6  |
| 0.1  | 0.1  | 0.3  | 0.1  | 0.2  | 0.2  | 0.0  |
| 3.8  | 6.2  | 6.4  | 7.4  | 6.1  | 6.5  | 5.8  |
| 4.8  | 4.1  | 2.4  | 6.1  | 4.3  | 2.9  | 6.2  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.4  | 0.2  | 0.2  | 0.2  | 0.1  |
| 0.4  | 0.6  | 0.4  | 0.6  | 0.4  | 1.1  | 1.1  |
| 0.1  | 0.2  | 0.3  | 0.2  | 0.2  | 0.3  | 0.0  |
| 4.8  | 4.9  | 4.7  | 5.1  | 7.2  | 5.5  | 5.1  |
| 1.8  | 1.8  | 2.6  | 2.7  | 3.1  | 2.4  | 3.3  |
| 1.4  | 1.1  | 1.4  | 1.2  | 2.2  | 1.9  | 0.4  |
| 0.3  | 0.4  | 0.5  | 0.6  | 0.8  | 0.6  | 0.0  |
| 0.3  | 0.6  | 0.6  | 0.8  | 0.6  | 0.5  | 0.2  |
| 14.3 | 17.0 | 19.1 | 22.5 | 20.2 | 21.1 | 29.0 |
| 0.2  | 0.0  | 0.4  | 0.6  | 0.0  | 0.3  | 0.2  |
| 0.1  | 0.0  | 0.8  | 0.6  | 0.0  | 0.0  | 0.0  |
| 6.0  | 7.1  | 5.5  | 5.8  | 8.6  | 8.0  | 3.1  |
| 7.1  | 13.2 | 15.5 | 14.0 | 14.1 | 17.7 | 5.4  |
| 0.7  | 0.8  | 0.7  | 0.6  | 1.3  | 1.0  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 4.4  | 4.7  | 5.9  | 5.9  | 5.3  | 6.3  | 1.4  |
| 1.2  | 1.1  | 1.6  | 1.5  | 1.5  | 1.5  | 2.3  |
| 0.3  | 0.1  | 0.6  | 0.4  | 0.3  | 0.8  | 0.8  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2.6  | 2.0  | 2.7  | 2.5  | 3.9  | 2.3  | 3.2  |
| 0.0  | 0.2  | 0.0  | 0.5  | 0.6  | 0.1  | 0.0  |
| 0.1  | 0.0  | 0.5  | 0.3  | 0.2  | 0.3  | 0.0  |
| 1.5  | 4.0  | 4.9  | 5.1  | 4.0  | 5.0  | 2.3  |
| 2.1  | 2.4  | 2.9  | 2.7  | 3.8  | 1.5  | 1.2  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2.5  | 3.6  | 4.9  | 5.0  | 4.0  | 4.6  | 3.4  |
| 1.9  | 2.5  | 2.0  | 2.2  | 3.1  | 3.3  | 1.5  |
| 0.6  | 0.7  | 1.5  | 1.7  | 1.1  | 1.0  | 1.6  |
| 0.9  | 1.2  | 2.7  | 3.3  | 1.3  | 1.8  | 1.7  |
| 3.5  | 3.4  | 3.3  | 3.6  | 6.0  | 4.4  | 3.9  |
| 1.6  | 2.5  | 2.8  | 2.6  | 2.5  | 2.3  | 2.4  |
| 0.2  | 0.1  | 0.7  | 0.9  | 0.5  | 0.0  | 0.0  |
| 0.3  | 0.4  | 0.8  | 0.8  | 0.4  | 0.6  | 0.2  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 13.3 | 14.2 | 17.1 | 20.3 | 19.5 | 14.4 | 5.5  |
| 0.1  | 0.0  | 0.4  | 0.4  | 0.0  | 0.2  | 0.0  |
| 4.7  | 6.1  | 7.4  | 7.1  | 5.4  | 6.6  | 6.3  |
| 1.0  | 1.0  | 1.8  | 1.2  | 2.4  | 2.3  | 2.0  |
| 6.8  | 8.1  | 6.4  | 7.1  | 7.5  | 8.7  | 5.6  |
| 6.5  | 4.0  | 7.8  | 9.5  | 8.1  | 7.0  | 14.1 |
| 5.4  | 9.1  | 7.5  | 7.9  | 5.9  | 7.7  | 5.3  |
| 4.5  | 5.7  | 4.5  | 4.9  | 3.6  | 6.2  | 3.0  |
| 0.0  | 0.1  | 0.6  | 0.8  | 0.4  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.9  | 0.2  | 0.2  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.7  | 0.4  | 0.0  | 0.5  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.8  | 0.9  | 0.0  | 0.7  | 0.0  |
| 0.0  | 0.4  | 0.7  | 0.4  | 0.0  | 0.0  | 0.0  |
| 27.7 | 33.1 | 37.3 | 29.2 | 28.9 | 35.8 | 40.8 |
| 24.4 | 27.8 | 26.2 | 27.5 | 35.1 | 27.1 | 18.5 |
| 11.4 | 11.2 | 10.9 | 12.0 | 17.3 | 12.3 | 21.0 |
| 0.1  | 0.2  | 0.8  | 0.3  | 0.4  | 0.6  | 0.1  |
| 0.3  | 0.8  | 1.4  | 1.1  | 0.4  | 0.3  | 0.0  |
| 0.4  | 0.3  | 0.5  | 0.6  | 0.4  | 0.6  | 0.6  |
| 0.1  | 0.4  | 0.4  | 0.6  | 0.2  | 0.6  | 0.0  |
| 0.2  | 0.0  | 0.4  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.7  | 0.8  | 1.0  | 0.8  | 1.1  | 1.0  | 2.6  |
| 5.9  | 8.1  | 4.8  | 6.1  | 10.1 | 5.7  | 2.4  |
| 0.2  | 0.2  | 0.4  | 0.2  | 0.4  | 0.2  | 0.2  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.2  | 0.0  | 0.0  |
| 0.1  | 0.3  | 0.5  | 0.8  | 0.4  | 1.0  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.2  | 0.4  | 0.2  | 0.6  | 0.5  | 0.5  | 0.0  |
| 6.1  | 7.0  | 7.8  | 8.4  | 9.0  | 9.8  | 5.7  |
| 4.3  | 5.7  | 7.8  | 8.8  | 5.3  | 6.8  | 5.7  |
| 0.2  | 0.3  | 0.6  | 0.6  | 0.2  | 0.8  | 0.0  |
| 0.3  | 0.6  | 1.0  | 1.1  | 0.6  | 0.6  | 0.6  |
| 4.5  | 8.1  | 7.1  | 6.0  | 8.7  | 8.0  | 7.3  |
| 7.9  | 6.8  | 9.3  | 7.9  | 7.8  | 8.7  | 5.6  |
| 2.5  | 3.1  | 2.5  | 2.6  | 3.4  | 4.1  | 2.2  |
| 23.4 | 26.3 | 21.2 | 22.8 | 29.1 | 29.0 | 13.5 |
| 2.5  | 2.5  | 2.9  | 3.7  | 3.8  | 3.3  | 3.6  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.2  | 0.2  | 0.2  | 0.0  |
| 3.1  | 3.2  | 2.4  | 2.5  | 3.4  | 3.5  | 1.6  |
| 19.4 | 21.4 | 22.1 | 19.9 | 35.5 | 31.0 | 13.8 |
| 3.9  | 4.4  | 4.4  | 6.0  | 5.0  | 4.3  | 4.7  |
| 0.0  | 0.1  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 8.0  | 10.1 | 8.6  | 8.3  | 9.5  | 7.4  | 6.0  |
| 1.1  | 0.6  | 1.6  | 1.0  | 0.8  | 2.1  | 0.0  |
| 2.5  | 3.4  | 2.6  | 3.1  | 4.2  | 4.5  | 2.1  |
| 0.1  | 0.2  | 0.5  | 0.4  | 0.2  | 0.4  | 0.0  |
| 10.0 | 10.1 | 9.6  | 11.8 | 12.7 | 9.9  | 10.8 |
| 0.6  | 1.6  | 1.0  | 1.9  | 1.7  | 0.6  | 0.0  |
| 0.2  | 0.5  | 0.4  | 0.5  | 0.7  | 0.4  | 0.6  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.2  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.1  | 0.1  | 0.2  | 0.0  |
| 0.5  | 0.3  | 0.2  | 0.4  | 0.6  | 0.4  | 0.0  |
| 1.9  | 3.0  | 4.5  | 7.0  | 3.0  | 4.4  | 2.2  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.6  | 1.6  | 0.6  | 0.7  | 1.0  | 0.8  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 5.9  | 8.2  | 9.9  | 13.2 | 9.4  | 8.7  | 12.9 |
| 0.3  | 0.3  | 0.7  | 0.5  | 0.4  | 0.6  | 0.0  |
| 4.1  | 7.0  | 13.8 | 10.2 | 8.2  | 8.1  | 3.2  |
| 0.2  | 0.2  | 0.5  | 1.4  | 0.4  | 0.3  | 0.0  |
| 18.6 | 23.1 | 17.7 | 17.5 | 25.1 | 21.6 | 10.3 |
| 7.6  | 13.6 | 9.7  | 9.7  | 11.4 | 14.2 | 7.7  |
| 0.0  | 0.2  | 0.3  | 0.2  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.2  | 1.3  | 0.8  | 0.9  | 0.4  | 0.0  |
| 1.5  | 2.9  | 1.3  | 1.2  | 2.8  | 3.5  | 5.1  |
| 3.2  | 3.3  | 2.2  | 4.5  | 4.6  | 2.9  | 1.1  |
| 0.1  | 0.0  | 0.6  | 0.6  | 0.0  | 0.2  | 0.0  |
| 0.4  | 0.2  | 0.6  | 0.8  | 0.7  | 1.3  | 0.3  |
| 0.0  | 0.2  | 0.0  | 0.0  | 0.0  | 0.3  | 0.0  |
| 43.6 | 64.7 | 59.7 | 60.0 | 56.4 | 51.2 | 49.9 |
| 8.1  | 9.6  | 10.2 | 10.9 | 9.2  | 11.3 | 11.7 |
| 13.7 | 22.5 | 22.9 | 23.4 | 21.5 | 18.8 | 17.7 |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 24.5  | 34.9  | 35.4  | 38.9  | 31.6  | 30.0  | 43.9  |
| 0.1   | 0.1   | 0.4   | 0.2   | 0.2   | 0.3   | 0.0   |
| 0.2   | 0.2   | 0.3   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.3   | 0.2   | 0.0   | 0.2   | 0.1   | 0.9   | 0.0   |
| 0.4   | 0.4   | 0.2   | 0.4   | 1.0   | 0.7   | 0.0   |
| 16.0  | 20.8  | 18.9  | 25.7  | 21.6  | 12.2  | 11.5  |
| 1.7   | 1.5   | 1.5   | 1.9   | 1.7   | 1.7   | 3.4   |
| 0.1   | 0.2   | 0.3   | 0.1   | 0.1   | 0.3   | 0.0   |
| 0.1   | 0.5   | 1.2   | 0.7   | 0.2   | 0.3   | 0.0   |
| 0.4   | 0.4   | 0.5   | 0.5   | 0.8   | 0.3   | 0.0   |
| 6.7   | 8.1   | 8.1   | 8.5   | 8.1   | 10.9  | 7.2   |
| 36.6  | 49.4  | 43.4  | 38.4  | 51.6  | 19.7  | 7.3   |
| 369.6 | 348.1 | 241.8 | 307.6 | 305.9 | 352.7 | 296.7 |
| 7.2   | 8.4   | 11.4  | 9.8   | 9.3   | 7.3   | 13.3  |
| 0.0   | 0.0   | 0.3   | 0.2   | 0.0   | 0.2   | 0.0   |
| 2.7   | 6.0   | 6.8   | 6.6   | 5.3   | 6.9   | 2.8   |
| 9.7   | 11.7  | 8.7   | 8.9   | 12.2  | 13.9  | 7.7   |
| 0.1   | 0.2   | 0.5   | 0.1   | 0.1   | 0.2   | 0.0   |
| 3.4   | 3.2   | 3.1   | 2.9   | 3.9   | 3.1   | 1.3   |
| 0.2   | 0.0   | 0.3   | 0.0   | 0.0   | 0.0   | 0.0   |
| 9.2   | 9.9   | 9.3   | 11.8  | 9.0   | 11.4  | 11.7  |
| 0.4   | 0.8   | 1.5   | 0.9   | 0.5   | 0.7   | 1.6   |
| 21.9  | 20.6  | 18.4  | 12.9  | 28.9  | 24.5  | 5.5   |
| 0.4   | 0.3   | 1.8   | 1.4   | 0.8   | 1.5   | 0.0   |
| 0.2   | 0.3   | 0.7   | 0.7   | 0.5   | 0.5   | 0.4   |
| 0.0   | 0.0   | 0.2   | 0.0   | 0.1   | 0.2   | 0.5   |
| 0.0   | 0.0   | 0.3   | 0.1   | 0.0   | 0.0   | 0.0   |
| 15.8  | 20.1  | 14.9  | 16.2  | 16.5  | 22.4  | 18.3  |
| 1.1   | 0.6   | 1.5   | 2.0   | 0.7   | 0.4   | 2.0   |
| 1.5   | 1.8   | 2.1   | 1.9   | 2.0   | 2.1   | 1.5   |
| 0.0   | 0.0   | 0.0   | 0.2   | 0.0   | 0.6   | 0.0   |
| 0.0   | 0.1   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.7   | 0.7   | 0.9   | 1.2   | 1.5   | 1.9   | 1.6   |
| 0.1   | 0.1   | 0.3   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.2   | 0.5   | 0.1   | 0.3   | 0.0   | 0.0   |
| 0.3   | 0.5   | 0.5   | 0.1   | 0.2   | 0.8   | 0.0   |
| 0.6   | 0.8   | 1.0   | 1.2   | 0.8   | 1.1   | 0.8   |
| 0.0   | 0.0   | 0.3   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 8.0   | 10.9  | 13.4  | 12.9  | 12.5  | 8.9   | 17.8  |
| 1.2   | 1.0   | 2.1   | 2.4   | 1.0   | 2.6   | 0.4   |
| 7.2   | 9.0   | 7.6   | 7.8   | 5.8   | 8.6   | 7.6   |
| 0.5   | 0.4   | 0.6   | 0.4   | 0.2   | 0.6   | 0.2   |
| 0.0   | 0.1   | 0.1   | 0.5   | 0.0   | 0.4   | 0.0   |
| 0.0   | 0.1   | 0.3   | 0.2   | 0.0   | 0.1   | 0.0   |
| 1.1   | 3.5   | 4.4   | 3.1   | 2.1   | 4.2   | 0.0   |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 165.9 | 187.8 | 144.7 | 176.4 | 133.6 | 157.4 | 265.1 |
| 5.2   | 8.1   | 5.4   | 7.3   | 7.9   | 9.0   | 8.4   |
| 0.0   | 0.0   | 0.0   | 0.3   | 0.1   | 0.0   | 0.0   |
| 0.7   | 0.6   | 1.3   | 1.4   | 1.8   | 0.6   | 0.7   |
| 0.2   | 0.4   | 1.3   | 1.2   | 0.7   | 0.2   | 0.0   |
| 0.9   | 2.7   | 4.4   | 4.4   | 1.5   | 4.1   | 0.3   |
| 35.5  | 39.3  | 45.3  | 51.8  | 47.9  | 49.5  | 63.1  |
| 137.8 | 117.4 | 100.6 | 105.2 | 140.7 | 149.7 | 64.9  |
| 7.9   | 9.3   | 6.6   | 7.9   | 14.0  | 11.6  | 4.7   |
| 3.9   | 4.3   | 5.9   | 5.6   | 5.3   | 5.6   | 5.0   |
| 0.6   | 0.9   | 1.6   | 1.5   | 1.2   | 2.4   | 0.6   |
| 0.2   | 0.2   | 0.2   | 0.2   | 0.3   | 0.5   | 0.0   |
| 2.4   | 2.7   | 2.7   | 2.2   | 4.1   | 3.0   | 0.2   |
| 0.0   | 0.0   | 0.0   | 0.4   | 0.0   | 0.1   | 0.0   |
| 1.6   | 1.4   | 0.7   | 1.1   | 1.1   | 1.7   | 0.4   |
| 0.8   | 0.8   | 0.6   | 0.8   | 1.3   | 0.7   | 0.2   |
| 12.1  | 18.5  | 16.6  | 18.3  | 16.2  | 23.7  | 16.5  |
| 0.1   | 0.0   | 0.4   | 0.4   | 0.1   | 0.1   | 0.0   |
| 9.3   | 10.3  | 10.7  | 11.1  | 12.4  | 11.9  | 9.1   |
| 0.0   | 0.0   | 0.3   | 0.2   | 0.0   | 0.9   | 0.0   |
| 53.6  | 55.3  | 48.1  | 50.0  | 79.0  | 65.4  | 14.9  |
| 17.2  | 18.1  | 20.1  | 22.8  | 18.6  | 20.1  | 22.6  |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.2   | 0.0   |
| 0.1   | 0.1   | 0.4   | 0.2   | 0.2   | 0.3   | 0.0   |
| 2.6   | 2.9   | 4.3   | 4.0   | 2.9   | 3.5   | 4.0   |
| 5.7   | 7.3   | 5.5   | 6.1   | 7.7   | 7.3   | 5.2   |
| 17.9  | 30.0  | 29.9  | 37.3  | 30.3  | 27.8  | 31.9  |
| 0.4   | 0.0   | 0.9   | 0.5   | 0.3   | 0.6   | 0.0   |
| 7.6   | 5.1   | 9.1   | 7.8   | 10.0  | 8.5   | 3.7   |
| 0.1   | 0.2   | 0.2   | 0.3   | 0.1   | 0.1   | 0.1   |
| 0.0   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   | 0.0   |
| 0.1   | 0.0   | 0.2   | 0.0   | 0.1   | 0.6   | 0.0   |
| 20.2  | 24.8  | 27.0  | 29.7  | 24.0  | 22.2  | 30.3  |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.3   | 0.0   |
| 15.8  | 16.5  | 22.5  | 20.8  | 19.0  | 12.4  | 18.0  |
| 0.8   | 0.9   | 1.5   | 1.2   | 0.8   | 1.6   | 0.3   |
| 0.1   | 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   |
| 1.2   | 1.3   | 1.2   | 1.1   | 2.2   | 1.5   | 0.0   |
| 4.4   | 4.7   | 3.1   | 3.5   | 6.4   | 3.3   | 5.4   |
| 2.1   | 3.6   | 4.1   | 4.0   | 3.2   | 3.6   | 3.3   |
| 135.5 | 178.7 | 124.7 | 132.6 | 154.8 | 194.6 | 126.9 |
| 0.1   | 0.1   | 0.2   | 0.1   | 0.1   | 0.2   | 0.0   |
| 2.9   | 2.7   | 2.6   | 3.6   | 2.9   | 3.8   | 1.8   |
| 1.7   | 1.5   | 0.9   | 1.4   | 2.1   | 1.9   | 1.0   |
| 0.9   | 0.9   | 2.0   | 2.1   | 1.8   | 1.9   | 2.1   |
| 2.0   | 2.3   | 2.4   | 2.5   | 2.9   | 2.9   | 2.0   |
| 0.1   | 0.4   | 1.1   | 0.7   | 0.2   | 0.5   | 0.2   |



|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 2.2   | 2.6   | 3.4   | 2.7   | 2.0   | 3.2   | 3.5   |
| 0.2   | 0.6   | 1.0   | 0.9   | 0.5   | 0.8   | 0.1   |
| 1.8   | 1.8   | 1.5   | 1.4   | 2.2   | 2.3   | 0.8   |
| 0.4   | 0.4   | 0.5   | 0.4   | 0.5   | 0.6   | 0.0   |
| 0.0   | 0.1   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.5   | 0.5   | 1.0   | 1.1   | 0.7   | 0.4   | 1.0   |
| 0.1   | 0.0   | 0.9   | 0.3   | 0.4   | 1.2   | 0.7   |
| 11.4  | 19.4  | 20.6  | 20.0  | 16.0  | 16.1  | 25.6  |
| 23.6  | 27.9  | 18.9  | 21.2  | 29.6  | 24.5  | 28.2  |
| 19.2  | 12.3  | 13.9  | 18.8  | 17.8  | 16.8  | 26.3  |
| 0.4   | 0.3   | 0.2   | 0.3   | 0.4   | 0.4   | 0.0   |
| 21.8  | 28.5  | 18.7  | 17.4  | 25.1  | 25.8  | 14.9  |
| 1.5   | 1.7   | 1.4   | 1.6   | 3.0   | 1.3   | 1.1   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.0   | 0.6   | 0.0   |
| 163.5 | 191.2 | 190.8 | 229.6 | 171.6 | 184.6 | 289.8 |
| 0.1   | 0.1   | 0.3   | 0.6   | 0.1   | 0.0   | 0.0   |
| 0.2   | 0.2   | 0.1   | 0.1   | 0.4   | 0.2   | 0.2   |
| 2.3   | 3.5   | 3.1   | 2.6   | 2.1   | 3.0   | 2.5   |
| 0.0   | 0.1   | 0.1   | 0.1   | 0.0   | 0.2   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.1   | 0.1   | 0.0   |
| 4.8   | 4.3   | 3.7   | 4.9   | 6.9   | 4.6   | 8.9   |
| 2.4   | 3.3   | 3.0   | 3.4   | 2.3   | 3.9   | 3.1   |
| 0.9   | 1.2   | 0.8   | 1.2   | 1.1   | 1.8   | 1.0   |
| 1.0   | 1.3   | 0.9   | 1.1   | 2.1   | 1.0   | 0.3   |
| 0.0   | 0.0   | 0.6   | 0.0   | 0.0   | 0.0   | 0.0   |
| 3.7   | 4.1   | 4.9   | 5.0   | 4.9   | 3.8   | 3.1   |
| 0.1   | 0.1   | 1.1   | 0.7   | 0.5   | 1.4   | 0.0   |
| 4.5   | 5.6   | 5.7   | 4.6   | 5.7   | 5.4   | 4.7   |
| 0.0   | 0.0   | 0.6   | 0.0   | 0.0   | 0.2   | 0.0   |
| 0.1   | 0.1   | 0.2   | 0.3   | 0.1   | 0.3   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   | 2.3   |
| 1.4   | 2.0   | 3.7   | 2.3   | 2.5   | 2.9   | 0.0   |
| 0.0   | 0.0   | 0.3   | 0.4   | 0.1   | 0.1   | 0.0   |
| 2.6   | 3.1   | 2.5   | 4.8   | 3.3   | 2.8   | 0.0   |
| 24.9  | 27.5  | 29.7  | 34.9  | 34.8  | 37.2  | 53.9  |
| 0.5   | 0.0   | 0.0   | 0.0   | 0.0   | 1.7   | 0.0   |
| 9.0   | 14.0  | 9.7   | 10.2  | 13.2  | 11.1  | 8.7   |
| 0.0   | 0.1   | 0.2   | 0.3   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.4   | 0.3   | 0.4   | 0.0   |
| 0.1   | 0.1   | 1.2   | 0.8   | 0.0   | 0.7   | 0.0   |
| 0.6   | 2.1   | 4.5   | 4.0   | 2.2   | 3.2   | 0.3   |
| 7.5   | 9.8   | 9.1   | 9.0   | 10.6  | 9.1   | 5.5   |
| 1.5   | 0.9   | 0.8   | 1.9   | 0.7   | 0.4   | 0.9   |
| 0.0   | 0.1   | 0.2   | 0.3   | 0.0   | 0.0   | 0.0   |
| 6.1   | 6.8   | 6.4   | 5.7   | 10.1  | 10.9  | 5.7   |
| 0.7   | 0.6   | 1.0   | 0.8   | 0.8   | 1.0   | 1.1   |
| 5.4   | 6.4   | 5.0   | 5.4   | 6.2   | 6.0   | 4.9   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 5.1  | 8.9  | 11.2 | 10.9 | 7.8  | 10.3 | 5.5  |
| 2.2  | 2.7  | 3.1  | 4.9  | 2.6  | 1.9  | 2.9  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2.3  | 2.4  | 1.6  | 1.9  | 3.0  | 2.9  | 2.2  |
| 0.0  | 0.2  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.6  | 1.6  | 3.1  | 2.3  | 1.0  | 2.6  | 0.2  |
| 3.2  | 4.0  | 3.5  | 3.6  | 3.4  | 3.9  | 3.9  |
| 1.1  | 0.7  | 1.2  | 1.2  | 1.5  | 1.2  | 0.7  |
| 1.8  | 2.9  | 3.8  | 3.9  | 2.9  | 3.7  | 3.1  |
| 5.4  | 5.8  | 4.9  | 5.4  | 7.8  | 7.9  | 2.2  |
| 0.1  | 0.1  | 0.2  | 0.5  | 0.0  | 0.3  | 0.0  |
| 61.6 | 59.7 | 61.6 | 62.8 | 73.9 | 65.5 | 45.2 |
| 6.2  | 9.4  | 8.1  | 4.9  | 7.4  | 9.2  | 8.2  |
| 0.1  | 0.1  | 0.3  | 0.3  | 0.0  | 0.4  | 0.0  |
| 0.4  | 0.7  | 1.1  | 1.8  | 0.7  | 1.5  | 0.3  |
| 0.7  | 1.4  | 4.0  | 2.9  | 1.1  | 3.2  | 0.1  |
| 1.2  | 1.8  | 1.6  | 1.8  | 2.2  | 1.8  | 0.6  |
| 14.1 | 13.5 | 5.0  | 5.8  | 14.4 | 15.4 | 10.4 |
| 0.2  | 0.0  | 0.2  | 0.0  | 0.0  | 0.2  | 0.0  |
| 6.6  | 9.5  | 13.5 | 14.4 | 9.2  | 11.1 | 13.9 |
| 4.3  | 5.5  | 4.9  | 4.5  | 4.3  | 5.5  | 6.0  |
| 3.0  | 3.7  | 6.7  | 6.7  | 4.2  | 4.9  | 5.5  |
| 0.0  | 0.1  | 1.0  | 0.5  | 0.0  | 0.4  | 0.0  |
| 0.1  | 0.2  | 0.3  | 0.3  | 0.1  | 0.3  | 0.1  |
| 1.5  | 1.7  | 3.0  | 2.4  | 3.8  | 1.8  | 0.3  |
| 9.2  | 8.6  | 9.3  | 10.0 | 9.6  | 12.5 | 14.9 |
| 2.9  | 4.4  | 3.3  | 3.6  | 4.9  | 5.0  | 1.4  |
| 40.5 | 36.7 | 32.8 | 31.3 | 36.9 | 35.9 | 30.6 |
| 2.2  | 2.7  | 2.6  | 2.8  | 3.8  | 3.5  | 2.8  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.6  | 0.9  | 0.8  | 0.7  | 1.3  | 0.8  | 0.3  |
| 0.5  | 0.6  | 0.6  | 0.3  | 0.8  | 0.8  | 0.1  |
| 0.3  | 0.4  | 1.6  | 1.0  | 0.5  | 0.4  | 0.0  |
| 0.9  | 1.5  | 1.2  | 1.8  | 1.1  | 2.1  | 2.0  |
| 1.3  | 2.2  | 2.0  | 2.4  | 2.3  | 3.0  | 2.3  |
| 0.6  | 1.0  | 1.4  | 1.8  | 1.1  | 1.1  | 0.5  |
| 0.2  | 0.2  | 0.5  | 0.4  | 0.4  | 0.5  | 0.6  |
| 8.3  | 8.8  | 9.2  | 10.8 | 7.0  | 10.0 | 9.0  |
| 0.0  | 0.2  | 0.2  | 0.4  | 0.1  | 0.2  | 0.0  |
| 1.4  | 1.4  | 1.6  | 1.5  | 1.5  | 2.3  | 2.1  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  |
| 2.4  | 2.9  | 3.3  | 3.8  | 3.2  | 3.5  | 2.5  |
| 0.1  | 0.0  | 0.7  | 0.1  | 0.0  | 0.3  | 0.0  |
| 1.3  | 1.2  | 1.7  | 1.6  | 1.7  | 2.2  | 1.5  |
| 0.1  | 0.3  | 0.9  | 0.9  | 0.3  | 0.2  | 0.0  |
| 0.7  | 1.0  | 1.1  | 0.8  | 0.9  | 1.0  | 0.6  |
| 4.0  | 4.3  | 4.5  | 4.5  | 3.7  | 5.8  | 4.5  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 1.6   | 1.8   | 1.6   | 1.7   | 1.9   | 2.1   | 1.3   |
| 9.0   | 9.6   | 9.7   | 12.1  | 10.7  | 11.6  | 10.1  |
| 0.2   | 0.5   | 1.6   | 1.3   | 0.7   | 1.3   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.2   | 1.3   | 1.6   | 1.6   | 1.3   | 1.1   | 3.1   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.1   | 0.2   | 0.0   |
| 0.7   | 0.9   | 0.5   | 0.3   | 0.7   | 0.8   | 0.5   |
| 0.1   | 0.2   | 0.5   | 0.1   | 0.0   | 0.1   | 0.0   |
| 3.0   | 2.6   | 4.8   | 5.6   | 4.8   | 5.5   | 6.8   |
| 1.3   | 1.1   | 1.4   | 1.8   | 1.0   | 1.6   | 2.1   |
| 0.8   | 1.2   | 1.5   | 1.4   | 1.0   | 1.4   | 1.2   |
| 1.6   | 1.9   | 2.4   | 2.5   | 2.5   | 2.4   | 1.3   |
| 2.8   | 2.8   | 2.4   | 2.0   | 2.6   | 3.8   | 1.7   |
| 3.9   | 4.5   | 4.8   | 5.6   | 4.7   | 4.2   | 5.7   |
| 0.1   | 0.5   | 0.8   | 0.7   | 0.2   | 0.7   | 0.1   |
| 0.2   | 0.1   | 0.2   | 0.1   | 0.1   | 0.2   | 0.0   |
| 0.2   | 0.1   | 0.1   | 0.4   | 0.1   | 0.3   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 4.1   | 6.6   | 7.5   | 7.2   | 4.7   | 7.6   | 6.7   |
| 2.2   | 2.4   | 1.8   | 2.1   | 4.0   | 4.4   | 0.6   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.8   | 1.3   | 2.6   | 2.1   | 1.0   | 2.1   | 2.1   |
| 2.6   | 2.7   | 2.1   | 3.5   | 3.6   | 3.5   | 2.5   |
| 0.9   | 0.9   | 1.2   | 0.8   | 0.7   | 0.8   | 1.6   |
| 7.8   | 11.7  | 14.0  | 14.9  | 12.0  | 15.0  | 12.2  |
| 0.2   | 0.2   | 0.6   | 0.2   | 0.3   | 0.4   | 0.0   |
| 0.1   | 0.2   | 0.1   | 0.4   | 0.4   | 0.2   | 0.0   |
| 5.1   | 4.9   | 5.8   | 6.0   | 5.5   | 7.5   | 10.4  |
| 1.3   | 1.8   | 2.5   | 2.7   | 2.0   | 2.4   | 1.1   |
| 1.2   | 1.1   | 1.4   | 1.5   | 1.5   | 1.8   | 2.5   |
| 2.3   | 3.1   | 2.4   | 4.3   | 3.4   | 3.0   | 1.6   |
| 2.9   | 3.1   | 3.9   | 4.3   | 3.3   | 3.9   | 3.3   |
| 1.6   | 3.3   | 3.0   | 3.4   | 4.8   | 3.9   | 2.0   |
| 1.3   | 2.0   | 2.3   | 2.1   | 2.2   | 3.3   | 2.3   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.2   | 0.5   | 0.0   |
| 28.0  | 30.9  | 24.9  | 24.8  | 35.8  | 37.4  | 26.3  |
| 0.1   | 0.0   | 0.1   | 0.2   | 0.1   | 0.3   | 0.0   |
| 234.9 | 388.3 | 339.0 | 399.6 | 393.8 | 441.0 | 263.6 |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.1   | 0.0   |
| 5.6   | 6.1   | 6.2   | 5.9   | 5.2   | 6.9   | 3.4   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.1   | 0.5   | 0.0   |
| 0.6   | 0.5   | 1.6   | 1.6   | 1.3   | 0.5   | 0.0   |
| 5.6   | 6.8   | 6.4   | 7.0   | 7.5   | 7.2   | 2.8   |
| 7.0   | 7.8   | 8.5   | 8.9   | 10.4  | 8.7   | 2.8   |
| 5.9   | 6.0   | 5.6   | 4.9   | 6.9   | 6.7   | 3.2   |
| 0.9   | 0.9   | 0.9   | 0.9   | 1.3   | 1.2   | 0.6   |
| 0.7   | 0.6   | 1.0   | 0.8   | 0.0   | 0.0   | 0.0   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 8.1  | 9.6  | 7.7  | 7.6  | 9.9  | 6.8  | 4.0  |
| 9.0  | 8.8  | 9.1  | 9.2  | 10.2 | 12.0 | 6.8  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.3  | 0.0  |
| 1.8  | 1.5  | 1.7  | 1.3  | 1.8  | 2.2  | 1.2  |
| 0.1  | 0.2  | 1.2  | 0.5  | 0.4  | 0.7  | 0.0  |
| 4.1  | 5.8  | 3.7  | 4.1  | 5.4  | 7.0  | 4.3  |
| 3.2  | 4.2  | 4.0  | 5.2  | 5.0  | 5.0  | 4.4  |
| 6.4  | 8.7  | 8.2  | 9.7  | 7.4  | 7.0  | 8.6  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 1.2  | 1.8  | 0.8  | 1.0  | 1.1  | 2.3  | 1.0  |
| 2.7  | 2.5  | 2.3  | 3.0  | 3.5  | 2.9  | 2.7  |
| 1.6  | 2.0  | 1.5  | 1.4  | 1.4  | 3.3  | 3.5  |
| 7.6  | 10.0 | 9.7  | 7.7  | 10.7 | 9.3  | 6.3  |
| 2.2  | 3.9  | 4.2  | 4.0  | 3.1  | 4.0  | 3.1  |
| 3.1  | 3.4  | 3.2  | 3.2  | 3.2  | 3.3  | 2.8  |
| 1.9  | 1.8  | 1.8  | 2.7  | 3.2  | 2.4  | 2.0  |
| 2.1  | 3.8  | 2.9  | 3.2  | 3.6  | 3.2  | 5.8  |
| 1.7  | 1.4  | 1.6  | 2.4  | 2.0  | 1.8  | 2.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.2  | 0.2  |
| 3.3  | 3.1  | 3.2  | 3.3  | 3.5  | 3.7  | 4.6  |
| 12.3 | 20.0 | 13.9 | 14.2 | 14.1 | 21.9 | 20.8 |
| 0.0  | 0.1  | 0.6  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3.8  | 1.0  | 6.3  | 4.6  | 6.6  | 2.8  | 0.0  |
| 3.3  | 3.5  | 3.1  | 3.5  | 3.1  | 3.5  | 3.1  |
| 0.4  | 1.3  | 2.0  | 1.8  | 0.7  | 2.6  | 0.6  |
| 1.4  | 1.9  | 1.3  | 1.6  | 1.7  | 1.5  | 2.3  |
| 0.3  | 0.3  | 0.4  | 0.4  | 0.4  | 0.4  | 0.5  |
| 0.4  | 0.0  | 1.8  | 0.3  | 0.0  | 0.3  | 0.0  |
| 8.6  | 11.3 | 13.3 | 16.1 | 11.3 | 9.2  | 22.5 |
| 1.7  | 1.7  | 2.6  | 1.7  | 2.0  | 1.4  | 0.0  |
| 8.6  | 11.1 | 12.1 | 12.5 | 14.4 | 9.3  | 8.8  |
| 0.1  | 0.3  | 0.1  | 0.5  | 0.0  | 0.0  | 0.0  |
| 1.3  | 1.8  | 2.9  | 2.8  | 1.8  | 2.5  | 0.9  |
| 0.2  | 0.2  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3.3  | 5.1  | 5.4  | 5.7  | 6.1  | 6.1  | 3.2  |
| 0.0  | 0.0  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.6  | 0.3  | 0.4  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.4  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.0  | 1.4  | 1.6  | 2.0  | 1.5  | 2.0  | 0.9  |
| 0.4  | 1.0  | 2.4  | 1.5  | 0.8  | 1.8  | 0.4  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.2  | 0.0  |
| 2.7  | 2.5  | 2.4  | 2.3  | 3.8  | 2.7  | 1.6  |
| 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.9  | 1.8  | 2.4  | 2.1  | 1.2  | 1.2  | 1.7  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 3.1  | 5.1  | 7.3  | 8.5  | 7.2  | 12.3 | 0.8  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.7  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.1  | 0.1  | 0.2  | 0.2  | 0.2  | 0.1  | 0.0  |
| 0.1  | 0.4  | 1.2  | 1.3  | 0.1  | 0.3  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.0  | 0.1  | 0.0  |
| 2.1  | 3.4  | 2.0  | 1.9  | 4.8  | 1.8  | 0.2  |
| 0.4  | 0.3  | 1.2  | 1.0  | 0.4  | 1.1  | 0.0  |
| 5.2  | 5.3  | 5.0  | 4.3  | 6.9  | 4.7  | 1.0  |
| 4.3  | 5.4  | 4.2  | 4.2  | 5.6  | 6.8  | 2.1  |
| 1.1  | 2.8  | 1.6  | 3.0  | 5.0  | 2.6  | 0.0  |
| 40.9 | 72.3 | 38.4 | 51.5 | 48.2 | 53.8 | 38.6 |
| 0.0  | 0.0  | 0.3  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.5  | 0.6  | 0.4  | 0.5  | 0.8  | 0.7  | 0.3  |
| 10.9 | 10.7 | 14.2 | 12.1 | 18.8 | 13.5 | 7.4  |
| 7.0  | 13.7 | 12.1 | 11.6 | 12.6 | 11.0 | 6.5  |
| 4.6  | 4.9  | 5.1  | 4.4  | 7.3  | 6.4  | 0.9  |
| 2.6  | 2.9  | 3.2  | 3.6  | 3.3  | 1.3  | 0.8  |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.0  | 0.3  | 0.0  |
| 1.1  | 1.0  | 0.8  | 0.9  | 1.7  | 1.2  | 0.0  |
| 5.6  | 8.7  | 8.4  | 8.9  | 5.4  | 8.5  | 9.1  |
| 3.1  | 5.0  | 6.5  | 6.6  | 5.4  | 5.3  | 4.9  |
| 1.0  | 1.3  | 1.4  | 1.5  | 1.7  | 1.5  | 1.0  |
| 2.3  | 4.2  | 0.7  | 2.5  | 3.6  | 6.2  | 0.9  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.1  | 2.0  | 1.0  | 0.3  | 1.8  | 2.8  | 3.7  |
| 0.2  | 0.2  | 0.3  | 1.0  | 0.6  | 0.6  | 0.0  |
| 0.7  | 1.5  | 3.1  | 2.4  | 1.0  | 2.1  | 0.3  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.4  | 0.4  | 0.3  | 0.3  | 0.5  | 0.5  |
| 0.2  | 0.0  | 0.2  | 0.2  | 0.3  | 0.4  | 0.3  |
| 0.1  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.1  | 0.6  | 0.3  | 0.6  | 0.3  | 0.0  |
| 0.6  | 0.9  | 1.4  | 1.0  | 1.9  | 0.2  | 0.4  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.0  | 1.1  | 0.3  | 0.3  | 0.6  | 0.7  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 5.6  | 6.9  | 6.1  | 8.1  | 8.5  | 4.4  | 5.0  |
| 0.0  | 0.0  | 0.6  | 0.5  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

|       |       |      |      |       |       |      |
|-------|-------|------|------|-------|-------|------|
| 1.0   | 1.1   | 0.7  | 0.8  | 2.4   | 0.8   | 0.0  |
| 0.0   | 0.0   | 0.1  | 0.1  | 0.0   | 0.0   | 0.0  |
| 0.0   | 0.0   | 0.1  | 0.1  | 0.0   | 0.1   | 0.0  |
| 120.5 | 121.3 | 98.2 | 79.2 | 156.6 | 103.8 | 51.3 |
| 0.9   | 0.5   | 1.5  | 0.7  | 0.8   | 0.5   | 1.7  |
| 0.0   | 0.0   | 0.1  | 0.0  | 0.0   | 0.0   | 0.0  |
| 1.7   | 4.4   | 4.3  | 3.8  | 2.4   | 7.2   | 1.9  |
| 0.0   | 0.1   | 0.2  | 0.2  | 0.0   | 0.0   | 0.0  |
| 0.0   | 0.0   | 0.0  | 0.1  | 0.0   | 0.0   | 0.0  |
| 0.0   | 0.2   | 0.2  | 0.0  | 0.0   | 0.0   | 0.0  |
| 0.4   | 0.5   | 1.2  | 1.2  | 1.2   | 1.2   | 0.1  |
| 0.8   | 0.5   | 0.1  | 0.4  | 1.5   | 0.6   | 0.2  |
| 1.4   | 1.5   | 2.5  | 2.3  | 1.6   | 3.1   | 1.1  |
| 0.0   | 0.0   | 0.1  | 0.2  | 0.0   | 0.0   | 0.0  |
| 0.6   | 1.2   | 1.7  | 1.6  | 0.9   | 2.2   | 0.3  |
| 0.2   | 1.1   | 1.0  | 1.5  | 0.9   | 0.7   | 0.0  |
| 0.0   | 0.0   | 0.4  | 0.3  | 0.0   | 0.0   | 0.0  |
| 0.1   | 0.0   | 0.0  | 0.1  | 0.3   | 0.0   | 0.0  |
| 0.0   | 0.0   | 0.4  | 0.0  | 0.0   | 0.0   | 0.0  |
| 0.1   | 0.1   | 0.1  | 0.2  | 0.1   | 0.3   | 0.0  |
| 0.0   | 0.0   | 0.1  | 0.0  | 0.1   | 0.0   | 0.0  |
| 0.3   | 0.5   | 1.1  | 1.1  | 0.9   | 0.5   | 0.5  |
| 2.1   | 1.7   | 1.0  | 3.1  | 2.4   | 3.2   | 0.9  |
| 1.4   | 1.9   | 1.4  | 1.4  | 2.2   | 1.8   | 2.8  |
| 0.2   | 0.1   | 0.7  | 0.6  | 0.4   | 0.6   | 0.2  |
| 0.0   | 0.0   | 0.2  | 0.2  | 0.1   | 0.2   | 0.0  |
| 0.0   | 0.0   | 0.1  | 0.0  | 0.1   | 0.0   | 0.0  |
| 0.3   | 0.2   | 0.2  | 0.1  | 0.3   | 0.2   | 0.0  |
| 0.2   | 0.0   | 0.8  | 0.4  | 0.0   | 0.0   | 0.0  |
| 6.1   | 7.5   | 5.9  | 5.6  | 8.3   | 5.9   | 8.7  |
| 0.2   | 0.1   | 0.3  | 0.3  | 0.2   | 0.7   | 0.0  |
| 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   | 0.0  |
| 0.0   | 0.1   | 0.1  | 0.1  | 0.0   | 0.0   | 0.0  |
| 0.0   | 0.1   | 0.1  | 0.2  | 0.1   | 0.3   | 0.0  |
| 0.0   | 0.0   | 0.1  | 0.1  | 0.1   | 0.1   | 0.0  |
| 0.0   | 0.0   | 0.2  | 0.0  | 0.0   | 0.0   | 0.0  |
| 1.2   | 1.0   | 2.0  | 1.2  | 1.0   | 1.6   | 0.0  |
| 0.1   | 0.0   | 0.2  | 0.0  | 0.1   | 0.0   | 0.0  |
| 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   | 0.0  |
| 0.5   | 0.5   | 0.1  | 0.6  | 1.1   | 0.6   | 0.5  |
| 0.4   | 0.2   | 0.3  | 0.3  | 0.3   | 0.4   | 0.1  |
| 44.9  | 26.0  | 38.3 | 48.1 | 47.5  | 21.6  | 48.1 |
| 0.2   | 0.1   | 0.3  | 0.0  | 0.5   | 0.0   | 0.0  |
| 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.5   | 0.0  |
| 4.5   | 10.5  | 19.0 | 18.7 | 7.0   | 14.9  | 3.5  |
| 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   | 0.0  |
| 2.0   | 2.3   | 5.1  | 5.5  | 4.7   | 6.2   | 1.4  |

|      |      |      |      |      |      |     |
|------|------|------|------|------|------|-----|
| 0.9  | 0.3  | 0.7  | 0.5  | 0.4  | 0.0  | 0.3 |
| 0.1  | 0.6  | 1.0  | 0.9  | 0.8  | 0.9  | 0.0 |
| 0.1  | 0.1  | 0.3  | 0.2  | 0.1  | 0.1  | 0.0 |
| 0.4  | 0.6  | 0.4  | 0.7  | 0.3  | 1.0  | 0.2 |
| 0.3  | 0.4  | 1.4  | 0.7  | 1.3  | 1.1  | 0.0 |
| 0.1  | 0.5  | 0.4  | 0.2  | 0.3  | 0.5  | 0.3 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.1  | 0.3  | 0.4  | 0.2  | 0.2  | 0.8 |
| 0.0  | 0.2  | 0.1  | 0.0  | 0.0  | 0.5  | 0.0 |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0 |
| 1.1  | 2.0  | 2.6  | 1.7  | 4.0  | 6.0  | 2.5 |
| 0.0  | 0.1  | 0.0  | 0.1  | 0.0  | 0.8  | 0.0 |
| 1.1  | 0.8  | 1.9  | 2.0  | 1.2  | 1.9  | 2.0 |
| 0.0  | 0.3  | 0.3  | 1.0  | 1.0  | 1.0  | 2.8 |
| 0.0  | 0.1  | 0.5  | 0.2  | 0.0  | 0.0  | 0.0 |
| 2.6  | 2.8  | 1.5  | 2.0  | 3.0  | 2.4  | 3.8 |
| 0.0  | 0.0  | 0.3  | 0.1  | 0.1  | 0.1  | 0.0 |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0 |
| 2.8  | 2.0  | 5.4  | 9.5  | 2.6  | 6.5  | 2.1 |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.5  | 0.0 |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0 |
| 0.2  | 0.3  | 0.4  | 0.2  | 0.9  | 0.8  | 0.0 |
| 0.4  | 0.1  | 0.6  | 0.3  | 0.3  | 0.1  | 1.4 |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.3  | 0.0  | 0.1  | 0.3  | 0.0 |
| 0.1  | 0.1  | 0.2  | 0.1  | 0.1  | 0.1  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0 |
| 0.2  | 0.0  | 0.6  | 0.4  | 0.0  | 0.1  | 0.0 |
| 0.0  | 0.0  | 0.3  | 0.1  | 0.1  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.3  | 0.1  | 0.0  | 0.8  | 0.0 |
| 0.3  | 0.1  | 0.5  | 0.3  | 0.3  | 0.2  | 0.2 |
| 0.8  | 0.9  | 1.3  | 1.5  | 1.3  | 1.1  | 1.2 |
| 3.3  | 2.7  | 3.6  | 3.5  | 4.0  | 4.1  | 3.0 |
| 0.0  | 0.0  | 0.1  | 0.4  | 0.2  | 0.1  | 0.0 |
| 0.0  | 0.0  | 0.3  | 0.0  | 0.0  | 0.2  | 0.0 |
| 0.0  | 0.0  | 0.1  | 0.3  | 0.5  | 0.0  | 0.0 |
| 0.7  | 0.7  | 1.8  | 1.7  | 0.9  | 1.4  | 0.2 |
| 0.6  | 0.9  | 1.9  | 1.6  | 1.1  | 1.7  | 0.4 |
| 0.4  | 0.3  | 0.5  | 0.8  | 0.5  | 0.6  | 0.0 |
| 0.1  | 0.3  | 0.6  | 0.3  | 0.4  | 0.2  | 0.0 |
| 13.7 | 10.8 | 14.2 | 11.1 | 24.5 | 22.3 | 3.1 |
| 1.2  | 1.3  | 2.3  | 2.0  | 1.1  | 1.7  | 0.2 |
| 0.0  | 0.1  | 0.3  | 0.4  | 0.1  | 0.0  | 0.0 |
| 0.0  | 0.1  | 0.0  | 0.3  | 0.0  | 0.3  | 0.0 |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.2  | 0.0 |
| 0.1  | 0.0  | 0.1  | 0.0  | 0.1  | 0.2  | 0.0 |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.1  | 0.1  | 0.3  | 0.1  | 0.3  | 0.1  | 0.0  |
| 0.4  | 0.2  | 0.8  | 1.8  | 0.5  | 0.9  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.2  | 0.0  | 0.5  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.1  | 0.9  | 1.6  | 1.4  | 2.0  | 1.2  | 0.1  |
| 0.2  | 0.3  | 1.4  | 0.3  | 1.0  | 0.2  | 1.6  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.4  | 0.2  | 0.1  | 0.2  | 0.0  |
| 0.8  | 0.9  | 2.4  | 1.5  | 0.9  | 2.5  | 2.3  |
| 0.0  | 0.1  | 0.3  | 0.3  | 0.1  | 0.1  | 0.0  |
| 1.4  | 1.3  | 2.5  | 2.1  | 2.6  | 3.0  | 2.9  |
| 0.1  | 0.1  | 0.2  | 0.4  | 0.0  | 0.4  | 0.0  |
| 1.0  | 5.4  | 7.7  | 6.3  | 3.9  | 5.3  | 0.4  |
| 0.2  | 0.2  | 0.5  | 0.3  | 0.3  | 1.1  | 0.0  |
| 0.2  | 0.3  | 0.4  | 0.2  | 0.1  | 0.4  | 0.0  |
| 3.2  | 4.0  | 2.5  | 2.4  | 4.3  | 5.9  | 2.4  |
| 1.3  | 1.1  | 1.6  | 1.5  | 1.4  | 1.6  | 0.6  |
| 0.6  | 1.0  | 1.6  | 2.0  | 0.7  | 2.1  | 0.1  |
| 0.3  | 0.3  | 0.3  | 0.2  | 0.0  | 0.3  | 0.0  |
| 0.3  | 0.4  | 1.4  | 1.1  | 0.3  | 1.2  | 0.0  |
| 0.1  | 0.0  | 0.4  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.7  | 1.4  | 0.9  | 1.5  | 1.4  | 1.6  | 0.0  |
| 1.3  | 0.9  | 1.0  | 1.6  | 1.1  | 2.2  | 1.3  |
| 1.7  | 1.4  | 1.7  | 1.4  | 1.1  | 1.4  | 0.0  |
| 32.6 | 30.0 | 28.8 | 30.3 | 32.4 | 28.2 | 20.9 |
| 0.2  | 0.5  | 0.9  | 1.0  | 0.3  | 0.8  | 0.9  |
| 1.4  | 1.9  | 3.5  | 5.3  | 1.6  | 3.6  | 0.7  |
| 0.0  | 0.1  | 0.5  | 0.2  | 0.1  | 0.4  | 0.0  |
| 0.8  | 1.0  | 0.6  | 0.8  | 0.5  | 1.5  | 0.0  |
| 1.2  | 1.2  | 1.5  | 1.2  | 1.3  | 1.9  | 0.7  |
| 1.0  | 1.1  | 1.7  | 1.0  | 1.5  | 2.5  | 0.4  |
| 0.0  | 0.0  | 0.1  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.2  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.4  | 0.0  | 0.1  | 0.4  | 0.0  |
| 0.0  | 0.1  | 0.5  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.2  | 0.5  | 0.4  | 0.2  | 2.0  | 0.0  |
| 1.1  | 1.5  | 0.9  | 1.1  | 1.4  | 1.1  | 2.5  |
| 1.8  | 1.2  | 1.3  | 0.4  | 1.6  | 2.1  | 0.0  |
| 0.1  | 0.2  | 0.4  | 0.5  | 0.0  | 0.8  | 0.0  |
| 12.9 | 12.1 | 15.1 | 15.4 | 15.3 | 15.9 | 7.9  |
| 0.1  | 0.3  | 0.7  | 0.4  | 0.6  | 0.1  | 1.9  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.3  | 0.1  | 0.1  |



|     |      |      |     |      |      |     |
|-----|------|------|-----|------|------|-----|
| 0.0 | 0.0  | 0.0  | 0.2 | 0.0  | 0.0  | 0.0 |
| 0.6 | 1.4  | 1.2  | 1.9 | 0.9  | 2.5  | 0.2 |
| 1.0 | 2.3  | 4.3  | 4.4 | 2.0  | 4.0  | 1.0 |
| 0.7 | 1.3  | 2.7  | 2.1 | 1.2  | 1.8  | 0.1 |
| 0.3 | 0.4  | 0.3  | 0.2 | 0.1  | 1.3  | 1.3 |
| 0.0 | 0.0  | 0.0  | 0.0 | 0.0  | 0.0  | 0.0 |
| 0.0 | 0.0  | 0.1  | 0.0 | 0.0  | 0.0  | 0.0 |
| 0.0 | 0.0  | 0.0  | 0.0 | 0.0  | 0.0  | 0.0 |
| 0.2 | 0.3  | 0.4  | 0.4 | 0.4  | 0.2  | 0.6 |
| 0.4 | 0.3  | 0.5  | 0.3 | 1.0  | 0.8  | 1.4 |
| 0.4 | 0.6  | 0.6  | 0.6 | 0.4  | 0.7  | 0.0 |
| 0.3 | 0.3  | 0.7  | 0.7 | 0.4  | 0.2  | 0.1 |
| 0.0 | 0.0  | 0.0  | 0.0 | 0.0  | 0.0  | 0.0 |
| 0.5 | 0.5  | 1.0  | 0.6 | 0.3  | 0.7  | 0.0 |
| 0.0 | 0.1  | 0.2  | 0.3 | 0.2  | 0.0  | 0.0 |
| 0.0 | 0.0  | 0.0  | 0.0 | 0.0  | 0.0  | 0.0 |
| 1.2 | 1.9  | 3.6  | 5.1 | 1.4  | 3.4  | 0.8 |
| 4.0 | 5.0  | 6.6  | 6.3 | 6.7  | 5.1  | 3.5 |
| 0.0 | 0.0  | 0.0  | 0.1 | 0.0  | 0.0  | 0.0 |
| 0.0 | 0.0  | 0.0  | 0.0 | 0.0  | 0.0  | 0.0 |
| 0.0 | 0.0  | 0.1  | 0.3 | 0.2  | 0.1  | 0.0 |
| 0.1 | 0.3  | 0.3  | 0.2 | 0.1  | 0.7  | 0.0 |
| 0.3 | 0.3  | 0.3  | 0.2 | 0.4  | 0.7  | 0.0 |
| 0.1 | 1.8  | 1.7  | 2.0 | 1.3  | 1.4  | 0.0 |
| 0.2 | 0.4  | 0.4  | 0.5 | 0.6  | 0.1  | 0.0 |
| 0.0 | 0.1  | 0.1  | 0.1 | 0.0  | 0.0  | 0.0 |
| 0.4 | 0.7  | 1.0  | 0.6 | 0.4  | 1.0  | 0.8 |
| 0.4 | 0.6  | 0.8  | 1.1 | 0.7  | 1.2  | 0.4 |
| 0.0 | 0.0  | 0.0  | 0.0 | 0.0  | 0.0  | 0.0 |
| 0.0 | 0.0  | 0.2  | 0.0 | 0.3  | 0.3  | 0.0 |
| 0.1 | 0.3  | 0.7  | 0.8 | 0.5  | 0.6  | 0.2 |
| 0.1 | 0.1  | 0.1  | 0.0 | 0.1  | 0.0  | 0.0 |
| 0.0 | 0.1  | 0.0  | 0.0 | 0.0  | 0.0  | 0.0 |
| 0.0 | 0.0  | 0.0  | 0.0 | 0.0  | 0.0  | 0.0 |
| 0.0 | 0.2  | 0.2  | 0.2 | 0.0  | 0.1  | 0.0 |
| 0.2 | 0.4  | 1.1  | 0.8 | 0.2  | 0.6  | 0.2 |
| 0.2 | 0.3  | 0.4  | 0.2 | 0.4  | 0.1  | 0.1 |
| 6.0 | 11.3 | 11.6 | 9.4 | 11.7 | 16.8 | 6.7 |
| 0.2 | 0.6  | 0.7  | 0.7 | 0.9  | 0.7  | 0.6 |
| 0.0 | 0.0  | 0.0  | 0.0 | 0.0  | 0.0  | 0.0 |
| 0.1 | 0.1  | 0.5  | 0.1 | 0.0  | 0.0  | 0.0 |
| 0.0 | 0.1  | 0.3  | 0.2 | 0.0  | 0.0  | 0.0 |
| 0.1 | 0.2  | 0.0  | 0.0 | 0.3  | 0.3  | 0.0 |
| 0.0 | 0.0  | 0.2  | 0.1 | 0.0  | 0.1  | 0.0 |
| 0.1 | 0.2  | 0.3  | 0.1 | 0.3  | 0.2  | 0.2 |
| 0.1 | 0.1  | 0.5  | 0.3 | 0.2  | 0.0  | 0.0 |
| 1.6 | 1.8  | 1.4  | 2.0 | 3.2  | 1.8  | 0.0 |

|     |      |     |     |     |      |     |
|-----|------|-----|-----|-----|------|-----|
| 0.6 | 0.7  | 2.3 | 2.4 | 1.8 | 1.7  | 0.9 |
| 0.0 | 0.1  | 0.3 | 0.5 | 0.0 | 0.0  | 2.4 |
| 0.0 | 0.7  | 0.4 | 0.5 | 0.3 | 0.0  | 0.0 |
| 0.2 | 0.3  | 0.6 | 0.4 | 0.2 | 0.3  | 0.0 |
| 0.6 | 0.9  | 1.1 | 1.3 | 0.9 | 1.2  | 1.4 |
| 0.5 | 1.5  | 4.1 | 3.1 | 1.6 | 3.0  | 0.6 |
| 0.4 | 0.5  | 1.0 | 0.8 | 0.6 | 0.3  | 0.2 |
| 0.1 | 0.1  | 0.7 | 0.7 | 0.2 | 0.3  | 0.0 |
| 0.0 | 0.1  | 0.1 | 0.4 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.1  | 0.0 |
| 0.3 | 0.2  | 0.3 | 0.5 | 0.4 | 0.2  | 0.2 |
| 0.1 | 0.3  | 0.5 | 1.3 | 0.8 | 0.2  | 0.0 |
| 0.0 | 0.0  | 0.1 | 0.3 | 0.1 | 0.4  | 0.0 |
| 0.2 | 0.3  | 0.6 | 0.1 | 0.0 | 0.5  | 0.0 |
| 0.0 | 0.1  | 0.2 | 0.3 | 0.0 | 0.2  | 0.7 |
| 4.1 | 3.3  | 3.5 | 5.3 | 8.3 | 6.2  | 4.3 |
| 0.0 | 0.1  | 0.2 | 0.1 | 0.1 | 0.0  | 0.0 |
| 0.6 | 0.3  | 0.3 | 0.6 | 0.6 | 0.2  | 1.4 |
| 0.0 | 0.0  | 0.1 | 0.1 | 0.2 | 0.2  | 0.0 |
| 0.4 | 0.1  | 0.2 | 0.0 | 0.0 | 0.5  | 0.0 |
| 0.1 | 0.2  | 0.2 | 0.2 | 0.3 | 0.2  | 0.0 |
| 0.3 | 0.3  | 0.3 | 0.4 | 0.4 | 0.1  | 0.3 |
| 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.1 | 0.1  | 0.3 | 0.3 | 0.1 | 0.2  | 0.0 |
| 0.0 | 0.1  | 0.5 | 0.4 | 0.1 | 0.2  | 0.0 |
| 0.0 | 0.0  | 0.1 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0  | 0.5 | 0.2 | 0.0 | 0.1  | 0.0 |
| 0.0 | 0.1  | 0.3 | 0.2 | 0.1 | 0.0  | 0.0 |
| 4.2 | 10.1 | 9.7 | 9.8 | 9.9 | 11.7 | 6.8 |
| 0.2 | 0.3  | 0.5 | 0.6 | 0.4 | 0.3  | 0.1 |
| 0.0 | 0.0  | 0.0 | 0.1 | 0.0 | 0.2  | 0.0 |
| 0.3 | 0.5  | 0.4 | 0.3 | 0.5 | 0.2  | 0.0 |
| 0.0 | 0.1  | 0.1 | 0.1 | 0.0 | 0.0  | 0.9 |
| 0.2 | 0.8  | 0.8 | 0.4 | 0.4 | 2.0  | 1.6 |
| 0.0 | 0.0  | 0.2 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0  | 0.0 | 0.1 | 0.0 | 0.0  | 0.0 |
| 0.3 | 0.6  | 0.9 | 1.2 | 0.7 | 0.9  | 0.6 |
| 1.4 | 1.2  | 2.6 | 2.5 | 2.2 | 2.9  | 1.5 |
| 3.8 | 3.3  | 4.4 | 5.1 | 4.1 | 2.4  | 7.4 |
| 2.3 | 2.2  | 1.9 | 0.9 | 4.8 | 1.9  | 1.1 |
| 0.2 | 0.1  | 0.6 | 0.8 | 0.0 | 0.0  | 0.0 |
| 0.1 | 0.2  | 0.0 | 0.1 | 0.2 | 0.0  | 0.7 |
| 0.3 | 0.2  | 0.4 | 0.3 | 0.3 | 0.3  | 0.0 |
| 5.0 | 4.8  | 4.6 | 4.8 | 4.2 | 4.4  | 4.8 |
| 0.0 | 0.0  | 0.1 | 0.1 | 0.0 | 0.1  | 0.0 |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.1  | 0.0  | 0.3  | 0.1  | 0.3  | 0.2  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.7  | 0.9  | 0.5  | 0.0  |
| 0.5  | 1.0  | 1.0  | 1.8  | 0.6  | 2.3  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.3  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.2  | 0.0  | 0.0  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.6  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.3  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.4  | 0.0  | 0.0  |
| 17.7 | 33.6 | 56.5 | 62.1 | 34.1 | 60.1 | 19.4 |
| 0.1  | 0.1  | 0.2  | 0.3  | 0.2  | 0.2  | 0.2  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.6  | 0.6  | 0.5  | 0.7  | 0.9  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.3  | 0.3  | 0.6  | 0.2  | 0.3  | 0.0  |
| 20.5 | 37.6 | 48.7 | 58.3 | 49.8 | 85.0 | 2.6  |
| 0.1  | 0.2  | 0.1  | 0.1  | 0.4  | 0.5  | 1.3  |
| 0.6  | 0.6  | 1.0  | 0.7  | 1.1  | 1.1  | 0.0  |
| 0.2  | 0.1  | 0.4  | 0.2  | 0.2  | 0.1  | 0.2  |
| 0.0  | 0.1  | 0.4  | 0.4  | 0.0  | 0.4  | 0.5  |
| 0.9  | 0.9  | 1.1  | 1.0  | 1.7  | 1.4  | 0.3  |
| 0.6  | 0.5  | 0.5  | 0.4  | 0.9  | 0.6  | 0.0  |
| 0.1  | 0.0  | 0.2  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.7  | 0.9  | 1.3  | 1.1  | 0.9  | 1.0  | 1.2  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.7  | 0.6  | 0.5  | 0.9  | 1.3  | 0.8  | 1.2  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.9  | 0.8  | 0.9  | 1.0  | 1.5  | 1.0  | 0.5  |
| 0.0  | 0.0  | 0.5  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.1  | 0.2  | 0.4  | 0.0  | 1.8  |
| 1.3  | 1.2  | 1.6  | 2.1  | 0.9  | 1.3  | 0.4  |
| 0.9  | 0.1  | 0.7  | 0.9  | 0.8  | 1.4  | 1.8  |
| 0.1  | 0.3  | 0.9  | 1.7  | 0.8  | 0.8  | 2.5  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.0  | 0.2  | 0.0  |
| 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 1.3  | 0.0  |
| 0.1  | 0.1  | 0.3  | 0.1  | 0.0  | 0.3  | 0.0  |
| 4.8  | 8.8  | 7.1  | 9.1  | 7.3  | 10.6 | 3.5  |
| 2.1  | 2.3  | 2.5  | 2.1  | 2.7  | 2.5  | 2.0  |

|      |     |      |     |      |      |      |
|------|-----|------|-----|------|------|------|
| 0.1  | 0.0 | 0.2  | 0.1 | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0 | 0.1  | 0.2 | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0 | 0.2  | 0.2 | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.3 | 0.5  | 0.6 | 0.0  | 0.3  | 0.0  |
| 0.2  | 0.1 | 0.4  | 0.1 | 0.4  | 0.4  | 0.0  |
| 2.4  | 3.4 | 2.6  | 3.2 | 3.7  | 3.7  | 2.6  |
| 1.1  | 2.6 | 5.7  | 5.2 | 2.1  | 4.8  | 1.0  |
| 0.1  | 0.0 | 0.5  | 0.0 | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1 | 0.1  | 0.2 | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.1 | 0.5  | 0.6 | 0.6  | 0.2  | 0.3  |
| 0.0  | 0.0 | 0.0  | 0.0 | 0.2  | 0.2  | 0.0  |
| 0.0  | 0.0 | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  |
| 1.5  | 1.7 | 0.6  | 0.7 | 1.6  | 1.4  | 0.6  |
| 0.4  | 0.4 | 0.4  | 1.2 | 0.2  | 0.3  | 0.0  |
| 0.3  | 0.6 | 0.7  | 1.0 | 0.4  | 1.1  | 0.4  |
| 0.0  | 0.0 | 0.0  | 0.1 | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0 | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0 | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1 | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0 | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0 | 0.1  | 0.0 | 0.1  | 0.0  | 0.0  |
| 0.3  | 0.1 | 0.4  | 0.3 | 0.1  | 0.1  | 0.3  |
| 0.0  | 0.0 | 0.0  | 0.0 | 0.1  | 0.1  | 0.0  |
| 1.6  | 1.7 | 1.8  | 1.8 | 1.9  | 2.3  | 1.9  |
| 0.0  | 0.0 | 0.0  | 0.0 | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.2 | 0.7  | 0.5 | 1.2  | 0.5  | 0.0  |
| 0.0  | 0.2 | 0.0  | 0.1 | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0 | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0 | 0.2  | 0.0 | 0.0  | 0.0  | 0.0  |
| 0.6  | 0.4 | 1.1  | 0.9 | 0.7  | 0.7  | 0.5  |
| 0.1  | 0.4 | 0.0  | 0.2 | 0.3  | 0.5  | 0.0  |
| 15.4 | 8.0 | 10.3 | 9.6 | 13.9 | 15.9 | 21.9 |
| 0.1  | 0.0 | 0.1  | 0.1 | 0.0  | 0.1  | 0.3  |
| 4.5  | 2.1 | 3.8  | 5.2 | 10.9 | 2.2  | 2.3  |
| 0.0  | 0.0 | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  |
| 0.5  | 0.3 | 0.3  | 0.6 | 0.3  | 0.5  | 0.7  |
| 0.5  | 0.3 | 0.9  | 0.9 | 0.7  | 1.4  | 0.6  |
| 0.0  | 0.0 | 0.3  | 0.0 | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0 | 0.2  | 0.0 | 0.0  | 0.0  | 0.0  |
| 1.0  | 1.0 | 1.4  | 1.4 | 0.9  | 1.4  | 0.8  |
| 0.9  | 1.6 | 3.0  | 2.7 | 0.8  | 2.6  | 0.6  |
| 2.3  | 5.7 | 5.1  | 5.1 | 4.6  | 6.5  | 0.0  |
| 0.1  | 0.0 | 0.6  | 0.1 | 0.0  | 0.2  | 0.0  |
| 2.1  | 3.2 | 4.7  | 4.5 | 3.5  | 5.0  | 1.9  |
| 0.5  | 1.4 | 0.3  | 0.0 | 2.0  | 1.8  | 0.0  |
| 0.3  | 0.8 | 0.7  | 0.8 | 0.9  | 1.2  | 0.4  |
| 1.1  | 0.7 | 0.9  | 1.7 | 1.1  | 3.1  | 0.4  |

|     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|
| 0.2 | 1.0 | 0.3 | 0.6 | 0.3 | 0.0 | 0.0 |
| 0.3 | 0.6 | 2.1 | 1.1 | 0.8 | 1.2 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.7 | 2.1 | 1.1 | 2.5 | 1.4 | 1.8 | 0.7 |
| 0.3 | 0.7 | 1.0 | 0.8 | 1.6 | 0.9 | 1.2 |
| 0.1 | 0.1 | 0.3 | 0.2 | 0.1 | 0.3 | 0.3 |
| 0.5 | 0.2 | 0.7 | 1.0 | 0.2 | 0.9 | 0.0 |
| 5.5 | 6.4 | 5.2 | 7.2 | 6.9 | 6.2 | 3.8 |
| 0.3 | 0.7 | 1.4 | 1.0 | 0.8 | 1.2 | 0.3 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.1 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1.1 | 2.1 | 3.0 | 4.0 | 2.1 | 3.3 | 1.9 |
| 1.4 | 1.3 | 1.8 | 1.8 | 2.5 | 3.5 | 0.2 |
| 0.1 | 0.0 | 0.4 | 0.6 | 0.3 | 0.1 | 0.0 |
| 0.1 | 0.1 | 0.3 | 0.2 | 0.1 | 0.2 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.1 | 0.1 | 0.9 | 0.1 | 0.0 | 0.2 | 0.0 |
| 0.9 | 3.2 | 5.0 | 2.2 | 1.7 | 3.3 | 1.8 |
| 0.9 | 0.7 | 0.4 | 0.7 | 1.4 | 1.1 | 0.8 |
| 0.0 | 0.0 | 0.4 | 0.2 | 0.0 | 0.0 | 0.0 |
| 0.7 | 1.3 | 1.6 | 1.3 | 0.6 | 0.6 | 0.6 |
| 0.4 | 0.3 | 0.9 | 0.4 | 0.5 | 1.4 | 1.3 |
| 0.0 | 0.0 | 0.0 | 0.5 | 0.1 | 0.1 | 0.0 |
| 0.0 | 0.0 | 0.2 | 0.1 | 0.0 | 0.1 | 0.0 |
| 0.3 | 0.6 | 2.1 | 1.7 | 0.7 | 0.7 | 0.4 |
| 0.5 | 0.6 | 0.6 | 0.5 | 0.7 | 0.9 | 0.7 |
| 1.7 | 1.4 | 1.1 | 1.3 | 1.0 | 1.7 | 1.0 |
| 1.4 | 2.9 | 7.5 | 4.6 | 2.3 | 4.7 | 1.9 |
| 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.2 | 0.0 |
| 0.1 | 0.4 | 0.8 | 0.4 | 0.4 | 0.9 | 0.0 |
| 0.0 | 0.1 | 0.3 | 0.4 | 0.0 | 0.0 | 0.0 |
| 0.2 | 0.1 | 0.3 | 0.4 | 0.0 | 0.1 | 0.0 |
| 0.0 | 0.1 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 |
| 0.1 | 0.0 | 0.2 | 0.2 | 0.3 | 0.0 | 0.0 |
| 0.1 | 0.1 | 1.0 | 0.4 | 0.1 | 0.0 | 0.0 |
| 0.1 | 0.2 | 0.1 | 0.4 | 0.3 | 0.4 | 0.0 |
| 0.0 | 0.1 | 0.1 | 0.2 | 0.1 | 0.3 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 |
| 0.2 | 0.2 | 0.2 | 0.1 | 0.0 | 0.2 | 0.0 |
| 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.0 | 0.0 |
| 0.1 | 0.0 | 0.2 | 0.2 | 0.5 | 0.0 | 0.0 |
| 0.0 | 0.1 | 0.2 | 0.0 | 0.1 | 0.0 | 0.1 |
| 0.7 | 1.4 | 1.3 | 2.1 | 1.8 | 1.9 | 1.7 |

|      |     |      |      |      |      |     |
|------|-----|------|------|------|------|-----|
| 0.4  | 0.3 | 1.1  | 0.8  | 0.7  | 0.7  | 1.0 |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.1 | 0.0  | 0.2  | 0.0  | 0.1  | 0.0 |
| 0.2  | 0.3 | 0.3  | 0.1  | 0.2  | 0.0  | 0.0 |
| 0.0  | 0.0 | 0.1  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0 | 0.0  | 0.1  | 0.2  | 0.1  | 0.0 |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.2 | 0.0  | 0.3  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 1.3  | 1.0 | 1.5  | 1.7  | 1.5  | 1.9  | 2.7 |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.2  | 0.0 |
| 0.0  | 0.0 | 0.0  | 0.1  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.1 | 0.3  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.9  | 0.9 | 0.6  | 0.2  | 1.6  | 0.4  | 0.7 |
| 0.0  | 0.0 | 0.0  | 0.1  | 0.0  | 0.1  | 0.0 |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.2  | 0.0 |
| 0.0  | 0.0 | 0.2  | 0.1  | 0.1  | 0.0  | 0.0 |
| 0.1  | 0.0 | 0.1  | 0.1  | 0.0  | 0.1  | 0.0 |
| 0.0  | 0.1 | 0.1  | 0.1  | 0.1  | 0.0  | 0.0 |
| 0.3  | 0.5 | 1.3  | 0.6  | 0.5  | 0.6  | 0.2 |
| 0.0  | 0.0 | 0.1  | 0.1  | 0.2  | 0.1  | 0.0 |
| 0.1  | 0.0 | 0.0  | 0.1  | 0.1  | 0.1  | 0.0 |
| 0.0  | 0.0 | 0.4  | 0.2  | 0.2  | 0.3  | 0.0 |
| 0.3  | 0.2 | 0.3  | 0.1  | 0.2  | 0.3  | 0.1 |
| 1.0  | 1.0 | 1.1  | 1.6  | 1.8  | 1.7  | 1.5 |
| 0.3  | 0.1 | 2.0  | 1.8  | 0.2  | 1.1  | 0.3 |
| 0.4  | 0.4 | 0.2  | 0.5  | 0.5  | 0.0  | 0.0 |
| 0.0  | 0.1 | 0.7  | 0.1  | 0.0  | 0.1  | 0.0 |
| 0.1  | 0.0 | 1.1  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.1  | 0.0 | 0.2  | 0.1  | 0.1  | 0.1  | 0.0 |
| 3.3  | 4.1 | 4.3  | 6.0  | 3.0  | 4.4  | 0.0 |
| 0.0  | 0.1 | 0.5  | 0.4  | 0.0  | 0.0  | 0.0 |
| 0.9  | 2.0 | 3.3  | 2.9  | 2.7  | 3.4  | 2.4 |
| 11.6 | 9.2 | 11.2 | 11.5 | 17.0 | 12.6 | 7.5 |
| 0.4  | 0.1 | 0.1  | 0.4  | 0.3  | 0.5  | 0.3 |
| 0.2  | 0.2 | 0.1  | 0.6  | 0.6  | 0.3  | 0.0 |
| 0.0  | 0.1 | 0.0  | 0.1  | 0.2  | 0.1  | 0.0 |
| 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0 | 0.0  | 0.1  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0 | 0.2  | 0.2  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.1 | 0.0  | 0.0  | 0.1  | 0.0  | 0.0 |
| 1.3  | 1.8 | 1.9  | 2.8  | 1.6  | 3.3  | 5.4 |
| 0.8  | 1.4 | 1.6  | 1.3  | 1.1  | 1.9  | 0.9 |
| 0.0  | 0.0 | 0.2  | 0.1  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0 | 0.0  | 0.1  | 0.0  | 0.2  | 0.0 |

|     |     |     |     |     |      |     |
|-----|-----|-----|-----|-----|------|-----|
| 1.1 | 0.5 | 0.9 | 0.7 | 0.9 | 1.6  | 1.8 |
| 0.4 | 0.5 | 0.5 | 0.5 | 0.4 | 0.7  | 0.0 |
| 0.5 | 0.5 | 4.4 | 3.2 | 1.5 | 1.1  | 0.0 |
| 0.2 | 0.1 | 0.3 | 0.2 | 0.0 | 0.2  | 0.0 |
| 0.1 | 0.2 | 0.4 | 0.1 | 0.2 | 0.0  | 0.0 |
| 0.2 | 0.4 | 0.0 | 0.4 | 0.4 | 1.7  | 0.0 |
| 0.5 | 0.7 | 1.0 | 0.6 | 0.5 | 0.9  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.3 | 0.1 | 0.1 | 0.5 | 0.1 | 0.1  | 0.0 |
| 0.2 | 0.4 | 0.2 | 0.5 | 0.3 | 0.2  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.3 | 0.0 | 0.1  | 0.0 |
| 0.1 | 0.1 | 0.2 | 0.3 | 0.4 | 0.2  | 0.0 |
| 0.0 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1  | 0.0 |
| 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3  | 0.1 |
| 0.6 | 1.0 | 0.3 | 1.0 | 1.0 | 1.2  | 0.4 |
| 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.9  | 0.0 |
| 0.5 | 0.3 | 0.5 | 0.1 | 0.5 | 0.2  | 0.5 |
| 0.6 | 0.1 | 0.8 | 0.5 | 0.5 | 0.4  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.1 | 0.1 | 0.5 | 0.2 | 0.2 | 0.6  | 0.0 |
| 0.2 | 0.4 | 1.1 | 0.7 | 0.5 | 0.7  | 0.0 |
| 0.0 | 0.3 | 0.5 | 0.9 | 0.2 | 0.5  | 0.0 |
| 1.7 | 2.1 | 3.1 | 3.3 | 1.5 | 2.2  | 2.4 |
| 4.0 | 4.0 | 4.9 | 4.8 | 4.8 | 6.5  | 4.4 |
| 0.1 | 0.1 | 0.4 | 0.2 | 0.5 | 0.2  | 0.0 |
| 0.2 | 0.2 | 0.2 | 0.4 | 0.2 | 0.4  | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.3 | 0.1 | 0.1  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 0.7 | 1.3 | 2.1 | 1.8 | 1.5 | 2.6  | 0.7 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| 1.4 | 0.6 | 3.3 | 3.8 | 0.3 | 1.0  | 0.0 |
| 0.3 | 0.8 | 0.8 | 0.4 | 0.7 | 0.3  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.3 | 0.3 | 0.0  | 0.0 |
| 3.5 | 4.8 | 7.5 | 8.1 | 5.3 | 10.9 | 4.1 |
| 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.0  | 0.0 |
| 0.1 | 0.0 | 0.1 | 0.1 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.1 | 0.1 | 0.3 | 0.0 | 0.2  | 0.0 |
| 0.3 | 0.1 | 0.1 | 0.7 | 0.0 | 0.2  | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0  | 0.0 |
| 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0  | 0.0 |
| 2.7 | 4.2 | 4.1 | 3.4 | 3.7 | 3.9  | 3.5 |
| 0.0 | 0.2 | 0.2 | 0.9 | 0.3 | 0.5  | 0.0 |
| 1.7 | 1.3 | 1.8 | 1.8 | 1.8 | 1.2  | 1.6 |
| 0.0 | 0.1 | 0.4 | 0.1 | 0.0 | 0.3  | 0.0 |
| 1.2 | 1.4 | 2.9 | 1.9 | 2.0 | 2.6  | 0.8 |

|     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.4 | 0.7 | 0.0 | 0.0 | 0.0 |
| 0.5 | 1.1 | 0.2 | 1.3 | 1.2 | 1.3 | 3.1 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.3 | 0.4 | 0.1 | 0.3 | 0.3 | 0.5 | 0.0 |
| 0.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 1.4 | 2.4 | 0.9 | 0.7 | 0.0 |
| 0.3 | 0.6 | 0.3 | 0.3 | 0.1 | 0.6 | 0.0 |
| 0.0 | 0.3 | 0.3 | 0.4 | 0.0 | 0.6 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.2 | 0.3 | 0.2 | 0.1 | 0.0 | 0.1 | 0.1 |
| 0.1 | 0.1 | 0.3 | 0.1 | 0.0 | 0.3 | 0.0 |
| 0.1 | 0.0 | 0.0 | 0.2 | 0.1 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.5 | 1.0 | 0.3 | 1.2 | 0.6 | 0.9 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.2 | 0.3 | 0.5 | 0.5 | 0.3 | 0.5 | 0.3 |
| 0.2 | 0.6 | 0.4 | 0.8 | 0.5 | 0.6 | 0.0 |
| 0.2 | 0.2 | 0.5 | 0.9 | 0.1 | 0.3 | 0.0 |
| 1.0 | 1.5 | 2.3 | 2.0 | 2.0 | 1.7 | 1.2 |
| 0.1 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 |
| 0.3 | 0.7 | 1.6 | 1.0 | 0.5 | 1.1 | 0.1 |
| 0.1 | 0.2 | 0.2 | 0.4 | 0.3 | 0.2 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.0 | 0.2 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.1 | 0.1 | 0.4 | 0.0 | 0.0 | 0.1 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.3 | 0.6 | 0.6 | 0.0 | 0.2 | 0.0 | 0.0 |
| 1.0 | 0.8 | 2.0 | 1.5 | 1.4 | 0.5 | 1.6 |
| 0.8 | 0.1 | 0.2 | 0.0 | 0.0 | 0.2 | 0.0 |
| 0.4 | 0.4 | 0.0 | 0.2 | 0.5 | 0.8 | 0.0 |
| 1.7 | 1.6 | 2.4 | 2.4 | 1.8 | 1.4 | 1.0 |
| 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 |
| 0.5 | 0.5 | 0.6 | 0.6 | 0.5 | 0.7 | 0.5 |
| 0.4 | 0.4 | 0.8 | 0.7 | 0.4 | 0.8 | 0.4 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.6 | 0.7 | 1.0 | 1.2 | 1.1 | 1.9 | 1.1 |
| 0.2 | 0.6 | 0.8 | 0.8 | 0.4 | 0.8 | 0.4 |
| 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.2 | 0.2 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



|     |      |     |     |      |      |      |
|-----|------|-----|-----|------|------|------|
| 0.4 | 0.8  | 0.5 | 1.0 | 1.4  | 0.6  | 0.0  |
| 0.2 | 0.3  | 0.5 | 0.4 | 0.2  | 0.2  | 0.0  |
| 0.3 | 0.8  | 1.2 | 1.5 | 0.6  | 1.1  | 0.2  |
| 0.0 | 0.0  | 0.0 | 0.1 | 0.0  | 0.0  | 0.0  |
| 0.1 | 0.5  | 0.2 | 0.8 | 0.0  | 0.8  | 0.0  |
| 0.5 | 0.4  | 0.4 | 0.1 | 0.6  | 0.4  | 0.0  |
| 0.1 | 0.2  | 0.4 | 0.5 | 0.2  | 0.2  | 0.0  |
| 0.0 | 0.1  | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  |
| 1.3 | 1.6  | 3.4 | 3.5 | 1.4  | 1.6  | 3.8  |
| 0.0 | 0.2  | 0.0 | 0.2 | 0.0  | 0.0  | 0.0  |
| 0.7 | 0.3  | 0.1 | 0.9 | 0.0  | 0.3  | 1.8  |
| 0.0 | 0.0  | 0.1 | 0.3 | 0.1  | 0.5  | 0.0  |
| 0.0 | 0.0  | 0.3 | 0.1 | 0.0  | 0.0  | 0.0  |
| 0.0 | 0.3  | 2.0 | 1.2 | 0.6  | 0.4  | 0.0  |
| 0.1 | 0.2  | 0.8 | 0.7 | 0.1  | 0.5  | 1.2  |
| 0.4 | 0.5  | 0.6 | 0.6 | 0.5  | 0.9  | 0.5  |
| 0.4 | 0.1  | 1.3 | 0.2 | 0.1  | 0.5  | 0.0  |
| 0.0 | 0.0  | 0.0 | 0.0 | 0.1  | 0.5  | 0.0  |
| 2.1 | 1.1  | 3.2 | 4.4 | 4.3  | 1.5  | 5.0  |
| 1.9 | 2.3  | 0.7 | 1.7 | 2.0  | 1.8  | 1.7  |
| 0.3 | 0.1  | 0.4 | 0.5 | 0.1  | 0.1  | 0.0  |
| 0.1 | 0.0  | 0.0 | 0.3 | 0.0  | 0.0  | 0.0  |
| 1.1 | 2.2  | 4.1 | 4.4 | 2.0  | 3.6  | 0.3  |
| 0.0 | 0.2  | 0.1 | 0.2 | 0.1  | 0.0  | 0.0  |
| 0.3 | 0.5  | 0.7 | 0.5 | 0.3  | 0.1  | 0.8  |
| 0.7 | 0.3  | 0.5 | 0.6 | 0.9  | 0.7  | 0.1  |
| 0.3 | 0.5  | 0.5 | 0.3 | 0.8  | 0.6  | 0.0  |
| 0.5 | 0.5  | 0.5 | 0.5 | 0.7  | 0.4  | 0.5  |
| 0.0 | 0.0  | 0.0 | 0.1 | 0.0  | 0.0  | 0.0  |
| 4.8 | 5.0  | 3.8 | 4.8 | 8.6  | 5.5  | 4.4  |
| 8.4 | 11.8 | 9.8 | 9.2 | 14.1 | 15.8 | 15.8 |
| 2.0 | 1.9  | 1.1 | 1.5 | 1.5  | 1.5  | 2.1  |
| 1.7 | 1.4  | 3.3 | 2.8 | 1.9  | 2.5  | 4.8  |
| 0.2 | 0.1  | 0.0 | 0.0 | 0.1  | 0.0  | 0.0  |
| 1.1 | 0.8  | 0.6 | 1.1 | 0.1  | 0.8  | 1.2  |
| 0.0 | 0.0  | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  |
| 1.8 | 2.2  | 2.2 | 2.4 | 2.3  | 3.2  | 2.9  |
| 1.7 | 2.6  | 2.2 | 2.4 | 2.5  | 2.6  | 1.6  |
| 0.5 | 1.0  | 1.5 | 1.2 | 1.2  | 0.6  | 0.3  |
| 0.2 | 0.5  | 2.4 | 2.6 | 1.3  | 0.3  | 0.0  |
| 0.7 | 0.8  | 0.8 | 0.3 | 0.5  | 1.0  | 0.0  |
| 1.1 | 0.7  | 1.6 | 1.3 | 1.3  | 0.8  | 1.8  |
| 0.6 | 1.0  | 0.4 | 0.5 | 0.8  | 0.5  | 0.0  |
| 0.7 | 0.5  | 1.4 | 0.4 | 0.6  | 0.7  | 0.0  |
| 0.2 | 0.9  | 1.0 | 0.0 | 0.6  | 1.5  | 0.0  |
| 0.7 | 0.4  | 1.2 | 0.8 | 0.8  | 0.7  | 0.4  |
| 0.5 | 1.3  | 3.1 | 2.4 | 1.2  | 2.4  | 0.9  |

|     |      |     |     |     |      |      |
|-----|------|-----|-----|-----|------|------|
| 2.4 | 3.2  | 2.5 | 2.9 | 4.6 | 2.3  | 2.3  |
| 0.0 | 0.0  | 0.2 | 0.1 | 0.1 | 0.1  | 0.0  |
| 0.0 | 0.0  | 0.1 | 0.1 | 0.0 | 0.0  | 0.0  |
| 0.0 | 0.3  | 0.7 | 0.3 | 0.2 | 0.1  | 0.0  |
| 7.3 | 13.3 | 4.7 | 3.7 | 6.8 | 14.7 | 12.4 |
| 0.1 | 0.1  | 0.2 | 0.3 | 0.1 | 0.0  | 0.2  |
| 2.0 | 0.6  | 1.9 | 0.4 | 1.1 | 2.3  | 0.0  |
| 0.1 | 0.2  | 0.3 | 0.2 | 0.0 | 0.1  | 0.0  |
| 0.0 | 0.0  | 0.0 | 0.1 | 0.1 | 0.1  | 0.0  |
| 0.0 | 0.0  | 0.4 | 0.4 | 0.1 | 0.2  | 0.0  |
| 3.3 | 4.4  | 4.7 | 4.9 | 4.4 | 6.3  | 9.4  |
| 0.1 | 0.2  | 0.2 | 0.5 | 0.1 | 0.5  | 0.8  |
| 0.0 | 0.0  | 0.0 | 0.2 | 0.0 | 0.0  | 0.0  |
| 1.1 | 0.7  | 1.7 | 1.1 | 1.3 | 1.0  | 1.7  |
| 0.2 | 0.4  | 0.3 | 0.4 | 0.3 | 0.4  | 0.3  |
| 0.0 | 0.0  | 0.1 | 0.3 | 0.0 | 0.2  | 0.0  |
| 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 0.1 | 0.0  | 0.1 | 0.0 | 0.0 | 0.1  | 0.0  |
| 0.1 | 0.0  | 0.1 | 0.0 | 0.0 | 0.5  | 0.0  |
| 0.0 | 0.0  | 0.0 | 0.1 | 0.0 | 0.0  | 0.0  |
| 0.0 | 0.0  | 0.2 | 0.0 | 0.0 | 0.0  | 0.0  |
| 0.2 | 0.4  | 0.6 | 0.6 | 0.3 | 0.3  | 0.0  |
| 0.0 | 0.1  | 0.3 | 0.0 | 0.0 | 0.1  | 0.0  |
| 0.6 | 2.2  | 3.8 | 4.3 | 1.7 | 3.3  | 0.2  |
| 0.0 | 0.0  | 0.2 | 0.1 | 0.0 | 0.0  | 0.0  |
| 0.2 | 0.0  | 0.3 | 0.0 | 0.0 | 0.1  | 0.0  |
| 0.0 | 0.0  | 0.2 | 0.0 | 0.0 | 0.1  | 0.0  |
| 0.0 | 0.2  | 0.2 | 0.2 | 0.1 | 0.2  | 0.5  |
| 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 0.0 | 0.0  | 0.2 | 0.0 | 0.0 | 0.0  | 0.0  |
| 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.6  | 0.0  |
| 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 1.4 | 1.1  | 5.2 | 1.4 | 2.1 | 1.6  | 0.0  |
| 0.0 | 0.0  | 0.1 | 0.1 | 0.0 | 0.0  | 0.0  |
| 4.4 | 6.0  | 6.6 | 5.6 | 7.0 | 6.9  | 5.5  |
| 4.0 | 3.1  | 5.9 | 4.4 | 9.9 | 8.1  | 0.0  |
| 0.1 | 0.3  | 0.1 | 0.2 | 0.1 | 0.2  | 0.0  |
| 0.0 | 0.2  | 0.8 | 0.5 | 0.2 | 0.3  | 0.6  |
| 0.3 | 0.6  | 0.6 | 0.7 | 1.0 | 0.7  | 0.1  |
| 1.0 | 1.9  | 3.5 | 2.9 | 1.8 | 2.9  | 0.6  |
| 0.0 | 0.0  | 0.2 | 0.2 | 0.0 | 0.0  | 0.0  |
| 0.4 | 0.3  | 0.8 | 0.5 | 0.7 | 0.5  | 0.5  |
| 0.0 | 0.0  | 0.4 | 0.2 | 0.0 | 0.1  | 0.0  |
| 0.2 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 2.8 | 5.5  | 7.0 | 5.2 | 3.8 | 5.0  | 3.3  |
| 0.1 | 0.1  | 0.3 | 0.0 | 0.3 | 0.0  | 0.0  |
| 0.0 | 0.0  | 0.2 | 0.0 | 0.1 | 0.1  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 1.4  | 1.3  | 0.8  | 1.3  | 1.7  | 1.6  | 0.6  |
| 0.1  | 0.1  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.3  | 1.2  | 0.7  | 0.7  | 0.0  | 0.0  |
| 18.5 | 13.6 | 10.1 | 20.5 | 24.2 | 13.0 | 29.8 |
| 13.9 | 14.8 | 15.3 | 18.6 | 12.3 | 9.6  | 33.9 |
| 0.7  | 0.8  | 0.4  | 0.5  | 1.0  | 1.1  | 0.2  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.4  | 0.4  | 1.4  | 0.4  | 0.7  | 0.6  | 0.5  |
| 0.1  | 0.0  | 0.4  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.3  | 0.2  | 0.1  | 0.3  | 0.4  | 0.0  | 0.0  |
| 0.0  | 0.3  | 0.5  | 0.5  | 0.3  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.3  | 0.0  | 0.9  | 0.0  |
| 0.2  | 0.0  | 0.1  | 0.0  | 0.0  | 0.3  | 0.0  |
| 0.3  | 0.8  | 1.0  | 1.0  | 1.2  | 1.0  | 0.0  |
| 0.1  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.5  | 0.3  | 0.6  | 0.6  | 0.7  | 0.6  | 0.4  |
| 6.3  | 6.8  | 5.5  | 6.6  | 7.6  | 10.2 | 6.6  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.3  | 0.0  |
| 0.1  | 0.1  | 0.4  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.4  | 0.5  | 0.2  | 0.4  | 0.0  |
| 2.1  | 2.8  | 3.2  | 3.1  | 2.8  | 3.9  | 2.0  |
| 0.1  | 0.0  | 0.3  | 0.1  | 0.0  | 0.2  | 0.0  |
| 2.1  | 1.7  | 1.0  | 1.2  | 0.9  | 1.7  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.5  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.0  | 0.1  | 0.3  | 0.0  |
| 0.0  | 0.2  | 0.3  | 0.0  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.5  | 0.0  | 0.1  | 0.0  |
| 1.2  | 1.0  | 1.1  | 1.4  | 1.7  | 1.7  | 0.4  |
| 0.1  | 0.3  | 0.5  | 0.2  | 0.1  | 0.8  | 1.3  |
| 1.3  | 1.7  | 1.8  | 1.7  | 1.9  | 1.6  | 1.2  |
| 0.4  | 0.3  | 0.7  | 0.4  | 0.4  | 0.8  | 0.0  |
| 10.1 | 11.3 | 13.6 | 18.3 | 13.1 | 12.2 | 11.2 |
| 0.0  | 0.1  | 0.7  | 0.1  | 0.1  | 0.2  | 0.0  |
| 0.3  | 0.3  | 0.2  | 0.3  | 0.2  | 0.3  | 0.1  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.2  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.0  | 1.5  | 0.2  | 1.2  | 0.0  | 0.0  |

|     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|
| 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.1 | 0.0 |
| 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.2 | 0.3 | 0.0 | 0.1 | 0.4 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.6 | 0.2 | 0.0 | 0.2 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.2 | 0.0 |
| 0.0 | 0.0 | 0.3 | 0.2 | 0.1 | 0.1 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.8 | 0.6 | 1.2 | 0.0 | 0.2 | 0.7 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.1 | 0.2 | 0.4 | 0.3 | 0.2 | 0.7 | 0.4 |
| 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.3 | 0.3 | 0.1 | 0.0 | 1.1 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.3 | 0.0 |
| 0.7 | 1.4 | 3.0 | 2.7 | 1.0 | 2.5 | 0.4 |
| 0.1 | 0.2 | 0.4 | 1.2 | 0.6 | 0.3 | 0.0 |
| 1.1 | 2.7 | 3.1 | 3.9 | 2.6 | 5.2 | 0.0 |
| 0.1 | 0.6 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.2 | 0.1 | 0.1 | 0.3 | 0.0 |
| 0.3 | 0.8 | 1.1 | 1.4 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.2 | 0.1 | 0.2 | 0.0 |
| 0.1 | 0.2 | 0.6 | 0.5 | 0.3 | 0.5 | 0.0 |
| 0.1 | 0.0 | 0.0 | 0.1 | 0.2 | 0.1 | 0.0 |
| 0.1 | 0.1 | 0.4 | 0.1 | 0.2 | 0.2 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.1 | 0.0 | 0.3 | 0.1 | 0.2 | 0.1 | 0.0 |
| 0.0 | 0.1 | 0.1 | 0.0 | 0.1 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.2 | 0.1 | 0.0 | 0.1 | 1.4 | 0.2 | 0.0 |
| 0.2 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 |
| 0.8 | 0.3 | 1.2 | 1.5 | 1.0 | 0.2 | 0.5 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 |
| 3.0 | 4.3 | 2.8 | 1.9 | 2.8 | 0.7 | 4.8 |
| 2.2 | 0.7 | 2.2 | 1.7 | 1.2 | 1.6 | 0.8 |
| 0.5 | 1.8 | 1.4 | 2.6 | 1.2 | 1.4 | 0.2 |
| 0.4 | 0.1 | 0.5 | 0.2 | 0.4 | 1.5 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.1 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.2 | 0.0 | 0.0 | 0.0 | 0.4 | 0.3 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.3 | 0.1 | 0.0 | 0.4 | 0.0 |
| 0.1 | 0.2 | 0.0 | 0.0 | 0.0 | 0.4 | 0.0 |

|     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|
| 1.6 | 1.1 | 2.0 | 1.3 | 1.3 | 1.6 | 2.9 |
| 0.1 | 0.2 | 0.0 | 0.3 | 0.2 | 0.2 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1.0 | 1.6 | 3.7 | 3.6 | 1.9 | 4.6 | 0.6 |
| 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.1 | 0.2 | 0.1 | 0.2 | 0.2 | 0.0 |
| 0.1 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 |
| 0.5 | 2.0 | 6.8 | 3.9 | 1.5 | 4.5 | 0.0 |
| 0.0 | 2.0 | 4.4 | 6.5 | 1.2 | 3.6 | 2.3 |
| 1.3 | 1.5 | 4.2 | 3.9 | 1.5 | 2.6 | 0.5 |
| 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 |
| 0.0 | 0.1 | 0.1 | 0.2 | 0.1 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.6 | 1.4 | 2.3 | 2.3 | 1.6 | 2.0 | 1.1 |
| 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.1 | 0.6 | 0.5 | 0.4 | 0.0 | 0.4 | 0.0 |
| 0.4 | 0.4 | 0.7 | 0.6 | 0.8 | 0.3 | 0.1 |
| 2.8 | 2.6 | 3.3 | 2.8 | 3.4 | 3.8 | 3.0 |
| 0.3 | 0.4 | 0.5 | 0.6 | 0.5 | 0.9 | 0.0 |
| 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.0 |
| 0.1 | 0.2 | 0.1 | 0.1 | 0.0 | 0.3 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.8 | 1.6 | 2.8 | 2.1 | 1.7 | 3.0 | 0.1 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.1 | 0.3 | 0.8 | 0.6 | 0.1 | 0.0 | 0.1 |
| 0.1 | 0.1 | 0.7 | 0.6 | 0.1 | 0.0 | 0.0 |
| 1.2 | 4.0 | 7.8 | 5.3 | 2.7 | 6.9 | 1.3 |
| 1.8 | 2.8 | 3.5 | 3.1 | 2.8 | 4.2 | 2.5 |
| 0.8 | 1.3 | 1.5 | 1.1 | 0.8 | 1.4 | 0.7 |
| 0.7 | 0.2 | 0.2 | 0.8 | 0.5 | 2.4 | 0.0 |
| 0.1 | 0.0 | 0.6 | 0.0 | 0.1 | 0.1 | 0.0 |
| 0.2 | 0.5 | 0.3 | 0.4 | 0.7 | 0.1 | 0.0 |
| 0.5 | 0.3 | 0.3 | 0.6 | 0.7 | 0.9 | 0.0 |
| 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.4 | 0.3 | 0.7 | 1.0 | 0.0 | 0.0 |
| 1.0 | 0.7 | 0.0 | 0.5 | 0.5 | 1.2 | 0.0 |
| 0.5 | 0.5 | 0.3 | 0.2 | 0.6 | 1.3 | 0.7 |
| 0.9 | 0.2 | 0.0 | 0.0 | 0.4 | 0.1 | 1.1 |
| 0.4 | 0.1 | 0.6 | 1.4 | 0.7 | 0.2 | 0.0 |
| 2.0 | 2.6 | 6.2 | 7.5 | 2.9 | 6.1 | 0.0 |
| 0.8 | 1.2 | 1.0 | 1.2 | 1.1 | 1.2 | 1.6 |
| 0.0 | 0.0 | 0.0 | 0.1 | 0.6 | 0.0 | 0.0 |
| 0.0 | 0.1 | 0.2 | 0.2 | 0.1 | 0.2 | 0.0 |
| 0.4 | 0.9 | 2.5 | 2.1 | 0.8 | 1.9 | 0.0 |

|     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|
| 0.4 | 0.7 | 0.5 | 0.6 | 0.9 | 0.7 | 1.1 |
| 0.9 | 1.0 | 1.4 | 1.8 | 0.9 | 1.4 | 0.6 |
| 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 |
| 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.1 | 0.6 | 0.3 | 0.5 | 0.0 | 0.0 |
| 0.6 | 0.4 | 0.8 | 0.6 | 0.7 | 0.3 | 0.0 |
| 0.2 | 0.3 | 0.3 | 0.5 | 0.4 | 0.1 | 0.1 |
| 0.0 | 0.0 | 0.3 | 0.5 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.8 | 1.0 | 1.3 | 1.0 | 1.4 | 1.2 | 0.4 |
| 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.1 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.1 | 0.0 |
| 0.2 | 0.2 | 0.8 | 0.8 | 0.1 | 0.4 | 0.0 |
| 0.1 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.5 | 0.2 | 0.2 | 0.1 | 0.4 | 0.3 | 0.0 |
| 0.5 | 0.4 | 0.9 | 1.0 | 1.3 | 1.4 | 1.1 |
| 0.0 | 0.1 | 0.1 | 0.1 | 0.4 | 0.0 | 0.4 |
| 0.2 | 0.3 | 0.4 | 1.3 | 0.3 | 0.0 | 0.0 |
| 0.4 | 0.1 | 1.4 | 0.4 | 1.0 | 0.9 | 0.2 |
| 0.3 | 1.1 | 1.0 | 0.8 | 1.0 | 1.5 | 0.3 |
| 0.2 | 0.2 | 0.3 | 0.1 | 0.1 | 0.2 | 0.0 |
| 0.1 | 0.2 | 0.1 | 0.3 | 0.1 | 1.4 | 1.7 |
| 0.2 | 0.2 | 0.2 | 0.0 | 0.5 | 0.3 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.3 | 0.3 | 0.3 | 0.6 | 0.5 | 0.5 | 0.0 |
| 2.6 | 2.7 | 4.6 | 4.6 | 4.4 | 2.4 | 3.6 |
| 0.3 | 0.5 | 0.9 | 0.8 | 0.3 | 0.7 | 0.0 |
| 0.1 | 0.2 | 0.4 | 0.3 | 0.2 | 0.3 | 0.3 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.1 | 0.0 |
| 0.0 | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.2 | 0.2 | 0.2 | 0.2 | 0.7 | 1.1 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.2 | 0.0 |
| 0.0 | 0.0 | 0.5 | 0.6 | 0.1 | 0.3 | 0.0 |
| 0.4 | 0.4 | 0.5 | 1.6 | 0.4 | 0.7 | 1.3 |
| 0.3 | 0.3 | 0.6 | 1.0 | 0.7 | 0.3 | 0.0 |
| 0.0 | 0.1 | 0.3 | 0.0 | 0.0 | 0.2 | 0.8 |
| 0.5 | 0.2 | 0.5 | 1.2 | 0.2 | 0.6 | 3.7 |
| 0.0 | 0.0 | 0.1 | 0.2 | 0.0 | 0.1 | 0.0 |
| 0.1 | 0.1 | 0.4 | 0.3 | 0.3 | 0.0 | 0.0 |
| 0.4 | 0.2 | 0.3 | 0.3 | 0.3 | 0.1 | 0.0 |

|     |     |      |     |      |      |      |
|-----|-----|------|-----|------|------|------|
| 2.3 | 5.3 | 9.2  | 7.3 | 5.6  | 6.8  | 4.0  |
| 4.8 | 8.9 | 7.1  | 6.7 | 9.2  | 9.4  | 11.5 |
| 0.4 | 1.2 | 2.2  | 1.8 | 1.0  | 2.1  | 0.9  |
| 2.0 | 2.5 | 2.9  | 3.2 | 3.3  | 3.3  | 2.1  |
| 0.0 | 0.0 | 0.1  | 0.1 | 0.0  | 0.3  | 0.0  |
| 0.1 | 0.2 | 0.2  | 0.4 | 0.0  | 0.3  | 0.2  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  |
| 0.0 | 0.1 | 0.2  | 0.2 | 0.1  | 0.1  | 0.0  |
| 0.8 | 0.9 | 0.9  | 0.6 | 0.9  | 1.6  | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  |
| 0.1 | 0.1 | 0.0  | 0.3 | 0.3  | 0.7  | 0.0  |
| 0.0 | 0.1 | 0.4  | 0.1 | 0.3  | 0.0  | 0.0  |
| 0.3 | 1.1 | 3.2  | 1.9 | 1.3  | 0.7  | 0.0  |
| 0.2 | 0.5 | 2.2  | 1.4 | 0.4  | 0.9  | 0.0  |
| 0.6 | 1.0 | 2.8  | 1.8 | 1.0  | 1.4  | 0.0  |
| 0.3 | 0.3 | 0.4  | 0.4 | 0.4  | 0.2  | 0.2  |
| 1.1 | 2.2 | 4.5  | 4.9 | 1.9  | 4.4  | 0.4  |
| 0.1 | 0.1 | 0.2  | 0.1 | 0.1  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.1  | 0.0 | 0.0  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  |
| 0.0 | 0.1 | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  |
| 0.1 | 0.3 | 0.3  | 0.3 | 0.1  | 0.1  | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.8 | 0.0  | 0.0  | 0.0  |
| 0.1 | 0.0 | 0.0  | 0.1 | 0.0  | 0.1  | 0.0  |
| 0.0 | 0.0 | 0.2  | 0.1 | 0.1  | 0.0  | 0.0  |
| 0.6 | 2.0 | 2.4  | 2.3 | 1.2  | 2.2  | 0.6  |
| 0.0 | 0.0 | 0.2  | 0.3 | 0.0  | 0.8  | 0.0  |
| 0.4 | 0.8 | 1.3  | 1.2 | 0.6  | 1.3  | 0.0  |
| 3.2 | 1.3 | 3.1  | 3.3 | 4.7  | 1.9  | 1.6  |
| 2.1 | 1.5 | 2.8  | 3.4 | 4.7  | 4.1  | 1.4  |
| 0.0 | 0.0 | 0.3  | 0.0 | 0.0  | 0.0  | 0.0  |
| 6.1 | 9.2 | 10.8 | 8.3 | 10.3 | 10.7 | 11.3 |
| 1.4 | 2.1 | 3.8  | 2.4 | 1.4  | 2.7  | 1.0  |
| 0.1 | 0.1 | 0.2  | 0.6 | 0.0  | 1.3  | 0.0  |
| 0.2 | 0.2 | 0.2  | 0.4 | 0.3  | 0.1  | 0.0  |
| 0.1 | 0.0 | 0.3  | 0.1 | 0.3  | 0.7  | 0.0  |
| 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.6  | 0.0  |
| 0.1 | 0.2 | 0.8  | 0.6 | 0.2  | 0.6  | 0.0  |
| 0.1 | 0.0 | 0.3  | 0.2 | 0.0  | 0.1  | 0.0  |
| 0.2 | 0.3 | 0.4  | 0.1 | 0.5  | 0.1  | 0.0  |
| 0.5 | 0.6 | 0.6  | 0.9 | 0.5  | 0.8  | 0.0  |
| 0.2 | 0.5 | 1.9  | 1.3 | 0.4  | 1.0  | 0.0  |
| 1.4 | 1.5 | 1.8  | 1.4 | 1.0  | 2.5  | 2.6  |
| 0.3 | 0.3 | 0.8  | 0.9 | 0.3  | 0.0  | 0.0  |
| 1.4 | 1.7 | 3.9  | 1.5 | 2.7  | 3.8  | 2.7  |
| 0.5 | 0.7 | 3.0  | 2.7 | 1.3  | 0.8  | 2.3  |

|      |      |       |       |      |      |     |
|------|------|-------|-------|------|------|-----|
| 0.6  | 0.3  | 1.9   | 4.8   | 1.1  | 1.7  | 0.0 |
| 0.3  | 0.7  | 1.6   | 2.3   | 1.0  | 0.9  | 0.3 |
| 0.2  | 0.4  | 1.0   | 1.7   | 0.3  | 1.3  | 0.0 |
| 1.0  | 0.3  | 1.3   | 0.4   | 3.6  | 0.3  | 0.0 |
| 0.0  | 0.0  | 0.1   | 0.2   | 0.0  | 0.0  | 0.0 |
| 0.1  | 0.1  | 0.0   | 0.0   | 0.3  | 0.0  | 0.0 |
| 0.2  | 0.3  | 0.4   | 0.6   | 0.0  | 0.4  | 0.0 |
| 0.2  | 0.2  | 0.1   | 0.3   | 0.1  | 1.2  | 0.0 |
| 0.1  | 0.0  | 0.0   | 0.2   | 0.0  | 0.0  | 0.0 |
| 19.4 | 32.7 | 109.2 | 123.7 | 43.1 | 47.6 | 5.6 |
| 0.2  | 0.2  | 0.3   | 0.3   | 0.3  | 0.0  | 0.0 |
| 4.0  | 5.0  | 2.8   | 2.4   | 5.2  | 4.7  | 4.2 |
| 0.0  | 0.0  | 0.0   | 0.5   | 0.8  | 0.0  | 0.0 |
| 0.0  | 0.6  | 0.0   | 0.0   | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.2  | 0.3   | 0.2   | 0.2  | 0.3  | 0.0 |
| 0.5  | 0.0  | 0.2   | 0.1   | 0.2  | 0.7  | 0.0 |
| 0.5  | 0.5  | 0.5   | 1.2   | 0.8  | 1.8  | 0.0 |
| 1.0  | 1.5  | 3.4   | 2.8   | 1.3  | 3.0  | 0.0 |
| 0.0  | 0.3  | 0.1   | 0.0   | 0.1  | 0.7  | 0.0 |
| 1.7  | 1.7  | 4.3   | 3.2   | 2.5  | 2.3  | 1.3 |
| 6.2  | 3.0  | 4.9   | 6.0   | 4.4  | 3.6  | 3.5 |
| 0.1  | 0.3  | 0.1   | 0.3   | 0.3  | 0.2  | 0.0 |
| 0.2  | 0.3  | 0.9   | 0.8   | 0.4  | 0.6  | 0.5 |
| 0.2  | 0.2  | 0.9   | 0.8   | 0.4  | 0.7  | 0.1 |
| 0.0  | 0.0  | 0.4   | 0.4   | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.3  | 0.3   | 0.3   | 0.4  | 0.5  | 0.0 |
| 0.0  | 0.3  | 0.3   | 0.3   | 0.0  | 0.0  | 0.4 |
| 0.1  | 0.1  | 0.1   | 0.2   | 0.0  | 0.1  | 0.0 |
| 0.1  | 0.0  | 0.0   | 0.2   | 0.0  | 0.0  | 0.0 |
| 0.6  | 2.3  | 1.5   | 1.0   | 0.3  | 1.3  | 0.0 |
| 0.0  | 0.2  | 0.5   | 0.5   | 0.2  | 0.2  | 0.0 |
| 0.0  | 0.0  | 0.0   | 0.7   | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.1   | 0.0   | 0.0  | 0.0  | 0.0 |
| 0.1  | 0.1  | 0.2   | 0.0   | 0.2  | 0.2  | 0.0 |
| 0.0  | 0.0  | 0.4   | 0.3   | 0.1  | 0.1  | 0.0 |
| 1.1  | 1.6  | 1.7   | 1.7   | 1.9  | 1.8  | 1.3 |
| 0.0  | 0.1  | 0.3   | 0.0   | 0.5  | 0.2  | 0.0 |
| 0.1  | 0.5  | 1.1   | 0.4   | 0.2  | 0.2  | 0.0 |
| 0.0  | 0.0  | 0.0   | 0.0   | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.1   | 0.4   | 0.0  | 0.2  | 0.0 |
| 0.1  | 0.1  | 0.4   | 0.2   | 0.3  | 0.5  | 1.2 |
| 0.4  | 0.4  | 0.1   | 0.4   | 0.0  | 0.1  | 0.0 |
| 0.0  | 0.0  | 0.1   | 0.0   | 0.0  | 0.1  | 0.0 |
| 0.1  | 0.1  | 0.4   | 0.4   | 0.0  | 0.1  | 0.0 |
| 0.0  | 0.0  | 0.2   | 0.2   | 0.0  | 0.2  | 0.0 |
| 2.5  | 3.1  | 2.9   | 3.6   | 4.2  | 4.7  | 2.9 |
| 0.2  | 0.4  | 0.6   | 0.7   | 0.5  | 0.5  | 0.0 |



|     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|
| 1.4 | 4.8 | 7.5 | 7.8 | 3.7 | 6.9 | 2.5 |
| 0.0 | 0.0 | 0.2 | 0.1 | 0.0 | 0.1 | 0.0 |
| 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.2 | 0.2 | 0.1 | 0.0 |
| 0.0 | 0.1 | 0.3 | 0.1 | 0.2 | 0.1 | 0.0 |
| 0.2 | 0.8 | 0.7 | 0.6 | 0.5 | 0.0 | 0.0 |
| 1.6 | 1.5 | 1.2 | 1.4 | 0.8 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.3 | 0.1 | 0.1 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1.1 | 1.0 | 0.8 | 1.6 | 2.7 | 1.2 | 0.6 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.2 | 0.2 | 0.0 | 0.1 | 0.0 |
| 0.2 | 0.1 | 0.3 | 0.2 | 0.4 | 0.3 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.2 | 0.1 | 0.0 | 0.0 |
| 0.1 | 0.1 | 0.0 | 0.0 | 1.0 | 0.4 | 0.0 |
| 1.6 | 2.1 | 2.2 | 1.9 | 1.6 | 2.4 | 3.1 |
| 0.1 | 0.1 | 0.3 | 0.2 | 0.1 | 0.2 | 0.0 |
| 0.3 | 1.0 | 2.1 | 2.2 | 0.9 | 1.6 | 0.5 |
| 0.2 | 0.3 | 0.1 | 0.1 | 0.3 | 0.3 | 0.9 |
| 0.4 | 0.2 | 0.7 | 0.2 | 0.4 | 0.9 | 0.7 |
| 0.3 | 0.2 | 1.4 | 0.8 | 0.0 | 1.4 | 0.0 |
| 0.1 | 0.0 | 0.0 | 0.1 | 0.2 | 0.2 | 0.0 |
| 0.1 | 0.1 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1.4 | 1.1 | 1.4 | 1.2 | 2.2 | 1.2 | 0.6 |
| 0.0 | 0.2 | 0.4 | 0.3 | 0.4 | 0.0 | 0.0 |
| 0.0 | 0.4 | 0.2 | 0.1 | 0.3 | 0.0 | 0.0 |
| 2.6 | 2.9 | 3.8 | 2.7 | 4.5 | 2.1 | 6.3 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.2 | 0.8 | 0.9 | 1.7 | 0.8 | 0.5 | 0.5 |
| 0.0 | 0.0 | 0.0 | 0.4 | 0.3 | 0.0 | 0.0 |
| 0.0 | 0.1 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.4 | 0.0 | 0.1 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.0 | 0.2 | 0.0 | 0.0 |
| 0.2 | 0.2 | 0.1 | 0.4 | 0.2 | 0.3 | 0.0 |
| 0.5 | 0.6 | 0.7 | 0.4 | 0.3 | 0.9 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 |
| 4.4 | 4.2 | 4.0 | 6.4 | 3.6 | 4.0 | 6.3 |
| 0.1 | 0.2 | 0.2 | 0.2 | 0.1 | 0.3 | 0.0 |
| 0.0 | 0.1 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.1 | 0.2 | 0.2 | 0.1 | 0.1 | 0.0 |
| 1.5 | 2.5 | 4.8 | 5.1 | 1.7 | 5.1 | 1.6 |
| 0.0 | 0.1 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 |
| 0.1 | 0.0 | 0.2 | 0.0 | 0.2 | 0.2 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.2 | 0.6 | 0.4 | 0.0 | 0.0 | 0.0 |
| 0.1 | 0.0 | 0.4 | 0.1 | 0.5 | 0.1 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.2  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 38.5 | 37.7 | 23.7 | 28.1 | 34.3 | 38.8 | 41.9 |
| 7.0  | 7.4  | 2.6  | 3.4  | 9.1  | 8.3  | 2.2  |
| 0.0  | 0.2  | 0.8  | 0.5  | 0.1  | 0.5  | 0.0  |
| 0.1  | 0.1  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.4  | 0.1  | 0.0  |
| 0.2  | 0.2  | 0.1  | 0.1  | 0.3  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.7  | 3.0  | 5.2  | 3.4  | 1.9  | 4.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.8  | 0.9  | 2.5  | 3.0  | 1.5  | 2.2  | 0.3  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.1  | 0.2  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.0  | 0.6  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.2  | 0.0  |
| 0.9  | 1.9  | 4.8  | 3.7  | 1.7  | 3.6  | 1.9  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 41.2 | 46.5 | 41.3 | 29.0 | 58.8 | 51.1 | 3.7  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.4  | 0.5  | 1.8  | 2.0  | 1.3  | 0.6  | 0.7  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.4  | 0.0  |
| 0.0  | 0.2  | 0.2  | 0.3  | 0.0  | 0.2  | 0.0  |
| 1.7  | 1.6  | 1.0  | 1.8  | 1.8  | 1.6  | 0.0  |
| 3.8  | 6.8  | 9.9  | 9.6  | 7.1  | 7.2  | 7.2  |
| 0.0  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3.5  | 2.8  | 5.1  | 3.6  | 6.8  | 5.2  | 0.6  |
| 1.7  | 2.1  | 1.8  | 2.3  | 2.8  | 2.6  | 4.9  |
| 0.4  | 1.3  | 1.6  | 1.9  | 0.7  | 1.1  | 0.7  |
| 0.1  | 0.1  | 0.3  | 0.0  | 0.3  | 0.0  | 1.3  |
| 0.4  | 0.6  | 1.7  | 0.3  | 0.5  | 0.5  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.0  | 1.1  | 0.4  | 0.8  | 1.1  | 0.3  | 0.0  |
| 16.8 | 23.8 | 52.8 | 50.4 | 32.1 | 51.1 | 14.0 |
| 0.1  | 0.2  | 0.2  | 0.2  | 0.3  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.4  | 0.4  | 1.0  | 0.7  | 0.7  | 0.5  | 0.9  |
| 0.4  | 0.6  | 3.5  | 2.1  | 1.5  | 2.0  | 0.0  |
| 0.3  | 0.1  | 0.3  | 0.2  | 0.3  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.4  | 0.1  | 0.1  | 0.0  | 0.0  |

|     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|
| 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.3 | 0.5 | 1.3 | 0.9 | 0.6 | 0.9 | 0.1 |
| 0.2 | 0.6 | 0.7 | 0.5 | 0.1 | 1.2 | 0.3 |
| 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.1 | 0.1 | 0.2 | 0.3 | 0.3 | 0.0 | 0.0 |
| 0.3 | 0.1 | 0.3 | 0.7 | 0.3 | 0.2 | 0.0 |
| 0.1 | 0.0 | 0.5 | 0.1 | 0.3 | 0.6 | 0.0 |
| 1.1 | 2.2 | 3.9 | 3.7 | 1.8 | 2.2 | 2.8 |
| 1.0 | 2.2 | 3.1 | 3.2 | 1.3 | 3.4 | 0.9 |
| 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.2 | 0.2 | 0.8 | 2.9 | 0.6 | 2.3 | 0.0 |
| 0.0 | 0.0 | 0.5 | 0.2 | 0.1 | 0.1 | 0.0 |
| 0.0 | 0.1 | 0.4 | 0.2 | 0.2 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.2 | 0.0 |
| 0.4 | 0.8 | 1.0 | 0.8 | 1.0 | 0.9 | 0.4 |
| 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.1 | 0.1 | 0.6 | 0.4 | 0.3 | 0.3 | 0.0 |
| 0.1 | 0.1 | 0.4 | 0.3 | 0.2 | 0.3 | 0.2 |
| 0.0 | 0.1 | 0.2 | 0.2 | 0.0 | 0.0 | 0.0 |
| 0.2 | 0.2 | 2.0 | 2.4 | 0.4 | 0.8 | 0.0 |
| 0.0 | 0.5 | 2.0 | 0.9 | 1.3 | 0.8 | 0.0 |
| 0.0 | 1.1 | 0.6 | 0.0 | 1.3 | 0.0 | 0.0 |
| 1.2 | 1.1 | 2.1 | 2.3 | 2.0 | 1.4 | 1.7 |
| 0.2 | 0.1 | 0.2 | 0.1 | 0.2 | 0.1 | 0.0 |
| 0.2 | 0.4 | 1.1 | 0.5 | 0.2 | 0.5 | 0.0 |
| 0.7 | 0.3 | 0.4 | 0.2 | 0.4 | 0.3 | 0.0 |
| 0.1 | 0.2 | 0.3 | 0.5 | 0.6 | 0.8 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.1 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.7 | 1.2 | 2.1 | 1.7 | 1.0 | 1.7 | 0.5 |
| 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.1 | 0.2 | 0.1 | 0.0 | 0.2 | 0.4 |
| 0.9 | 0.2 | 0.7 | 0.6 | 0.4 | 0.9 | 0.0 |
| 0.0 | 0.1 | 0.3 | 0.4 | 0.0 | 0.3 | 0.0 |
| 0.8 | 1.0 | 1.6 | 1.3 | 0.0 | 0.8 | 0.7 |
| 2.1 | 3.0 | 4.5 | 2.5 | 2.7 | 2.7 | 3.6 |
| 0.1 | 0.5 | 1.4 | 0.7 | 0.4 | 0.9 | 0.0 |
| 0.7 | 2.0 | 2.1 | 2.0 | 1.5 | 2.6 | 3.1 |
| 2.7 | 3.1 | 2.3 | 2.1 | 4.4 | 2.9 | 3.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.1 | 0.0 | 0.6 | 0.4 | 0.5 | 0.4 | 0.0 |
| 0.0 | 0.0 | 0.2 | 0.2 | 0.0 | 0.0 | 0.0 |
| 0.2 | 0.1 | 0.4 | 0.3 | 0.0 | 0.5 | 0.0 |
| 0.0 | 0.2 | 0.9 | 1.6 | 0.0 | 0.3 | 0.0 |
| 0.0 | 0.2 | 0.2 | 0.3 | 0.0 | 0.4 | 0.0 |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.3  | 0.3  | 0.3  | 0.1  | 0.0  | 0.0  | 0.0  |
| 15.3 | 14.6 | 20.7 | 14.6 | 16.2 | 17.7 | 18.8 |
| 0.9  | 1.0  | 1.1  | 2.0  | 1.9  | 2.1  | 1.9  |
| 0.7  | 0.3  | 0.7  | 0.7  | 0.6  | 0.8  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.2  | 0.2  | 0.0  |
| 0.0  | 0.2  | 0.2  | 0.1  | 0.7  | 0.1  | 0.0  |
| 4.3  | 4.7  | 5.0  | 2.9  | 8.6  | 7.2  | 3.9  |
| 2.8  | 4.2  | 2.9  | 4.0  | 5.0  | 4.4  | 2.8  |
| 2.9  | 4.0  | 4.0  | 3.9  | 3.5  | 4.5  | 2.4  |
| 3.8  | 4.5  | 5.7  | 5.3  | 6.4  | 5.1  | 4.3  |
| 6.0  | 9.2  | 8.4  | 8.3  | 10.5 | 9.8  | 3.7  |
| 3.4  | 4.4  | 5.6  | 3.4  | 4.1  | 3.8  | 3.9  |
| 3.0  | 1.3  | 3.3  | 2.4  | 6.1  | 1.2  | 1.3  |
| 0.8  | 2.0  | 3.7  | 3.8  | 1.6  | 2.9  | 0.3  |
| 1.1  | 0.9  | 2.1  | 1.2  | 1.0  | 1.1  | 1.9  |
| 1.1  | 2.6  | 5.2  | 3.8  | 2.1  | 5.6  | 1.6  |
| 4.8  | 3.9  | 4.4  | 3.7  | 7.3  | 6.3  | 0.0  |
| 0.1  | 0.0  | 0.3  | 0.7  | 0.0  | 0.3  | 0.0  |
| 0.8  | 1.1  | 1.1  | 2.1  | 2.4  | 0.7  | 0.0  |
| 0.3  | 0.4  | 1.3  | 0.8  | 0.6  | 0.0  | 0.0  |
| 0.9  | 0.7  | 0.5  | 0.9  | 1.3  | 1.0  | 1.3  |
| 0.2  | 0.2  | 0.8  | 1.0  | 0.3  | 0.8  | 0.0  |
| 0.2  | 0.5  | 1.0  | 0.6  | 0.5  | 0.9  | 0.0  |
| 0.1  | 0.1  | 0.5  | 0.2  | 0.2  | 0.2  | 0.0  |
| 0.3  | 0.0  | 0.3  | 0.6  | 0.6  | 0.0  | 0.0  |
| 0.2  | 0.2  | 0.5  | 1.0  | 0.8  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.2  | 0.0  | 0.1  | 0.1  | 0.5  |
| 1.0  | 4.0  | 2.5  | 2.9  | 4.1  | 1.8  | 1.5  |
| 0.4  | 0.3  | 0.7  | 0.4  | 1.2  | 0.6  | 0.0  |
| 0.2  | 0.0  | 0.2  | 0.0  | 0.1  | 0.6  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.6  | 0.0  |
| 2.8  | 1.4  | 5.7  | 6.9  | 5.7  | 4.7  | 0.0  |
| 0.8  | 0.6  | 1.3  | 1.0  | 1.0  | 0.8  | 1.7  |
| 1.0  | 0.7  | 1.0  | 1.4  | 1.0  | 0.8  | 1.1  |
| 5.9  | 6.5  | 6.6  | 8.2  | 9.5  | 7.3  | 5.4  |
| 0.1  | 0.4  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.3  | 1.2  | 2.2  | 1.9  | 1.3  | 2.0  | 0.0  |
| 0.2  | 0.0  | 0.3  | 0.2  | 0.1  | 0.2  | 0.0  |
| 2.9  | 4.1  | 5.7  | 4.5  | 5.0  | 7.4  | 1.9  |
| 1.2  | 1.1  | 1.5  | 2.1  | 1.1  | 0.9  | 1.2  |
| 0.6  | 0.7  | 0.5  | 0.4  | 0.9  | 0.6  | 0.3  |
| 0.1  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.8  | 0.9  | 0.8  | 0.6  | 0.9  | 0.0  |

|     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|
| 0.1 | 0.2 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 |
| 0.5 | 1.4 | 0.6 | 0.2 | 0.9 | 0.7 | 0.0 |
| 0.3 | 0.6 | 0.4 | 1.2 | 1.0 | 0.8 | 0.0 |
| 0.0 | 0.1 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 |
| 0.2 | 0.0 | 0.0 | 0.0 | 0.3 | 0.2 | 0.0 |
| 0.2 | 0.3 | 0.1 | 0.7 | 0.5 | 0.3 | 0.6 |
| 0.0 | 0.0 | 0.1 | 0.5 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.1 | 0.2 | 0.7 | 0.1 | 0.0 | 0.0 | 0.0 |
| 0.2 | 0.2 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 |
| 0.1 | 0.2 | 0.0 | 0.1 | 0.0 | 0.1 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.1 | 0.0 |
| 0.0 | 0.1 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 |
| 0.1 | 0.0 | 0.7 | 0.4 | 0.4 | 0.1 | 0.0 |
| 0.8 | 1.0 | 1.1 | 1.2 | 1.0 | 1.9 | 1.9 |
| 0.3 | 1.2 | 1.3 | 1.6 | 0.6 | 1.7 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.2 | 0.0 | 0.1 | 0.0 |
| 3.9 | 7.7 | 7.5 | 6.4 | 7.0 | 8.5 | 4.0 |
| 1.8 | 2.2 | 3.4 | 3.2 | 2.3 | 3.7 | 0.8 |
| 0.1 | 0.2 | 0.3 | 0.7 | 0.0 | 0.3 | 0.0 |
| 0.1 | 0.0 | 0.4 | 0.1 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.3 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.0 |
| 0.1 | 0.1 | 0.2 | 0.4 | 0.1 | 0.3 | 0.0 |
| 5.8 | 5.1 | 5.8 | 6.8 | 3.0 | 5.9 | 3.9 |
| 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.1 | 0.3 | 0.4 | 0.8 | 0.1 | 0.4 | 0.0 |
| 0.0 | 0.0 | 0.3 | 0.1 | 0.2 | 0.0 | 0.0 |
| 1.1 | 1.3 | 1.7 | 0.9 | 2.1 | 1.5 | 0.7 |
| 0.0 | 0.1 | 0.3 | 0.1 | 0.2 | 0.0 | 0.0 |
| 1.4 | 1.2 | 1.5 | 1.3 | 1.1 | 1.0 | 2.1 |
| 2.0 | 2.2 | 1.2 | 2.1 | 4.1 | 2.6 | 1.4 |
| 0.5 | 0.1 | 0.4 | 0.6 | 0.1 | 0.4 | 0.0 |
| 0.1 | 0.4 | 0.3 | 0.6 | 0.3 | 0.0 | 0.0 |
| 0.2 | 0.6 | 0.5 | 0.4 | 0.5 | 0.7 | 0.7 |
| 0.4 | 0.9 | 1.9 | 1.3 | 0.7 | 1.7 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.0 |
| 0.0 | 0.1 | 0.1 | 0.0 | 0.1 | 0.5 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.4 | 0.0 | 0.0 | 0.0 |
| 0.3 | 0.4 | 1.0 | 0.0 | 0.3 | 0.4 | 0.0 |
| 0.4 | 0.6 | 0.2 | 0.5 | 0.4 | 0.8 | 0.7 |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.2  | 0.1  | 0.7  | 0.0  |
| 3.9  | 2.4  | 5.2  | 3.3  | 1.2  | 3.5  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.3  | 0.0  |
| 0.8  | 1.1  | 1.2  | 1.6  | 1.5  | 1.8  | 0.0  |
| 0.0  | 0.1  | 1.0  | 0.7  | 0.2  | 0.5  | 0.0  |
| 0.1  | 0.1  | 1.2  | 1.5  | 0.5  | 0.6  | 0.1  |
| 0.1  | 0.4  | 0.1  | 0.5  | 0.3  | 0.0  | 0.0  |
| 0.2  | 0.0  | 0.3  | 0.1  | 0.0  | 0.3  | 0.0  |
| 0.2  | 0.1  | 0.1  | 0.2  | 0.7  | 0.6  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.2  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.7  | 0.9  | 2.0  | 1.6  | 0.5  | 1.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.3  | 0.3  | 0.2  | 0.5  | 0.1  |
| 0.0  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.2  | 0.1  | 0.4  | 0.0  |
| 0.4  | 0.9  | 0.7  | 0.8  | 0.6  | 0.6  | 1.3  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.5  | 0.4  | 0.8  | 0.7  | 0.8  | 0.5  | 0.0  |
| 0.2  | 0.2  | 0.3  | 0.3  | 0.4  | 0.2  | 0.1  |
| 0.0  | 0.0  | 0.3  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.5  | 0.6  | 0.8  | 0.4  | 0.2  | 0.7  | 0.4  |
| 0.1  | 0.1  | 0.2  | 0.1  | 0.0  | 0.1  | 0.0  |
| 1.0  | 2.5  | 6.1  | 5.5  | 1.8  | 3.9  | 0.8  |
| 1.6  | 1.8  | 2.3  | 1.9  | 2.4  | 2.0  | 1.0  |
| 0.3  | 0.3  | 0.7  | 0.6  | 1.1  | 0.5  | 0.0  |
| 0.2  | 0.9  | 1.0  | 0.9  | 0.8  | 1.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 2.0  | 1.1  | 1.2  | 2.5  | 1.8  | 1.5  | 0.3  |
| 0.2  | 0.1  | 0.5  | 0.4  | 0.3  | 0.3  | 0.1  |
| 0.1  | 0.4  | 0.8  | 0.5  | 0.8  | 0.2  | 0.6  |
| 0.0  | 0.0  | 0.3  | 0.2  | 0.0  | 0.1  | 0.1  |
| 2.8  | 3.0  | 3.0  | 3.0  | 3.9  | 3.5  | 4.0  |
| 4.9  | 4.3  | 5.4  | 7.5  | 6.1  | 5.5  | 5.9  |
| 3.7  | 2.7  | 3.6  | 4.9  | 5.6  | 5.5  | 9.0  |
| 0.0  | 0.4  | 0.4  | 0.6  | 0.2  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 13.8 | 13.1 | 15.9 | 13.4 | 20.7 | 12.2 | 14.0 |
| 3.1  | 2.8  | 3.5  | 3.5  | 2.8  | 3.6  | 1.3  |
| 0.7  | 0.8  | 1.1  | 0.4  | 1.5  | 1.6  | 0.6  |
| 0.1  | 0.0  | 0.2  | 0.7  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.2  | 0.0  | 0.0  | 0.6  | 0.0  | 0.0  |
| 1.6  | 1.9  | 2.1  | 1.7  | 2.4  | 3.3  | 0.8  |
| 3.1  | 7.6  | 6.2  | 5.0  | 4.7  | 4.7  | 3.1  |
| 0.2  | 0.8  | 1.3  | 0.8  | 0.3  | 1.5  | 0.0  |

|     |     |     |     |      |     |     |
|-----|-----|-----|-----|------|-----|-----|
| 1.4 | 0.5 | 3.0 | 1.1 | 0.8  | 1.3 | 0.0 |
| 2.1 | 3.8 | 4.9 | 6.7 | 3.0  | 4.2 | 1.6 |
| 0.0 | 0.5 | 0.8 | 0.0 | 0.0  | 0.0 | 0.0 |
| 1.4 | 0.9 | 3.2 | 1.9 | 2.3  | 1.2 | 2.7 |
| 0.0 | 0.0 | 0.2 | 0.0 | 0.0  | 0.0 | 0.0 |
| 8.6 | 7.0 | 6.1 | 7.7 | 11.8 | 7.8 | 1.4 |
| 0.1 | 0.0 | 0.2 | 0.2 | 0.1  | 0.1 | 0.0 |
| 0.6 | 0.8 | 0.1 | 0.2 | 1.1  | 1.2 | 0.0 |
| 0.0 | 0.1 | 0.4 | 0.1 | 0.1  | 0.0 | 0.0 |
| 0.7 | 0.8 | 3.2 | 2.9 | 1.0  | 0.8 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
| 0.2 | 0.3 | 0.4 | 0.5 | 0.1  | 0.5 | 0.4 |
| 0.0 | 0.1 | 0.2 | 0.2 | 0.1  | 0.2 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.1 | 0.0  | 0.2 | 0.0 |
| 2.4 | 2.3 | 3.4 | 2.4 | 3.3  | 5.5 | 1.4 |
| 0.0 | 0.0 | 0.1 | 0.0 | 0.1  | 0.0 | 0.0 |
| 0.1 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
| 0.1 | 0.1 | 0.5 | 0.3 | 0.4  | 0.4 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.1 | 0.0  | 0.0 | 0.0 |
| 0.1 | 0.1 | 0.7 | 0.6 | 0.1  | 0.6 | 0.0 |
| 1.9 | 4.4 | 5.2 | 3.3 | 6.1  | 3.9 | 0.4 |
| 0.1 | 0.1 | 0.5 | 0.5 | 0.0  | 0.1 | 0.0 |
| 0.2 | 0.0 | 0.5 | 0.3 | 0.0  | 0.0 | 0.0 |
| 1.2 | 1.3 | 2.1 | 2.7 | 4.0  | 1.1 | 2.9 |
| 0.0 | 0.0 | 0.2 | 0.2 | 0.2  | 0.0 | 0.0 |
| 0.1 | 0.3 | 0.7 | 0.4 | 0.1  | 0.5 | 0.1 |
| 0.2 | 0.1 | 0.8 | 0.3 | 0.1  | 0.0 | 0.0 |
| 0.6 | 0.6 | 1.2 | 0.8 | 0.2  | 1.1 | 0.1 |
| 0.1 | 0.1 | 0.3 | 0.3 | 0.3  | 0.3 | 0.0 |
| 5.2 | 4.7 | 7.9 | 6.9 | 6.4  | 7.4 | 4.0 |
| 0.9 | 1.6 | 1.7 | 1.5 | 1.5  | 2.3 | 0.0 |
| 0.3 | 0.5 | 0.7 | 1.2 | 0.3  | 0.8 | 1.7 |
| 0.1 | 0.2 | 0.5 | 0.3 | 0.5  | 0.0 | 0.0 |
| 1.1 | 2.1 | 4.1 | 2.0 | 2.5  | 0.7 | 0.0 |
| 0.0 | 0.1 | 0.1 | 0.1 | 0.0  | 0.0 | 0.0 |
| 0.0 | 0.3 | 0.8 | 0.4 | 0.2  | 0.7 | 2.0 |
| 0.1 | 0.1 | 0.8 | 0.7 | 0.2  | 0.2 | 0.0 |
| 0.2 | 0.5 | 1.4 | 1.1 | 0.4  | 1.2 | 0.3 |
| 0.3 | 0.7 | 1.4 | 0.3 | 1.3  | 0.4 | 0.0 |
| 0.2 | 0.4 | 0.9 | 0.7 | 0.3  | 0.4 | 0.4 |
| 0.5 | 0.4 | 0.3 | 0.3 | 1.0  | 0.3 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.1 | 0.0  | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.2 | 0.2 | 0.0  | 0.0 | 0.0 |
| 0.3 | 0.2 | 0.6 | 0.6 | 0.7  | 1.0 | 0.0 |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.3  | 0.4  | 0.0  | 0.0  | 0.0  |
| 0.5  | 0.7  | 1.8  | 1.4  | 0.7  | 1.5  | 0.5  |
| 0.1  | 0.1  | 0.5  | 0.3  | 0.0  | 0.1  | 0.0  |
| 2.1  | 2.1  | 2.8  | 4.4  | 5.3  | 7.0  | 10.7 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.0  | 0.2  | 0.1  | 0.0  | 0.2  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.5  | 0.4  | 0.1  | 0.8  | 0.0  |
| 0.0  | 0.0  | 0.4  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 1.0  | 0.7  | 0.0  | 0.6  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.2  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.1  | 0.0  | 0.3  | 0.0  | 0.0  | 0.1  | 0.0  |
| 1.4  | 2.2  | 4.6  | 3.6  | 3.3  | 1.5  | 10.9 |
| 1.5  | 1.9  | 2.4  | 3.2  | 2.7  | 2.3  | 4.7  |
| 1.3  | 1.7  | 1.5  | 1.5  | 1.8  | 1.2  | 0.9  |
| 2.0  | 4.7  | 7.7  | 8.3  | 4.0  | 5.6  | 2.5  |
| 0.8  | 1.5  | 2.5  | 1.6  | 1.6  | 1.3  | 0.8  |
| 0.3  | 0.6  | 1.1  | 1.0  | 0.7  | 0.7  | 0.2  |
| 1.2  | 1.0  | 1.8  | 1.7  | 2.7  | 1.7  | 0.4  |
| 0.1  | 0.7  | 3.4  | 0.8  | 1.5  | 0.0  | 0.0  |
| 0.6  | 0.6  | 0.9  | 1.1  | 0.0  | 0.0  | 0.0  |
| 1.4  | 2.6  | 1.3  | 0.6  | 2.1  | 1.5  | 0.7  |
| 0.6  | 0.6  | 0.5  | 1.1  | 0.1  | 1.6  | 2.9  |
| 1.8  | 3.9  | 4.7  | 4.3  | 3.1  | 3.3  | 4.6  |
| 2.7  | 3.0  | 4.1  | 2.9  | 0.6  | 5.3  | 2.7  |
| 0.0  | 0.0  | 0.3  | 0.6  | 0.0  | 0.0  | 0.0  |
| 5.4  | 5.7  | 6.2  | 7.8  | 5.5  | 8.7  | 4.8  |
| 13.2 | 22.3 | 20.6 | 16.5 | 20.1 | 27.0 | 16.1 |
| 0.1  | 0.4  | 0.8  | 1.3  | 0.6  | 0.4  | 0.5  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.0  | 1.9  | 1.7  | 1.4  | 2.7  | 2.0  | 0.6  |
| 1.6  | 2.0  | 3.1  | 3.5  | 2.3  | 2.6  | 1.5  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.4  | 0.8  | 0.0  | 0.0  | 0.5  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.5  | 0.4  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 12.1 | 17.8 | 18.8 | 11.5 | 21.0 | 17.4 | 10.6 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.3  | 0.3  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.1  | 0.3  | 0.1  | 0.2  | 0.4  | 0.0  |
| 0.0  | 0.0  | 0.5  | 0.0  | 0.2  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.8  | 0.7  | 1.4  | 1.6  | 0.8  | 0.5  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.0  | 0.0  | 0.4  | 0.0  |
| 0.4  | 0.9  | 1.5  | 1.0  | 0.4  | 0.7  | 0.1  |



|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.2  | 0.8  | 1.4  | 1.2  | 0.5  | 1.0  | 0.3  |
| 0.3  | 0.2  | 0.3  | 0.3  | 0.3  | 0.2  | 0.0  |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.0  | 0.2  | 0.0  |
| 17.7 | 20.7 | 21.0 | 23.5 | 23.5 | 9.5  | 5.5  |
| 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.5  | 0.0  | 0.0  | 1.2  | 0.0  |
| 0.2  | 0.6  | 0.9  | 1.0  | 0.3  | 0.9  | 0.1  |
| 9.7  | 9.0  | 16.3 | 19.5 | 13.1 | 13.2 | 14.0 |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.4  | 1.2  | 0.0  | 0.0  | 0.0  |
| 1.0  | 1.4  | 2.2  | 2.5  | 2.2  | 1.8  | 2.2  |
| 0.3  | 0.1  | 0.2  | 0.3  | 0.4  | 0.0  | 1.0  |
| 0.0  | 0.1  | 0.5  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.1  | 0.6  | 0.7  | 0.5  | 0.2  | 0.0  |
| 0.2  | 0.3  | 0.2  | 0.3  | 0.4  | 0.3  | 0.0  |
| 1.7  | 2.1  | 2.1  | 1.9  | 1.9  | 2.2  | 2.2  |
| 0.1  | 0.1  | 1.0  | 0.5  | 0.2  | 1.1  | 0.3  |
| 0.1  | 0.2  | 0.2  | 0.1  | 0.0  | 0.2  | 0.2  |
| 0.2  | 0.2  | 0.2  | 0.2  | 0.2  | 0.2  | 0.0  |
| 4.5  | 5.8  | 4.4  | 5.2  | 5.0  | 6.9  | 6.3  |
| 9.1  | 8.9  | 9.3  | 8.8  | 9.1  | 11.8 | 7.5  |
| 2.0  | 2.8  | 3.0  | 3.4  | 2.8  | 4.0  | 1.6  |
| 0.0  | 0.0  | 0.2  | 0.3  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.4  | 0.2  | 0.0  | 0.1  | 0.3  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.2  | 0.2  |
| 20.0 | 14.3 | 14.7 | 20.7 | 19.6 | 21.7 | 41.2 |
| 3.3  | 2.9  | 1.7  | 2.5  | 3.9  | 4.5  | 2.3  |
| 1.6  | 1.4  | 1.7  | 1.4  | 1.8  | 2.3  | 0.9  |
| 6.3  | 5.2  | 3.7  | 4.8  | 6.2  | 4.0  | 5.6  |
| 4.7  | 4.8  | 4.8  | 4.9  | 6.3  | 5.1  | 4.3  |
| 69.0 | 72.0 | 73.0 | 82.5 | 66.1 | 74.1 | 53.5 |
| 0.2  | 0.3  | 0.6  | 0.5  | 0.3  | 0.5  | 0.2  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 6.7  | 8.5  | 8.6  | 8.3  | 7.8  | 7.1  | 7.9  |
| 7.3  | 11.9 | 7.4  | 11.9 | 9.2  | 11.4 | 7.0  |
| 0.1  | 0.1  | 0.6  | 0.7  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.8  | 0.9  | 1.2  | 1.0  | 1.0  | 1.0  | 1.4  |
| 68.0 | 85.3 | 84.9 | 82.1 | 84.6 | 75.7 | 86.4 |
| 3.7  | 4.0  | 5.5  | 5.1  | 5.3  | 5.7  | 1.6  |
| 0.6  | 0.8  | 0.6  | 0.6  | 0.7  | 1.0  | 0.5  |
| 0.1  | 0.2  | 0.4  | 0.3  | 0.1  | 0.2  | 0.1  |
| 4.1  | 8.0  | 6.6  | 7.6  | 5.1  | 6.7  | 7.0  |
| 0.0  | 0.0  | 0.5  | 0.2  | 0.0  | 0.0  | 0.0  |
| 6.4  | 15.1 | 14.0 | 15.1 | 9.6  | 11.1 | 16.4 |

|      |       |       |       |       |       |      |
|------|-------|-------|-------|-------|-------|------|
| 10.0 | 12.8  | 14.4  | 14.1  | 14.4  | 11.2  | 11.4 |
| 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 0.4  | 0.4   | 0.7   | 0.5   | 0.3   | 0.7   | 0.0  |
| 0.7  | 0.6   | 0.8   | 1.1   | 0.8   | 1.1   | 0.7  |
| 1.0  | 1.1   | 1.1   | 1.5   | 1.3   | 2.7   | 0.1  |
| 0.4  | 0.4   | 1.1   | 0.6   | 0.6   | 0.6   | 0.4  |
| 95.7 | 117.5 | 108.3 | 106.8 | 146.1 | 122.8 | 76.1 |
| 0.0  | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0  |
| 1.4  | 2.0   | 1.6   | 2.4   | 2.3   | 2.7   | 3.3  |
| 4.7  | 5.6   | 5.1   | 5.8   | 4.4   | 6.9   | 7.1  |
| 4.6  | 5.0   | 4.3   | 5.9   | 7.4   | 4.6   | 4.3  |
| 0.6  | 1.0   | 0.7   | 0.4   | 1.0   | 1.4   | 0.1  |
| 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 7.0  | 7.4   | 7.2   | 8.3   | 9.7   | 8.7   | 8.8  |
| 32.4 | 35.0  | 28.3  | 26.3  | 36.6  | 33.1  | 28.2 |
| 10.9 | 12.4  | 13.5  | 12.8  | 13.7  | 13.3  | 12.0 |
| 14.3 | 14.4  | 15.9  | 17.2  | 17.7  | 15.4  | 14.4 |
| 0.0  | 0.0   | 0.1   | 0.1   | 0.1   | 0.0   | 0.0  |
| 3.4  | 3.9   | 3.7   | 4.2   | 3.2   | 4.8   | 11.0 |
| 0.0  | 0.1   | 0.1   | 0.1   | 0.2   | 0.1   | 0.0  |
| 0.2  | 0.8   | 1.7   | 0.9   | 0.6   | 1.2   | 0.0  |
| 0.2  | 0.1   | 0.2   | 0.2   | 0.3   | 0.2   | 0.0  |
| 0.0  | 0.0   | 0.0   | 0.3   | 0.1   | 0.0   | 0.0  |
| 0.2  | 0.4   | 1.1   | 1.0   | 0.7   | 1.6   | 0.0  |
| 3.8  | 4.6   | 5.1   | 5.4   | 4.7   | 5.3   | 5.8  |
| 1.5  | 1.6   | 1.5   | 1.2   | 2.2   | 2.1   | 0.8  |
| 21.2 | 26.5  | 31.7  | 26.7  | 30.6  | 28.9  | 26.3 |
| 0.1  | 0.2   | 0.2   | 0.4   | 0.2   | 0.3   | 0.0  |
| 0.7  | 0.9   | 1.3   | 1.4   | 0.8   | 1.1   | 1.3  |
| 1.1  | 1.1   | 1.5   | 1.5   | 1.3   | 1.9   | 0.9  |
| 1.0  | 1.0   | 1.0   | 1.0   | 1.6   | 1.4   | 0.9  |
| 0.4  | 0.7   | 0.4   | 0.6   | 0.5   | 0.0   | 0.0  |
| 3.6  | 3.5   | 3.8   | 3.9   | 3.6   | 4.6   | 3.9  |
| 1.1  | 1.7   | 1.7   | 1.7   | 0.5   | 1.4   | 0.3  |
| 4.0  | 5.9   | 5.0   | 5.3   | 6.0   | 6.2   | 6.6  |
| 0.3  | 0.5   | 0.5   | 1.0   | 0.2   | 0.3   | 0.4  |
| 0.2  | 0.9   | 0.6   | 0.4   | 0.6   | 0.4   | 0.0  |
| 1.4  | 2.4   | 2.7   | 2.3   | 1.8   | 2.6   | 5.0  |
| 2.1  | 2.5   | 2.4   | 2.7   | 2.9   | 3.1   | 3.0  |
| 0.2  | 0.2   | 0.5   | 0.4   | 0.1   | 0.3   | 0.0  |
| 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 2.1  | 1.8   | 2.8   | 2.4   | 2.0   | 2.2   | 2.7  |
| 0.3  | 0.3   | 0.4   | 0.3   | 0.1   | 0.9   | 0.0  |
| 1.7  | 1.5   | 1.3   | 1.7   | 1.5   | 2.0   | 0.7  |
| 0.9  | 0.9   | 0.9   | 1.2   | 1.1   | 1.2   | 0.2  |
| 0.0  | 0.0   | 0.2   | 0.1   | 0.1   | 0.0   | 0.0  |
| 0.4  | 0.7   | 1.5   | 0.7   | 0.4   | 0.6   | 0.0  |

[illegible]

|      |      |      |      |      |      |     |
|------|------|------|------|------|------|-----|
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 58.8 | 45.5 | 35.2 | 51.6 | 61.8 | 43.4 | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.9  | 0.0  | 2.8  | 1.6  | 1.6  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.7  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.5  | 0.0  | 0.7  | 0.0  | 0.0  | 4.9  | 6.9 |
| 0.0  | 0.0  | 0.0  | 1.7  | 0.0  | 0.0  | 0.0 |
| 2.4  | 1.4  | 2.2  | 1.7  | 0.0  | 0.0  | 7.1 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 2.1  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 2.9  | 0.0  | 6.9  | 2.2  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 1.3  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 1.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 4.6  | 3.0  | 2.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 1.2  | 0.0  | 0.0  | 0.0 |
| 1.3  | 2.9  | 2.0  | 0.0  | 4.4  | 5.2  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.7   | 1.0   | 1.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 1.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.7   | 0.0   | 2.1   | 2.4   | 2.4   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 1.2   | 0.0   | 0.0   | 0.0   |
| 0.0   | 1.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 1.2   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 2.7   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 37.4  | 41.4  | 34.0  | 36.4  | 53.1  | 40.0  | 43.2  |
| 0.8   | 0.9   | 1.0   | 1.1   | 1.5   | 1.1   | 0.8   |
| 2.5   | 2.1   | 3.3   | 3.2   | 3.0   | 4.2   | 2.1   |
| 1.8   | 2.3   | 2.5   | 3.5   | 3.7   | 1.8   | 2.0   |
| 4.2   | 4.6   | 11.9  | 14.0  | 16.6  | 6.5   | 0.0   |
| 0.1   | 0.0   | 0.4   | 0.0   | 0.0   | 0.2   | 0.0   |
| 1.8   | 1.8   | 2.8   | 5.4   | 5.2   | 1.6   | 0.0   |
| 5.1   | 8.0   | 7.8   | 6.0   | 11.7  | 5.4   | 1.8   |
| 0.0   | 0.0   | 0.3   | 0.2   | 0.0   | 0.1   | 0.0   |
| 1.4   | 0.0   | 0.0   | 0.0   | 1.2   | 5.7   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.0   | 0.0   | 0.0   | 0.0   | 5.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 3.2   | 2.5   | 6.2   | 0.0   | 0.0   | 2.2   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 2.4   | 1.2   | 0.0   | 0.0   | 0.0   | 2.1   | 36.0  |
| 0.0   | 1.3   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 2.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.9   | 2.7   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 2.2   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 1.2   | 0.0   | 0.0   |
| 212.6 | 238.6 | 205.0 | 233.0 | 190.6 | 197.6 | 211.4 |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 99.3  | 39.2  | 132.3 | 51.8  | 39.2  | 86.2  | 67.5  |
| 86.5  | 132.1 | 113.8 | 92.3  | 94.7  | 158.9 | 20.2  |

|      |       |       |       |      |      |       |
|------|-------|-------|-------|------|------|-------|
| 1.3  | 1.0   | 4.9   | 0.0   | 1.1  | 0.0  | 0.0   |
| 30.5 | 15.4  | 32.3  | 24.3  | 10.3 | 18.2 | 0.0   |
| 0.0  | 1.5   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   |
| 0.0  | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   |
| 0.0  | 0.0   | 3.8   | 0.0   | 0.0  | 0.0  | 0.0   |
| 0.0  | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   |
| 0.0  | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   |
| 10.3 | 21.1  | 10.1  | 11.8  | 7.6  | 15.8 | 19.3  |
| 0.0  | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   |
| 0.0  | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   |
| 0.0  | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   |
| 0.0  | 2.0   | 2.0   | 1.2   | 0.0  | 1.8  | 0.0   |
| 0.0  | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   |
| 7.5  | 8.5   | 4.6   | 5.1   | 6.2  | 13.0 | 10.3  |
| 0.0  | 0.1   | 0.1   | 0.0   | 0.0  | 0.0  | 0.0   |
| 6.8  | 10.8  | 11.1  | 11.1  | 9.2  | 10.9 | 7.0   |
| 0.9  | 0.7   | 1.3   | 0.9   | 1.3  | 1.5  | 1.8   |
| 7.5  | 8.6   | 9.7   | 9.8   | 8.1  | 8.1  | 15.6  |
| 2.5  | 2.9   | 2.4   | 2.0   | 2.3  | 3.3  | 2.7   |
| 0.2  | 0.4   | 0.4   | 0.3   | 0.2  | 0.6  | 0.2   |
| 3.3  | 4.3   | 3.4   | 3.7   | 4.3  | 4.2  | 1.7   |
| 0.0  | 0.0   | 0.0   | 0.1   | 0.0  | 0.0  | 0.0   |
| 0.2  | 0.6   | 0.6   | 1.0   | 0.7  | 0.3  | 2.1   |
| 7.5  | 5.2   | 8.9   | 11.2  | 10.1 | 8.5  | 13.2  |
| 32.0 | 39.3  | 41.9  | 39.9  | 44.6 | 32.8 | 58.5  |
| 0.3  | 0.5   | 0.8   | 0.9   | 0.6  | 0.6  | 0.0   |
| 0.0  | 0.0   | 0.0   | 0.0   | 0.1  | 0.0  | 0.0   |
| 0.2  | 0.3   | 2.4   | 2.5   | 0.4  | 2.7  | 0.0   |
| 91.3 | 105.0 | 100.8 | 127.3 | 83.5 | 88.2 | 115.3 |
| 0.4  | 0.5   | 1.1   | 1.0   | 0.7  | 0.5  | 0.5   |
| 0.6  | 0.5   | 0.3   | 0.3   | 0.6  | 0.6  | 0.2   |
| 7.5  | 8.4   | 9.0   | 9.5   | 9.6  | 6.9  | 9.9   |
| 2.5  | 2.9   | 2.3   | 2.5   | 3.1  | 2.9  | 5.0   |
| 1.1  | 1.0   | 1.9   | 1.7   | 1.9  | 1.6  | 1.4   |
| 1.7  | 2.2   | 1.8   | 1.6   | 2.3  | 3.1  | 0.9   |
| 2.4  | 2.3   | 2.7   | 3.1   | 3.3  | 1.5  | 1.1   |
| 2.0  | 2.3   | 1.9   | 2.4   | 2.8  | 1.4  | 0.8   |
| 2.6  | 3.7   | 4.0   | 3.8   | 4.4  | 3.1  | 2.6   |
| 4.4  | 5.4   | 7.0   | 7.6   | 6.7  | 7.0  | 6.4   |
| 16.8 | 19.5  | 19.5  | 19.8  | 19.2 | 19.7 | 15.2  |
| 1.8  | 1.8   | 1.8   | 1.6   | 1.1  | 1.7  | 2.1   |
| 3.6  | 4.2   | 4.3   | 4.2   | 4.5  | 4.8  | 2.5   |
| 7.8  | 6.3   | 8.6   | 10.2  | 10.0 | 8.5  | 17.7  |
| 19.9 | 16.3  | 11.8  | 16.0  | 29.7 | 27.4 | 4.7   |
| 0.8  | 0.8   | 14.1  | 1.5   | 1.6  | 1.5  | 2.2   |
| 8.1  | 8.6   | 10.8  | 14.0  | 10.8 | 9.3  | 12.9  |
| 27.0 | 32.4  | 32.3  | 38.1  | 36.2 | 30.8 | 53.7  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.9   | 1.5   | 1.7   | 1.4   | 1.2   | 1.7   | 1.2   |
| 5.8   | 7.4   | 7.0   | 6.8   | 5.1   | 8.6   | 13.6  |
| 0.7   | 0.7   | 0.9   | 0.8   | 0.6   | 0.8   | 0.7   |
| 3.0   | 2.4   | 3.6   | 4.0   | 3.5   | 4.1   | 4.0   |
| 1.0   | 1.7   | 1.3   | 2.3   | 1.7   | 1.4   | 0.9   |
| 33.5  | 38.6  | 38.3  | 43.1  | 41.7  | 44.4  | 36.9  |
| 0.0   | 0.0   | 0.1   | 0.2   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 6.2   | 6.2   | 4.8   | 4.8   | 7.3   | 7.2   | 4.7   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.3   | 0.7   | 0.4   | 0.3   | 0.4   | 0.4   | 0.2   |
| 2.8   | 2.9   | 5.0   | 5.1   | 3.8   | 5.0   | 3.1   |
| 9.6   | 8.7   | 7.4   | 9.6   | 10.8  | 9.2   | 7.5   |
| 0.2   | 0.1   | 0.2   | 0.2   | 0.2   | 0.1   | 0.0   |
| 1.7   | 1.4   | 1.2   | 1.5   | 1.9   | 1.3   | 6.1   |
| 2.3   | 2.1   | 2.3   | 2.1   | 2.6   | 2.7   | 2.5   |
| 4.2   | 3.6   | 3.8   | 5.4   | 4.5   | 3.9   | 8.6   |
| 0.5   | 0.9   | 0.7   | 0.7   | 0.5   | 0.6   | 0.9   |
| 411.5 | 351.6 | 329.1 | 398.1 | 525.8 | 361.6 | 668.1 |
| 1.4   | 1.6   | 2.9   | 2.5   | 2.1   | 1.7   | 1.6   |
| 0.0   | 0.1   | 0.3   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.3   | 0.4   | 0.4   | 0.6   | 0.4   | 0.5   | 0.6   |
| 17.9  | 21.3  | 16.7  | 17.4  | 22.8  | 20.8  | 14.4  |
| 1.0   | 1.1   | 1.2   | 0.8   | 1.4   | 0.8   | 1.4   |
| 0.1   | 0.1   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 3.5   | 4.0   | 3.9   | 4.4   | 4.2   | 4.7   | 4.5   |
| 0.0   | 0.0   | 0.2   | 0.4   | 0.0   | 0.4   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.3   | 0.0   | 0.3   | 0.0   |
| 2.7   | 2.5   | 2.7   | 2.9   | 3.5   | 2.5   | 3.2   |
| 0.1   | 0.0   | 0.2   | 0.4   | 0.1   | 0.5   | 0.0   |
| 3.5   | 5.0   | 4.9   | 4.2   | 5.0   | 5.0   | 5.7   |
| 0.0   | 0.0   | 0.2   | 0.4   | 0.0   | 0.0   | 0.0   |
| 3.8   | 4.5   | 6.6   | 5.6   | 3.6   | 10.3  | 4.5   |
| 4.1   | 5.1   | 4.9   | 5.5   | 4.3   | 3.9   | 5.0   |
| 35.3  | 66.6  | 53.8  | 55.6  | 50.8  | 53.2  | 52.5  |
| 0.0   | 0.1   | 1.0   | 0.6   | 0.3   | 0.2   | 0.0   |
| 6.6   | 8.0   | 8.9   | 10.3  | 6.7   | 6.4   | 7.5   |
| 6.2   | 4.8   | 3.7   | 5.0   | 5.2   | 6.8   | 4.2   |
| 1.4   | 1.0   | 2.3   | 2.0   | 1.1   | 1.3   | 0.3   |
| 1.5   | 1.6   | 2.1   | 2.3   | 1.7   | 1.6   | 1.5   |
| 0.8   | 1.9   | 1.5   | 1.9   | 1.7   | 2.1   | 1.4   |
| 0.0   | 0.1   | 0.7   | 0.2   | 0.1   | 0.0   | 0.0   |
| 8.4   | 10.1  | 9.7   | 8.6   | 11.2  | 10.9  | 5.7   |
| 0.1   | 0.2   | 0.7   | 0.6   | 0.0   | 0.2   | 0.0   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 1.7  | 1.9  | 1.8  | 1.7  | 2.8  | 2.1  | 0.8  |
| 12.1 | 17.7 | 16.0 | 17.3 | 16.7 | 16.7 | 19.5 |
| 12.5 | 14.9 | 11.2 | 11.7 | 14.9 | 13.6 | 11.1 |
| 6.7  | 9.0  | 8.2  | 9.0  | 7.9  | 8.3  | 9.8  |
| 0.0  | 0.4  | 0.1  | 0.6  | 0.3  | 0.8  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.1  | 0.7  | 1.0  | 0.0  | 0.8  | 0.0  |
| 0.1  | 0.0  | 0.0  | 0.1  | 0.0  | 0.2  | 0.0  |
| 16.5 | 16.9 | 16.1 | 15.9 | 24.5 | 25.4 | 7.5  |
| 0.1  | 0.1  | 0.5  | 0.3  | 0.2  | 0.2  | 0.0  |
| 2.3  | 1.6  | 3.4  | 3.5  | 2.5  | 2.7  | 2.8  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 2.0  | 2.2  | 2.2  | 1.6  | 2.6  | 3.1  | 2.8  |
| 1.6  | 1.2  | 2.0  | 2.9  | 2.3  | 1.9  | 3.1  |
| 0.1  | 0.2  | 0.7  | 0.1  | 0.2  | 0.3  | 0.0  |
| 0.5  | 0.7  | 1.0  | 1.8  | 1.0  | 1.0  | 0.0  |
| 1.5  | 2.0  | 1.1  | 1.1  | 1.6  | 1.3  | 1.9  |
| 0.1  | 0.0  | 0.2  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 1.0  | 0.0  | 0.3  | 0.0  |
| 1.2  | 1.9  | 2.0  | 1.6  | 1.4  | 1.4  | 1.7  |
| 1.1  | 1.2  | 1.2  | 0.7  | 1.5  | 1.1  | 0.4  |
| 2.6  | 3.7  | 2.8  | 1.8  | 5.9  | 3.8  | 0.0  |
| 0.1  | 0.2  | 0.5  | 0.3  | 0.0  | 0.0  | 0.0  |
| 2.5  | 3.5  | 3.2  | 3.9  | 4.0  | 3.4  | 1.4  |
| 1.3  | 1.7  | 0.6  | 1.4  | 2.2  | 1.6  | 1.6  |
| 6.6  | 9.7  | 9.7  | 8.8  | 9.6  | 10.0 | 4.2  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 2.1  | 4.7  | 3.5  | 4.3  | 4.1  | 3.9  | 1.4  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.3  | 0.2  | 0.0  | 0.0  |
| 0.4  | 0.7  | 0.9  | 0.7  | 0.9  | 0.9  | 0.4  |
| 2.2  | 2.7  | 3.1  | 4.1  | 2.5  | 2.9  | 3.8  |
| 2.5  | 2.7  | 2.8  | 2.5  | 2.2  | 1.7  | 0.9  |
| 14.9 | 17.3 | 16.6 | 18.8 | 18.3 | 22.6 | 14.3 |
| 2.2  | 2.7  | 4.5  | 1.6  | 2.0  | 1.5  | 0.6  |
| 2.1  | 4.2  | 3.6  | 3.6  | 2.6  | 3.8  | 4.1  |
| 3.5  | 4.2  | 4.5  | 4.9  | 3.7  | 4.3  | 6.6  |
| 3.6  | 4.1  | 3.3  | 3.7  | 3.8  | 2.1  | 7.1  |
| 2.7  | 2.9  | 3.3  | 4.7  | 3.5  | 3.3  | 5.6  |
| 0.2  | 0.2  | 0.3  | 0.2  | 0.6  | 0.2  | 0.0  |
| 1.8  | 2.4  | 2.9  | 2.7  | 2.2  | 3.2  | 2.1  |
| 1.3  | 1.2  | 1.3  | 1.4  | 2.0  | 2.1  | 1.0  |
| 1.1  | 1.2  | 1.4  | 1.5  | 1.6  | 1.6  | 0.8  |
| 1.2  | 1.3  | 1.4  | 2.1  | 1.7  | 3.2  | 1.3  |
| 0.3  | 0.7  | 1.4  | 1.0  | 0.7  | 1.0  | 0.7  |



|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 2.4  | 3.7  | 3.1  | 3.3  | 3.3  | 3.5  | 2.4  |
| 0.2  | 0.2  | 0.3  | 0.7  | 0.1  | 0.3  | 0.2  |
| 0.2  | 0.1  | 0.4  | 0.3  | 0.1  | 0.5  | 0.2  |
| 12.5 | 12.5 | 13.8 | 13.4 | 16.0 | 13.3 | 7.5  |
| 24.6 | 26.0 | 18.5 | 20.9 | 25.9 | 24.0 | 8.7  |
| 0.7  | 0.9  | 1.5  | 0.5  | 0.7  | 1.4  | 1.7  |
| 3.9  | 5.5  | 8.6  | 7.3  | 7.3  | 7.0  | 2.5  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 2.5  | 1.4  | 2.1  | 3.3  | 2.1  | 2.9  | 4.9  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.4  | 0.1  | 0.0  | 0.5  | 0.0  |
| 33.3 | 33.0 | 35.5 | 38.2 | 46.8 | 42.2 | 30.6 |
| 2.3  | 2.7  | 3.3  | 2.7  | 2.7  | 4.4  | 3.9  |
| 0.2  | 0.0  | 0.5  | 0.3  | 1.1  | 1.1  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.3  | 0.0  | 0.3  | 0.0  |
| 0.1  | 0.1  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.4  | 1.1  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.2  | 0.2  | 0.1  | 0.4  | 0.1  | 0.2  | 0.0  |
| 8.4  | 5.7  | 6.5  | 9.0  | 9.7  | 6.6  | 7.7  |
| 7.1  | 6.6  | 12.6 | 14.0 | 10.9 | 7.1  | 8.6  |
| 14.5 | 17.6 | 15.9 | 13.5 | 21.7 | 15.8 | 1.1  |
| 2.9  | 2.9  | 4.0  | 5.0  | 3.2  | 2.1  | 0.7  |
| 5.3  | 4.1  | 6.7  | 6.5  | 4.3  | 4.8  | 1.5  |
| 6.9  | 7.3  | 5.5  | 5.2  | 4.2  | 7.1  | 8.6  |
| 0.1  | 0.1  | 0.3  | 0.5  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.4  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.3  | 0.2  | 0.8  | 0.6  | 0.2  | 0.1  | 0.0  |
| 0.0  | 0.0  | 1.2  | 0.4  | 0.0  | 0.0  | 0.0  |
| 1.2  | 2.2  | 5.9  | 3.6  | 2.8  | 4.1  | 3.9  |
| 21.0 | 27.5 | 31.1 | 41.6 | 32.6 | 32.5 | 37.1 |
| 0.5  | 0.5  | 1.1  | 0.9  | 1.3  | 1.2  | 0.0  |
| 0.1  | 0.0  | 0.5  | 0.7  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.4  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.3  | 0.9  | 0.9  | 0.7  | 0.8  | 0.2  |
| 1.2  | 1.0  | 0.9  | 2.3  | 1.1  | 0.5  | 0.0  |
| 1.0  | 1.3  | 1.4  | 1.5  | 2.1  | 1.7  | 1.9  |
| 0.4  | 0.1  | 0.6  | 0.3  | 0.1  | 0.4  | 0.0  |
| 0.2  | 0.2  | 1.0  | 0.3  | 0.5  | 0.9  | 0.0  |
| 0.0  | 0.1  | 0.4  | 0.1  | 0.0  | 0.1  | 0.0  |
| 1.3  | 1.2  | 1.8  | 2.0  | 1.7  | 1.5  | 1.3  |
| 2.0  | 2.5  | 2.7  | 1.6  | 3.1  | 2.9  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.4  | 0.0  | 0.1  | 0.0  |
| 0.7  | 2.1  | 3.1  | 3.5  | 1.5  | 3.1  | 0.5  |
| 0.2  | 0.2  | 0.3  | 0.1  | 0.2  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.6  | 0.6  | 0.6  | 0.6  | 0.8  | 0.8  | 0.7  |
| 0.0  | 0.0  | 0.7  | 0.6  | 0.4  | 0.3  | 0.0  |
| 1.0  | 0.5  | 0.9  | 1.3  | 0.0  | 0.8  | 0.2  |
| 5.9  | 8.0  | 6.8  | 6.7  | 9.1  | 7.3  | 4.7  |
| 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 6.2  | 11.2 | 13.0 | 14.4 | 11.6 | 11.2 | 6.7  |
| 1.8  | 2.1  | 2.1  | 2.2  | 2.8  | 2.5  | 1.0  |
| 4.0  | 6.9  | 7.9  | 7.6  | 6.4  | 6.7  | 4.6  |
| 0.3  | 0.6  | 0.6  | 0.6  | 0.6  | 0.7  | 0.0  |
| 19.1 | 21.0 | 19.9 | 23.7 | 23.0 | 19.7 | 16.0 |
| 4.1  | 6.0  | 7.2  | 7.9  | 6.0  | 6.7  | 5.3  |
| 23.8 | 23.8 | 27.9 | 29.9 | 24.0 | 30.8 | 26.1 |
| 0.1  | 0.1  | 0.8  | 0.3  | 0.1  | 0.2  | 0.0  |
| 19.2 | 18.2 | 18.0 | 19.4 | 21.3 | 19.0 | 16.4 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.3  | 2.0  | 1.7  | 0.9  | 2.3  | 2.3  | 0.6  |
| 0.2  | 0.4  | 0.5  | 0.4  | 0.3  | 2.4  | 0.4  |
| 20.3 | 28.6 | 19.6 | 19.7 | 34.3 | 28.2 | 10.3 |
| 48.7 | 59.6 | 43.8 | 48.1 | 52.2 | 53.1 | 37.0 |
| 0.4  | 0.4  | 0.3  | 0.2  | 0.7  | 0.6  | 0.1  |
| 1.1  | 1.0  | 0.5  | 0.8  | 1.8  | 1.1  | 0.2  |
| 0.9  | 1.7  | 2.8  | 2.5  | 1.8  | 2.0  | 0.6  |
| 13.9 | 19.2 | 13.0 | 19.7 | 17.7 | 17.2 | 9.5  |
| 0.1  | 0.0  | 0.0  | 0.0  | 0.3  | 0.2  | 0.0  |
| 4.2  | 6.9  | 9.1  | 8.9  | 7.1  | 5.7  | 5.2  |
| 0.9  | 1.0  | 1.2  | 1.5  | 1.4  | 1.4  | 1.4  |
| 0.6  | 0.5  | 0.6  | 0.3  | 0.6  | 0.7  | 0.3  |
| 1.4  | 1.4  | 1.0  | 1.5  | 1.2  | 1.5  | 0.9  |
| 0.1  | 0.1  | 0.3  | 0.2  | 0.2  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 5.1  | 8.9  | 10.4 | 9.5  | 8.4  | 12.5 | 6.3  |
| 0.4  | 0.6  | 0.3  | 0.3  | 0.7  | 0.4  | 0.0  |
| 0.1  | 0.6  | 0.7  | 0.1  | 0.5  | 1.1  | 0.1  |
| 4.8  | 5.8  | 2.6  | 2.4  | 4.4  | 6.6  | 3.7  |
| 0.1  | 0.3  | 0.4  | 0.3  | 0.1  | 0.0  | 0.0  |
| 1.7  | 2.3  | 2.7  | 3.0  | 2.9  | 2.8  | 1.9  |
| 0.6  | 0.7  | 0.5  | 0.7  | 1.0  | 1.0  | 0.2  |
| 18.1 | 14.9 | 16.4 | 20.1 | 16.6 | 22.6 | 31.1 |
| 1.1  | 1.2  | 1.7  | 2.0  | 1.6  | 1.9  | 1.6  |
| 0.3  | 0.3  | 0.3  | 0.2  | 0.2  | 0.4  | 0.8  |
| 5.3  | 9.9  | 8.1  | 8.8  | 8.1  | 7.2  | 5.5  |
| 0.1  | 0.0  | 0.7  | 0.4  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 1.5  | 1.1  | 0.1  | 0.0  | 0.0  |
| 1.9  | 1.3  | 1.4  | 2.0  | 2.4  | 2.0  | 1.2  |
| 4.9  | 5.4  | 7.6  | 9.8  | 6.7  | 9.1  | 7.3  |
| 5.8  | 6.6  | 5.9  | 6.0  | 6.5  | 7.1  | 10.2 |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.2  | 0.0  |
| 1.6  | 3.6  | 4.1  | 4.0  | 2.7  | 3.5  | 2.6  |
| 12.6 | 10.1 | 12.4 | 15.7 | 13.5 | 12.3 | 19.8 |
| 0.4  | 0.4  | 1.1  | 0.9  | 0.8  | 0.5  | 1.7  |
| 3.6  | 4.8  | 4.4  | 5.4  | 7.4  | 4.5  | 0.8  |
| 0.7  | 0.9  | 1.2  | 0.8  | 1.0  | 0.9  | 1.2  |
| 3.9  | 3.2  | 4.3  | 5.2  | 5.1  | 5.1  | 9.1  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.1  | 0.0  | 0.0  |
| 1.5  | 1.9  | 2.5  | 2.3  | 2.2  | 2.2  | 2.1  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 14.9 | 15.2 | 10.0 | 11.5 | 14.1 | 17.8 | 18.3 |
| 10.6 | 14.2 | 7.5  | 6.6  | 9.9  | 8.9  | 3.9  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.2  | 0.1  | 0.0  |
| 4.0  | 5.5  | 4.5  | 5.0  | 6.0  | 5.8  | 4.6  |
| 0.1  | 0.5  | 0.2  | 0.6  | 0.0  | 1.5  | 0.0  |
| 3.5  | 4.4  | 4.8  | 4.6  | 4.5  | 5.8  | 1.5  |
| 5.1  | 7.5  | 7.7  | 7.2  | 6.9  | 4.6  | 2.5  |
| 0.2  | 0.1  | 0.6  | 0.1  | 0.1  | 0.3  | 0.0  |
| 54.3 | 66.2 | 66.0 | 77.2 | 60.1 | 58.0 | 72.6 |
| 0.3  | 0.6  | 1.1  | 1.2  | 0.6  | 1.1  | 0.6  |
| 1.2  | 2.1  | 2.4  | 2.8  | 2.0  | 2.7  | 0.7  |
| 0.9  | 0.3  | 0.4  | 1.0  | 1.7  | 0.8  | 0.0  |
| 0.4  | 0.4  | 0.5  | 1.4  | 0.4  | 1.1  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.7  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.4  | 1.0  | 0.6  | 0.5  | 0.6  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.3  | 0.0  | 0.3  | 0.0  |
| 0.0  | 0.2  | 0.1  | 0.4  | 0.1  | 0.3  | 0.0  |
| 3.8  | 6.0  | 6.0  | 5.9  | 6.3  | 5.9  | 5.3  |
| 2.1  | 3.1  | 2.4  | 2.7  | 3.9  | 2.2  | 0.9  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.2  | 0.3  | 0.1  | 0.2  | 0.5  | 0.2  | 0.0  |
| 1.5  | 2.1  | 1.2  | 1.3  | 1.6  | 1.8  | 0.6  |
| 1.4  | 0.9  | 1.4  | 1.5  | 2.5  | 1.6  | 1.3  |
| 0.8  | 0.6  | 0.9  | 0.6  | 1.3  | 1.0  | 0.3  |
| 8.5  | 9.2  | 8.7  | 7.1  | 12.6 | 9.0  | 3.7  |
| 0.7  | 1.0  | 1.3  | 1.9  | 1.5  | 1.0  | 0.6  |
| 0.2  | 0.3  | 1.1  | 0.7  | 0.2  | 1.0  | 0.0  |
| 3.5  | 5.6  | 4.9  | 6.3  | 9.3  | 3.1  | 1.6  |
| 15.3 | 16.1 | 14.0 | 14.0 | 19.8 | 16.3 | 4.3  |
| 9.1  | 12.7 | 11.8 | 14.0 | 16.2 | 12.5 | 13.3 |
| 6.7  | 7.1  | 5.4  | 5.0  | 9.6  | 9.0  | 3.2  |
| 0.2  | 0.1  | 0.6  | 0.4  | 0.5  | 0.1  | 0.3  |
| 8.3  | 9.5  | 5.7  | 5.6  | 12.1 | 9.9  | 2.1  |
| 3.1  | 3.7  | 6.1  | 4.3  | 4.5  | 3.3  | 6.7  |
| 10.7 | 13.5 | 12.7 | 15.0 | 18.3 | 16.4 | 11.1 |
| 0.0  | 0.1  | 0.1  | 0.3  | 0.0  | 0.0  | 0.0  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 80.6  | 94.6  | 105.0 | 122.2 | 92.6  | 97.0  | 85.0  |
| 2.3   | 3.5   | 3.1   | 3.1   | 5.4   | 4.8   | 0.4   |
| 13.8  | 17.9  | 15.4  | 15.9  | 17.5  | 20.2  | 8.5   |
| 0.1   | 0.1   | 0.2   | 0.6   | 0.2   | 0.1   | 0.0   |
| 10.2  | 10.1  | 10.9  | 10.5  | 14.6  | 9.1   | 2.6   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.1   | 0.2   | 0.2   | 0.1   | 0.4   | 0.0   |
| 1.9   | 2.5   | 3.3   | 3.5   | 3.4   | 3.2   | 3.1   |
| 0.9   | 0.5   | 0.4   | 0.4   | 0.2   | 1.3   | 0.5   |
| 1.0   | 1.4   | 1.1   | 0.9   | 1.4   | 1.2   | 0.5   |
| 2.4   | 5.3   | 6.1   | 6.5   | 5.8   | 4.8   | 3.9   |
| 0.0   | 0.0   | 0.4   | 0.3   | 0.0   | 0.0   | 0.0   |
| 15.1  | 19.1  | 20.9  | 20.4  | 15.0  | 18.8  | 17.9  |
| 2.3   | 2.8   | 1.8   | 2.4   | 3.3   | 3.0   | 2.2   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.9   | 1.5   | 1.4   | 1.4   | 1.1   | 1.6   | 0.6   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 6.0   | 7.2   | 8.0   | 8.1   | 9.7   | 8.0   | 5.6   |
| 6.9   | 7.4   | 8.0   | 6.6   | 7.1   | 7.4   | 9.5   |
| 0.0   | 1.0   | 0.8   | 0.4   | 1.5   | 0.7   | 0.0   |
| 2.7   | 2.9   | 2.8   | 3.7   | 2.6   | 2.5   | 1.9   |
| 45.2  | 65.3  | 54.0  | 64.7  | 74.1  | 60.5  | 49.0  |
| 2.1   | 2.2   | 1.8   | 1.6   | 3.1   | 1.4   | 0.5   |
| 0.4   | 0.3   | 1.0   | 0.9   | 0.7   | 0.6   | 0.2   |
| 5.6   | 6.2   | 7.6   | 7.6   | 6.1   | 7.3   | 5.9   |
| 0.2   | 0.7   | 1.1   | 0.9   | 0.5   | 1.1   | 0.2   |
| 0.5   | 0.4   | 0.8   | 0.7   | 0.7   | 0.9   | 1.4   |
| 0.0   | 0.0   | 0.3   | 0.2   | 0.0   | 0.2   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.1   | 0.2   | 0.1   | 0.0   | 0.2   | 0.0   |
| 209.9 | 223.6 | 234.4 | 249.7 | 275.8 | 245.0 | 318.4 |
| 0.6   | 0.6   | 0.8   | 0.6   | 0.8   | 0.6   | 0.5   |
| 3.7   | 11.0  | 6.6   | 6.5   | 11.0  | 12.3  | 6.4   |
| 1.2   | 0.5   | 0.8   | 1.2   | 0.2   | 0.7   | 1.0   |
| 13.7  | 18.0  | 14.3  | 14.6  | 13.1  | 16.5  | 13.6  |
| 13.9  | 11.2  | 12.9  | 17.0  | 14.0  | 14.9  | 35.5  |
| 13.9  | 14.7  | 15.5  | 19.6  | 16.0  | 19.2  | 17.5  |
| 8.8   | 13.6  | 14.0  | 15.2  | 12.7  | 13.8  | 6.9   |
| 0.0   | 0.0   | 0.2   | 0.2   | 0.2   | 0.6   | 0.0   |
| 2.2   | 1.9   | 2.4   | 3.3   | 2.2   | 2.7   | 4.7   |
| 1.0   | 1.3   | 3.4   | 3.7   | 2.3   | 2.5   | 0.7   |
| 11.4  | 9.6   | 15.6  | 17.5  | 12.6  | 15.7  | 15.7  |
| 12.7  | 15.8  | 17.2  | 19.5  | 14.0  | 17.6  | 25.0  |
| 1.1   | 0.9   | 1.2   | 0.8   | 1.0   | 1.0   | 0.9   |
| 11.8  | 9.6   | 8.9   | 9.3   | 8.2   | 14.7  | 21.5  |
| 2.2   | 3.1   | 2.9   | 2.9   | 3.4   | 2.7   | 2.8   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 1.0  | 2.3  | 3.8  | 4.0  | 1.8  | 5.2  | 0.1  |
| 0.3  | 0.4  | 0.5  | 0.5  | 0.5  | 0.8  | 0.2  |
| 0.0  | 0.0  | 0.3  | 0.1  | 0.1  | 0.2  | 0.6  |
| 2.7  | 3.2  | 3.7  | 3.4  | 3.9  | 4.4  | 0.9  |
| 10.4 | 12.5 | 10.4 | 10.9 | 10.9 | 9.4  | 8.8  |
| 0.9  | 0.8  | 0.9  | 1.5  | 1.3  | 1.4  | 1.3  |
| 1.5  | 1.5  | 1.0  | 1.3  | 1.9  | 1.1  | 0.7  |
| 0.0  | 0.1  | 0.1  | 0.8  | 0.0  | 0.8  | 0.0  |
| 3.2  | 3.5  | 4.9  | 5.1  | 3.4  | 3.1  | 4.0  |
| 2.2  | 3.5  | 5.0  | 4.7  | 4.2  | 4.5  | 4.5  |
| 4.4  | 6.6  | 6.4  | 6.2  | 6.1  | 7.1  | 6.2  |
| 0.2  | 0.0  | 0.0  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.2  | 0.0  | 0.4  | 0.0  | 0.3  | 0.0  |
| 0.2  | 0.6  | 0.4  | 0.6  | 0.6  | 0.2  | 0.0  |
| 0.4  | 0.4  | 0.5  | 1.1  | 0.6  | 0.7  | 0.4  |
| 1.0  | 1.1  | 1.1  | 1.0  | 1.6  | 1.3  | 0.4  |
| 4.9  | 6.9  | 7.1  | 8.0  | 8.3  | 10.8 | 6.7  |
| 0.1  | 0.2  | 0.2  | 0.3  | 0.2  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.7  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.1  | 0.2  |
| 17.4 | 17.0 | 21.4 | 21.1 | 15.3 | 16.9 | 25.5 |
| 4.7  | 5.5  | 5.7  | 6.1  | 7.8  | 5.7  | 4.9  |
| 0.1  | 0.1  | 0.4  | 0.1  | 0.0  | 0.1  | 0.0  |
| 3.0  | 2.6  | 2.5  | 3.5  | 3.6  | 3.3  | 2.4  |
| 0.5  | 0.7  | 1.0  | 0.7  | 1.5  | 1.8  | 0.8  |
| 0.6  | 0.7  | 0.5  | 0.3  | 0.8  | 0.9  | 2.5  |
| 1.0  | 0.9  | 0.9  | 0.8  | 1.2  | 1.7  | 0.6  |
| 0.2  | 0.4  | 0.2  | 0.4  | 0.3  | 0.2  | 0.7  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.1  | 0.1  | 0.0  |
| 2.3  | 4.2  | 6.6  | 6.2  | 3.8  | 5.8  | 1.3  |
| 5.6  | 7.3  | 9.0  | 10.2 | 7.8  | 9.9  | 9.5  |
| 0.3  | 0.1  | 0.2  | 0.4  | 0.3  | 0.2  | 0.1  |
| 0.3  | 0.4  | 0.9  | 1.0  | 0.6  | 0.6  | 0.8  |
| 3.0  | 3.7  | 5.0  | 4.3  | 2.6  | 4.4  | 1.3  |
| 7.6  | 9.5  | 9.5  | 9.8  | 8.0  | 11.3 | 9.6  |
| 1.7  | 2.7  | 2.7  | 3.4  | 2.5  | 2.0  | 1.9  |
| 29.9 | 34.6 | 39.8 | 48.2 | 37.3 | 37.4 | 54.4 |
| 5.5  | 6.1  | 5.5  | 4.9  | 6.9  | 6.2  | 4.8  |
| 4.3  | 4.4  | 4.0  | 4.1  | 5.7  | 4.3  | 1.2  |
| 0.3  | 0.3  | 0.3  | 0.2  | 0.7  | 0.3  | 0.2  |
| 0.7  | 1.8  | 0.3  | 0.2  | 0.1  | 0.3  | 1.7  |
| 0.6  | 0.8  | 2.2  | 0.9  | 0.9  | 2.1  | 0.0  |
| 10.9 | 10.3 | 10.3 | 10.7 | 12.1 | 13.1 | 12.2 |
| 30.2 | 26.4 | 26.7 | 28.0 | 32.6 | 26.9 | 23.2 |
| 13.1 | 18.1 | 17.3 | 15.6 | 16.7 | 19.5 | 15.3 |
| 2.4  | 2.8  | 2.5  | 2.7  | 3.4  | 2.7  | 5.5  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 4.1   | 6.5   | 4.2   | 5.2   | 7.5   | 7.1   | 1.7   |
| 4.3   | 5.0   | 3.2   | 3.3   | 6.1   | 4.9   | 2.0   |
| 3.8   | 4.4   | 6.1   | 6.4   | 5.4   | 5.0   | 4.2   |
| 0.0   | 0.0   | 0.0   | 0.3   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.3   | 0.9   | 1.2   | 1.1   | 0.6   | 1.5   | 0.5   |
| 0.1   | 0.1   | 0.3   | 0.1   | 0.3   | 0.0   | 0.0   |
| 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.4   | 0.7   | 1.1   | 0.5   | 0.6   | 0.6   |
| 348.2 | 438.2 | 449.6 | 456.0 | 440.5 | 432.4 | 639.7 |
| 11.1  | 20.9  | 17.6  | 15.8  | 21.3  | 19.8  | 12.1  |
| 0.0   | 0.2   | 0.0   | 0.5   | 0.0   | 0.0   | 0.0   |
| 5.7   | 7.2   | 6.6   | 7.2   | 6.4   | 8.2   | 5.9   |
| 0.1   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 18.7  | 22.4  | 16.6  | 16.6  | 26.2  | 25.4  | 8.3   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.1   | 0.1   | 0.0   |
| 2.0   | 2.3   | 2.8   | 2.5   | 2.9   | 2.8   | 1.3   |
| 1.9   | 1.8   | 2.0   | 1.7   | 3.1   | 1.9   | 1.0   |
| 0.0   | 0.2   | 0.2   | 0.1   | 0.4   | 0.5   | 0.0   |
| 0.1   | 0.5   | 0.2   | 0.4   | 0.4   | 0.5   | 0.6   |
| 0.4   | 0.9   | 1.7   | 1.7   | 0.9   | 0.9   | 1.1   |
| 11.3  | 17.5  | 20.3  | 17.5  | 16.3  | 17.8  | 11.6  |
| 0.9   | 1.1   | 0.7   | 0.7   | 0.9   | 1.1   | 0.7   |
| 24.0  | 37.0  | 33.9  | 42.1  | 39.6  | 35.3  | 23.6  |
| 4.2   | 5.1   | 4.4   | 4.3   | 5.3   | 5.8   | 2.4   |
| 0.1   | 0.1   | 0.1   | 0.2   | 0.1   | 0.1   | 0.2   |
| 0.0   | 0.0   | 0.2   | 0.3   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.2   | 0.5   | 0.4   | 0.1   | 0.5   | 0.0   |
| 0.2   | 0.0   | 1.1   | 0.4   | 0.1   | 1.5   | 0.0   |
| 0.1   | 0.3   | 0.5   | 0.4   | 0.0   | 0.3   | 0.0   |
| 22.7  | 27.1  | 30.9  | 29.2  | 27.2  | 30.8  | 28.8  |
| 0.1   | 0.0   | 0.6   | 0.2   | 0.3   | 0.4   | 0.0   |
| 0.5   | 0.8   | 0.9   | 0.8   | 0.8   | 0.9   | 0.8   |
| 7.8   | 7.2   | 7.5   | 8.1   | 8.8   | 8.5   | 3.2   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.0   |
| 2.4   | 3.9   | 4.8   | 3.6   | 3.6   | 4.2   | 3.4   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   |
| 11.3  | 12.9  | 12.4  | 15.1  | 9.1   | 12.2  | 11.1  |
| 10.5  | 12.4  | 6.5   | 9.1   | 10.2  | 11.6  | 4.5   |
| 4.5   | 3.7   | 2.6   | 3.9   | 4.6   | 7.0   | 0.9   |
| 2.0   | 2.3   | 4.1   | 4.8   | 2.8   | 3.4   | 2.6   |
| 0.2   | 0.3   | 0.5   | 0.3   | 1.0   | 0.5   | 1.5   |
| 11.1  | 10.5  | 10.4  | 12.1  | 13.4  | 15.1  | 4.0   |
| 33.7  | 38.2  | 16.7  | 20.0  | 22.4  | 41.2  | 59.0  |
| 1.4   | 1.5   | 2.6   | 3.9   | 1.7   | 2.4   | 0.0   |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 2.4   | 3.5   | 3.8   | 4.3   | 3.9   | 3.8   | 0.7   |
| 0.0   | 0.0   | 0.3   | 0.4   | 0.0   | 0.0   | 0.0   |
| 1.1   | 0.8   | 1.8   | 1.5   | 1.0   | 0.8   | 0.8   |
| 2.3   | 2.4   | 3.6   | 4.5   | 3.2   | 3.6   | 4.2   |
| 8.5   | 12.0  | 11.0  | 14.7  | 9.4   | 9.8   | 8.7   |
| 0.1   | 0.2   | 0.7   | 0.4   | 0.4   | 0.8   | 0.1   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.3   | 0.3   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.1   | 0.1   | 0.0   |
| 5.8   | 5.5   | 10.2  | 11.6  | 8.3   | 8.5   | 15.7  |
| 0.2   | 0.6   | 0.7   | 0.2   | 0.0   | 0.2   | 0.4   |
| 0.6   | 2.0   | 1.4   | 2.4   | 2.1   | 1.8   | 1.3   |
| 1.1   | 1.1   | 1.1   | 1.3   | 0.9   | 0.9   | 0.6   |
| 2.9   | 3.9   | 3.3   | 3.9   | 4.6   | 4.6   | 2.4   |
| 0.9   | 1.7   | 2.2   | 2.5   | 1.0   | 3.6   | 0.0   |
| 0.2   | 0.1   | 0.1   | 1.0   | 0.0   | 0.2   | 0.0   |
| 0.3   | 0.4   | 1.0   | 0.4   | 0.4   | 0.5   | 0.0   |
| 0.6   | 0.6   | 0.9   | 0.7   | 0.2   | 0.5   | 0.4   |
| 5.0   | 4.8   | 5.8   | 6.3   | 4.0   | 5.2   | 10.9  |
| 4.7   | 4.8   | 8.4   | 8.6   | 7.1   | 7.4   | 5.9   |
| 59.6  | 59.0  | 58.1  | 55.4  | 83.7  | 74.9  | 50.0  |
| 0.2   | 0.3   | 1.2   | 0.9   | 1.1   | 0.4   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.6   | 2.1   | 0.9   | 0.7   | 0.4   | 0.2   |
| 12.0  | 15.6  | 12.4  | 14.8  | 15.6  | 13.0  | 18.1  |
| 202.1 | 206.6 | 197.3 | 205.2 | 194.2 | 214.4 | 169.7 |
| 70.8  | 87.6  | 84.6  | 108.0 | 106.1 | 105.5 | 190.1 |
| 0.2   | 0.2   | 0.2   | 0.2   | 0.3   | 0.1   | 0.0   |
| 2.0   | 2.7   | 2.5   | 2.9   | 2.9   | 2.8   | 2.8   |
| 0.0   | 0.1   | 0.5   | 0.1   | 0.0   | 0.1   | 0.0   |
| 6.0   | 7.4   | 6.4   | 7.2   | 7.8   | 6.8   | 5.0   |
| 1.5   | 1.9   | 4.0   | 4.4   | 2.4   | 3.5   | 0.8   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.1   | 0.4   | 0.3   | 0.1   | 0.2   | 0.1   |
| 1.8   | 2.1   | 3.0   | 3.1   | 2.5   | 2.7   | 2.0   |
| 7.1   | 11.8  | 14.0  | 11.8  | 11.0  | 14.1  | 10.3  |
| 0.7   | 1.1   | 1.5   | 1.5   | 1.0   | 0.9   | 0.0   |
| 8.8   | 13.1  | 11.3  | 13.5  | 12.5  | 13.9  | 10.4  |
| 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.5   | 0.9   | 1.1   | 1.0   | 0.8   | 1.3   | 0.8   |
| 0.5   | 0.3   | 0.1   | 0.2   | 0.9   | 0.7   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 30.1  | 38.6  | 39.0  | 43.0  | 32.2  | 34.4  | 70.0  |
| 8.9   | 7.7   | 6.4   | 7.7   | 12.4  | 9.3   | 6.5   |
| 1.8   | 2.7   | 2.0   | 1.6   | 4.3   | 2.4   | 0.4   |
| 53.8  | 70.7  | 63.3  | 67.7  | 56.2  | 60.1  | 84.9  |
| 4.0   | 4.2   | 2.9   | 2.9   | 3.5   | 5.8   | 1.2   |
| 4.0   | 6.1   | 5.9   | 5.2   | 4.9   | 4.4   | 5.7   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.1  | 0.0  | 0.6  | 0.1  | 0.6  | 0.0  |
| 0.1  | 0.9  | 0.6  | 1.5  | 1.1  | 0.5  | 0.0  |
| 2.7  | 1.7  | 3.4  | 2.6  | 4.1  | 2.5  | 0.8  |
| 3.4  | 3.5  | 3.8  | 3.9  | 5.7  | 4.2  | 2.7  |
| 11.2 | 12.9 | 12.2 | 11.2 | 15.4 | 13.3 | 2.8  |
| 22.3 | 35.2 | 42.1 | 52.2 | 40.0 | 37.5 | 32.6 |
| 5.4  | 3.7  | 5.6  | 6.2  | 5.3  | 5.4  | 7.5  |
| 0.0  | 0.0  | 0.4  | 0.2  | 0.0  | 0.0  | 0.0  |
| 1.5  | 1.9  | 2.5  | 2.7  | 2.2  | 3.5  | 2.1  |
| 10.5 | 18.5 | 18.1 | 16.2 | 17.4 | 23.2 | 12.8 |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.2  | 0.0  |
| 1.9  | 2.8  | 3.5  | 1.6  | 3.0  | 4.0  | 0.0  |
| 11.0 | 14.7 | 18.2 | 16.6 | 14.7 | 16.8 | 5.2  |
| 4.9  | 4.1  | 4.7  | 5.5  | 5.4  | 4.8  | 10.2 |
| 11.6 | 21.6 | 18.0 | 17.3 | 14.8 | 15.6 | 6.9  |
| 26.6 | 25.4 | 24.1 | 27.9 | 25.9 | 26.0 | 18.4 |
| 0.7  | 1.1  | 1.8  | 3.0  | 1.7  | 2.9  | 3.2  |
| 11.8 | 17.1 | 17.1 | 18.6 | 16.5 | 18.2 | 16.9 |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.0  | 0.1  | 0.0  | 0.0  |
| 1.0  | 1.7  | 1.0  | 1.4  | 1.4  | 0.9  | 1.4  |
| 1.9  | 4.6  | 5.4  | 6.2  | 3.5  | 4.2  | 0.3  |
| 1.1  | 1.4  | 1.5  | 2.4  | 1.1  | 1.5  | 1.0  |
| 5.1  | 5.9  | 6.3  | 7.0  | 7.5  | 6.3  | 5.9  |
| 0.2  | 0.0  | 0.2  | 0.4  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.1  | 0.7  | 0.5  | 0.3  | 0.3  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.7  | 1.0  | 2.4  | 1.8  | 1.8  | 2.4  | 0.0  |
| 2.5  | 2.9  | 10.3 | 6.4  | 5.3  | 5.3  | 0.7  |
| 1.3  | 1.6  | 1.7  | 2.4  | 1.9  | 1.4  | 1.2  |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.2  | 0.0  | 0.0  |
| 2.9  | 2.7  | 3.0  | 3.4  | 3.5  | 3.8  | 3.6  |
| 35.0 | 38.7 | 41.3 | 43.4 | 40.7 | 39.6 | 40.5 |
| 0.0  | 0.0  | 0.6  | 0.3  | 0.0  | 0.2  | 0.0  |
| 6.1  | 5.6  | 5.4  | 5.4  | 8.8  | 6.8  | 5.8  |
| 1.9  | 2.1  | 2.7  | 2.8  | 2.1  | 3.4  | 1.7  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 14.8 | 19.5 | 19.3 | 21.1 | 20.1 | 18.9 | 16.6 |
| 0.3  | 0.0  | 0.0  | 0.8  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.1  | 0.5  | 0.5  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.3  | 1.5  | 1.0  | 1.1  | 1.7  | 1.8  | 0.6  |
| 0.4  | 0.4  | 0.8  | 0.9  | 1.1  | 0.7  | 0.1  |
| 0.6  | 0.5  | 0.5  | 0.5  | 1.2  | 0.6  | 0.4  |
| 46.2 | 47.0 | 51.9 | 55.4 | 60.3 | 60.7 | 70.7 |



|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.0   | 0.0   | 0.8   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.2   | 0.2   | 0.8   | 0.4   | 0.1   | 0.0   |
| 9.2   | 11.8  | 13.2  | 14.0  | 12.8  | 13.1  | 15.5  |
| 22.7  | 31.9  | 27.6  | 28.4  | 26.3  | 24.7  | 29.2  |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 7.3   | 9.6   | 11.6  | 12.8  | 12.0  | 10.6  | 10.9  |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.1   | 0.0   | 0.0   |
| 0.2   | 0.0   | 0.0   | 1.0   | 0.0   | 0.6   | 0.0   |
| 1.2   | 1.1   | 1.1   | 1.1   | 1.6   | 1.7   | 2.1   |
| 6.4   | 9.9   | 11.8  | 12.9  | 9.5   | 10.0  | 7.3   |
| 50.8  | 58.1  | 66.3  | 77.3  | 62.5  | 53.6  | 87.0  |
| 16.0  | 24.0  | 19.7  | 22.2  | 26.5  | 23.5  | 10.3  |
| 38.6  | 45.0  | 21.4  | 20.2  | 45.7  | 49.6  | 25.3  |
| 1.1   | 0.7   | 1.4   | 1.3   | 1.2   | 1.0   | 1.5   |
| 0.5   | 0.9   | 1.9   | 1.8   | 1.5   | 1.3   | 0.3   |
| 1.5   | 1.6   | 1.3   | 1.3   | 1.7   | 1.6   | 0.4   |
| 0.3   | 0.4   | 1.0   | 0.5   | 0.5   | 0.5   | 0.0   |
| 0.7   | 0.9   | 1.5   | 1.8   | 1.4   | 1.0   | 2.0   |
| 2.1   | 2.3   | 1.6   | 1.4   | 2.4   | 2.6   | 1.7   |
| 7.3   | 8.6   | 8.8   | 11.5  | 8.9   | 6.7   | 9.6   |
| 0.2   | 0.2   | 0.0   | 0.8   | 0.0   | 0.8   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.3   | 0.4   | 0.4   | 0.3   | 0.4   | 0.2   | 0.3   |
| 39.7  | 31.0  | 31.7  | 31.8  | 39.6  | 42.7  | 29.4  |
| 365.3 | 282.8 | 265.5 | 367.4 | 352.5 | 286.9 | 415.6 |
| 9.2   | 7.0   | 6.8   | 6.9   | 10.4  | 9.1   | 4.3   |
| 262.1 | 305.0 | 304.1 | 393.2 | 311.3 | 322.7 | 411.9 |
| 12.7  | 11.3  | 12.4  | 11.6  | 15.0  | 10.6  | 5.0   |
| 30.8  | 39.3  | 33.6  | 38.9  | 48.7  | 42.4  | 47.5  |
| 6.7   | 9.5   | 10.8  | 9.3   | 11.4  | 9.6   | 5.8   |
| 22.9  | 23.4  | 28.4  | 22.0  | 32.6  | 27.1  | 36.7  |
| 86.2  | 92.1  | 88.5  | 116.5 | 81.1  | 84.9  | 118.5 |
| 0.1   | 0.2   | 0.3   | 0.2   | 0.3   | 0.2   | 0.0   |
| 6.5   | 8.1   | 7.9   | 7.4   | 8.8   | 7.0   | 3.6   |
| 9.9   | 8.2   | 10.1  | 10.9  | 12.8  | 11.4  | 16.2  |
| 0.0   | 0.0   | 0.3   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.1   | 0.2   | 0.2   | 0.2   | 0.4   | 0.0   |
| 0.2   | 0.3   | 0.2   | 0.2   | 0.3   | 0.2   | 0.0   |
| 0.4   | 0.3   | 0.6   | 0.6   | 0.4   | 1.1   | 0.7   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   |
| 19.8  | 16.3  | 19.0  | 27.5  | 26.0  | 18.7  | 16.8  |
| 5.6   | 6.7   | 6.7   | 8.7   | 7.5   | 6.0   | 11.9  |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.3   | 0.0   | 0.1   | 0.0   |
| 8.5   | 5.9   | 9.4   | 11.6  | 12.8  | 7.1   | 10.3  |
| 0.5   | 0.7   | 1.3   | 1.4   | 0.9   | 0.9   | 0.8   |
| 31.7  | 36.2  | 19.2  | 18.3  | 24.5  | 42.7  | 16.3  |

|        |       |       |       |       |       |       |
|--------|-------|-------|-------|-------|-------|-------|
| 22.5   | 25.9  | 18.7  | 19.6  | 25.5  | 26.4  | 15.9  |
| 10.8   | 15.4  | 12.0  | 11.5  | 15.6  | 16.0  | 3.4   |
| 9.6    | 11.0  | 7.7   | 9.3   | 11.2  | 12.6  | 8.2   |
| 0.0    | 0.0   | 0.3   | 0.2   | 0.2   | 0.3   | 0.0   |
| 16.7   | 19.7  | 20.7  | 25.1  | 19.1  | 22.1  | 27.0  |
| 3.4    | 5.3   | 4.3   | 6.3   | 8.3   | 6.6   | 3.7   |
| 2.6    | 3.4   | 2.9   | 2.9   | 3.1   | 3.8   | 1.6   |
| 13.5   | 18.3  | 21.0  | 26.4  | 19.3  | 17.1  | 23.5  |
| 0.2    | 0.1   | 0.3   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0    | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   |
| 13.9   | 17.4  | 16.5  | 21.3  | 18.7  | 17.8  | 7.6   |
| 7.8    | 11.1  | 6.5   | 7.3   | 12.3  | 11.0  | 10.0  |
| 0.3    | 0.5   | 0.9   | 0.7   | 0.3   | 0.8   | 0.0   |
| 31.5   | 36.6  | 29.0  | 31.4  | 43.0  | 37.4  | 24.2  |
| 4.2    | 3.8   | 4.4   | 4.3   | 5.3   | 4.7   | 3.0   |
| 1.8    | 1.8   | 1.9   | 1.7   | 1.6   | 1.2   | 0.9   |
| 1193.0 | 964.7 | 656.7 | 679.0 | 717.8 | 749.3 | 690.2 |
| 0.6    | 2.3   | 4.2   | 3.7   | 1.3   | 3.7   | 0.5   |
| 5.8    | 6.0   | 5.7   | 6.7   | 5.0   | 5.4   | 9.6   |
| 0.1    | 0.0   | 0.2   | 0.4   | 0.0   | 0.2   | 0.0   |
| 3.8    | 3.2   | 7.2   | 9.3   | 8.3   | 6.9   | 3.8   |
| 0.0    | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0    | 0.0   | 1.0   | 0.0   | 0.0   | 0.9   | 0.0   |
| 0.0    | 0.0   | 1.0   | 0.7   | 0.0   | 0.0   | 0.0   |
| 0.0    | 0.0   | 0.2   | 0.3   | 0.0   | 1.2   | 0.0   |
| 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0    | 0.0   | 0.5   | 0.0   | 0.0   | 1.0   | 0.0   |
| 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0    | 0.0   | 0.0   | 1.3   | 0.0   | 0.0   | 0.0   |
| 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0    | 0.0   | 0.0   | 1.2   | 0.0   | 0.9   | 0.0   |
| 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0    | 0.0   | 0.8   | 0.9   | 0.0   | 0.0   | 0.0   |
| 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0    | 0.5   | 0.0   | 1.2   | 1.7   | 0.0   | 0.0   |
| 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 1.0   | 0.0   |
| 0.9    | 2.3   | 4.7   | 3.5   | 2.0   | 3.8   | 0.0   |
| 8.6    | 5.8   | 2.5   | 3.0   | 8.4   | 8.4   | 1.8   |
| 0.2    | 0.1   | 0.7   | 1.2   | 0.4   | 1.0   | 1.2   |
| 1.1    | 3.3   | 2.8   | 2.5   | 3.7   | 1.9   | 0.7   |
| 0.2    | 0.3   | 0.2   | 0.2   | 0.4   | 0.2   | 0.0   |
| 1.6    | 2.4   | 4.7   | 5.3   | 2.3   | 3.5   | 1.6   |
| 14.7   | 18.3  | 15.8  | 17.9  | 14.1  | 20.8  | 8.3   |
| 0.1    | 0.5   | 1.1   | 0.4   | 0.4   | 0.5   | 0.0   |
| 2.5    | 2.1   | 2.8   | 3.1   | 2.7   | 2.6   | 1.5   |
| 1.2    | 1.3   | 1.6   | 2.3   | 1.7   | 1.7   | 2.3   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 1.2  | 1.7  | 1.9  | 1.7  | 2.2  | 1.8  | 4.7  |
| 4.7  | 3.9  | 4.6  | 5.1  | 6.0  | 5.1  | 3.8  |
| 1.0  | 1.7  | 1.2  | 1.1  | 1.3  | 2.3  | 0.5  |
| 0.3  | 0.3  | 0.2  | 0.3  | 0.4  | 0.2  | 0.0  |
| 7.4  | 9.6  | 6.9  | 9.0  | 9.1  | 10.1 | 13.9 |
| 0.1  | 0.1  | 0.2  | 0.2  | 0.2  | 0.1  | 0.0  |
| 13.0 | 11.3 | 11.6 | 15.0 | 18.9 | 20.1 | 8.5  |
| 0.1  | 0.1  | 0.2  | 0.0  | 0.0  | 0.4  | 0.0  |
| 3.3  | 1.8  | 4.1  | 5.1  | 4.4  | 3.4  | 4.5  |
| 4.9  | 5.2  | 5.6  | 6.0  | 6.9  | 5.7  | 5.0  |
| 1.8  | 3.0  | 3.1  | 3.0  | 3.1  | 4.2  | 1.8  |
| 4.1  | 5.5  | 4.6  | 4.6  | 8.0  | 5.0  | 3.0  |
| 1.1  | 1.5  | 1.9  | 1.7  | 1.7  | 1.9  | 0.3  |
| 0.1  | 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  |
| 37.1 | 41.0 | 40.4 | 40.0 | 48.7 | 34.8 | 56.4 |
| 0.1  | 0.2  | 0.1  | 0.2  | 0.1  | 0.2  | 0.2  |
| 0.6  | 1.0  | 0.5  | 0.7  | 1.0  | 0.7  | 0.2  |
| 15.7 | 17.1 | 17.1 | 19.7 | 14.3 | 16.8 | 22.0 |
| 7.6  | 10.2 | 6.8  | 7.9  | 8.8  | 8.5  | 4.8  |
| 7.1  | 9.7  | 13.5 | 12.9 | 11.4 | 12.0 | 9.1  |
| 1.1  | 2.3  | 3.3  | 2.7  | 2.0  | 3.5  | 0.5  |
| 2.3  | 2.9  | 4.0  | 3.3  | 3.0  | 3.7  | 2.3  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 13.2 | 14.9 | 16.2 | 15.9 | 15.8 | 11.0 | 12.2 |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.1  | 0.1  | 0.2  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 1.2  | 1.4  | 1.2  | 1.2  | 1.8  | 1.9  | 1.5  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.0  | 1.3  | 0.9  | 0.8  | 1.3  | 1.5  | 0.8  |
| 0.1  | 0.1  | 0.2  | 0.2  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.3  | 0.6  | 0.4  | 0.3  | 0.5  | 0.3  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.2  | 0.2  | 0.1  | 0.1  | 0.3  | 0.2  | 0.1  |
| 6.6  | 7.6  | 6.2  | 8.0  | 8.2  | 4.6  | 10.5 |
| 11.8 | 10.6 | 14.7 | 16.4 | 16.6 | 15.4 | 17.8 |
| 5.2  | 9.2  | 11.8 | 11.1 | 9.3  | 10.1 | 4.2  |
| 0.8  | 0.8  | 0.7  | 0.7  | 0.9  | 0.6  | 1.0  |
| 3.5  | 3.9  | 2.6  | 3.1  | 4.8  | 1.9  | 1.0  |
| 4.3  | 4.2  | 3.2  | 2.5  | 5.5  | 5.5  | 4.4  |
| 1.9  | 2.4  | 3.4  | 3.8  | 3.6  | 2.2  | 0.5  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.0  | 0.1  | 0.0  |
| 6.3  | 8.2  | 6.9  | 6.6  | 8.9  | 8.5  | 3.2  |
| 0.4  | 0.7  | 1.9  | 1.3  | 0.6  | 0.8  | 0.5  |
| 22.6 | 31.5 | 32.2 | 31.8 | 33.6 | 32.5 | 27.2 |
| 9.4  | 9.4  | 9.7  | 10.3 | 11.7 | 10.1 | 10.3 |
| 0.3  | 0.1  | 0.3  | 0.4  | 0.3  | 0.3  | 0.1  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.0   | 0.1   | 0.2   | 0.6   | 0.0   | 0.4   | 0.0   |
| 15.8  | 16.8  | 15.5  | 15.2  | 20.2  | 18.3  | 11.6  |
| 35.8  | 53.5  | 58.5  | 63.2  | 55.9  | 51.6  | 56.9  |
| 1.6   | 2.0   | 2.4   | 2.2   | 2.0   | 3.1   | 1.2   |
| 5.0   | 6.6   | 8.3   | 8.2   | 6.6   | 7.9   | 6.9   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.2   | 0.1   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.1   | 0.2   | 0.2   | 0.2   | 0.3   | 0.3   | 0.6   |
| 4.6   | 10.6  | 12.0  | 12.8  | 8.8   | 10.1  | 10.1  |
| 9.9   | 12.0  | 8.3   | 8.9   | 8.0   | 11.3  | 13.0  |
| 0.2   | 0.3   | 0.7   | 0.9   | 0.2   | 0.5   | 0.0   |
| 6.2   | 5.1   | 4.4   | 4.6   | 6.5   | 7.6   | 8.7   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 7.0   | 8.1   | 8.2   | 9.6   | 11.0  | 7.5   | 12.3  |
| 1.0   | 1.0   | 2.8   | 2.0   | 2.6   | 1.4   | 1.2   |
| 0.5   | 0.5   | 0.6   | 1.1   | 0.6   | 0.7   | 1.0   |
| 0.8   | 0.9   | 1.1   | 1.2   | 1.7   | 1.6   | 3.1   |
| 18.4  | 21.7  | 17.7  | 22.9  | 19.3  | 18.9  | 18.9  |
| 0.9   | 1.6   | 2.8   | 2.1   | 1.4   | 2.4   | 0.8   |
| 9.3   | 10.5  | 10.2  | 12.1  | 10.3  | 10.9  | 12.7  |
| 2.0   | 2.2   | 3.1   | 2.8   | 2.7   | 2.4   | 4.9   |
| 0.2   | 0.6   | 0.7   | 0.5   | 0.4   | 0.3   | 0.7   |
| 3.0   | 5.5   | 4.7   | 5.2   | 4.0   | 7.3   | 3.7   |
| 5.2   | 5.6   | 6.0   | 7.6   | 6.1   | 6.6   | 5.1   |
| 0.0   | 0.0   | 0.6   | 0.2   | 0.1   | 0.4   | 0.0   |
| 1.9   | 2.6   | 3.2   | 2.8   | 2.3   | 3.0   | 2.5   |
| 1.4   | 2.5   | 2.6   | 2.0   | 2.2   | 2.2   | 0.5   |
| 0.0   | 0.1   | 0.2   | 0.2   | 0.1   | 0.0   | 0.0   |
| 7.0   | 7.5   | 9.5   | 12.3  | 7.8   | 7.3   | 9.4   |
| 7.6   | 10.6  | 10.4  | 11.3  | 10.5  | 11.9  | 8.3   |
| 7.7   | 10.1  | 12.6  | 14.3  | 9.2   | 13.7  | 11.7  |
| 2.6   | 2.5   | 1.4   | 1.6   | 2.1   | 3.7   | 2.1   |
| 0.3   | 0.5   | 0.7   | 0.7   | 0.5   | 0.7   | 0.2   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 23.1  | 24.0  | 26.1  | 26.7  | 26.9  | 25.2  | 28.3  |
| 1.8   | 1.8   | 2.3   | 2.4   | 2.5   | 2.4   | 3.3   |
| 4.2   | 4.1   | 3.2   | 2.8   | 5.1   | 5.4   | 2.1   |
| 560.6 | 798.8 | 748.9 | 748.4 | 601.6 | 634.2 | 617.9 |
| 0.3   | 0.2   | 0.2   | 0.3   | 0.2   | 0.3   | 0.4   |
| 22.6  | 23.6  | 23.0  | 26.4  | 24.1  | 27.1  | 23.6  |
| 1.1   | 1.8   | 2.3   | 2.2   | 1.4   | 2.8   | 0.6   |
| 13.3  | 15.3  | 15.4  | 16.9  | 15.4  | 14.5  | 16.1  |
| 1.2   | 0.9   | 1.7   | 1.1   | 1.9   | 1.3   | 0.7   |
| 10.6  | 5.2   | 6.8   | 7.7   | 7.7   | 8.6   | 18.0  |
| 8.2   | 6.5   | 7.5   | 8.0   | 11.7  | 10.5  | 1.7   |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 2.2   | 2.1   | 2.9   | 3.5   | 4.0   | 2.9   | 3.4   |
| 0.1   | 0.0   | 0.2   | 0.2   | 0.1   | 0.2   | 0.0   |
| 5.3   | 4.3   | 4.5   | 4.3   | 5.9   | 5.3   | 10.7  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.2   | 0.3   | 0.3   | 0.2   | 0.1   | 0.1   |
| 5.9   | 6.7   | 5.5   | 5.0   | 7.7   | 7.6   | 3.2   |
| 4.1   | 4.3   | 4.9   | 4.9   | 4.5   | 3.8   | 6.2   |
| 1.1   | 1.7   | 1.8   | 2.3   | 1.4   | 1.8   | 0.3   |
| 16.1  | 16.4  | 15.9  | 18.4  | 22.1  | 16.9  | 14.4  |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.1   | 0.1   | 0.0   |
| 13.5  | 13.7  | 18.2  | 14.7  | 15.6  | 19.3  | 19.4  |
| 0.1   | 0.3   | 0.6   | 0.5   | 0.2   | 0.3   | 0.3   |
| 0.2   | 0.6   | 1.0   | 0.6   | 0.4   | 0.4   | 0.2   |
| 0.3   | 0.3   | 0.4   | 0.6   | 0.5   | 0.5   | 0.0   |
| 0.7   | 1.0   | 0.9   | 0.6   | 1.7   | 0.7   | 0.2   |
| 2.4   | 2.2   | 3.1   | 4.4   | 4.5   | 3.5   | 4.0   |
| 2.3   | 3.2   | 5.0   | 5.7   | 4.4   | 3.8   | 5.5   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   |
| 2.8   | 3.2   | 2.2   | 2.7   | 2.4   | 3.6   | 2.5   |
| 0.2   | 0.6   | 1.1   | 0.9   | 0.4   | 0.7   | 0.0   |
| 1.3   | 1.1   | 1.2   | 0.9   | 0.9   | 1.2   | 0.7   |
| 1.7   | 1.3   | 2.5   | 3.0   | 2.6   | 2.9   | 3.4   |
| 7.0   | 9.3   | 8.7   | 10.1  | 7.0   | 9.9   | 9.7   |
| 2.2   | 2.7   | 2.5   | 2.9   | 2.9   | 2.2   | 2.1   |
| 20.8  | 33.1  | 36.4  | 36.5  | 37.8  | 31.9  | 8.2   |
| 0.2   | 0.2   | 0.1   | 0.2   | 0.1   | 0.3   | 0.1   |
| 0.0   | 0.1   | 0.0   | 0.1   | 0.1   | 0.2   | 0.2   |
| 3.5   | 2.8   | 2.9   | 3.1   | 3.6   | 3.4   | 3.2   |
| 0.1   | 0.2   | 0.3   | 0.6   | 0.2   | 0.5   | 0.0   |
| 0.6   | 0.6   | 0.5   | 0.5   | 0.7   | 0.4   | 0.0   |
| 5.6   | 6.7   | 6.9   | 7.1   | 5.7   | 6.9   | 8.1   |
| 0.0   | 0.0   | 0.0   | 0.4   | 0.0   | 0.0   | 0.0   |
| 0.3   | 0.5   | 0.6   | 0.5   | 0.4   | 0.5   | 0.2   |
| 147.2 | 151.0 | 147.7 | 133.5 | 159.6 | 164.2 | 144.3 |
| 10.8  | 14.1  | 8.9   | 10.9  | 13.0  | 14.7  | 11.6  |
| 2.9   | 4.0   | 2.1   | 2.1   | 3.9   | 3.0   | 1.0   |
| 4.7   | 5.4   | 3.3   | 3.1   | 3.8   | 6.0   | 5.2   |
| 5.0   | 6.3   | 6.1   | 6.2   | 6.2   | 6.1   | 1.9   |
| 1.1   | 1.5   | 0.9   | 1.2   | 1.4   | 1.2   | 0.7   |
| 0.8   | 1.4   | 2.7   | 2.3   | 1.7   | 2.8   | 1.5   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.0   | 0.1   | 0.2   |
| 4.1   | 5.4   | 5.7   | 4.2   | 7.2   | 6.5   | 3.8   |
| 10.7  | 13.1  | 13.2  | 10.2  | 18.3  | 16.3  | 7.4   |
| 3.9   | 7.2   | 7.5   | 8.0   | 6.7   | 7.7   | 3.9   |
| 0.1   | 0.0   | 0.2   | 0.0   | 0.1   | 0.0   | 0.0   |
| 3.0   | 5.6   | 5.3   | 6.4   | 5.3   | 6.4   | 5.9   |

|        |        |        |       |       |       |        |
|--------|--------|--------|-------|-------|-------|--------|
| 3.4    | 3.8    | 3.4    | 3.6   | 4.4   | 3.4   | 2.7    |
| 4.5    | 5.2    | 5.4    | 5.5   | 6.9   | 3.4   | 1.8    |
| 8.4    | 9.9    | 14.6   | 13.3  | 10.1  | 12.3  | 6.3    |
| 1.9    | 3.1    | 3.0    | 3.2   | 2.7   | 2.7   | 4.0    |
| 0.0    | 0.1    | 0.2    | 0.2   | 0.7   | 0.0   | 0.0    |
| 0.8    | 1.5    | 2.1    | 2.0   | 1.7   | 2.1   | 0.7    |
| 2211.0 | 1064.3 | 1401.5 | 502.3 | 824.2 | 693.3 | 3606.2 |
| 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0    |
| 6.6    | 6.7    | 3.3    | 3.7   | 5.6   | 7.5   | 5.3    |
| 2.7    | 2.8    | 2.5    | 3.1   | 3.5   | 2.1   | 2.2    |
| 0.1    | 0.1    | 0.3    | 0.5   | 0.1   | 0.1   | 0.0    |
| 0.0    | 0.0    | 0.1    | 0.2   | 0.1   | 0.1   | 0.0    |
| 9.7    | 10.2   | 10.2   | 7.3   | 12.5  | 14.5  | 3.1    |
| 0.5    | 0.0    | 0.4    | 1.7   | 1.4   | 1.0   | 0.0    |
| 6.2    | 7.2    | 5.2    | 5.3   | 10.2  | 6.5   | 4.9    |
| 3.5    | 3.5    | 3.1    | 3.4   | 3.9   | 2.1   | 1.5    |
| 0.5    | 0.7    | 0.6    | 0.4   | 0.9   | 0.8   | 0.4    |
| 2.6    | 2.3    | 3.0    | 3.7   | 2.8   | 4.1   | 5.9    |
| 1.1    | 1.4    | 1.9    | 2.1   | 1.9   | 1.6   | 0.4    |
| 0.0    | 0.1    | 0.1    | 0.0   | 0.0   | 0.2   | 0.0    |
| 0.4    | 0.1    | 1.0    | 0.2   | 0.0   | 0.3   | 0.0    |
| 1.7    | 1.5    | 2.7    | 1.6   | 1.8   | 1.6   | 1.8    |
| 1.6    | 2.1    | 1.4    | 1.8   | 1.5   | 1.1   | 1.4    |
| 1.4    | 1.3    | 1.3    | 1.7   | 1.1   | 1.0   | 1.7    |
| 8.8    | 11.9   | 11.9   | 12.2  | 8.6   | 13.1  | 13.3   |
| 5.9    | 8.2    | 7.7    | 11.1  | 8.1   | 9.9   | 8.8    |
| 0.0    | 0.0    | 0.9    | 0.4   | 0.4   | 0.3   | 0.0    |
| 0.0    | 0.1    | 0.7    | 0.7   | 0.1   | 0.5   | 0.0    |
| 5.4    | 7.3    | 10.2   | 10.8  | 7.0   | 8.8   | 7.6    |
| 0.7    | 0.7    | 1.5    | 1.1   | 1.2   | 0.6   | 0.9    |
| 3.3    | 2.6    | 3.1    | 3.1   | 3.0   | 3.3   | 4.1    |
| 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.4   | 0.0    |
| 0.0    | 0.1    | 0.0    | 0.2   | 0.0   | 0.0   | 0.0    |
| 0.5    | 0.3    | 0.3    | 0.6   | 0.3   | 0.5   | 0.9    |
| 4.1    | 5.6    | 5.9    | 5.5   | 6.8   | 6.4   | 2.6    |
| 0.4    | 0.7    | 0.8    | 1.1   | 1.0   | 0.6   | 0.2    |
| 51.2   | 53.6   | 38.1   | 45.9  | 44.1  | 34.9  | 53.5   |
| 148.2  | 163.6  | 182.0  | 165.4 | 151.0 | 155.4 | 178.7  |
| 0.1    | 0.2    | 0.4    | 0.6   | 0.3   | 0.3   | 0.0    |
| 0.2    | 0.3    | 0.2    | 0.1   | 0.3   | 0.3   | 0.0    |
| 0.1    | 0.2    | 0.2    | 0.1   | 0.5   | 0.2   | 0.0    |
| 3.4    | 3.4    | 3.1    | 3.8   | 4.2   | 4.3   | 2.7    |
| 1.4    | 1.4    | 2.3    | 2.2   | 2.7   | 1.4   | 1.9    |
| 6.4    | 8.9    | 9.8    | 11.0  | 10.0  | 7.4   | 5.7    |
| 0.7    | 1.2    | 0.9    | 1.0   | 1.2   | 1.3   | 0.8    |
| 0.8    | 1.1    | 0.9    | 0.9   | 1.6   | 1.0   | 0.1    |
| 1.3    | 3.6    | 3.4    | 3.0   | 2.0   | 2.8   | 1.0    |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.8   | 0.8   | 0.9   | 1.0   | 1.3   | 1.1   | 0.0   |
| 5.2   | 4.9   | 6.0   | 6.8   | 6.6   | 3.9   | 3.8   |
| 0.5   | 0.8   | 0.8   | 0.8   | 0.7   | 0.9   | 0.0   |
| 1.5   | 1.9   | 1.8   | 1.9   | 2.6   | 1.8   | 1.9   |
| 1.0   | 1.6   | 2.6   | 1.9   | 1.3   | 3.0   | 0.3   |
| 0.7   | 0.7   | 1.1   | 1.3   | 0.8   | 0.8   | 0.9   |
| 0.3   | 0.6   | 0.9   | 0.7   | 0.8   | 0.0   | 0.0   |
| 0.2   | 0.5   | 0.8   | 0.7   | 0.4   | 1.3   | 0.1   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 8.0   | 9.4   | 9.6   | 11.5  | 11.1  | 8.7   | 9.9   |
| 4.1   | 7.7   | 4.7   | 5.7   | 4.7   | 7.8   | 0.0   |
| 0.1   | 0.3   | 0.9   | 0.9   | 0.2   | 0.0   | 0.0   |
| 1.0   | 2.1   | 2.6   | 2.8   | 1.9   | 2.6   | 0.9   |
| 1.3   | 1.8   | 2.0   | 2.1   | 1.9   | 1.6   | 0.6   |
| 0.4   | 0.5   | 0.5   | 0.5   | 0.7   | 1.0   | 0.4   |
| 13.1  | 14.6  | 14.7  | 14.8  | 16.1  | 15.2  | 10.3  |
| 42.8  | 25.3  | 33.4  | 41.7  | 43.2  | 46.4  | 98.0  |
| 4.0   | 4.6   | 5.5   | 7.0   | 6.3   | 7.0   | 4.7   |
| 231.9 | 241.4 | 238.5 | 263.0 | 265.7 | 262.3 | 224.9 |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.1   | 0.0   | 0.0   |
| 0.9   | 1.1   | 2.1   | 1.8   | 2.1   | 2.0   | 1.0   |
| 0.3   | 0.3   | 0.5   | 0.5   | 0.8   | 0.2   | 0.8   |
| 1.6   | 1.6   | 2.3   | 1.5   | 1.7   | 1.9   | 2.8   |
| 0.2   | 0.3   | 0.4   | 0.4   | 0.3   | 0.9   | 0.0   |
| 0.2   | 0.3   | 0.2   | 0.3   | 1.0   | 0.6   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 2.9   | 2.4   | 2.9   | 2.8   | 3.3   | 2.2   | 2.4   |
| 0.9   | 0.6   | 1.6   | 0.7   | 0.6   | 1.3   | 0.6   |
| 0.0   | 0.1   | 0.2   | 0.3   | 0.1   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.2   | 0.3   | 0.2   | 0.2   | 0.0   | 0.0   |
| 4.6   | 4.0   | 4.9   | 4.9   | 5.3   | 5.4   | 3.4   |
| 0.2   | 0.2   | 0.8   | 0.7   | 0.4   | 1.2   | 0.0   |
| 5.7   | 10.1  | 6.7   | 5.2   | 8.8   | 7.8   | 3.4   |
| 3.0   | 3.9   | 2.0   | 2.4   | 5.2   | 4.2   | 1.4   |
| 6.4   | 7.9   | 8.2   | 9.2   | 8.5   | 8.1   | 1.1   |
| 1.7   | 2.2   | 2.5   | 2.6   | 3.0   | 1.9   | 0.3   |
| 0.8   | 0.7   | 0.7   | 0.8   | 0.9   | 0.9   | 1.8   |
| 0.1   | 0.0   | 0.1   | 0.1   | 0.1   | 0.1   | 0.0   |
| 1.7   | 1.9   | 5.9   | 3.5   | 1.8   | 3.6   | 0.7   |
| 6.2   | 5.6   | 11.6  | 9.4   | 7.5   | 5.4   | 8.4   |
| 2.2   | 2.5   | 1.8   | 1.8   | 2.2   | 2.0   | 1.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.1   | 0.0   | 0.0   |
| 2.5   | 2.7   | 3.4   | 2.9   | 2.8   | 3.5   | 1.0   |
| 0.1   | 0.2   | 0.5   | 0.3   | 0.2   | 0.4   | 0.1   |
| 5.3   | 7.4   | 9.3   | 8.8   | 6.2   | 6.4   | 2.8   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 3.7  | 4.0  | 5.6  | 4.8  | 4.9  | 4.6  | 3.1  |
| 3.9  | 4.8  | 5.9  | 4.4  | 5.0  | 5.7  | 3.7  |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.0  | 0.5  | 0.0  |
| 2.0  | 2.5  | 2.2  | 1.9  | 2.4  | 1.4  | 2.1  |
| 17.1 | 15.7 | 13.4 | 21.3 | 19.9 | 20.0 | 7.9  |
| 0.1  | 0.0  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  |
| 15.5 | 15.9 | 15.7 | 16.0 | 17.1 | 16.0 | 13.8 |
| 15.0 | 14.8 | 14.6 | 15.7 | 14.5 | 15.4 | 12.6 |
| 4.3  | 4.7  | 1.0  | 1.2  | 1.1  | 3.4  | 6.3  |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.2  |
| 0.6  | 1.5  | 1.1  | 1.3  | 0.8  | 1.9  | 1.0  |
| 2.3  | 2.9  | 2.0  | 1.4  | 1.3  | 2.3  | 3.0  |
| 3.8  | 3.4  | 3.5  | 3.8  | 5.0  | 3.2  | 2.5  |
| 0.6  | 1.2  | 1.4  | 1.5  | 1.1  | 1.4  | 0.2  |
| 1.5  | 1.6  | 1.0  | 1.1  | 1.7  | 2.4  | 0.5  |
| 3.7  | 4.0  | 3.4  | 2.9  | 3.9  | 3.5  | 2.7  |
| 0.6  | 0.8  | 0.9  | 0.9  | 0.8  | 0.9  | 0.4  |
| 3.3  | 3.2  | 2.3  | 2.1  | 4.4  | 4.9  | 1.2  |
| 6.9  | 8.4  | 7.0  | 7.8  | 9.4  | 9.2  | 12.2 |
| 0.0  | 0.0  | 0.3  | 0.0  | 0.0  | 0.6  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.4  | 0.3  | 0.2  | 0.1  | 0.0  |
| 1.7  | 2.0  | 1.6  | 2.5  | 2.9  | 1.1  | 1.6  |
| 2.2  | 3.7  | 6.7  | 6.2  | 2.9  | 6.8  | 4.0  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  |
| 3.2  | 3.9  | 2.2  | 2.4  | 4.1  | 3.2  | 3.8  |
| 1.0  | 1.4  | 1.3  | 1.5  | 1.2  | 1.2  | 1.1  |
| 0.1  | 0.0  | 0.0  | 0.4  | 0.1  | 0.0  | 0.0  |
| 3.2  | 3.2  | 2.8  | 2.8  | 4.0  | 3.8  | 3.6  |
| 2.7  | 3.2  | 4.2  | 4.2  | 3.3  | 2.8  | 3.0  |
| 0.7  | 1.1  | 3.6  | 3.3  | 1.3  | 2.7  | 0.2  |
| 3.8  | 4.4  | 3.1  | 3.7  | 4.6  | 7.8  | 1.8  |
| 3.0  | 6.1  | 12.0 | 11.1 | 6.0  | 9.8  | 2.0  |
| 0.2  | 0.3  | 0.5  | 0.3  | 0.1  | 0.3  | 1.1  |
| 66.5 | 76.5 | 50.8 | 53.8 | 76.8 | 91.7 | 65.5 |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.3  | 0.7  | 1.0  | 1.5  | 0.7  | 1.0  | 0.4  |
| 1.5  | 2.4  | 2.4  | 2.1  | 2.8  | 3.1  | 0.9  |
| 1.4  | 3.9  | 5.6  | 6.6  | 4.2  | 6.9  | 0.0  |
| 0.6  | 0.4  | 1.6  | 0.8  | 0.8  | 0.9  | 0.5  |
| 0.5  | 0.7  | 1.1  | 0.9  | 0.7  | 1.6  | 0.1  |
| 1.4  | 2.2  | 1.7  | 1.8  | 2.7  | 2.9  | 1.9  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.2  | 0.0  | 0.1  | 0.6  |
| 4.0  | 3.9  | 2.6  | 2.2  | 3.2  | 4.8  | 4.3  |



|      |      |      |      |      |      |     |
|------|------|------|------|------|------|-----|
| 1.4  | 2.8  | 10.4 | 7.1  | 4.2  | 7.6  | 1.1 |
| 1.8  | 3.3  | 2.9  | 3.3  | 3.1  | 3.0  | 3.3 |
| 1.8  | 3.0  | 2.2  | 2.5  | 2.7  | 2.0  | 1.0 |
| 0.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.2  | 0.7  | 2.0  | 2.3  | 0.9  | 2.0  | 0.1 |
| 3.3  | 3.3  | 3.6  | 3.8  | 3.6  | 3.9  | 3.0 |
| 2.0  | 4.0  | 3.8  | 4.2  | 4.0  | 4.5  | 0.9 |
| 0.1  | 0.0  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0 |
| 2.7  | 3.9  | 3.1  | 4.5  | 3.9  | 2.9  | 4.0 |
| 4.4  | 6.6  | 5.2  | 5.0  | 5.6  | 7.1  | 3.1 |
| 0.1  | 0.0  | 0.4  | 0.4  | 0.5  | 0.4  | 0.0 |
| 0.1  | 0.1  | 0.1  | 0.2  | 0.0  | 0.1  | 0.0 |
| 2.6  | 2.9  | 2.3  | 2.4  | 3.1  | 3.8  | 3.2 |
| 0.0  | 0.4  | 0.4  | 0.6  | 0.1  | 0.4  | 0.0 |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0 |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.1  | 0.1  | 0.0 |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1 |
| 0.2  | 0.0  | 0.2  | 0.3  | 0.0  | 0.1  | 0.0 |
| 0.2  | 0.2  | 0.1  | 0.3  | 0.4  | 0.2  | 0.2 |
| 1.2  | 1.3  | 1.6  | 1.5  | 1.4  | 1.5  | 0.5 |
| 1.1  | 1.8  | 1.4  | 1.3  | 0.6  | 2.0  | 1.6 |
| 1.5  | 2.8  | 8.0  | 5.1  | 2.0  | 4.9  | 4.5 |
| 1.6  | 2.9  | 4.5  | 3.6  | 2.8  | 2.9  | 0.7 |
| 0.9  | 0.8  | 0.9  | 0.8  | 0.8  | 0.8  | 1.2 |
| 11.3 | 13.7 | 14.3 | 14.1 | 10.8 | 9.0  | 8.8 |
| 0.6  | 0.4  | 1.1  | 0.7  | 1.1  | 0.5  | 0.4 |
| 0.4  | 0.8  | 1.2  | 0.8  | 0.5  | 1.1  | 0.0 |
| 0.1  | 0.2  | 1.2  | 0.7  | 0.4  | 0.4  | 0.0 |
| 0.0  | 0.1  | 0.0  | 0.0  | 0.1  | 0.2  | 0.0 |
| 1.9  | 1.8  | 3.2  | 2.5  | 2.6  | 3.7  | 0.9 |
| 1.6  | 2.3  | 3.8  | 5.3  | 2.0  | 3.5  | 0.0 |
| 1.2  | 1.9  | 2.1  | 2.3  | 2.1  | 1.9  | 2.5 |
| 7.5  | 8.0  | 8.5  | 8.7  | 11.2 | 8.9  | 6.1 |
| 4.7  | 7.4  | 7.1  | 8.9  | 7.7  | 8.6  | 7.5 |
| 3.1  | 5.3  | 9.3  | 9.1  | 8.0  | 11.5 | 0.7 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.3  | 0.0  | 0.0 |
| 1.4  | 6.2  | 15.4 | 18.9 | 4.4  | 11.4 | 1.1 |
| 0.0  | 0.0  | 0.2  | 0.3  | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0 |
| 5.1  | 6.4  | 6.1  | 7.5  | 6.6  | 7.8  | 4.7 |
| 5.2  | 6.4  | 5.7  | 5.4  | 7.4  | 7.8  | 3.4 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.1  | 0.0  | 1.1  | 0.5  | 0.3  | 1.0  | 0.0 |
| 0.2  | 0.0  | 0.9  | 0.1  | 0.0  | 0.4  | 0.0 |
| 0.1  | 0.2  | 0.4  | 1.0  | 0.1  | 0.6  | 0.0 |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.1  | 0.0  | 0.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 29.6  | 31.9  | 21.0  | 29.2  | 30.5  | 33.9  | 40.3  |
| 457.5 | 403.2 | 425.1 | 420.0 | 584.0 | 473.5 | 374.0 |
| 17.1  | 21.5  | 19.8  | 18.3  | 18.3  | 20.3  | 26.9  |
| 633.8 | 683.0 | 675.9 | 717.7 | 606.0 | 656.3 | 811.7 |
| 7.4   | 8.9   | 9.1   | 8.6   | 12.1  | 12.1  | 8.7   |
| 0.0   | 0.0   | 0.2   | 0.3   | 0.0   | 0.1   | 0.0   |
| 0.6   | 0.7   | 0.2   | 0.2   | 0.8   | 0.5   | 0.2   |
| 0.9   | 0.6   | 1.0   | 1.3   | 1.2   | 0.6   | 0.2   |
| 0.1   | 0.1   | 0.4   | 0.3   | 0.0   | 0.3   | 0.0   |
| 0.5   | 0.7   | 0.3   | 0.3   | 0.8   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 7.1   | 9.3   | 9.5   | 10.1  | 9.3   | 9.5   | 5.7   |
| 0.9   | 0.9   | 1.3   | 1.0   | 1.1   | 1.0   | 0.2   |
| 10.5  | 9.9   | 11.7  | 12.6  | 15.4  | 12.2  | 14.0  |
| 14.0  | 20.0  | 20.7  | 20.7  | 21.2  | 22.8  | 8.2   |
| 4.4   | 4.1   | 7.4   | 9.4   | 5.4   | 8.2   | 9.2   |
| 0.2   | 0.5   | 2.7   | 1.0   | 0.4   | 0.9   | 0.4   |
| 4.9   | 8.0   | 8.8   | 8.8   | 10.7  | 8.5   | 6.5   |
| 1.5   | 1.1   | 1.1   | 0.9   | 1.6   | 1.2   | 0.9   |
| 1.4   | 0.9   | 3.4   | 3.9   | 2.6   | 3.2   | 0.5   |
| 23.2  | 24.9  | 23.4  | 21.7  | 32.1  | 32.7  | 14.3  |
| 14.3  | 20.8  | 16.8  | 16.4  | 24.7  | 24.0  | 7.3   |
| 1.6   | 1.9   | 1.7   | 1.5   | 2.4   | 1.8   | 0.2   |
| 0.1   | 0.2   | 0.3   | 0.1   | 0.4   | 0.2   | 0.0   |
| 0.3   | 0.4   | 0.2   | 0.2   | 0.4   | 0.2   | 1.5   |
| 1.2   | 0.9   | 1.8   | 1.0   | 1.3   | 1.4   | 0.7   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.3   | 0.9   | 0.4   | 0.5   | 1.0   | 1.3   | 2.0   |
| 0.1   | 0.3   | 0.2   | 0.2   | 0.4   | 0.6   | 0.6   |
| 1.1   | 1.6   | 1.9   | 1.5   | 2.4   | 1.5   | 1.8   |
| 3.2   | 3.5   | 3.5   | 4.9   | 6.7   | 5.1   | 2.5   |
| 1.2   | 1.4   | 1.6   | 1.6   | 1.5   | 2.2   | 1.2   |
| 3.2   | 3.9   | 6.3   | 6.3   | 5.2   | 5.3   | 4.8   |
| 0.5   | 0.5   | 1.4   | 1.9   | 0.7   | 1.3   | 0.0   |
| 0.7   | 1.3   | 2.5   | 3.3   | 1.1   | 2.3   | 0.4   |
| 0.3   | 0.5   | 0.4   | 0.3   | 0.4   | 0.7   | 0.1   |
| 3.2   | 3.2   | 2.2   | 3.0   | 3.9   | 3.8   | 6.1   |
| 0.1   | 0.3   | 0.6   | 0.6   | 0.2   | 0.6   | 0.3   |
| 3.0   | 4.8   | 4.0   | 4.2   | 3.6   | 4.5   | 3.2   |
| 0.0   | 0.1   | 0.0   | 0.1   | 0.0   | 0.1   | 1.8   |
| 0.8   | 0.5   | 1.2   | 0.5   | 1.0   | 1.3   | 0.3   |
| 9.6   | 13.5  | 8.8   | 8.4   | 12.1  | 13.5  | 6.7   |
| 3.6   | 3.5   | 4.7   | 6.5   | 5.8   | 4.2   | 3.9   |
| 1.6   | 1.8   | 1.4   | 1.4   | 2.3   | 2.0   | 0.9   |
| 24.3  | 29.2  | 31.8  | 35.3  | 26.9  | 29.9  | 30.9  |
| 10.7  | 20.6  | 19.5  | 15.6  | 15.8  | 16.8  | 14.6  |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |

|      |      |      |      |      |      |       |
|------|------|------|------|------|------|-------|
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0   |
| 0.1  | 0.1  | 0.5  | 0.4  | 0.1  | 0.3  | 0.0   |
| 0.3  | 0.7  | 0.8  | 0.7  | 0.3  | 0.6  | 1.7   |
| 0.0  | 0.2  | 0.2  | 0.4  | 0.1  | 0.1  | 0.0   |
| 0.6  | 0.8  | 0.7  | 0.7  | 1.0  | 0.7  | 0.3   |
| 9.1  | 10.2 | 11.4 | 17.1 | 9.7  | 13.2 | 7.8   |
| 1.6  | 1.0  | 2.6  | 3.2  | 2.3  | 1.8  | 2.5   |
| 0.0  | 0.0  | 0.4  | 0.1  | 0.1  | 0.5  | 0.0   |
| 67.2 | 79.4 | 77.4 | 90.5 | 73.6 | 75.8 | 120.1 |
| 2.1  | 2.0  | 1.9  | 1.4  | 3.1  | 0.9  | 0.3   |
| 0.5  | 0.7  | 0.5  | 0.5  | 0.4  | 0.3  | 0.5   |
| 1.7  | 3.9  | 4.7  | 4.3  | 3.6  | 5.8  | 0.5   |
| 0.4  | 0.2  | 0.6  | 0.0  | 0.9  | 2.0  | 9.0   |
| 0.4  | 1.0  | 1.8  | 1.3  | 0.9  | 1.8  | 0.4   |
| 1.4  | 1.0  | 0.1  | 1.3  | 0.3  | 0.4  | 1.1   |
| 3.2  | 3.3  | 4.1  | 3.7  | 3.9  | 4.5  | 3.3   |
| 0.1  | 0.0  | 0.2  | 0.2  | 0.1  | 0.0  | 0.0   |
| 3.4  | 2.8  | 3.3  | 2.8  | 4.3  | 4.7  | 2.8   |
| 5.6  | 6.8  | 8.2  | 8.9  | 7.7  | 9.5  | 10.0  |
| 0.0  | 0.0  | 0.3  | 0.1  | 0.1  | 0.0  | 0.0   |
| 2.0  | 5.7  | 4.4  | 4.5  | 5.2  | 5.7  | 3.0   |
| 1.5  | 3.7  | 3.1  | 3.7  | 4.2  | 4.0  | 2.8   |
| 14.1 | 15.1 | 26.4 | 33.6 | 24.7 | 23.7 | 33.7  |
| 42.5 | 63.5 | 59.9 | 61.8 | 48.5 | 62.7 | 47.0  |
| 0.2  | 0.2  | 0.3  | 0.3  | 0.2  | 0.4  | 0.0   |
| 0.2  | 0.1  | 0.4  | 0.5  | 0.1  | 0.2  | 0.0   |
| 8.5  | 9.7  | 11.1 | 10.3 | 8.4  | 11.0 | 9.6   |
| 4.9  | 5.9  | 8.7  | 7.1  | 5.4  | 3.8  | 5.7   |
| 0.7  | 0.7  | 0.8  | 0.6  | 0.8  | 1.1  | 0.5   |
| 25.2 | 21.6 | 20.6 | 21.4 | 26.3 | 29.5 | 16.6  |
| 0.2  | 0.3  | 0.3  | 0.3  | 0.4  | 0.5  | 0.4   |
| 0.2  | 0.2  | 0.3  | 0.2  | 0.3  | 0.2  | 0.0   |
| 0.3  | 0.5  | 0.3  | 0.4  | 0.7  | 0.4  | 0.2   |
| 30.4 | 26.8 | 34.8 | 44.3 | 36.1 | 38.9 | 38.5  |
| 13.0 | 15.9 | 14.0 | 12.1 | 19.5 | 16.7 | 8.2   |
| 0.0  | 0.0  | 0.0  | 0.6  | 0.0  | 0.0  | 0.0   |
| 14.3 | 23.9 | 29.1 | 27.0 | 21.6 | 25.7 | 14.1  |
| 19.7 | 19.8 | 11.2 | 15.3 | 20.4 | 23.2 | 22.3  |
| 0.0  | 0.1  | 0.4  | 0.1  | 0.0  | 0.0  | 0.0   |
| 1.7  | 1.9  | 1.7  | 2.5  | 2.3  | 3.2  | 1.7   |
| 1.9  | 2.4  | 2.1  | 2.1  | 2.6  | 2.9  | 0.9   |
| 1.9  | 2.8  | 4.3  | 3.8  | 2.6  | 4.4  | 2.5   |
| 1.5  | 2.8  | 1.8  | 2.9  | 2.2  | 3.4  | 1.6   |
| 3.8  | 4.4  | 1.8  | 2.3  | 4.1  | 5.3  | 0.8   |
| 19.1 | 25.5 | 21.6 | 22.2 | 23.0 | 27.7 | 15.9  |
| 0.7  | 0.8  | 0.9  | 0.8  | 1.3  | 1.0  | 0.1   |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.2  | 0.1   |

|      |       |      |       |       |       |       |
|------|-------|------|-------|-------|-------|-------|
| 0.0  | 0.0   | 0.0  | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.2  | 0.3   | 0.5  | 0.5   | 0.2   | 0.6   | 0.0   |
| 0.7  | 0.9   | 1.0  | 1.1   | 1.3   | 1.2   | 0.7   |
| 0.0  | 0.0   | 0.2  | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.0  | 0.0   | 0.3  | 0.3   | 0.0   | 0.5   | 0.1   |
| 0.0  | 0.0   | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.2  | 0.2   | 0.6  | 0.3   | 0.4   | 0.3   | 0.5   |
| 4.0  | 7.7   | 8.0  | 8.3   | 7.6   | 9.2   | 5.4   |
| 12.1 | 13.0  | 12.1 | 13.6  | 16.7  | 17.6  | 18.9  |
| 1.2  | 1.5   | 1.9  | 2.3   | 2.6   | 3.0   | 0.7   |
| 5.3  | 8.4   | 6.5  | 8.1   | 6.5   | 8.0   | 7.0   |
| 2.9  | 3.1   | 1.2  | 1.3   | 3.2   | 3.0   | 2.5   |
| 2.5  | 2.8   | 3.7  | 3.3   | 3.4   | 3.4   | 2.2   |
| 0.2  | 0.3   | 0.3  | 0.5   | 0.2   | 0.2   | 0.1   |
| 0.1  | 0.4   | 0.5  | 0.2   | 0.0   | 0.3   | 0.0   |
| 0.2  | 0.6   | 1.5  | 1.6   | 0.6   | 0.7   | 0.0   |
| 2.6  | 2.9   | 2.4  | 2.4   | 3.5   | 3.4   | 2.1   |
| 15.7 | 22.8  | 19.8 | 20.1  | 19.7  | 20.0  | 20.2  |
| 1.3  | 1.5   | 1.5  | 1.6   | 1.2   | 1.3   | 1.5   |
| 0.1  | 0.1   | 0.2  | 0.1   | 0.1   | 0.0   | 0.0   |
| 19.2 | 27.4  | 23.0 | 19.6  | 33.4  | 33.6  | 6.6   |
| 14.9 | 24.4  | 23.6 | 22.7  | 30.4  | 28.0  | 21.4  |
| 95.4 | 114.5 | 91.1 | 99.4  | 102.7 | 106.0 | 130.1 |
| 0.8  | 0.7   | 0.9  | 0.7   | 1.0   | 1.5   | 0.7   |
| 55.6 | 63.8  | 63.6 | 71.1  | 53.3  | 60.3  | 71.6  |
| 0.8  | 0.8   | 0.7  | 0.6   | 1.1   | 1.3   | 0.3   |
| 54.5 | 64.6  | 58.1 | 54.4  | 53.5  | 57.5  | 72.6  |
| 1.7  | 1.8   | 1.5  | 1.9   | 2.1   | 2.2   | 2.1   |
| 0.1  | 0.2   | 0.4  | 0.3   | 0.2   | 0.3   | 0.1   |
| 0.2  | 0.2   | 0.9  | 0.4   | 0.4   | 0.0   | 0.0   |
| 3.2  | 3.2   | 4.5  | 4.9   | 4.8   | 5.0   | 5.0   |
| 0.8  | 0.9   | 0.7  | 1.0   | 1.1   | 1.1   | 0.8   |
| 14.7 | 7.0   | 24.8 | 5.5   | 10.7  | 37.4  | 55.2  |
| 12.9 | 9.0   | 10.6 | 3.5   | 12.0  | 2.7   | 0.0   |
| 8.2  | 3.1   | 1.6  | 7.3   | 3.5   | 13.7  | 3.8   |
| 1.3  | 2.0   | 1.8  | 1.2   | 1.3   | 1.9   | 1.6   |
| 0.9  | 0.9   | 0.7  | 0.9   | 1.3   | 0.5   | 0.0   |
| 0.1  | 0.1   | 0.2  | 0.0   | 0.2   | 0.2   | 0.0   |
| 12.5 | 9.9   | 10.8 | 11.2  | 13.7  | 17.3  | 12.7  |
| 0.1  | 0.2   | 0.5  | 0.3   | 0.2   | 0.3   | 0.0   |
| 14.5 | 13.6  | 15.2 | 16.3  | 20.0  | 15.3  | 17.9  |
| 0.0  | 0.0   | 0.1  | 0.0   | 0.0   | 0.1   | 0.0   |
| 4.5  | 8.1   | 6.8  | 6.3   | 8.4   | 7.0   | 2.5   |
| 7.0  | 8.2   | 10.3 | 10.0  | 8.6   | 8.7   | 7.6   |
| 21.1 | 14.8  | 16.5 | 19.9  | 22.6  | 21.1  | 43.3  |
| 84.6 | 87.4  | 88.6 | 101.5 | 106.9 | 96.5  | 132.0 |
| 0.2  | 0.0   | 0.0  | 0.3   | 0.0   | 0.9   | 0.0   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.2  | 0.4  | 0.0  | 0.0  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.2  | 0.0  |
| 8.9  | 11.6 | 7.8  | 9.3  | 12.9 | 11.3 | 6.3  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.5  | 0.1  | 0.2  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.4  | 0.0  | 0.2  | 0.3  | 0.0  |
| 0.1  | 0.1  | 0.4  | 0.1  | 0.1  | 0.2  | 0.0  |
| 0.1  | 0.3  | 0.5  | 0.3  | 0.1  | 0.2  | 0.4  |
| 0.1  | 0.2  | 0.2  | 0.4  | 0.1  | 0.2  | 0.0  |
| 1.2  | 1.5  | 2.2  | 2.6  | 1.9  | 1.8  | 0.1  |
| 0.2  | 0.0  | 0.3  | 0.1  | 0.2  | 0.0  | 0.0  |
| 6.3  | 5.9  | 4.4  | 4.5  | 8.1  | 9.7  | 7.3  |
| 4.5  | 5.3  | 4.3  | 4.1  | 5.9  | 5.2  | 3.9  |
| 15.5 | 18.9 | 24.3 | 25.9 | 23.6 | 23.1 | 25.6 |
| 1.5  | 1.6  | 1.9  | 2.1  | 2.7  | 2.4  | 1.2  |
| 0.9  | 0.3  | 2.3  | 1.7  | 0.6  | 1.0  | 0.0  |
| 3.1  | 5.9  | 5.5  | 5.6  | 6.0  | 6.1  | 3.8  |
| 5.5  | 8.7  | 8.8  | 10.1 | 8.0  | 9.9  | 5.8  |
| 0.3  | 0.5  | 1.0  | 1.0  | 1.2  | 0.6  | 0.5  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  |
| 4.5  | 6.4  | 9.4  | 8.9  | 8.6  | 8.2  | 4.0  |
| 2.6  | 2.5  | 2.0  | 2.3  | 3.2  | 3.6  | 3.4  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 24.5 | 31.7 | 31.1 | 33.5 | 31.9 | 30.8 | 22.8 |
| 1.1  | 2.1  | 2.2  | 2.7  | 1.4  | 2.6  | 1.1  |
| 0.3  | 0.4  | 0.1  | 0.1  | 0.3  | 0.4  | 0.0  |
| 4.6  | 5.0  | 10.9 | 11.1 | 4.0  | 7.6  | 2.2  |
| 4.9  | 7.6  | 5.5  | 5.1  | 7.1  | 8.2  | 2.1  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.6  | 0.5  | 2.0  | 0.2  | 0.9  | 0.5  | 0.0  |
| 28.6 | 24.3 | 26.6 | 31.9 | 29.7 | 26.2 | 36.6 |
| 5.7  | 9.0  | 9.6  | 9.3  | 5.8  | 6.9  | 4.7  |
| 0.6  | 0.6  | 0.7  | 0.9  | 1.4  | 0.9  | 0.5  |
| 3.7  | 6.2  | 11.0 | 8.8  | 5.8  | 8.5  | 6.3  |
| 0.0  | 0.0  | 0.6  | 0.8  | 0.0  | 0.7  | 0.0  |
| 1.8  | 2.4  | 2.4  | 2.0  | 2.8  | 2.3  | 0.7  |
| 0.3  | 0.2  | 0.7  | 0.6  | 0.6  | 0.5  | 0.3  |
| 0.2  | 0.6  | 0.5  | 0.1  | 0.0  | 0.4  | 0.0  |
| 5.0  | 6.0  | 3.4  | 3.8  | 4.2  | 4.2  | 5.9  |
| 3.7  | 3.8  | 3.9  | 3.6  | 4.7  | 4.7  | 2.5  |
| 1.9  | 3.1  | 2.5  | 2.5  | 2.5  | 3.4  | 1.6  |
| 5.6  | 5.6  | 4.3  | 8.9  | 7.8  | 5.7  | 15.7 |
| 11.9 | 10.9 | 16.4 | 16.6 | 14.8 | 11.1 | 20.5 |
| 0.1  | 0.1  | 0.7  | 0.4  | 0.1  | 0.0  | 0.0  |
| 31.0 | 27.7 | 34.0 | 34.4 | 31.7 | 30.5 | 44.8 |
| 3.0  | 3.5  | 3.6  | 4.1  | 3.3  | 5.3  | 4.7  |
| 22.4 | 27.5 | 27.1 | 27.0 | 29.6 | 34.8 | 23.0 |
| 10.8 | 14.0 | 12.3 | 11.5 | 15.9 | 11.3 | 8.8  |
| 2.8  | 3.1  | 3.2  | 3.4  | 4.9  | 3.7  | 1.5  |
| 0.1  | 0.1  | 0.3  | 0.1  | 0.0  | 0.1  | 0.0  |
| 2.0  | 3.1  | 3.0  | 3.1  | 3.0  | 2.8  | 1.8  |
| 2.4  | 3.3  | 2.6  | 3.3  | 2.4  | 3.3  | 2.8  |
| 26.8 | 17.4 | 23.6 | 31.3 | 24.2 | 19.9 | 40.9 |
| 36.3 | 36.1 | 31.0 | 27.3 | 39.2 | 41.9 | 14.6 |
| 2.9  | 3.7  | 3.9  | 4.2  | 7.4  | 3.1  | 1.3  |
| 1.0  | 1.7  | 1.4  | 2.6  | 1.8  | 2.2  | 1.4  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 4.9  | 7.8  | 7.3  | 9.7  | 8.7  | 9.8  | 4.1  |
| 4.9  | 8.9  | 9.9  | 10.3 | 8.8  | 11.0 | 5.4  |
| 3.9  | 4.0  | 4.8  | 5.9  | 5.1  | 5.5  | 6.6  |
| 3.1  | 3.5  | 1.8  | 2.5  | 4.0  | 3.6  | 1.4  |
| 3.9  | 4.0  | 3.7  | 3.4  | 4.8  | 4.9  | 3.3  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 21.8 | 29.1 | 21.7 | 24.5 | 31.1 | 30.0 | 24.0 |
| 0.7  | 0.8  | 0.9  | 0.9  | 1.3  | 0.9  | 0.4  |
| 3.2  | 2.6  | 3.1  | 4.0  | 3.3  | 3.2  | 2.8  |
| 0.2  | 0.3  | 0.5  | 0.5  | 0.4  | 0.3  | 0.3  |
| 3.8  | 4.5  | 5.2  | 4.6  | 5.2  | 4.8  | 10.5 |
| 0.3  | 0.4  | 0.4  | 0.4  | 0.3  | 0.7  | 0.6  |
| 0.4  | 0.7  | 0.7  | 0.8  | 0.4  | 0.0  | 1.6  |
| 6.8  | 6.3  | 2.9  | 7.1  | 6.5  | 8.4  | 0.8  |
| 0.0  | 0.0  | 0.5  | 0.0  | 0.0  | 0.5  | 0.0  |
| 0.6  | 0.6  | 1.7  | 0.5  | 0.5  | 0.9  | 0.3  |
| 0.2  | 0.1  | 0.4  | 0.3  | 0.4  | 0.4  | 0.1  |
| 0.1  | 0.0  | 0.2  | 0.5  | 0.2  | 0.1  | 0.0  |
| 2.5  | 3.5  | 3.8  | 4.8  | 5.4  | 4.6  | 1.5  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.6  | 0.6  | 0.8  | 0.5  | 1.1  | 1.1  | 0.6  |
| 9.0  | 13.9 | 13.4 | 14.5 | 11.3 | 14.7 | 6.2  |
| 0.9  | 1.3  | 3.1  | 2.9  | 1.3  | 5.5  | 0.7  |
| 5.3  | 7.2  | 6.7  | 7.6  | 6.0  | 5.9  | 7.2  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.3  | 0.0  | 0.0  |
| 4.3  | 5.7  | 8.5  | 10.1 | 7.3  | 6.9  | 7.0  |
| 3.2  | 4.9  | 3.7  | 3.3  | 4.9  | 5.1  | 1.7  |
| 0.2  | 0.3  | 0.8  | 0.8  | 0.8  | 0.0  | 0.5  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.5  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.6  | 0.0  |
| 0.2  | 0.4  | 0.3  | 0.3  | 0.3  | 0.3  | 0.0  |
| 2.8  | 2.9  | 3.7  | 3.1  | 4.3  | 4.4  | 0.9  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.3  | 1.4  | 1.6  | 1.7  | 1.8  | 1.7  | 1.9  |
| 5.9  | 6.5  | 6.6  | 9.3  | 6.9  | 7.7  | 6.8  |
| 0.1  | 0.1  | 0.2  | 0.3  | 0.2  | 0.2  | 0.0  |
| 2.0  | 3.9  | 5.0  | 5.0  | 3.2  | 4.8  | 2.1  |
| 3.2  | 3.5  | 2.9  | 2.8  | 3.8  | 3.5  | 2.7  |
| 2.9  | 3.5  | 1.6  | 2.0  | 3.4  | 1.6  | 1.6  |
| 58.4 | 73.6 | 77.0 | 83.8 | 77.3 | 66.8 | 75.8 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.0  |
| 2.3  | 4.0  | 4.6  | 4.8  | 3.0  | 5.0  | 3.9  |
| 1.4  | 1.9  | 1.5  | 1.2  | 1.7  | 2.2  | 0.6  |
| 3.2  | 5.0  | 3.6  | 3.6  | 5.5  | 5.3  | 5.0  |
| 0.4  | 0.1  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 5.8  | 3.8  | 3.5  | 5.5  | 5.7  | 8.6  | 20.6 |
| 0.1  | 0.2  | 0.5  | 0.3  | 0.2  | 0.0  | 0.0  |
| 0.3  | 0.2  | 0.5  | 0.5  | 0.3  | 0.4  | 0.0  |
| 2.9  | 5.4  | 4.3  | 3.7  | 5.8  | 4.7  | 3.7  |
| 0.1  | 0.1  | 0.6  | 1.0  | 0.9  | 0.7  | 0.0  |
| 0.5  | 0.5  | 0.8  | 0.8  | 1.1  | 0.4  | 0.0  |
| 0.3  | 0.5  | 0.1  | 0.4  | 0.2  | 1.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.3  | 0.0  |
| 1.8  | 2.2  | 1.9  | 1.8  | 1.6  | 2.1  | 1.0  |
| 3.9  | 4.3  | 4.9  | 6.2  | 6.8  | 7.8  | 7.1  |
| 0.9  | 1.2  | 1.2  | 1.2  | 1.3  | 1.1  | 0.6  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.4  | 1.0  | 1.6  | 1.7  | 1.6  | 2.5  | 0.0  |
| 2.2  | 3.0  | 2.4  | 1.9  | 4.4  | 4.8  | 0.9  |
| 0.4  | 0.2  | 0.3  | 0.1  | 0.8  | 0.4  | 0.0  |
| 0.2  | 0.0  | 0.4  | 0.4  | 0.1  | 0.1  | 0.0  |
| 1.6  | 3.7  | 2.1  | 2.9  | 4.5  | 2.1  | 0.0  |
| 3.1  | 5.5  | 5.8  | 6.4  | 7.5  | 6.9  | 3.9  |
| 35.5 | 36.8 | 15.3 | 13.3 | 28.9 | 46.4 | 31.3 |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 7.7  | 7.9  | 8.4  | 9.4  | 10.7 | 11.2 | 3.6  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 17.5 | 16.5 | 17.2 | 15.5 | 16.0 | 17.3 | 17.8 |
| 0.2  | 0.4  | 0.6  | 0.6  | 0.4  | 0.5  | 0.0  |
| 1.3  | 2.2  | 1.4  | 2.1  | 1.6  | 2.4  | 0.7  |
| 0.2  | 0.4  | 1.0  | 1.0  | 0.4  | 0.9  | 0.2  |
| 0.3  | 0.5  | 0.7  | 0.8  | 0.2  | 0.5  | 0.0  |
| 0.6  | 0.3  | 1.2  | 1.3  | 1.5  | 1.0  | 2.1  |
| 0.1  | 0.4  | 1.2  | 0.8  | 0.1  | 0.6  | 0.4  |
| 0.3  | 0.7  | 1.1  | 1.1  | 0.7  | 1.1  | 0.2  |
| 3.1  | 5.0  | 5.7  | 5.6  | 3.8  | 5.0  | 3.7  |
| 9.8  | 11.5 | 12.0 | 10.3 | 14.8 | 9.9  | 8.3  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.0  | 0.8  | 0.0  |
| 1.1  | 1.7  | 2.0  | 1.4  | 1.8  | 2.3  | 1.1  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.2  | 0.5  | 0.4  | 0.1  | 0.0  | 0.0  |
| 8.9  | 10.0 | 3.5  | 2.6  | 5.1  | 13.3 | 5.9  |
| 0.1  | 0.1  | 0.4  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.3  | 0.3  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.4  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.2  | 0.2  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.0  |
| 0.2  | 0.2  | 0.3  | 0.3  | 0.2  | 0.3  | 0.5  |
| 0.0  | 0.1  | 0.2  | 0.5  | 0.0  | 0.8  | 0.0  |
| 1.2  | 1.0  | 0.4  | 1.3  | 1.3  | 1.1  | 2.1  |
| 2.7  | 2.7  | 2.7  | 3.9  | 2.7  | 2.4  | 1.0  |
| 0.6  | 1.6  | 1.3  | 1.6  | 1.6  | 1.5  | 0.4  |
| 11.2 | 14.2 | 11.7 | 12.0 | 15.9 | 9.9  | 7.9  |
| 8.6  | 10.7 | 10.8 | 13.9 | 11.3 | 11.1 | 8.6  |
| 0.3  | 0.2  | 0.3  | 0.4  | 0.0  | 0.9  | 0.6  |
| 0.1  | 0.2  | 0.5  | 0.5  | 0.1  | 0.2  | 0.0  |
| 26.8 | 18.9 | 23.1 | 29.6 | 28.9 | 22.1 | 37.1 |
| 0.5  | 0.8  | 1.5  | 1.2  | 0.9  | 0.9  | 0.3  |
| 7.1  | 13.0 | 14.2 | 14.6 | 15.0 | 13.0 | 10.4 |
| 0.1  | 0.1  | 0.2  | 0.4  | 0.1  | 0.2  | 0.2  |
| 3.6  | 6.8  | 5.3  | 5.0  | 6.6  | 5.2  | 3.3  |
| 0.2  | 0.1  | 0.3  | 0.3  | 0.1  | 0.3  | 0.0  |
| 0.3  | 0.2  | 0.4  | 0.5  | 0.1  | 0.2  | 0.0  |
| 0.1  | 0.1  | 0.6  | 0.4  | 0.2  | 0.3  | 0.1  |
| 0.2  | 0.2  | 0.2  | 0.3  | 0.4  | 0.1  | 0.0  |
| 1.2  | 1.4  | 1.5  | 1.2  | 2.5  | 2.0  | 0.9  |
| 9.5  | 12.3 | 14.1 | 16.4 | 11.6 | 12.9 | 11.2 |
| 2.8  | 2.8  | 5.1  | 5.2  | 4.0  | 4.3  | 3.9  |
| 0.4  | 0.3  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 6.0  | 4.6  | 2.9  | 3.7  | 6.2  | 6.2  | 3.2  |
| 3.3  | 4.3  | 2.8  | 3.1  | 4.1  | 5.0  | 3.1  |
| 0.6  | 1.3  | 2.4  | 2.5  | 1.4  | 1.6  | 0.6  |



|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 2.8  | 3.1  | 2.4  | 2.7  | 4.3  | 3.7  | 1.3  |
| 0.2  | 0.6  | 0.7  | 0.6  | 0.2  | 0.5  | 0.2  |
| 0.1  | 0.1  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 8.9  | 7.7  | 9.2  | 9.4  | 8.9  | 9.2  | 7.2  |
| 2.6  | 2.9  | 2.8  | 3.2  | 3.7  | 3.4  | 1.3  |
| 25.2 | 20.0 | 18.1 | 16.2 | 29.3 | 27.1 | 12.4 |
| 1.5  | 1.9  | 2.9  | 2.9  | 1.9  | 1.8  | 2.0  |
| 0.9  | 1.0  | 0.9  | 1.2  | 1.2  | 1.4  | 1.3  |
| 0.0  | 0.1  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.2  | 0.1  | 0.2  | 0.1  |
| 9.7  | 9.9  | 9.2  | 8.5  | 14.0 | 10.2 | 12.3 |
| 25.4 | 25.9 | 31.9 | 34.8 | 31.2 | 33.8 | 41.7 |
| 0.1  | 0.1  | 0.3  | 0.3  | 0.2  | 0.3  | 0.0  |
| 3.0  | 2.7  | 2.8  | 2.9  | 4.3  | 3.4  | 1.9  |
| 6.0  | 6.7  | 5.6  | 6.3  | 8.3  | 7.1  | 8.2  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.6  | 0.8  | 1.5  | 1.5  | 1.0  | 1.0  | 1.2  |
| 0.1  | 0.1  | 0.2  | 0.1  | 0.1  | 0.2  | 0.1  |
| 0.1  | 0.1  | 0.2  | 0.0  | 0.2  | 0.1  | 0.0  |
| 4.8  | 5.3  | 5.9  | 7.1  | 5.9  | 5.0  | 10.3 |
| 0.0  | 0.0  | 0.3  | 0.5  | 0.0  | 0.5  | 0.0  |
| 6.4  | 5.6  | 7.3  | 7.3  | 7.2  | 7.4  | 5.5  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.2  | 0.0  |
| 0.8  | 1.1  | 0.8  | 0.8  | 1.3  | 1.4  | 1.2  |
| 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.0  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.2  | 0.0  | 0.4  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.7  | 0.9  | 1.2  | 0.9  | 0.6  | 1.2  | 0.0  |
| 4.5  | 4.1  | 5.6  | 8.3  | 6.9  | 6.8  | 9.4  |
| 1.4  | 1.6  | 1.2  | 1.4  | 2.0  | 1.8  | 0.8  |
| 0.2  | 0.3  | 0.8  | 0.2  | 0.5  | 0.4  | 0.0  |
| 13.0 | 14.3 | 13.2 | 12.9 | 13.1 | 18.0 | 15.3 |
| 0.1  | 0.0  | 0.1  | 0.2  | 0.2  | 0.2  | 0.0  |
| 4.5  | 3.7  | 3.9  | 6.3  | 4.8  | 5.6  | 12.2 |
| 0.8  | 1.9  | 2.5  | 2.8  | 1.6  | 1.9  | 0.1  |
| 0.2  | 0.1  | 0.5  | 0.2  | 0.1  | 0.2  | 0.1  |
| 0.6  | 0.8  | 1.1  | 1.4  | 1.0  | 1.3  | 0.1  |
| 0.0  | 0.1  | 0.3  | 0.4  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.3  | 0.0  |
| 0.0  | 0.1  | 0.5  | 0.2  | 0.0  | 0.4  | 0.0  |
| 2.4  | 2.8  | 4.0  | 4.3  | 3.0  | 4.5  | 0.9  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.1  | 0.1  | 0.0  |
| 3.6  | 5.0  | 3.8  | 4.4  | 5.8  | 7.7  | 6.1  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 51.5  | 47.0  | 48.9  | 64.1  | 46.5  | 40.2  | 93.8  |
| 10.9  | 10.8  | 9.2   | 9.2   | 13.5  | 9.2   | 4.2   |
| 0.5   | 0.9   | 0.3   | 0.7   | 0.3   | 0.8   | 0.4   |
| 0.0   | 0.0   | 0.3   | 0.3   | 0.1   | 0.4   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 10.4  | 12.6  | 12.7  | 16.0  | 13.5  | 11.0  | 11.4  |
| 0.0   | 0.1   | 0.3   | 0.2   | 0.1   | 0.2   | 0.0   |
| 3.0   | 2.7   | 3.1   | 3.9   | 3.4   | 3.3   | 3.3   |
| 0.2   | 0.1   | 0.4   | 0.3   | 0.2   | 0.3   | 0.5   |
| 1.8   | 2.4   | 2.2   | 2.2   | 2.5   | 2.5   | 1.1   |
| 18.6  | 16.4  | 21.4  | 17.7  | 23.5  | 17.3  | 16.1  |
| 1.0   | 1.2   | 0.9   | 0.9   | 1.6   | 1.5   | 0.4   |
| 0.8   | 0.8   | 1.0   | 1.0   | 1.3   | 1.4   | 0.5   |
| 5.9   | 7.2   | 6.9   | 7.2   | 6.9   | 4.9   | 5.2   |
| 11.8  | 12.7  | 12.4  | 9.7   | 12.2  | 13.6  | 6.3   |
| 40.0  | 36.8  | 38.1  | 43.5  | 46.8  | 36.1  | 38.7  |
| 3.2   | 4.2   | 3.0   | 2.9   | 5.1   | 4.0   | 1.6   |
| 2.0   | 2.6   | 2.5   | 2.1   | 2.3   | 2.1   | 2.8   |
| 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.2   | 0.4   |
| 4.4   | 7.6   | 4.8   | 5.2   | 5.0   | 5.9   | 0.9   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 37.6  | 46.4  | 48.8  | 53.3  | 44.0  | 54.8  | 62.4  |
| 0.1   | 0.1   | 0.2   | 0.3   | 0.0   | 0.0   | 0.0   |
| 0.8   | 1.7   | 4.1   | 3.7   | 2.2   | 4.1   | 0.9   |
| 0.1   | 0.1   | 0.2   | 0.3   | 0.3   | 0.4   | 0.2   |
| 68.3  | 56.1  | 64.1  | 79.1  | 68.2  | 62.7  | 92.7  |
| 14.8  | 13.4  | 15.1  | 19.8  | 16.5  | 14.2  | 26.7  |
| 2.7   | 2.5   | 3.1   | 2.5   | 1.8   | 3.8   | 4.5   |
| 4.0   | 4.1   | 4.7   | 4.5   | 5.0   | 5.4   | 3.7   |
| 38.4  | 59.7  | 50.7  | 52.2  | 46.0  | 46.5  | 51.6  |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.1   | 0.1   | 0.0   |
| 0.5   | 0.8   | 0.6   | 0.6   | 0.7   | 0.6   | 0.2   |
| 5.8   | 7.1   | 5.7   | 5.3   | 8.8   | 7.7   | 2.8   |
| 7.2   | 9.6   | 9.6   | 9.8   | 7.2   | 7.1   | 4.6   |
| 14.7  | 17.2  | 18.5  | 17.0  | 16.7  | 17.6  | 17.5  |
| 5.8   | 5.4   | 7.9   | 8.3   | 7.0   | 5.7   | 7.8   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 132.0 | 179.2 | 153.2 | 169.6 | 146.5 | 146.0 | 159.5 |
| 3.1   | 3.5   | 2.6   | 2.9   | 3.6   | 2.0   | 2.2   |
| 1.0   | 1.0   | 1.7   | 1.5   | 1.2   | 1.1   | 1.9   |
| 2.3   | 2.3   | 1.8   | 2.0   | 2.7   | 3.3   | 2.8   |
| 21.0  | 24.0  | 21.2  | 25.1  | 21.2  | 23.3  | 35.1  |
| 685.3 | 925.4 | 798.2 | 895.7 | 816.8 | 767.2 | 843.5 |
| 2.1   | 3.9   | 3.6   | 3.5   | 3.5   | 3.8   | 4.3   |
| 3.3   | 3.8   | 3.0   | 3.3   | 4.5   | 4.1   | 1.9   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.1   | 0.1   | 0.0   |
| 4.2   | 5.8   | 6.8   | 6.8   | 7.5   | 5.2   | 5.4   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.6  | 1.2  | 1.8  | 1.8  | 1.3  | 2.3  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.9  | 2.4  | 2.3  | 2.7  | 2.0  | 3.4  | 1.1  |
| 20.2 | 27.8 | 15.6 | 17.5 | 28.0 | 25.1 | 11.5 |
| 1.2  | 1.8  | 1.4  | 1.1  | 1.8  | 2.2  | 1.0  |
| 9.5  | 8.3  | 11.3 | 11.1 | 10.1 | 10.0 | 13.5 |
| 0.1  | 0.1  | 0.8  | 0.3  | 0.2  | 0.2  | 0.0  |
| 52.3 | 66.6 | 74.4 | 78.3 | 69.7 | 65.9 | 73.8 |
| 0.5  | 0.6  | 1.4  | 1.4  | 0.9  | 0.8  | 0.2  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.3  | 0.2  | 0.1  | 0.0  | 0.0  |
| 6.9  | 7.5  | 7.9  | 6.1  | 6.6  | 8.3  | 9.0  |
| 7.1  | 5.7  | 6.7  | 5.4  | 11.3 | 9.9  | 6.8  |
| 0.6  | 0.9  | 0.7  | 0.4  | 0.7  | 1.4  | 0.8  |
| 15.4 | 19.7 | 16.5 | 16.7 | 21.7 | 20.4 | 16.8 |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.3  | 0.2  | 0.3  | 0.3  |
| 4.7  | 4.9  | 3.7  | 4.1  | 5.6  | 5.5  | 1.6  |
| 7.5  | 8.7  | 8.1  | 7.8  | 11.2 | 6.8  | 5.6  |
| 0.5  | 0.7  | 0.9  | 1.0  | 0.5  | 0.8  | 1.5  |
| 0.0  | 0.1  | 0.8  | 0.6  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.4  | 0.0  |
| 0.2  | 0.0  | 0.6  | 0.4  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 11.8 | 15.9 | 16.3 | 18.7 | 15.5 | 12.8 | 16.7 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.3  | 2.0  | 2.5  | 2.1  | 2.4  | 2.7  | 1.6  |
| 0.1  | 0.1  | 0.3  | 0.2  | 0.1  | 0.2  | 0.0  |
| 3.3  | 2.8  | 2.9  | 3.5  | 5.4  | 3.9  | 4.9  |
| 0.0  | 0.0  | 0.2  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 5.6  | 6.1  | 5.3  | 4.9  | 8.1  | 8.2  | 3.9  |
| 0.8  | 1.1  | 1.3  | 2.0  | 1.4  | 1.4  | 1.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.1  | 0.1  | 0.2  | 0.0  |
| 18.5 | 21.1 | 11.4 | 10.5 | 10.4 | 24.7 | 19.4 |
| 11.4 | 15.8 | 17.8 | 19.6 | 16.7 | 16.2 | 13.3 |
| 0.4  | 0.3  | 0.4  | 0.4  | 0.3  | 0.5  | 0.5  |
| 0.2  | 0.7  | 3.1  | 3.6  | 0.5  | 4.4  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.2  | 0.1  | 0.0  |
| 0.1  | 0.2  | 0.3  | 0.5  | 0.2  | 0.5  | 0.5  |
| 1.8  | 2.4  | 2.0  | 2.0  | 2.4  | 2.7  | 0.4  |
| 0.4  | 1.3  | 3.9  | 1.8  | 1.2  | 2.8  | 0.6  |
| 1.5  | 1.5  | 1.5  | 1.6  | 2.2  | 2.2  | 0.5  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.3  | 0.5  | 0.9  | 0.9  | 0.3  | 0.5  | 1.1  |
| 0.1  | 0.2  | 0.3  | 0.5  | 0.6  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.3  | 0.3  | 0.3  | 0.2  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 1.1  | 1.7  | 2.4  | 2.0  | 1.6  | 2.0  | 1.9  |
| 2.2  | 4.0  | 4.4  | 5.3  | 5.1  | 4.7  | 3.9  |
| 0.2  | 0.4  | 0.5  | 0.3  | 0.4  | 0.2  | 0.9  |
| 0.5  | 0.7  | 1.3  | 1.0  | 0.5  | 1.4  | 0.5  |
| 8.8  | 11.7 | 7.7  | 8.3  | 13.6 | 12.0 | 8.9  |
| 1.1  | 1.8  | 2.1  | 2.9  | 0.8  | 1.0  | 0.0  |
| 0.9  | 1.3  | 0.6  | 0.7  | 1.4  | 0.5  | 1.3  |
| 0.1  | 0.1  | 0.3  | 0.2  | 0.1  | 0.2  | 0.0  |
| 0.3  | 0.9  | 1.2  | 0.9  | 0.1  | 0.7  | 0.5  |
| 2.9  | 2.8  | 2.5  | 3.1  | 3.1  | 3.8  | 2.2  |
| 9.8  | 14.8 | 20.6 | 22.8 | 15.5 | 19.7 | 19.0 |
| 20.5 | 14.6 | 20.7 | 25.1 | 22.0 | 13.9 | 14.2 |
| 0.2  | 0.3  | 0.4  | 0.6  | 0.4  | 0.5  | 0.3  |
| 0.1  | 0.2  | 0.0  | 0.2  | 0.3  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.3  | 0.0  | 0.3  | 0.3  | 0.0  |
| 0.1  | 0.1  | 0.3  | 0.2  | 0.0  | 0.5  | 0.3  |
| 42.0 | 51.6 | 48.7 | 50.6 | 60.0 | 55.3 | 59.2 |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 3.6  | 4.5  | 7.2  | 7.4  | 5.5  | 6.3  | 8.4  |
| 4.2  | 6.5  | 5.4  | 5.5  | 3.7  | 5.8  | 8.1  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.2  | 0.2  | 0.3  | 0.2  | 0.3  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2.1  | 2.2  | 3.4  | 3.0  | 2.9  | 2.7  | 0.9  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  |
| 0.2  | 0.3  | 0.6  | 0.9  | 0.3  | 0.8  | 0.0  |
| 0.3  | 0.0  | 0.5  | 0.5  | 0.3  | 0.3  | 0.0  |
| 0.5  | 0.5  | 0.8  | 0.7  | 0.8  | 0.6  | 0.0  |
| 40.2 | 48.6 | 57.2 | 61.0 | 53.9 | 54.8 | 62.3 |
| 1.3  | 1.5  | 1.5  | 1.2  | 1.1  | 2.2  | 2.5  |
| 0.1  | 0.0  | 0.2  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.8  | 1.3  | 0.8  | 1.0  | 1.5  | 0.8  | 0.6  |
| 0.1  | 0.1  | 0.2  | 0.4  | 0.2  | 0.2  | 0.0  |
| 0.7  | 1.4  | 2.2  | 4.2  | 1.5  | 1.0  | 0.7  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.3  | 0.0  |
| 0.0  | 0.3  | 0.0  | 0.0  | 0.1  | 0.3  | 0.0  |
| 0.3  | 0.1  | 0.8  | 0.6  | 0.3  | 0.3  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.0  | 0.2  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.4  | 0.9  | 0.5  | 1.1  | 1.3  | 1.3  | 0.0  |
| 0.1  | 0.1  | 0.4  | 0.2  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.4  | 0.3  | 0.0  | 0.0  |
| 0.3  | 0.7  | 0.3  | 0.3  | 0.5  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.4  | 0.0  | 0.2  | 0.0  |
| 0.1  | 0.0  | 0.4  | 0.8  | 0.0  | 0.0  | 0.0  |
| 18.8 | 23.7 | 25.2 | 30.7 | 27.3 | 24.7 | 30.4 |
| 1.1  | 1.4  | 1.4  | 1.6  | 1.2  | 1.7  | 1.4  |
| 20.5 | 28.4 | 34.7 | 28.7 | 31.2 | 29.0 | 19.0 |
| 5.8  | 6.4  | 5.0  | 5.7  | 7.1  | 3.8  | 1.5  |
| 7.7  | 10.5 | 11.4 | 13.1 | 8.5  | 10.2 | 11.0 |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.3  | 0.0  |
| 4.2  | 5.2  | 1.8  | 1.8  | 4.6  | 4.1  | 2.1  |
| 0.9  | 1.1  | 1.3  | 1.3  | 1.3  | 1.1  | 1.0  |
| 0.2  | 0.3  | 0.6  | 0.4  | 0.5  | 0.4  | 0.0  |
| 0.1  | 0.1  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.1  | 0.7  | 0.9  | 0.0  | 0.4  | 0.7  |
| 1.0  | 1.4  | 0.8  | 1.3  | 0.9  | 1.0  | 0.0  |
| 0.2  | 0.4  | 0.7  | 0.8  | 0.6  | 0.8  | 0.6  |
| 0.0  | 0.0  | 0.6  | 0.0  | 0.0  | 0.1  | 0.0  |
| 17.3 | 27.1 | 18.3 | 22.6 | 26.1 | 21.2 | 14.6 |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 1.3  | 2.0  | 1.4  | 2.2  | 0.9  | 1.5  | 2.7  |
| 0.2  | 0.1  | 0.6  | 0.5  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.2  | 0.3  | 0.3  | 0.2  | 0.0  |
| 1.1  | 1.4  | 1.8  | 1.7  | 1.3  | 2.2  | 0.9  |
| 0.1  | 0.0  | 0.1  | 0.3  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.3  | 0.0  | 0.2  | 0.1  | 0.3  | 0.7  |
| 19.0 | 21.1 | 17.3 | 15.4 | 27.6 | 21.6 | 8.4  |
| 0.2  | 0.6  | 1.2  | 0.8  | 0.5  | 0.7  | 0.0  |
| 0.6  | 0.7  | 0.7  | 0.7  | 0.9  | 0.6  | 0.7  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.1  | 0.4  | 0.2  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.1  | 0.1  | 0.0  |
| 0.1  | 0.0  | 0.2  | 0.2  | 0.0  | 0.4  | 0.0  |
| 37.7 | 42.7 | 41.3 | 23.2 | 75.5 | 58.4 | 0.0  |
| 0.7  | 0.6  | 0.9  | 0.4  | 0.4  | 1.0  | 2.5  |
| 5.9  | 7.6  | 7.6  | 6.8  | 7.5  | 7.7  | 3.3  |
| 8.4  | 10.3 | 9.7  | 12.8 | 10.6 | 14.6 | 16.2 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 27.1 | 37.7 | 31.9 | 33.3 | 37.5 | 39.4 | 18.6 |
| 0.3  | 0.4  | 0.2  | 0.4  | 0.3  | 0.5  | 0.6  |
| 44.5 | 62.8 | 72.0 | 78.5 | 61.4 | 59.4 | 73.3 |
| 48.2 | 61.9 | 53.7 | 53.3 | 50.2 | 59.9 | 65.0 |
| 0.0  | 0.0  | 0.3  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.7  | 2.2  | 4.9  | 3.3  | 1.8  | 3.5  | 0.0  |

|      |     |      |     |      |      |     |
|------|-----|------|-----|------|------|-----|
| 4.5  | 2.9 | 4.6  | 4.4 | 2.5  | 3.1  | 5.4 |
| 0.8  | 1.2 | 0.9  | 1.5 | 1.1  | 0.8  | 1.4 |
| 6.1  | 5.7 | 3.6  | 5.5 | 8.0  | 6.9  | 2.9 |
| 0.1  | 0.1 | 0.1  | 0.1 | 0.1  | 0.1  | 0.0 |
| 1.2  | 1.4 | 0.8  | 1.1 | 1.7  | 1.4  | 1.5 |
| 0.0  | 0.0 | 0.2  | 0.0 | 0.0  | 0.0  | 0.0 |
| 0.0  | 0.0 | 0.0  | 0.3 | 0.2  | 0.0  | 0.0 |
| 3.8  | 4.9 | 3.8  | 3.8 | 4.5  | 4.2  | 4.8 |
| 0.0  | 0.0 | 0.0  | 0.0 | 0.0  | 0.0  | 0.0 |
| 0.1  | 0.1 | 0.0  | 0.1 | 0.1  | 0.1  | 0.5 |
| 0.0  | 0.0 | 0.1  | 0.0 | 0.0  | 0.1  | 0.0 |
| 0.4  | 0.5 | 0.8  | 0.8 | 0.4  | 0.7  | 0.6 |
| 0.8  | 1.6 | 3.2  | 2.4 | 1.1  | 2.5  | 0.0 |
| 2.7  | 4.3 | 11.3 | 5.4 | 2.9  | 5.3  | 1.7 |
| 0.3  | 0.5 | 0.8  | 0.5 | 0.3  | 0.5  | 0.4 |
| 0.7  | 0.7 | 1.5  | 0.8 | 0.7  | 1.3  | 2.0 |
| 0.2  | 0.1 | 0.4  | 0.5 | 0.2  | 0.3  | 0.3 |
| 1.4  | 2.0 | 2.8  | 3.1 | 2.1  | 2.7  | 1.5 |
| 0.0  | 0.0 | 0.2  | 0.0 | 0.3  | 0.0  | 0.0 |
| 0.7  | 1.0 | 2.2  | 1.0 | 0.8  | 2.2  | 1.0 |
| 0.0  | 0.1 | 0.4  | 0.5 | 0.2  | 0.4  | 0.1 |
| 0.4  | 0.7 | 1.4  | 0.8 | 1.5  | 1.6  | 0.8 |
| 0.1  | 0.2 | 0.3  | 0.4 | 0.2  | 0.9  | 0.1 |
| 0.6  | 1.2 | 1.5  | 1.4 | 1.3  | 0.8  | 1.1 |
| 0.2  | 0.0 | 0.2  | 0.0 | 0.0  | 1.3  | 0.0 |
| 0.0  | 0.0 | 0.1  | 0.2 | 0.3  | 0.0  | 0.0 |
| 0.0  | 0.0 | 0.0  | 0.0 | 0.0  | 0.0  | 0.0 |
| 1.5  | 1.1 | 0.4  | 1.1 | 1.3  | 2.5  | 1.7 |
| 0.1  | 0.0 | 0.4  | 0.1 | 0.1  | 0.3  | 0.0 |
| 0.1  | 0.0 | 0.1  | 0.1 | 0.1  | 0.0  | 0.0 |
| 2.6  | 2.7 | 4.5  | 6.2 | 5.5  | 5.1  | 4.5 |
| 0.0  | 0.0 | 0.0  | 0.0 | 0.0  | 0.0  | 0.0 |
| 0.7  | 0.8 | 1.0  | 0.7 | 1.5  | 0.7  | 0.7 |
| 0.3  | 0.3 | 0.2  | 0.2 | 0.3  | 0.4  | 0.4 |
| 0.0  | 0.0 | 0.2  | 0.2 | 0.1  | 0.1  | 0.0 |
| 0.6  | 0.8 | 2.6  | 1.7 | 1.1  | 1.9  | 2.5 |
| 0.1  | 0.1 | 0.9  | 0.5 | 0.4  | 0.7  | 0.0 |
| 0.1  | 0.2 | 0.2  | 0.2 | 0.2  | 0.1  | 0.0 |
| 0.1  | 0.1 | 0.2  | 0.1 | 0.1  | 0.1  | 0.0 |
| 0.3  | 0.1 | 0.4  | 0.7 | 0.0  | 0.7  | 0.0 |
| 0.7  | 0.7 | 0.3  | 0.4 | 0.8  | 0.7  | 0.9 |
| 0.2  | 0.0 | 1.3  | 1.0 | 0.6  | 0.6  | 0.1 |
| 10.5 | 8.7 | 7.1  | 8.4 | 10.4 | 15.4 | 7.8 |
| 4.1  | 4.5 | 3.8  | 4.0 | 4.6  | 4.2  | 4.5 |
| 0.1  | 0.1 | 0.4  | 0.1 | 0.1  | 0.3  | 0.0 |
| 0.6  | 1.7 | 2.5  | 2.3 | 1.1  | 2.7  | 0.3 |
| 0.1  | 0.0 | 0.0  | 0.1 | 0.0  | 0.0  | 0.0 |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.3  | 0.4  | 0.7  | 0.7  | 0.3  | 0.3  | 0.2  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 10.0 | 8.6  | 15.7 | 18.4 | 13.7 | 11.0 | 9.2  |
| 1.1  | 3.0  | 6.8  | 6.2  | 2.0  | 4.7  | 0.0  |
| 3.7  | 3.9  | 8.5  | 6.0  | 6.6  | 6.8  | 0.7  |
| 0.4  | 0.9  | 1.9  | 1.6  | 0.9  | 1.7  | 0.0  |
| 1.6  | 1.4  | 1.7  | 1.5  | 2.0  | 2.4  | 0.6  |
| 0.4  | 0.7  | 1.7  | 1.3  | 1.3  | 0.6  | 0.0  |
| 0.7  | 1.0  | 1.0  | 0.8  | 1.4  | 1.8  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.9  | 1.0  | 1.1  | 0.8  | 0.0  |
| 0.6  | 0.7  | 0.3  | 0.6  | 0.4  | 0.8  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.6  | 0.9  | 2.2  | 0.5  | 1.5  | 0.0  | 2.7  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.1  |
| 5.3  | 6.3  | 6.9  | 6.5  | 5.6  | 9.2  | 8.1  |
| 0.0  | 0.0  | 0.8  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.4  | 0.0  | 0.0  | 0.0  |
| 7.0  | 6.5  | 6.8  | 6.7  | 8.6  | 9.2  | 9.4  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.3  | 0.4  | 0.6  | 0.6  | 0.7  | 0.1  | 0.4  |
| 0.2  | 0.4  | 0.5  | 0.6  | 0.2  | 0.3  | 0.2  |
| 0.3  | 0.3  | 0.5  | 0.6  | 0.1  | 0.4  | 0.0  |
| 0.3  | 0.3  | 0.6  | 0.6  | 0.2  | 0.6  | 0.0  |
| 2.7  | 2.2  | 1.0  | 1.8  | 2.0  | 3.8  | 2.6  |
| 0.5  | 0.7  | 1.1  | 1.0  | 0.8  | 1.0  | 0.4  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 1.0  | 1.1  | 0.9  | 1.3  | 1.7  | 1.3  | 0.3  |
| 0.0  | 0.2  | 0.2  | 0.1  | 0.0  | 0.5  | 0.0  |
| 0.0  | 0.2  | 0.0  | 0.0  | 0.5  | 0.4  | 0.0  |
| 0.1  | 0.2  | 0.8  | 0.6  | 0.3  | 0.2  | 0.0  |
| 4.2  | 4.8  | 2.9  | 3.1  | 4.2  | 7.0  | 5.0  |
| 19.0 | 14.1 | 16.0 | 16.0 | 18.6 | 16.9 | 7.0  |
| 0.3  | 0.5  | 1.1  | 1.4  | 0.1  | 1.1  | 0.0  |
| 0.2  | 0.3  | 3.8  | 1.5  | 0.2  | 0.4  | 0.0  |
| 0.0  | 0.3  | 0.9  | 1.0  | 0.2  | 1.0  | 0.0  |
| 0.1  | 0.2  | 0.9  | 0.4  | 0.2  | 0.2  | 0.0  |
| 0.1  | 0.3  | 1.5  | 1.0  | 0.2  | 0.1  | 0.0  |
| 0.2  | 0.2  | 0.5  | 0.9  | 0.5  | 0.4  | 0.0  |
| 0.1  | 0.2  | 0.2  | 0.2  | 0.3  | 0.2  | 0.2  |
| 1.0  | 0.8  | 0.4  | 0.6  | 1.1  | 1.0  | 0.5  |
| 40.5 | 56.2 | 51.3 | 60.1 | 51.7 | 66.6 | 69.7 |
| 0.8  | 0.5  | 0.5  | 0.8  | 0.6  | 0.5  | 1.3  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.2  | 0.0  |
| 1.8  | 4.3  | 4.7  | 5.4  | 2.4  | 6.5  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.4  | 0.4  | 0.5  | 0.4  | 0.9  | 1.3  | 0.0  |
| 0.1  | 0.0  | 0.2  | 0.3  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 27.3 | 32.1 | 26.1 | 32.0 | 22.3 | 30.2 | 44.6 |
| 1.9  | 2.8  | 1.9  | 1.8  | 3.4  | 3.6  | 1.4  |
| 5.6  | 10.5 | 10.3 | 10.7 | 10.4 | 12.7 | 3.9  |
| 6.0  | 8.5  | 14.0 | 10.9 | 9.1  | 11.4 | 8.5  |
| 0.2  | 0.1  | 0.2  | 0.4  | 0.0  | 0.2  | 0.4  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.3  | 1.0  | 1.0  | 0.4  | 0.6  | 0.1  |
| 5.1  | 5.4  | 8.2  | 10.0 | 9.4  | 8.5  | 7.3  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.6  | 0.9  | 0.6  | 0.6  | 0.6  | 0.6  |
| 0.0  | 0.1  | 0.5  | 0.4  | 0.2  | 0.1  | 0.0  |
| 0.8  | 3.2  | 4.8  | 4.0  | 2.2  | 4.3  | 0.5  |
| 0.1  | 0.0  | 0.0  | 0.1  | 0.2  | 0.6  | 0.0  |
| 35.1 | 31.1 | 32.0 | 32.7 | 31.1 | 36.1 | 17.9 |
| 0.4  | 0.1  | 0.1  | 0.3  | 0.3  | 0.4  | 0.0  |
| 1.6  | 2.0  | 3.2  | 3.3  | 2.9  | 1.9  | 1.5  |
| 0.1  | 0.1  | 0.6  | 0.9  | 0.3  | 0.5  | 0.0  |
| 13.6 | 22.9 | 22.8 | 23.0 | 31.3 | 19.9 | 10.3 |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.2  | 0.4  | 0.1  | 0.0  | 0.5  | 0.0  |
| 3.0  | 3.6  | 2.4  | 3.1  | 3.6  | 3.9  | 1.5  |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.0  | 0.3  | 0.0  |
| 0.6  | 1.0  | 1.9  | 1.1  | 0.8  | 1.3  | 0.0  |
| 0.7  | 0.5  | 0.6  | 0.4  | 0.4  | 0.9  | 0.3  |
| 0.1  | 0.0  | 0.2  | 0.1  | 0.0  | 0.0  | 0.1  |
| 14.3 | 16.9 | 13.2 | 16.2 | 17.6 | 16.0 | 14.2 |
| 17.3 | 21.8 | 19.0 | 19.7 | 26.5 | 21.5 | 14.7 |
| 42.5 | 60.1 | 57.1 | 66.0 | 49.6 | 51.5 | 55.4 |
| 2.5  | 3.9  | 2.9  | 2.7  | 4.3  | 3.0  | 2.8  |
| 2.2  | 2.2  | 1.7  | 1.8  | 2.9  | 1.8  | 0.2  |
| 3.2  | 3.2  | 3.3  | 4.1  | 3.7  | 3.3  | 5.5  |
| 0.6  | 0.4  | 0.4  | 0.4  | 0.4  | 0.5  | 0.5  |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.2  | 0.2  | 0.0  |
| 1.7  | 2.3  | 1.7  | 1.5  | 1.9  | 1.9  | 3.2  |
| 44.7 | 65.3 | 67.1 | 71.2 | 60.5 | 71.8 | 71.0 |
| 0.2  | 0.0  | 0.3  | 0.2  | 0.0  | 0.3  | 0.0  |
| 1.5  | 2.0  | 1.5  | 2.2  | 2.5  | 2.2  | 1.9  |
| 0.5  | 0.6  | 1.0  | 0.9  | 0.6  | 0.8  | 0.5  |



|       |      |      |      |       |       |       |
|-------|------|------|------|-------|-------|-------|
| 0.4   | 0.8  | 1.6  | 1.0  | 0.3   | 1.4   | 0.2   |
| 0.4   | 0.5  | 0.8  | 1.2  | 0.4   | 0.7   | 1.0   |
| 0.1   | 0.4  | 0.7  | 0.8  | 0.2   | 0.2   | 0.0   |
| 0.1   | 0.1  | 0.2  | 0.1  | 0.2   | 0.1   | 0.1   |
| 8.8   | 9.6  | 5.5  | 7.9  | 13.2  | 12.1  | 4.8   |
| 0.1   | 0.0  | 0.0  | 0.4  | 0.0   | 0.0   | 0.0   |
| 1.3   | 3.1  | 6.2  | 5.4  | 3.4   | 7.4   | 4.2   |
| 0.7   | 0.8  | 1.0  | 0.9  | 1.2   | 0.9   | 1.1   |
| 0.7   | 1.4  | 1.6  | 2.2  | 0.6   | 0.8   | 0.0   |
| 4.2   | 4.4  | 4.9  | 6.0  | 5.3   | 4.9   | 5.4   |
| 0.0   | 0.0  | 0.0  | 0.1  | 0.0   | 0.0   | 0.0   |
| 0.5   | 0.7  | 0.7  | 0.7  | 0.6   | 0.7   | 0.6   |
| 0.3   | 0.3  | 0.5  | 0.5  | 0.1   | 0.6   | 0.3   |
| 0.1   | 0.3  | 0.1  | 0.1  | 0.1   | 0.0   | 0.0   |
| 0.3   | 0.4  | 0.1  | 0.0  | 0.4   | 0.4   | 0.0   |
| 0.1   | 0.1  | 0.2  | 0.2  | 0.2   | 0.0   | 0.0   |
| 2.3   | 3.4  | 4.1  | 3.8  | 3.0   | 4.7   | 4.1   |
| 0.1   | 0.3  | 0.3  | 0.5  | 0.1   | 0.0   | 0.0   |
| 0.2   | 0.1  | 0.6  | 1.5  | 0.4   | 1.8   | 1.9   |
| 2.1   | 1.9  | 3.0  | 3.8  | 3.0   | 2.8   | 2.2   |
| 0.0   | 0.0  | 0.1  | 0.1  | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0  | 0.2  | 0.6  | 0.4   | 0.8   | 0.0   |
| 0.0   | 0.1  | 0.2  | 0.1  | 0.1   | 0.1   | 0.0   |
| 0.0   | 0.4  | 0.1  | 0.4  | 0.0   | 0.4   | 0.0   |
| 0.3   | 0.3  | 0.3  | 0.3  | 0.3   | 0.5   | 0.6   |
| 0.1   | 0.1  | 0.1  | 0.1  | 0.0   | 0.1   | 0.1   |
| 12.1  | 20.0 | 8.9  | 9.1  | 19.0  | 22.6  | 18.7  |
| 0.9   | 1.6  | 1.3  | 1.1  | 1.4   | 0.9   | 0.6   |
| 4.0   | 5.3  | 5.2  | 5.0  | 6.6   | 6.3   | 1.5   |
| 0.0   | 0.1  | 0.2  | 0.2  | 0.0   | 0.2   | 0.2   |
| 0.0   | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   |
| 2.8   | 4.3  | 2.9  | 4.4  | 3.6   | 4.6   | 3.9   |
| 26.1  | 9.2  | 4.6  | 7.6  | 7.3   | 9.8   | 22.8  |
| 461.2 | 62.1 | 55.0 | 32.3 | 143.5 | 169.8 | 806.5 |
| 1.3   | 1.4  | 1.0  | 1.3  | 2.3   | 1.9   | 0.6   |
| 1.3   | 1.4  | 0.5  | 0.6  | 1.8   | 1.1   | 0.1   |
| 0.2   | 0.2  | 0.2  | 0.3  | 0.3   | 0.2   | 0.1   |
| 43.1  | 50.9 | 36.5 | 37.6 | 50.6  | 55.4  | 36.7  |
| 0.1   | 0.2  | 0.1  | 0.2  | 0.1   | 0.1   | 0.0   |
| 7.4   | 11.6 | 9.2  | 8.3  | 11.2  | 10.6  | 5.1   |
| 43.0  | 43.0 | 49.4 | 52.2 | 49.6  | 43.2  | 48.3  |
| 44.2  | 55.0 | 54.6 | 71.8 | 62.9  | 62.1  | 44.1  |
| 6.9   | 9.0  | 11.3 | 10.8 | 10.5  | 11.1  | 8.3   |
| 0.6   | 1.0  | 2.6  | 1.7  | 0.5   | 2.0   | 0.4   |
| 4.3   | 4.8  | 5.0  | 4.7  | 8.3   | 5.8   | 1.5   |
| 0.0   | 0.0  | 0.2  | 0.1  | 0.1   | 0.1   | 0.0   |
| 1.6   | 2.0  | 2.2  | 2.4  | 2.1   | 2.4   | 2.3   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.4  | 0.2  | 0.8  | 1.0  | 0.6  | 0.5  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.2  | 0.0  | 0.0  | 0.0  |
| 3.3  | 4.2  | 5.6  | 5.3  | 4.5  | 5.6  | 3.0  |
| 0.0  | 0.1  | 0.2  | 0.4  | 0.0  | 0.3  | 0.0  |
| 2.1  | 2.7  | 2.9  | 3.5  | 2.5  | 2.5  | 2.9  |
| 1.0  | 1.1  | 1.3  | 1.1  | 1.3  | 1.0  | 1.1  |
| 1.0  | 1.4  | 1.4  | 1.5  | 1.1  | 0.9  | 0.9  |
| 0.1  | 0.0  | 0.4  | 0.1  | 0.0  | 0.1  | 0.0  |
| 1.9  | 2.5  | 3.3  | 4.0  | 3.1  | 2.8  | 4.1  |
| 0.7  | 1.5  | 2.5  | 2.2  | 1.2  | 2.6  | 1.6  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.1  | 0.7  | 0.0  |
| 0.3  | 0.8  | 2.3  | 1.9  | 1.5  | 1.1  | 2.6  |
| 3.3  | 5.3  | 4.6  | 6.9  | 4.6  | 4.0  | 8.7  |
| 4.1  | 3.9  | 4.6  | 3.8  | 3.3  | 3.5  | 3.2  |
| 0.4  | 0.9  | 1.0  | 1.8  | 1.4  | 0.8  | 0.9  |
| 5.1  | 5.5  | 5.9  | 4.7  | 6.1  | 6.6  | 2.5  |
| 12.8 | 14.3 | 11.6 | 13.3 | 16.7 | 15.1 | 15.8 |
| 1.0  | 1.2  | 1.0  | 0.8  | 1.1  | 0.7  | 1.4  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 3.9  | 4.5  | 2.4  | 2.8  | 3.9  | 4.6  | 2.4  |
| 1.0  | 1.5  | 1.3  | 1.5  | 1.6  | 1.8  | 1.0  |
| 0.4  | 1.0  | 1.8  | 0.6  | 2.1  | 0.9  | 2.5  |
| 2.2  | 2.7  | 2.3  | 2.8  | 3.8  | 5.3  | 1.1  |
| 0.6  | 1.0  | 1.1  | 0.6  | 1.5  | 1.6  | 0.1  |
| 0.1  | 0.1  | 0.3  | 0.3  | 0.1  | 0.2  | 0.0  |
| 0.4  | 0.9  | 1.8  | 1.7  | 0.9  | 1.2  | 1.4  |
| 5.3  | 4.7  | 6.0  | 6.8  | 5.7  | 5.5  | 7.9  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.3  | 0.0  |
| 0.1  | 0.1  | 0.5  | 0.5  | 0.2  | 0.7  | 0.0  |
| 1.6  | 4.0  | 3.6  | 4.3  | 3.9  | 5.4  | 1.9  |
| 0.2  | 0.2  | 0.1  | 0.3  | 0.0  | 0.4  | 0.0  |
| 0.2  | 1.0  | 0.0  | 0.4  | 0.0  | 0.6  | 0.0  |
| 7.8  | 9.2  | 11.7 | 13.7 | 9.2  | 8.6  | 15.0 |
| 2.7  | 4.9  | 5.4  | 5.1  | 4.1  | 6.8  | 5.9  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3.2  | 2.6  | 4.0  | 4.6  | 4.2  | 3.5  | 4.7  |
| 1.7  | 2.3  | 3.1  | 3.6  | 2.5  | 2.7  | 1.2  |
| 0.6  | 0.1  | 1.0  | 1.7  | 1.0  | 0.8  | 4.4  |
| 0.3  | 0.5  | 0.9  | 0.3  | 0.0  | 0.0  | 0.0  |
| 9.3  | 13.7 | 15.1 | 19.1 | 14.8 | 13.0 | 13.7 |
| 0.0  | 0.4  | 0.4  | 0.2  | 0.0  | 1.5  | 0.0  |
| 4.6  | 8.2  | 7.4  | 7.1  | 7.5  | 6.6  | 5.3  |
| 0.3  | 0.5  | 1.6  | 1.1  | 0.7  | 1.1  | 0.6  |
| 0.5  | 1.1  | 3.7  | 4.0  | 1.4  | 3.3  | 0.0  |
| 0.5  | 0.4  | 1.8  | 1.1  | 0.1  | 1.9  | 0.3  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 1.4  | 2.2  | 2.2  | 2.4  | 1.8  | 2.3  | 1.5  |
| 1.7  | 1.5  | 2.4  | 2.3  | 2.7  | 2.3  | 2.6  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.1  | 0.0  | 0.0  |
| 8.2  | 7.5  | 11.8 | 15.1 | 11.0 | 10.3 | 8.6  |
| 60.6 | 66.6 | 65.6 | 64.5 | 96.4 | 76.7 | 48.2 |
| 19.1 | 18.8 | 28.3 | 33.5 | 30.8 | 27.4 | 40.7 |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.2  | 0.0  |
| 6.3  | 6.2  | 8.1  | 10.0 | 8.0  | 7.5  | 8.3  |
| 1.6  | 3.3  | 1.9  | 1.9  | 3.1  | 2.8  | 2.3  |
| 0.1  | 0.2  | 0.3  | 0.4  | 0.1  | 0.7  | 0.3  |
| 3.7  | 4.4  | 7.0  | 6.1  | 4.1  | 4.3  | 0.9  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.4  | 0.1  | 0.2  | 0.3  | 0.0  | 0.0  |
| 2.6  | 4.4  | 2.4  | 2.8  | 3.3  | 3.9  | 3.6  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.1  | 0.1  | 0.3  | 0.3  | 0.5  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 3.9  | 6.0  | 7.4  | 6.4  | 5.6  | 8.9  | 4.6  |
| 0.6  | 0.5  | 0.5  | 0.8  | 1.2  | 0.2  | 1.3  |
| 0.5  | 0.5  | 2.0  | 1.1  | 0.8  | 1.2  | 0.0  |
| 0.0  | 0.0  | 0.4  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.2  | 0.7  | 0.5  | 0.2  | 0.9  | 0.7  |
| 2.7  | 3.9  | 4.8  | 6.3  | 3.3  | 4.1  | 2.6  |
| 15.1 | 15.3 | 18.4 | 26.3 | 20.2 | 17.6 | 24.1 |
| 1.3  | 1.5  | 1.9  | 2.8  | 2.7  | 3.3  | 0.3  |
| 0.8  | 3.0  | 7.1  | 6.7  | 3.5  | 6.2  | 1.9  |
| 0.1  | 0.1  | 0.5  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3.7  | 4.2  | 2.4  | 3.3  | 3.8  | 2.9  | 3.5  |
| 0.1  | 0.1  | 0.4  | 0.4  | 0.6  | 0.4  | 0.0  |
| 0.3  | 0.3  | 0.5  | 1.0  | 0.3  | 0.9  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  |
| 1.4  | 1.3  | 1.5  | 1.6  | 1.1  | 1.4  | 1.4  |
| 0.0  | 0.2  | 0.4  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.4  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.2  | 0.0  | 0.0  |
| 1.0  | 1.8  | 5.0  | 4.5  | 0.9  | 3.2  | 1.2  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.2  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.1  | 0.1  | 0.0  | 0.0  |
| 3.3  | 2.3  | 2.4  | 2.7  | 1.7  | 2.0  | 6.9  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.3  | 0.4  | 0.2  | 0.3  | 0.0  |
| 0.6  | 0.7  | 0.6  | 0.9  | 1.3  | 1.1  | 0.1  |
| 1.3  | 3.2  | 5.4  | 4.8  | 2.3  | 4.0  | 0.4  |
| 0.0  | 0.3  | 0.3  | 0.6  | 0.1  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 15.9 | 12.6 | 16.5 | 19.1 | 19.0 | 14.3 | 24.2 |
| 1.8  | 2.5  | 2.5  | 2.5  | 2.0  | 2.1  | 1.1  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  |
| 4.7  | 5.4  | 4.9  | 4.3  | 7.1  | 5.9  | 5.1  |
| 4.0  | 4.5  | 4.3  | 5.2  | 6.0  | 5.0  | 3.8  |
| 0.2  | 0.0  | 0.0  | 1.3  | 0.4  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.4  | 0.1  | 0.1  | 0.0  | 0.0  |
| 1.1  | 1.7  | 4.9  | 3.4  | 2.5  | 4.0  | 0.0  |
| 0.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.5  | 0.0  |
| 0.7  | 1.4  | 1.8  | 1.7  | 1.2  | 1.3  | 1.0  |
| 0.9  | 0.8  | 0.8  | 0.8  | 1.7  | 1.2  | 0.5  |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.2  | 0.4  | 1.3  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  |
| 6.3  | 6.4  | 7.8  | 8.1  | 9.1  | 7.2  | 8.5  |
| 0.1  | 0.0  | 0.1  | 0.3  | 0.1  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.4  | 0.5  | 0.4  | 0.3  | 0.0  |
| 2.5  | 2.7  | 5.7  | 8.6  | 3.4  | 4.8  | 2.0  |
| 1.1  | 1.7  | 1.7  | 1.6  | 1.7  | 2.2  | 2.2  |
| 0.5  | 0.2  | 0.6  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.5  | 1.9  | 2.3  | 1.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.6  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.7  | 0.8  | 0.9  | 0.8  | 0.5  | 1.3  | 0.0  |
| 0.8  | 2.2  | 4.1  | 3.3  | 1.7  | 4.2  | 2.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.3  | 0.0  |
| 1.6  | 1.8  | 2.6  | 1.6  | 1.7  | 1.3  | 1.3  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.8  | 0.9  | 1.4  | 0.7  | 1.4  | 0.6  |
| 0.0  | 0.2  | 0.0  | 0.1  | 0.3  | 0.2  | 0.0  |
| 9.3  | 12.7 | 12.9 | 12.2 | 12.3 | 15.8 | 16.0 |
| 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.2  | 0.0  |
| 0.2  | 0.2  | 0.1  | 0.1  | 0.1  | 0.2  | 0.7  |
| 0.0  | 0.2  | 0.0  | 0.4  | 0.1  | 0.0  | 0.0  |
| 0.9  | 2.0  | 4.2  | 4.5  | 1.7  | 3.8  | 1.4  |
| 0.0  | 0.0  | 0.2  | 0.4  | 0.0  | 0.0  | 0.0  |
| 11.2 | 12.7 | 9.6  | 10.4 | 10.1 | 11.8 | 16.1 |
| 0.2  | 0.5  | 1.0  | 1.3  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.3  | 0.2  | 0.1  | 0.0  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 3.5  | 4.2  | 3.8  | 3.5  | 5.4  | 4.7  | 2.6  |
| 1.8  | 3.4  | 5.5  | 6.3  | 2.4  | 5.3  | 1.8  |
| 5.6  | 4.2  | 6.3  | 4.3  | 5.6  | 6.6  | 9.4  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 5.0  | 7.1  | 4.8  | 4.4  | 8.3  | 8.0  | 4.1  |
| 0.0  | 0.1  | 0.0  | 0.4  | 0.1  | 0.2  | 0.0  |
| 0.1  | 0.0  | 0.3  | 0.2  | 0.1  | 0.0  | 0.0  |
| 0.6  | 1.1  | 3.3  | 3.4  | 1.1  | 2.6  | 0.9  |
| 3.6  | 3.8  | 13.0 | 7.0  | 5.8  | 7.6  | 2.8  |
| 6.5  | 12.4 | 8.6  | 10.4 | 8.4  | 10.2 | 6.6  |
| 0.0  | 0.0  | 0.8  | 0.2  | 0.0  | 0.5  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.7  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.2  | 0.4  | 0.0  | 0.0  | 0.3  | 0.0  |
| 2.7  | 6.0  | 12.8 | 7.8  | 5.1  | 9.0  | 1.5  |
| 3.6  | 3.9  | 6.1  | 5.6  | 5.4  | 5.0  | 8.9  |
| 0.0  | 0.2  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.3  | 0.0  | 0.2  | 0.0  |
| 0.5  | 1.9  | 3.5  | 2.6  | 2.0  | 1.8  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.0  | 0.1  | 0.2  | 0.0  |
| 2.4  | 5.6  | 12.2 | 10.1 | 4.3  | 9.4  | 1.0  |
| 0.6  | 0.1  | 1.5  | 0.7  | 0.1  | 1.3  | 0.0  |
| 0.1  | 0.2  | 0.7  | 0.2  | 0.2  | 0.5  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 2.5  | 3.2  | 3.5  | 4.8  | 3.5  | 4.7  | 1.7  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.1  | 0.3  | 0.0  |
| 0.6  | 0.9  | 2.3  | 2.0  | 1.0  | 1.2  | 1.1  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.3  | 0.0  |
| 0.1  | 0.2  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.6  | 2.0  | 2.0  | 0.8  | 0.9  | 1.4  | 1.2  |
| 10.7 | 9.7  | 12.9 | 13.7 | 12.3 | 11.2 | 24.9 |
| 0.3  | 0.5  | 0.9  | 1.0  | 0.3  | 0.9  | 0.0  |
| 3.1  | 3.3  | 6.1  | 5.7  | 3.5  | 4.6  | 3.7  |
| 2.0  | 3.0  | 2.9  | 3.2  | 3.5  | 4.0  | 1.7  |
| 0.1  | 0.2  | 0.1  | 0.4  | 0.0  | 0.7  | 0.0  |
| 0.0  | 0.2  | 0.3  | 0.3  | 0.2  | 0.3  | 0.0  |
| 1.7  | 1.4  | 2.0  | 3.1  | 1.6  | 3.1  | 0.6  |
| 0.0  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.2  | 0.5  | 0.4  | 0.2  | 0.3  | 0.4  |
| 0.1  | 0.2  | 0.9  | 0.5  | 0.3  | 0.9  | 0.0  |
| 0.2  | 0.4  | 0.3  | 0.7  | 0.1  | 0.3  | 0.6  |
| 0.1  | 0.0  | 0.4  | 0.4  | 0.0  | 0.3  | 0.0  |
| 0.2  | 0.1  | 0.4  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.8  | 2.7  | 4.9  | 4.2  | 2.1  | 3.7  | 1.0  |
| 0.4  | 0.3  | 0.3  | 0.6  | 0.3  | 0.4  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.2  | 0.2  | 0.7  | 0.3  | 0.2  | 0.2  | 0.0  |
| 0.1  | 0.3  | 0.9  | 0.4  | 0.3  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.2  | 0.0  | 0.6  | 0.4  |
| 4.8  | 8.5  | 17.6 | 19.5 | 7.5  | 13.1 | 3.4  |
| 0.0  | 0.0  | 0.4  | 0.1  | 0.0  | 0.1  | 0.0  |
| 1.4  | 2.9  | 6.8  | 4.6  | 2.3  | 4.5  | 0.5  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.1  | 0.2  | 0.6  | 0.4  | 0.3  | 0.0  |
| 1.3  | 2.4  | 4.4  | 4.6  | 2.6  | 4.9  | 1.9  |
| 6.2  | 7.9  | 7.6  | 7.3  | 8.2  | 8.5  | 4.4  |
| 0.0  | 0.2  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.3  | 1.2  | 1.5  | 1.4  | 1.1  | 1.6  | 1.6  |
| 0.3  | 0.3  | 0.4  | 0.3  | 0.1  | 0.3  | 0.2  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.5  | 0.0  | 0.4  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.3  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.0  | 0.2  | 0.0  |
| 1.0  | 1.8  | 2.0  | 2.4  | 1.1  | 1.6  | 0.3  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.1  | 0.1  | 0.2  |
| 4.7  | 8.7  | 9.1  | 4.3  | 8.7  | 10.4 | 3.1  |
| 14.1 | 20.2 | 24.6 | 19.4 | 20.2 | 20.9 | 14.4 |
| 0.0  | 0.1  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.1  | 1.1  | 1.9  | 2.5  | 0.7  | 1.8  | 0.4  |
| 0.1  | 0.1  | 0.2  | 0.3  | 0.4  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.5  | 0.1  | 0.1  | 0.0  |
| 0.8  | 1.7  | 5.1  | 4.2  | 1.3  | 3.3  | 0.8  |
| 0.2  | 0.3  | 0.8  | 0.3  | 0.1  | 2.0  | 0.0  |
| 0.3  | 0.3  | 0.5  | 0.2  | 0.0  | 0.6  | 0.0  |
| 48.3 | 44.9 | 46.4 | 61.1 | 53.3 | 47.7 | 62.1 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.2  | 0.2  | 0.3  | 0.3  | 0.6  |
| 0.6  | 0.7  | 1.6  | 0.5  | 0.2  | 0.8  | 0.4  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.2  | 0.0  |
| 3.4  | 6.6  | 6.8  | 6.1  | 6.0  | 6.1  | 3.8  |
| 0.0  | 0.1  | 0.4  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.2  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.4  | 0.6  | 0.9  | 1.1  | 0.2  | 0.1  | 0.1  |
| 0.7  | 0.4  | 1.3  | 0.7  | 0.9  | 0.7  | 0.3  |
| 0.2  | 0.3  | 0.3  | 0.5  | 0.2  | 0.2  | 0.0  |
| 0.3  | 0.3  | 0.6  | 0.4  | 0.3  | 0.4  | 0.9  |
| 0.1  | 0.0  | 0.5  | 0.1  | 0.1  | 0.7  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 1.4  | 1.3  | 2.0  | 1.7  | 2.9  | 3.0  | 0.4  |
| 5.0  | 8.1  | 6.3  | 5.5  | 4.8  | 8.0  | 6.5  |
| 9.3  | 9.0  | 8.1  | 7.2  | 6.6  | 8.1  | 6.6  |
| 0.3  | 0.0  | 0.7  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.4  | 0.5  | 1.3  | 1.5  | 1.4  | 0.7  | 0.4  |
| 0.2  | 0.0  | 0.3  | 0.3  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.3  | 0.4  | 1.4  | 3.1  | 0.9  | 1.7  | 1.7  |
| 0.0  | 0.1  | 0.4  | 0.2  | 0.0  | 0.1  | 0.0  |
| 8.4  | 7.5  | 8.8  | 7.9  | 8.3  | 8.8  | 9.0  |
| 59.2 | 72.6 | 58.3 | 56.8 | 76.9 | 64.1 | 48.4 |
| 0.2  | 0.2  | 0.3  | 0.2  | 0.4  | 0.5  | 0.0  |
| 0.7  | 1.1  | 1.8  | 0.9  | 1.5  | 2.2  | 0.9  |
| 0.0  | 0.1  | 0.3  | 0.1  | 0.2  | 0.1  | 0.0  |
| 2.5  | 2.7  | 2.0  | 1.9  | 2.6  | 3.6  | 0.8  |
| 1.0  | 2.6  | 3.5  | 5.2  | 3.4  | 3.1  | 0.0  |
| 0.9  | 1.6  | 1.9  | 2.0  | 1.2  | 2.6  | 0.9  |
| 0.0  | 0.1  | 0.5  | 0.3  | 0.2  | 0.0  | 0.0  |
| 0.2  | 0.2  | 0.1  | 0.6  | 0.1  | 0.0  | 0.4  |
| 5.8  | 7.6  | 10.0 | 9.9  | 7.3  | 9.0  | 10.3 |
| 0.0  | 0.2  | 0.7  | 0.7  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.4  | 1.8  | 1.8  | 2.1  | 2.1  | 2.1  | 1.6  |
| 0.4  | 0.4  | 0.1  | 0.3  | 0.2  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  |
| 3.7  | 4.9  | 4.9  | 4.6  | 4.6  | 4.4  | 2.4  |
| 0.2  | 0.6  | 0.7  | 0.5  | 0.3  | 1.4  | 0.0  |
| 1.3  | 2.3  | 3.0  | 3.2  | 1.7  | 2.6  | 0.7  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.1  | 0.2  | 0.0  |
| 21.6 | 29.2 | 18.6 | 19.1 | 31.4 | 23.5 | 18.8 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.4  | 0.1  | 0.0  | 0.2  | 0.0  |
| 4.6  | 7.4  | 7.2  | 4.9  | 6.0  | 8.4  | 4.0  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.1  | 0.0  |
| 3.5  | 4.8  | 4.7  | 5.1  | 4.8  | 5.1  | 4.8  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  |
| 2.1  | 2.6  | 3.6  | 3.6  | 3.4  | 3.7  | 1.7  |
| 1.6  | 1.5  | 1.5  | 1.1  | 2.5  | 2.2  | 0.6  |
| 0.1  | 0.0  | 0.0  | 0.0  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.2  | 0.0  |
| 0.7  | 0.2  | 0.0  | 0.3  | 0.3  | 2.8  | 1.1  |
| 5.8  | 2.9  | 2.4  | 4.1  | 8.3  | 4.9  | 1.7  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.6  | 0.5  | 1.6  | 0.9  | 1.3  | 1.0  | 1.2  |
| 0.4  | 0.3  | 0.6  | 0.4  | 0.8  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.2  | 0.2  | 0.0  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.6  | 0.7  | 0.7  | 1.0  | 0.6  | 0.9  | 0.7  |
| 1.2  | 3.3  | 5.6  | 5.1  | 2.0  | 4.9  | 0.0  |
| 0.2  | 0.0  | 0.0  | 0.2  | 0.1  | 0.1  | 0.0  |
| 1.7  | 2.1  | 1.9  | 2.2  | 2.0  | 2.6  | 2.9  |
| 0.1  | 0.0  | 0.3  | 0.4  | 0.1  | 0.2  | 0.2  |
| 0.3  | 0.4  | 1.0  | 1.2  | 0.8  | 0.7  | 1.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.2  | 0.0  | 0.0  |
| 1.8  | 2.1  | 2.2  | 2.4  | 3.0  | 2.0  | 1.2  |
| 0.2  | 0.2  | 0.5  | 0.5  | 0.5  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.5  | 0.3  | 0.0  | 0.0  | 3.8  |
| 0.0  | 0.1  | 0.0  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.8  | 0.7  | 0.7  | 0.9  | 1.0  | 0.6  | 1.6  |
| 1.1  | 1.2  | 2.5  | 1.7  | 1.6  | 2.5  | 0.0  |
| 0.5  | 0.2  | 0.7  | 0.2  | 0.5  | 0.9  | 0.0  |
| 6.8  | 11.7 | 15.6 | 15.4 | 9.6  | 11.4 | 6.7  |
| 1.8  | 1.2  | 2.0  | 2.0  | 2.4  | 1.6  | 0.0  |
| 2.2  | 2.8  | 2.4  | 2.6  | 3.1  | 3.0  | 3.3  |
| 9.9  | 12.2 | 35.3 | 28.2 | 12.9 | 56.1 | 7.5  |
| 43.2 | 59.8 | 56.5 | 58.4 | 53.6 | 57.3 | 55.2 |
| 0.0  | 0.0  | 1.3  | 1.6  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 12.7 | 7.5  | 7.5  | 5.0  | 11.0 | 5.7  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.4  | 0.0  | 2.1  | 2.5  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 5.0  | 13.7 | 65.9 | 21.6 | 1.7  | 18.9 | 0.0  |
| 0.0  | 1.6  | 0.0  | 5.7  | 0.0  | 2.9  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.9  | 0.0  | 1.5  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.1  | 0.0  | 0.2  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |



|     |     |     |      |      |     |      |
|-----|-----|-----|------|------|-----|------|
| 0.0 | 0.0 | 0.0 | 0.0  | 2.6  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.1 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 2.5 | 0.0  |
| 1.1 | 2.2 | 6.0 | 4.9  | 2.2  | 2.1 | 0.5  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0 | 0.0  |
| 0.7 | 0.8 | 1.4 | 1.3  | 0.6  | 1.6 | 0.9  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0 | 0.0  |
| 3.6 | 4.7 | 5.7 | 7.9  | 7.5  | 9.1 | 0.9  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0 | 0.0  |
| 2.5 | 6.2 | 3.7 | 19.0 | 9.9  | 4.4 | 3.1  |
| 0.3 | 0.4 | 1.2 | 1.0  | 0.5  | 0.3 | 0.0  |
| 1.8 | 1.4 | 1.4 | 3.2  | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0 | 0.0  |
| 0.1 | 0.3 | 0.5 | 0.9  | 0.8  | 0.1 | 0.0  |
| 0.0 | 1.8 | 0.0 | 0.0  | 0.0  | 0.0 | 22.8 |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0 | 0.0  |
| 3.8 | 3.9 | 0.9 | 0.6  | 3.3  | 4.5 | 7.2  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.1  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0 | 0.0  |
| 0.0 | 1.2 | 0.0 | 1.4  | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.1 | 0.4 | 0.6  | 0.1  | 0.3 | 0.0  |
| 3.1 | 0.0 | 3.1 | 3.7  | 1.8  | 0.0 | 0.0  |
| 0.5 | 1.3 | 2.1 | 2.0  | 0.7  | 2.2 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0 | 0.0  |
| 4.6 | 4.1 | 5.4 | 4.2  | 5.9  | 6.4 | 3.2  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0 | 0.0  |
| 0.3 | 0.4 | 0.5 | 0.4  | 0.5  | 1.3 | 4.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0 | 0.0  |
| 6.8 | 8.7 | 7.6 | 8.0  | 10.2 | 9.7 | 5.9  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0 | 0.0  |
| 0.2 | 0.1 | 0.5 | 0.2  | 0.6  | 0.1 | 0.0  |
| 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0 | 0.0  |

|     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.7 | 0.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1.8 | 0.0 | 0.0 | 1.6 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.3 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1.8 | 0.0 | 1.3 | 0.0 | 1.5 | 4.7 | 0.0 |
| 0.0 | 0.0 | 0.0 | 3.2 | 6.2 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1.0 | 0.0 | 1.5 | 6.9 | 0.0 | 7.8 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 2.9 | 0.0 | 1.6 | 2.5 | 0.0 |
| 0.0 | 0.0 | 0.0 | 2.4 | 0.0 | 0.0 | 0.0 |
| 1.1 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 1.6 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.8 | 1.9 | 1.4 | 0.5 | 2.1 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.3 | 0.8 | 1.9 | 1.6 | 1.2 | 2.4 | 0.9 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.1 | 0.1 | 0.1 | 0.2 | 0.0 | 0.1 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.3 | 0.1 | 0.4 | 0.7 | 0.4 | 1.0 | 0.6 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1.0 | 1.5 | 1.5 | 3.5 | 5.1 | 5.3 | 0.0 |
| 0.5 | 1.9 | 2.5 | 2.9 | 1.5 | 2.2 | 0.4 |

[illegible]

[illegible]

|      |     |     |     |      |     |      |
|------|-----|-----|-----|------|-----|------|
| 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.8  | 0.0 | 1.2 | 1.4 | 0.0  | 0.0 | 0.0  |
| 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.9  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0  | 2.7 | 0.0 | 4.7 | 3.0  | 2.4 | 0.0  |
| 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0  | 0.0 | 8.7 | 0.0 | 0.0  | 0.0 | 0.0  |
| 15.9 | 6.4 | 2.6 | 4.5 | 13.0 | 9.0 | 12.6 |
| 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0  | 0.0 | 2.4 | 2.8 | 1.4  | 0.0 | 0.0  |
| 0.0  | 1.3 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0  | 0.0 | 0.0 | 0.0 | 1.4  | 0.0 | 0.0  |
| 0.0  | 0.0 | 3.3 | 1.3 | 0.0  | 0.0 | 0.0  |
| 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.7  | 0.0 | 0.0 | 0.0 | 0.0  | 1.9 | 0.0  |
| 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 1.1  | 1.6 | 8.0 | 1.9 | 0.0  | 0.0 | 0.0  |
| 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0  | 3.5 | 4.7 | 6.8 | 1.3  | 6.2 | 0.0  |
| 0.0  | 1.5 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.9  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0  | 0.0 | 4.2 | 1.6 | 0.0  | 2.5 | 0.0  |
| 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
| 0.0  | 0.0 | 0.0 | 5.6 | 0.0  | 0.0 | 0.0  |

[illegible]

|     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.5 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 1.7 | 0.0 | 0.0 | 0.0 |
| 1.8 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 1.7 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.7 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.8 | 0.0 | 0.0 | 2.9 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 1.4 | 6.5 | 0.0 | 2.5 | 0.0 |
| 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 6.7 | 5.9 | 1.5 | 6.9 | 8.3 | 7.8 | 7.2 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1.0 | 1.5 | 9.1 | 8.9 | 1.7 | 2.7 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 3.2 | 0.0 |
| 0.0 | 0.0 | 0.0 | 1.4 | 2.8 | 2.2 | 0.0 |

[illegible]



|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.1  | 0.2  | 0.1  | 0.4  | 0.6  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.2  | 0.2  | 0.0  | 0.0  |
| 2.7  | 3.1  | 1.9  | 2.5  | 3.6  | 2.2  | 2.0  |
| 41.3 | 52.1 | 44.2 | 45.1 | 60.6 | 51.4 | 22.9 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 7.5  | 9.5  | 10.8 | 11.9 | 11.0 | 10.3 | 8.1  |
| 1.2  | 1.8  | 2.1  | 2.1  | 1.6  | 1.7  | 1.8  |
| 0.1  | 0.2  | 0.7  | 0.5  | 0.1  | 0.6  | 0.0  |
| 3.3  | 4.8  | 4.9  | 6.0  | 7.0  | 6.1  | 5.0  |
| 0.3  | 0.9  | 1.7  | 2.1  | 0.5  | 2.0  | 0.0  |
| 8.6  | 10.3 | 11.1 | 11.8 | 10.7 | 12.4 | 10.1 |
| 0.1  | 0.2  | 0.1  | 0.7  | 0.0  | 0.3  | 1.2  |
| 4.6  | 4.1  | 5.8  | 7.1  | 7.8  | 5.2  | 2.5  |
| 0.0  | 0.0  | 0.5  | 0.2  | 0.0  | 0.5  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.6  | 0.0  |
| 1.0  | 1.4  | 1.8  | 1.6  | 2.2  | 1.9  | 0.3  |
| 5.6  | 8.1  | 7.3  | 8.4  | 7.1  | 6.7  | 5.8  |
| 0.7  | 1.1  | 1.2  | 1.0  | 1.2  | 1.2  | 0.9  |
| 0.1  | 0.0  | 0.4  | 0.3  | 0.2  | 0.1  | 0.0  |
| 0.8  | 0.9  | 1.3  | 1.5  | 1.1  | 1.3  | 1.0  |
| 0.2  | 0.1  | 0.2  | 0.0  | 0.0  | 0.3  | 0.0  |
| 0.1  | 0.3  | 0.5  | 0.5  | 0.1  | 0.7  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.3  | 0.2  | 0.0  | 0.0  |
| 8.0  | 8.4  | 8.5  | 8.7  | 10.5 | 9.3  | 9.9  |
| 0.7  | 0.8  | 0.8  | 0.9  | 1.0  | 0.9  | 0.2  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.6  | 1.2  | 2.5  | 1.5  | 2.8  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.4  | 0.4  | 0.5  | 0.6  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.9  | 0.0  | 0.0  | 1.7  | 1.6  | 0.0  | 0.0  |
| 1.1  | 33.9 | 0.0  | 26.0 | 5.8  | 3.0  | 0.0  |
| 0.6  | 2.6  | 4.4  | 4.1  | 2.0  | 4.3  | 1.6  |
| 0.1  | 0.1  | 0.3  | 0.2  | 0.0  | 0.2  | 0.0  |
| 2.0  | 3.0  | 4.2  | 4.0  | 4.5  | 3.7  | 3.2  |
| 0.6  | 0.7  | 0.6  | 0.4  | 0.8  | 0.8  | 0.4  |
| 0.6  | 1.1  | 2.1  | 1.5  | 0.7  | 2.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.1  |
| 0.1  | 0.1  | 0.2  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.5  | 0.5  | 0.8  | 0.7  | 0.4  | 1.3  | 0.0  |
| 0.3  | 1.3  | 2.1  | 2.4  | 1.5  | 2.4  | 1.3  |
| 7.0  | 9.4  | 13.4 | 14.9 | 10.4 | 12.3 | 9.8  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.2  | 0.2  | 0.2  | 0.5  | 0.4  | 0.6  | 0.0  |
| 0.9  | 2.3  | 5.4  | 3.9  | 1.7  | 3.1  | 1.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.0  |
| 0.2  | 0.3  | 0.6  | 0.3  | 0.4  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.0  | 0.2  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.0  | 0.2  | 0.0  | 0.1  | 0.0  |
| 27.0 | 38.4 | 41.2 | 37.1 | 37.6 | 40.6 | 22.3 |
| 2.4  | 2.5  | 5.8  | 5.8  | 3.8  | 3.3  | 2.4  |
| 0.9  | 2.7  | 4.3  | 4.7  | 1.4  | 3.8  | 2.4  |
| 0.5  | 0.6  | 1.7  | 1.5  | 0.6  | 1.3  | 0.0  |
| 2.0  | 3.9  | 6.2  | 4.7  | 3.5  | 4.2  | 0.1  |
| 0.2  | 0.1  | 0.4  | 0.3  | 0.1  | 0.2  | 0.7  |
| 0.1  | 0.1  | 0.2  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.8  | 0.8  | 0.5  | 0.6  | 0.1  | 0.6  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.1  | 0.0  | 0.7  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.3  | 0.2  | 0.1  | 0.0  |
| 0.0  | 0.2  | 0.2  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.5  | 0.8  | 2.1  | 2.4  | 1.1  | 2.3  | 0.2  |
| 0.3  | 0.6  | 1.7  | 1.5  | 0.3  | 1.0  | 0.2  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.9  | 1.1  | 1.3  | 1.4  | 1.3  | 1.0  | 0.4  |
| 15.1 | 26.7 | 17.2 | 11.2 | 4.3  | 43.9 | 4.7  |
| 0.4  | 0.5  | 0.5  | 0.6  | 1.0  | 0.7  | 0.6  |
| 0.2  | 0.6  | 1.5  | 0.9  | 0.4  | 1.7  | 0.0  |
| 1.4  | 2.2  | 3.0  | 3.2  | 2.0  | 2.5  | 1.7  |
| 0.1  | 0.2  | 0.3  | 0.3  | 0.2  | 0.3  | 0.0  |
| 0.4  | 0.6  | 1.0  | 0.9  | 0.7  | 0.7  | 0.5  |
| 2.2  | 3.8  | 7.8  | 7.1  | 4.3  | 6.5  | 2.0  |
| 1.8  | 2.4  | 2.7  | 3.5  | 2.3  | 1.3  | 2.7  |
| 0.5  | 0.8  | 1.5  | 1.3  | 0.6  | 1.1  | 0.3  |
| 0.6  | 0.6  | 1.1  | 0.9  | 0.7  | 1.3  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.3  | 0.0  | 0.0  | 0.0  |
| 7.1  | 8.0  | 6.0  | 7.1  | 9.4  | 10.0 | 5.5  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.4  | 0.6  | 0.5  | 0.4  | 0.5  | 0.2  |
| 0.0  | 0.2  | 0.3  | 0.7  | 0.2  | 0.5  | 0.0  |
| 9.5  | 13.0 | 12.3 | 13.5 | 12.4 | 13.0 | 13.8 |
| 0.3  | 0.8  | 1.2  | 1.4  | 0.6  | 1.2  | 0.8  |
| 0.1  | 0.2  | 0.3  | 0.2  | 0.3  | 0.2  | 0.2  |
| 5.8  | 2.5  | 1.8  | 2.1  | 3.8  | 11.0 | 2.6  |
| 0.4  | 1.0  | 1.7  | 2.0  | 0.8  | 1.3  | 0.3  |
| 3.0  | 2.9  | 4.3  | 4.9  | 3.5  | 4.5  | 4.3  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.3  | 0.0  |
| 0.4  | 0.3  | 0.4  | 0.2  | 0.9  | 0.3  | 0.7  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.1  | 0.1  | 0.0  | 0.2  | 0.1  | 0.0  |
| 0.1  | 0.2  | 0.8  | 0.4  | 0.2  | 0.4  | 0.0  |
| 5.7  | 6.6  | 5.8  | 5.9  | 8.6  | 8.8  | 3.1  |
| 0.0  | 0.0  | 0.5  | 0.5  | 0.1  | 0.0  | 0.0  |
| 0.3  | 0.3  | 0.4  | 0.0  | 0.0  | 0.9  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.1  | 0.2  | 0.4  | 0.0  |
| 0.4  | 0.5  | 0.4  | 0.4  | 0.7  | 0.5  | 0.2  |
| 8.2  | 7.2  | 8.3  | 11.0 | 7.6  | 10.1 | 10.6 |
| 0.1  | 0.3  | 0.9  | 0.6  | 0.3  | 0.2  | 0.6  |
| 0.7  | 1.0  | 1.2  | 1.0  | 0.8  | 1.2  | 0.4  |
| 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 1.8  | 0.0  |
| 1.5  | 1.3  | 1.3  | 1.2  | 3.0  | 0.9  | 2.8  |
| 3.2  | 3.8  | 5.0  | 4.5  | 3.8  | 3.8  | 4.9  |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.1  | 0.2  | 0.0  |
| 0.8  | 0.8  | 0.2  | 0.2  | 0.7  | 1.0  | 0.4  |
| 0.7  | 0.5  | 0.6  | 0.6  | 0.5  | 0.7  | 0.6  |
| 0.8  | 1.1  | 2.7  | 2.0  | 1.2  | 1.9  | 0.5  |
| 2.0  | 2.8  | 2.9  | 3.3  | 3.7  | 3.6  | 2.9  |
| 1.7  | 1.5  | 1.4  | 1.6  | 2.9  | 1.6  | 0.9  |
| 15.4 | 21.6 | 20.9 | 23.8 | 21.6 | 22.9 | 28.8 |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.9  | 1.4  | 1.2  | 1.4  | 1.1  | 1.3  | 1.1  |
| 0.1  | 0.1  | 0.2  | 0.3  | 0.1  | 0.3  | 0.0  |
| 0.1  | 0.2  | 0.0  | 0.0  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.7  | 0.7  | 0.6  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.2  | 0.1  | 0.3  | 0.1  |
| 1.0  | 1.6  | 2.3  | 2.0  | 2.1  | 2.4  | 0.0  |
| 14.2 | 13.9 | 9.9  | 9.2  | 21.0 | 19.5 | 17.6 |
| 0.8  | 1.3  | 2.2  | 2.4  | 1.4  | 2.0  | 0.0  |
| 0.6  | 0.8  | 1.3  | 1.2  | 1.0  | 1.2  | 1.3  |
| 7.5  | 11.5 | 14.5 | 14.1 | 10.6 | 12.7 | 7.5  |
| 0.3  | 0.0  | 0.8  | 0.6  | 0.8  | 0.3  | 0.0  |
| 2.1  | 2.1  | 1.7  | 2.0  | 2.6  | 2.7  | 0.4  |
| 1.7  | 2.1  | 2.0  | 2.0  | 2.2  | 2.4  | 1.9  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.0  | 0.0  | 0.5  | 0.0  |
| 1.1  | 1.1  | 1.6  | 1.5  | 1.6  | 1.8  | 0.1  |
| 0.0  | 0.0  | 0.3  | 0.1  | 0.1  | 0.3  | 0.0  |
| 0.3  | 0.6  | 1.3  | 1.3  | 0.7  | 0.8  | 0.0  |
| 0.1  | 0.2  | 0.1  | 0.2  | 0.0  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 17.7 | 21.5 | 17.9 | 17.7 | 24.5 | 24.3 | 10.5 |
| 0.2  | 0.5  | 0.3  | 0.0  | 0.0  | 1.1  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.1  | 0.0  |
| 1.0  | 1.1  | 0.9  | 1.0  | 1.1  | 1.6  | 2.4  |
| 0.1  | 0.1  | 0.0  | 0.3  | 0.4  | 0.3  | 0.0  |
| 7.4  | 8.8  | 3.2  | 3.6  | 6.3  | 10.0 | 10.6 |

|      |      |      |      |      |      |       |
|------|------|------|------|------|------|-------|
| 0.4  | 0.4  | 1.0  | 1.0  | 1.3  | 0.9  | 0.0   |
| 47.5 | 42.9 | 40.4 | 42.0 | 45.6 | 47.7 | 46.2  |
| 0.5  | 0.8  | 0.7  | 0.8  | 0.7  | 1.2  | 1.0   |
| 2.0  | 2.1  | 1.8  | 2.1  | 1.9  | 2.4  | 1.6   |
| 0.1  | 0.0  | 1.2  | 0.7  | 0.4  | 0.4  | 0.0   |
| 1.7  | 2.7  | 2.8  | 3.1  | 2.6  | 3.8  | 2.8   |
| 0.5  | 1.0  | 1.3  | 2.3  | 0.5  | 1.4  | 0.0   |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0   |
| 0.6  | 0.3  | 1.6  | 1.8  | 1.7  | 1.9  | 4.8   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   |
| 4.4  | 6.3  | 7.1  | 7.7  | 5.3  | 5.6  | 6.5   |
| 9.3  | 12.3 | 8.6  | 8.0  | 13.8 | 10.4 | 3.4   |
| 1.5  | 1.5  | 0.7  | 1.0  | 1.2  | 1.3  | 1.3   |
| 3.1  | 3.9  | 2.0  | 2.0  | 3.9  | 2.1  | 0.3   |
| 0.9  | 1.8  | 2.4  | 2.6  | 1.9  | 2.4  | 1.2   |
| 3.2  | 4.3  | 4.8  | 5.5  | 5.1  | 4.1  | 4.8   |
| 0.9  | 1.1  | 0.9  | 1.1  | 1.7  | 1.5  | 0.1   |
| 0.6  | 0.9  | 1.0  | 1.9  | 1.0  | 1.0  | 0.9   |
| 9.0  | 10.9 | 13.1 | 14.1 | 14.3 | 17.2 | 7.5   |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0   |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0   |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0   |
| 8.6  | 9.9  | 11.2 | 13.2 | 10.0 | 11.2 | 9.2   |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.3  | 0.0   |
| 0.0  | 0.0  | 0.0  | 0.3  | 0.0  | 0.2  | 0.0   |
| 1.2  | 2.4  | 4.5  | 5.4  | 2.2  | 4.3  | 1.0   |
| 0.7  | 0.9  | 2.3  | 0.4  | 1.3  | 1.0  | 0.5   |
| 0.7  | 0.7  | 0.9  | 1.1  | 0.9  | 0.7  | 1.1   |
| 2.7  | 3.8  | 3.9  | 4.1  | 3.9  | 3.6  | 4.1   |
| 2.6  | 2.7  | 2.7  | 3.6  | 3.0  | 3.4  | 2.5   |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.0  | 0.0  | 0.0   |
| 5.4  | 5.6  | 4.8  | 4.9  | 6.1  | 6.1  | 4.9   |
| 2.5  | 2.1  | 1.6  | 1.4  | 3.4  | 2.8  | 0.9   |
| 0.0  | 0.0  | 0.1  | 0.3  | 0.0  | 0.0  | 0.0   |
| 0.6  | 0.7  | 0.3  | 0.5  | 1.2  | 0.5  | 0.4   |
| 0.1  | 0.0  | 0.5  | 0.2  | 0.2  | 0.0  | 0.0   |
| 0.4  | 0.4  | 1.2  | 1.2  | 0.9  | 1.4  | 0.0   |
| 1.9  | 2.4  | 2.6  | 2.4  | 2.6  | 2.0  | 1.6   |
| 10.0 | 8.8  | 7.5  | 12.5 | 14.2 | 18.3 | 6.2   |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.1  | 0.0  | 0.0   |
| 0.2  | 0.1  | 0.4  | 0.4  | 0.2  | 0.3  | 0.1   |
| 0.1  | 0.5  | 0.9  | 0.9  | 0.4  | 0.6  | 0.4   |
| 0.2  | 0.4  | 0.7  | 0.5  | 0.5  | 0.6  | 0.4   |
| 5.6  | 4.3  | 6.4  | 7.1  | 6.6  | 5.9  | 4.8   |
| 7.0  | 8.7  | 12.4 | 13.7 | 9.7  | 13.8 | 10.4  |
| 53.0 | 61.2 | 57.0 | 64.5 | 71.7 | 90.2 | 101.7 |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 1.1  | 1.4  | 1.5  | 1.6  | 1.7  | 1.9  | 1.6  |
| 8.7  | 11.7 | 10.2 | 10.7 | 8.3  | 11.6 | 8.3  |
| 9.5  | 9.2  | 10.0 | 10.3 | 16.7 | 14.0 | 3.0  |
| 5.0  | 5.7  | 3.2  | 2.9  | 4.5  | 3.9  | 8.3  |
| 0.1  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.2  | 0.0  | 0.0  |
| 1.5  | 1.5  | 2.1  | 2.8  | 2.1  | 3.4  | 1.9  |
| 1.2  | 1.3  | 2.0  | 1.0  | 1.2  | 1.5  | 0.6  |
| 5.2  | 4.1  | 4.8  | 5.3  | 5.0  | 6.8  | 3.5  |
| 4.7  | 7.0  | 4.5  | 4.9  | 7.4  | 7.1  | 1.3  |
| 0.2  | 0.3  | 0.7  | 0.8  | 0.4  | 0.8  | 0.0  |
| 2.8  | 3.8  | 3.8  | 4.2  | 4.3  | 2.0  | 0.8  |
| 13.4 | 17.2 | 16.6 | 19.5 | 15.0 | 14.7 | 11.6 |
| 40.0 | 39.9 | 39.2 | 39.4 | 42.8 | 46.7 | 38.5 |
| 0.6  | 0.8  | 0.7  | 0.9  | 1.5  | 0.5  | 0.4  |
| 0.3  | 0.5  | 1.1  | 1.0  | 0.3  | 0.6  | 0.7  |
| 8.5  | 10.2 | 11.8 | 13.2 | 11.6 | 9.6  | 9.5  |
| 0.2  | 0.0  | 0.2  | 0.2  | 0.4  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.3  | 0.2  | 0.1  | 0.0  |
| 0.8  | 1.6  | 5.0  | 4.4  | 3.2  | 2.4  | 1.8  |
| 7.2  | 10.5 | 12.7 | 15.1 | 9.3  | 9.3  | 5.5  |
| 0.0  | 0.0  | 0.3  | 0.2  | 0.0  | 0.2  | 0.1  |
| 0.0  | 0.0  | 0.4  | 0.5  | 0.2  | 0.1  | 0.0  |
| 7.7  | 6.9  | 7.1  | 8.1  | 8.0  | 7.6  | 7.7  |
| 3.7  | 4.0  | 2.4  | 2.7  | 4.2  | 5.5  | 5.0  |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.0  | 0.3  | 0.4  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 9.4  | 8.9  | 9.6  | 11.5 | 9.7  | 9.1  | 15.4 |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.5  | 1.0  | 1.2  | 0.6  | 1.0  | 1.0  |
| 2.7  | 3.8  | 4.4  | 4.0  | 5.2  | 3.3  | 2.2  |
| 1.6  | 2.4  | 2.1  | 2.8  | 3.1  | 2.8  | 1.4  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 2.1  | 2.2  | 3.5  | 3.5  | 2.8  | 2.4  | 2.0  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.0  | 0.3  | 0.0  |
| 3.5  | 6.7  | 8.2  | 8.2  | 4.5  | 6.4  | 4.7  |
| 22.3 | 20.1 | 36.0 | 35.6 | 30.7 | 15.7 | 9.9  |
| 3.7  | 4.4  | 3.2  | 3.8  | 3.4  | 4.4  | 0.6  |
| 2.2  | 2.7  | 3.0  | 3.1  | 4.8  | 3.4  | 0.5  |
| 3.2  | 6.5  | 6.0  | 5.2  | 6.9  | 4.7  | 4.3  |
| 3.5  | 5.4  | 5.8  | 5.5  | 4.6  | 7.2  | 4.0  |
| 5.7  | 4.2  | 6.7  | 4.1  | 7.4  | 6.7  | 5.7  |
| 0.3  | 0.1  | 0.3  | 0.3  | 0.2  | 0.5  | 0.0  |
| 55.3 | 83.2 | 76.4 | 83.2 | 76.6 | 68.5 | 91.7 |
| 0.6  | 0.6  | 1.1  | 0.9  | 0.9  | 1.1  | 0.7  |

|      |      |      |      |      |      |       |
|------|------|------|------|------|------|-------|
| 22.7 | 19.6 | 26.3 | 30.6 | 33.3 | 25.5 | 53.9  |
| 4.6  | 4.6  | 5.2  | 7.2  | 8.4  | 4.9  | 6.3   |
| 0.3  | 0.3  | 1.0  | 0.4  | 0.2  | 0.4  | 0.0   |
| 6.4  | 8.9  | 9.4  | 11.3 | 9.5  | 13.3 | 4.2   |
| 0.2  | 0.2  | 0.7  | 0.6  | 0.3  | 0.4  | 0.0   |
| 6.9  | 10.3 | 8.6  | 8.3  | 9.1  | 8.8  | 15.0  |
| 9.6  | 10.4 | 8.9  | 13.9 | 9.6  | 7.9  | 1.9   |
| 9.8  | 10.1 | 11.4 | 11.3 | 10.1 | 9.3  | 10.1  |
| 2.7  | 1.6  | 2.8  | 2.9  | 2.1  | 3.0  | 3.2   |
| 3.9  | 5.8  | 5.2  | 5.0  | 5.2  | 3.7  | 0.6   |
| 6.0  | 6.4  | 5.6  | 5.6  | 7.4  | 7.4  | 6.0   |
| 46.0 | 70.5 | 68.5 | 69.5 | 64.1 | 66.4 | 55.2  |
| 8.3  | 7.8  | 6.4  | 10.5 | 8.2  | 11.6 | 7.0   |
| 2.0  | 2.1  | 1.6  | 1.8  | 1.2  | 1.4  | 1.3   |
| 17.1 | 24.4 | 16.7 | 21.1 | 28.4 | 24.4 | 11.4  |
| 20.2 | 27.0 | 24.2 | 26.3 | 23.3 | 23.5 | 24.3  |
| 7.2  | 8.7  | 8.1  | 9.4  | 8.1  | 8.3  | 1.4   |
| 36.5 | 32.0 | 25.8 | 40.2 | 28.8 | 34.3 | 49.3  |
| 2.3  | 4.1  | 6.4  | 3.8  | 4.0  | 3.7  | 4.9   |
| 3.7  | 4.4  | 5.4  | 5.6  | 4.6  | 3.8  | 5.7   |
| 0.0  | 0.0  | 0.3  | 0.5  | 0.0  | 0.0  | 0.0   |
| 11.1 | 14.9 | 15.5 | 19.3 | 15.3 | 17.1 | 18.3  |
| 0.2  | 1.0  | 0.9  | 0.6  | 0.9  | 0.8  | 0.3   |
| 25.0 | 28.2 | 28.2 | 27.8 | 29.7 | 29.1 | 33.9  |
| 7.7  | 8.9  | 11.9 | 13.6 | 10.5 | 10.3 | 8.0   |
| 5.2  | 9.3  | 8.1  | 7.4  | 7.9  | 7.7  | 10.5  |
| 0.7  | 0.8  | 0.9  | 2.3  | 0.6  | 0.4  | 0.0   |
| 15.0 | 20.2 | 21.9 | 22.0 | 20.3 | 16.1 | 26.5  |
| 14.3 | 14.4 | 17.5 | 16.2 | 18.1 | 16.9 | 24.7  |
| 9.7  | 17.1 | 19.7 | 24.1 | 15.2 | 15.6 | 21.1  |
| 25.1 | 27.9 | 35.9 | 41.3 | 39.9 | 25.9 | 31.2  |
| 48.5 | 70.7 | 52.5 | 65.6 | 47.1 | 53.6 | 53.5  |
| 4.1  | 5.1  | 4.1  | 4.8  | 4.0  | 5.6  | 0.9   |
| 1.1  | 1.3  | 1.2  | 1.0  | 1.7  | 1.4  | 0.3   |
| 9.1  | 8.0  | 8.5  | 8.5  | 14.9 | 10.1 | 6.2   |
| 19.4 | 18.8 | 7.3  | 7.9  | 16.9 | 16.1 | 12.9  |
| 1.0  | 2.8  | 3.2  | 1.0  | 2.4  | 1.9  | 3.0   |
| 0.0  | 0.1  | 0.5  | 0.2  | 0.0  | 0.0  | 0.0   |
| 58.5 | 71.9 | 49.9 | 54.8 | 56.1 | 68.1 | 105.3 |
| 5.3  | 5.7  | 9.0  | 9.6  | 7.5  | 7.8  | 2.5   |
| 37.6 | 60.0 | 52.6 | 54.0 | 46.9 | 54.8 | 48.9  |
| 3.1  | 3.7  | 4.6  | 5.8  | 4.4  | 3.0  | 4.4   |
| 30.2 | 35.1 | 40.2 | 48.9 | 30.5 | 29.6 | 44.1  |
| 0.1  | 0.0  | 0.1  | 0.0  | 0.0  | 0.2  | 0.0   |
| 52.1 | 67.0 | 82.3 | 80.8 | 73.6 | 67.0 | 58.2  |
| 5.2  | 4.0  | 3.9  | 3.7  | 5.0  | 7.2  | 2.4   |
| 15.1 | 15.8 | 15.2 | 18.5 | 16.3 | 17.0 | 10.4  |

|      |      |      |      |      |      |       |
|------|------|------|------|------|------|-------|
| 3.0  | 5.3  | 3.2  | 4.2  | 6.2  | 8.1  | 0.9   |
| 24.2 | 48.0 | 44.8 | 56.5 | 34.1 | 37.1 | 53.2  |
| 1.1  | 1.9  | 2.5  | 3.8  | 2.8  | 1.8  | 2.0   |
| 12.2 | 14.6 | 13.0 | 15.7 | 13.3 | 16.2 | 14.0  |
| 0.8  | 1.2  | 2.7  | 2.4  | 3.8  | 1.3  | 2.8   |
| 4.6  | 4.0  | 4.9  | 5.1  | 5.8  | 5.3  | 3.4   |
| 8.2  | 12.8 | 9.8  | 10.4 | 15.8 | 17.1 | 6.2   |
| 1.1  | 2.3  | 2.3  | 3.7  | 2.6  | 3.3  | 0.2   |
| 4.7  | 7.1  | 10.2 | 12.0 | 9.5  | 11.3 | 13.5  |
| 3.6  | 4.1  | 3.5  | 3.8  | 6.2  | 5.2  | 1.1   |
| 5.3  | 5.5  | 4.8  | 7.6  | 6.0  | 5.3  | 3.2   |
| 0.0  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0   |
| 4.8  | 6.8  | 9.2  | 9.4  | 8.2  | 7.3  | 4.2   |
| 0.2  | 0.4  | 0.4  | 0.4  | 0.8  | 0.3  | 0.8   |
| 1.1  | 2.0  | 3.6  | 3.5  | 1.5  | 2.5  | 1.2   |
| 2.7  | 4.5  | 2.9  | 3.5  | 4.2  | 3.5  | 0.7   |
| 1.3  | 1.8  | 2.9  | 3.2  | 2.3  | 2.4  | 2.3   |
| 2.2  | 2.4  | 3.8  | 3.6  | 2.8  | 2.8  | 3.1   |
| 0.2  | 0.5  | 1.2  | 1.1  | 0.4  | 1.0  | 0.4   |
| 21.7 | 25.9 | 23.1 | 26.6 | 22.4 | 22.1 | 35.1  |
| 1.3  | 1.4  | 2.1  | 2.2  | 2.1  | 2.2  | 0.5   |
| 1.9  | 2.2  | 2.2  | 2.4  | 1.7  | 2.2  | 3.2   |
| 2.5  | 3.2  | 4.0  | 3.4  | 4.7  | 4.7  | 5.1   |
| 0.7  | 1.0  | 1.6  | 1.5  | 0.9  | 1.1  | 0.9   |
| 35.9 | 36.0 | 28.2 | 34.1 | 39.4 | 31.5 | 50.1  |
| 0.9  | 0.8  | 0.8  | 1.0  | 1.0  | 1.1  | 0.9   |
| 3.2  | 4.2  | 2.2  | 2.5  | 3.1  | 3.8  | 2.8   |
| 2.8  | 3.7  | 3.2  | 3.2  | 4.2  | 3.4  | 1.5   |
| 10.1 | 14.4 | 17.2 | 16.8 | 16.1 | 16.3 | 11.0  |
| 7.0  | 10.7 | 13.0 | 13.2 | 11.6 | 10.6 | 15.0  |
| 12.4 | 15.3 | 17.4 | 17.3 | 15.5 | 21.5 | 12.1  |
| 1.5  | 1.7  | 1.6  | 1.7  | 2.0  | 3.0  | 2.7   |
| 7.9  | 8.0  | 11.4 | 12.4 | 10.8 | 10.7 | 8.9   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   |
| 0.1  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0   |
| 0.1  | 0.2  | 0.1  | 0.5  | 0.0  | 0.0  | 0.0   |
| 68.2 | 54.0 | 44.5 | 59.4 | 74.3 | 84.9 | 145.3 |
| 0.3  | 1.2  | 1.4  | 1.4  | 1.2  | 1.5  | 1.6   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.3  | 0.3  | 0.0   |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0   |
| 1.0  | 0.3  | 0.5  | 0.3  | 0.9  | 0.0  | 2.5   |
| 0.8  | 0.3  | 0.8  | 0.7  | 1.0  | 0.2  | 0.0   |
| 0.1  | 0.0  | 0.5  | 0.2  | 0.1  | 0.1  | 0.0   |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0   |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0   |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.8  | 1.2  | 1.9  | 0.9  | 2.1  | 1.1  | 2.3  |
| 0.5  | 0.4  | 0.2  | 0.4  | 0.1  | 0.0  | 0.0  |
| 15.0 | 11.6 | 14.2 | 13.1 | 6.7  | 11.7 | 6.7  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.4  | 0.0  | 0.0  | 0.0  |
| 0.7  | 1.0  | 2.3  | 0.9  | 1.2  | 0.5  | 4.3  |
| 0.0  | 0.0  | 0.3  | 0.0  | 0.1  | 0.0  | 0.0  |
| 8.3  | 10.0 | 11.0 | 11.0 | 13.0 | 10.7 | 8.4  |
| 2.1  | 2.8  | 2.3  | 3.2  | 2.1  | 1.9  | 1.0  |
| 6.9  | 6.4  | 11.2 | 9.9  | 11.3 | 14.1 | 12.4 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.3  | 0.1  | 0.0  | 0.3  | 0.0  |
| 0.9  | 0.5  | 0.8  | 1.2  | 1.0  | 1.2  | 0.3  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.2  | 1.2  | 0.9  | 2.4  | 0.7  | 1.4  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.4  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.6  | 0.0  |
| 2.6  | 4.9  | 5.7  | 3.6  | 3.1  | 3.8  | 9.1  |
| 0.3  | 0.8  | 0.0  | 1.0  | 0.9  | 0.4  | 0.0  |
| 0.8  | 2.6  | 7.1  | 5.1  | 3.3  | 3.0  | 2.5  |
| 0.7  | 0.9  | 1.3  | 0.7  | 1.5  | 1.6  | 0.8  |
| 0.2  | 0.3  | 0.4  | 0.4  | 0.4  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.5  | 0.1  | 0.5  | 0.5  | 0.5  | 1.1  | 0.3  |
| 3.5  | 4.1  | 1.9  | 2.1  | 3.7  | 5.6  | 2.7  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.3  | 0.0  | 0.0  |
| 0.5  | 0.2  | 0.0  | 0.5  | 0.2  | 0.4  | 0.0  |
| 0.1  | 0.2  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.4  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.3  | 0.0  |
| 2.5  | 8.2  | 20.0 | 9.4  | 6.9  | 14.4 | 2.1  |
| 5.4  | 4.6  | 6.3  | 5.6  | 7.8  | 7.8  | 2.7  |
| 1.3  | 1.6  | 1.4  | 1.6  | 3.4  | 3.9  | 0.0  |
| 0.5  | 1.2  | 2.8  | 1.2  | 0.8  | 0.0  | 7.6  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 14.9 | 13.4 | 10.4 | 9.0  | 21.2 | 17.6 | 0.0  |
| 0.1  | 0.2  | 0.3  | 0.4  | 0.1  | 0.3  | 0.0  |
| 2.0  | 5.2  | 7.5  | 4.2  | 7.0  | 3.4  | 2.2  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.2  | 0.0  | 0.0  | 0.6  | 0.0  | 0.0  | 0.0  |



|       |       |       |       |      |       |       |
|-------|-------|-------|-------|------|-------|-------|
| 9.7   | 9.2   | 3.5   | 4.2   | 9.9  | 11.5  | 0.3   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0   | 0.0   |
| 18.2  | 25.7  | 19.2  | 16.4  | 31.3 | 20.2  | 4.2   |
| 0.3   | 0.4   | 0.3   | 0.4   | 1.0  | 0.7   | 1.3   |
| 1.7   | 1.2   | 1.9   | 0.8   | 1.8  | 0.3   | 2.8   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0   | 0.0   |
| 0.1   | 0.0   | 0.2   | 0.1   | 0.0  | 0.0   | 0.0   |
| 34.4  | 41.3  | 36.0  | 34.0  | 46.2 | 46.3  | 12.7  |
| 1.1   | 1.1   | 1.5   | 2.7   | 1.4  | 1.7   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0  | 0.0   | 0.0   |
| 0.2   | 0.6   | 0.1   | 0.7   | 0.0  | 0.5   | 4.7   |
| 0.0   | 0.1   | 0.1   | 0.1   | 0.1  | 0.0   | 0.0   |
| 0.6   | 1.0   | 2.2   | 1.7   | 1.1  | 2.3   | 1.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.4   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0   | 0.0   |
| 3.3   | 3.8   | 2.1   | 2.0   | 2.7  | 3.3   | 1.7   |
| 115.5 | 129.6 | 100.1 | 111.9 | 83.0 | 108.3 | 170.5 |
| 7.8   | 6.1   | 5.1   | 12.0  | 10.7 | 10.9  | 17.4  |
| 3.4   | 5.3   | 2.7   | 3.3   | 5.5  | 6.0   | 0.0   |
| 2.3   | 1.2   | 2.1   | 3.5   | 3.5  | 1.8   | 3.4   |
| 0.4   | 0.2   | 0.2   | 0.7   | 0.5  | 0.3   | 0.3   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0  | 0.1   | 0.0   |
| 0.2   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0  | 0.0   | 0.0   |
| 0.1   | 0.0   | 0.0   | 0.0   | 0.2  | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.0   | 0.3   | 0.1  | 0.0   | 0.0   |
| 0.1   | 0.0   | 0.0   | 0.0   | 0.4  | 0.0   | 0.0   |
| 0.1   | 0.0   | 0.3   | 0.3   | 0.0  | 0.2   | 0.0   |
| 0.3   | 0.7   | 0.0   | 0.1   | 0.2  | 1.4   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.2   | 0.0   | 0.0   | 0.0  | 0.0   | 0.0   |
| 0.1   | 0.1   | 0.6   | 0.5   | 0.1  | 0.6   | 0.0   |
| 0.1   | 0.0   | 0.2   | 0.6   | 0.0  | 0.3   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0  | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.2   | 0.0  | 0.2   | 0.0   |
| 8.9   | 12.4  | 3.5   | 3.8   | 4.6  | 11.3  | 0.7   |
| 0.6   | 0.8   | 0.3   | 0.7   | 0.5  | 1.1   | 1.5   |
| 1.4   | 2.3   | 2.8   | 2.6   | 2.5  | 3.8   | 2.6   |
| 0.0   | 0.1   | 0.1   | 0.0   | 0.0  | 0.0   | 0.0   |
| 7.9   | 4.2   | 4.8   | 6.7   | 9.6  | 7.2   | 2.3   |
| 0.4   | 0.3   | 0.5   | 0.1   | 0.5  | 0.5   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0   | 0.0   |

|      |      |       |       |      |       |      |
|------|------|-------|-------|------|-------|------|
| 0.2  | 0.0  | 0.3   | 0.2   | 0.0  | 0.1   | 0.0  |
| 1.9  | 1.8  | 1.0   | 1.2   | 2.2  | 2.1   | 2.1  |
| 0.8  | 1.6  | 1.1   | 1.8   | 1.1  | 1.2   | 0.0  |
| 0.0  | 0.0  | 0.0   | 0.0   | 0.0  | 0.0   | 0.0  |
| 2.0  | 2.8  | 0.7   | 0.3   | 3.0  | 4.7   | 3.3  |
| 0.0  | 0.0  | 0.0   | 0.0   | 0.0  | 0.0   | 0.0  |
| 0.4  | 0.1  | 0.6   | 0.5   | 0.3  | 0.5   | 0.0  |
| 0.0  | 0.0  | 0.1   | 0.1   | 0.1  | 0.3   | 0.0  |
| 0.1  | 0.0  | 0.0   | 0.0   | 0.0  | 0.0   | 0.0  |
| 24.1 | 22.2 | 18.9  | 20.8  | 31.2 | 31.3  | 16.5 |
| 1.0  | 2.1  | 5.1   | 3.8   | 1.2  | 6.1   | 0.3  |
| 0.2  | 0.0  | 0.5   | 0.7   | 1.0  | 0.2   | 0.0  |
| 0.0  | 0.0  | 0.3   | 0.3   | 0.0  | 0.2   | 0.2  |
| 0.7  | 0.8  | 1.5   | 2.4   | 1.4  | 0.9   | 1.2  |
| 0.1  | 0.3  | 0.0   | 0.1   | 0.2  | 0.3   | 0.0  |
| 0.1  | 0.2  | 0.4   | 0.5   | 0.0  | 0.0   | 0.0  |
| 0.1  | 0.0  | 0.4   | 0.3   | 0.0  | 0.0   | 0.0  |
| 0.0  | 0.0  | 0.1   | 0.3   | 0.0  | 0.0   | 0.0  |
| 0.0  | 0.3  | 0.4   | 0.1   | 0.0  | 0.2   | 0.0  |
| 0.5  | 0.0  | 0.2   | 0.7   | 0.4  | 0.7   | 0.0  |
| 0.3  | 0.3  | 0.4   | 0.3   | 0.6  | 0.5   | 0.3  |
| 0.0  | 0.0  | 0.0   | 0.1   | 0.0  | 0.0   | 0.0  |
| 0.0  | 0.0  | 0.0   | 0.0   | 0.0  | 0.0   | 0.0  |
| 32.0 | 57.8 | 101.2 | 113.0 | 56.3 | 114.9 | 16.0 |
| 0.0  | 0.0  | 0.0   | 0.0   | 0.0  | 0.0   | 0.0  |
| 1.5  | 1.8  | 2.0   | 2.5   | 2.9  | 2.6   | 3.8  |
| 0.0  | 0.1  | 0.4   | 0.2   | 0.1  | 0.2   | 0.0  |
| 0.1  | 0.2  | 0.6   | 0.1   | 0.8  | 0.2   | 0.0  |
| 2.6  | 2.0  | 3.9   | 2.8   | 3.2  | 2.6   | 2.3  |
| 0.0  | 0.0  | 0.1   | 0.1   | 0.0  | 0.1   | 0.0  |
| 0.0  | 0.0  | 0.0   | 0.0   | 0.0  | 0.0   | 0.0  |
| 0.2  | 0.1  | 0.5   | 0.6   | 0.4  | 0.3   | 0.0  |
| 25.4 | 17.1 | 16.6  | 18.1  | 21.6 | 19.4  | 13.3 |
| 0.3  | 0.3  | 0.5   | 1.4   | 0.2  | 0.0   | 0.0  |
| 0.0  | 0.3  | 0.0   | 0.2   | 0.4  | 0.9   | 0.0  |
| 0.2  | 0.0  | 0.3   | 0.0   | 0.1  | 0.2   | 0.0  |
| 0.4  | 0.9  | 0.9   | 0.7   | 0.6  | 0.6   | 1.6  |
| 0.7  | 1.7  | 2.6   | 3.3   | 1.3  | 2.1   | 0.3  |
| 0.0  | 0.0  | 0.1   | 0.5   | 0.2  | 0.0   | 0.0  |
| 0.0  | 0.0  | 0.0   | 0.0   | 0.0  | 0.0   | 0.0  |
| 0.0  | 0.0  | 0.0   | 0.0   | 0.0  | 0.0   | 0.0  |
| 0.0  | 0.0  | 0.1   | 0.1   | 0.0  | 0.0   | 0.0  |
| 0.2  | 0.2  | 0.5   | 0.1   | 0.1  | 0.5   | 0.0  |
| 0.1  | 0.6  | 0.4   | 0.1   | 0.0  | 0.0   | 0.0  |
| 0.9  | 1.0  | 1.1   | 1.5   | 0.5  | 1.3   | 0.0  |
| 0.9  | 0.7  | 1.0   | 1.5   | 0.9  | 1.4   | 0.5  |
| 0.0  | 0.0  | 0.3   | 0.0   | 0.0  | 0.0   | 0.0  |

|      |       |      |      |       |      |       |
|------|-------|------|------|-------|------|-------|
| 5.3  | 8.6   | 4.7  | 6.0  | 9.2   | 7.9  | 3.3   |
| 0.0  | 0.0   | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   |
| 1.2  | 1.0   | 1.5  | 1.7  | 2.3   | 1.5  | 0.8   |
| 0.1  | 0.0   | 0.3  | 0.2  | 0.1   | 0.2  | 0.0   |
| 17.1 | 14.1  | 16.7 | 17.1 | 15.5  | 11.4 | 8.0   |
| 0.0  | 0.0   | 0.2  | 0.1  | 0.1   | 0.0  | 0.0   |
| 1.1  | 1.7   | 4.4  | 2.6  | 2.2   | 2.3  | 3.2   |
| 77.3 | 47.3  | 60.3 | 68.3 | 91.6  | 99.3 | 86.6  |
| 4.1  | 6.0   | 8.1  | 7.7  | 6.7   | 7.7  | 8.1   |
| 3.4  | 3.8   | 2.6  | 4.1  | 2.8   | 3.6  | 2.8   |
| 10.1 | 5.0   | 5.9  | 10.3 | 7.8   | 6.3  | 31.6  |
| 0.1  | 0.2   | 0.0  | 0.1  | 0.0   | 0.6  | 0.0   |
| 0.1  | 0.0   | 0.2  | 0.0  | 0.0   | 0.6  | 0.0   |
| 0.6  | 1.8   | 3.5  | 2.2  | 1.9   | 3.0  | 0.1   |
| 0.2  | 0.3   | 0.5  | 0.2  | 0.3   | 0.5  | 0.0   |
| 12.2 | 11.2  | 15.5 | 18.7 | 12.5  | 18.4 | 9.5   |
| 0.1  | 0.1   | 0.0  | 0.0  | 0.4   | 0.0  | 0.0   |
| 0.2  | 0.3   | 0.0  | 0.2  | 0.0   | 0.0  | 0.0   |
| 0.0  | 0.0   | 0.0  | 0.2  | 0.0   | 0.0  | 0.0   |
| 0.2  | 0.2   | 0.4  | 0.3  | 0.1   | 0.4  | 0.0   |
| 1.1  | 3.2   | 8.2  | 7.1  | 3.1   | 6.5  | 0.0   |
| 3.0  | 1.7   | 2.6  | 2.6  | 2.6   | 2.6  | 1.4   |
| 2.4  | 2.8   | 4.3  | 3.6  | 2.9   | 1.9  | 0.0   |
| 9.6  | 12.8  | 5.7  | 5.5  | 12.7  | 9.1  | 7.0   |
| 1.3  | 1.6   | 3.7  | 3.7  | 1.8   | 3.9  | 1.4   |
| 0.2  | 0.1   | 0.0  | 0.6  | 0.0   | 0.0  | 0.0   |
| 1.7  | 4.2   | 4.2  | 4.2  | 3.9   | 4.8  | 4.9   |
| 0.5  | 0.7   | 1.2  | 1.9  | 0.8   | 1.3  | 0.0   |
| 0.0  | 0.0   | 0.0  | 0.2  | 0.0   | 0.0  | 0.0   |
| 80.8 | 122.5 | 96.8 | 92.0 | 101.3 | 63.6 | 213.7 |
| 2.7  | 2.2   | 2.2  | 4.4  | 2.1   | 4.4  | 8.4   |
| 1.9  | 2.5   | 3.7  | 4.6  | 2.3   | 3.0  | 2.0   |
| 0.8  | 1.5   | 1.7  | 2.1  | 0.9   | 1.7  | 1.9   |
| 0.0  | 0.0   | 0.2  | 0.2  | 0.1   | 0.2  | 0.0   |
| 1.5  | 1.9   | 2.1  | 1.8  | 3.0   | 3.4  | 0.0   |
| 0.0  | 0.3   | 0.2  | 0.0  | 0.0   | 0.0  | 0.0   |
| 1.3  | 2.9   | 5.4  | 4.7  | 2.6   | 4.2  | 1.3   |
| 1.9  | 2.0   | 1.9  | 2.3  | 2.5   | 2.3  | 2.7   |
| 2.0  | 4.0   | 3.4  | 4.0  | 3.9   | 7.7  | 1.4   |
| 0.3  | 0.6   | 0.1  | 0.2  | 0.7   | 0.7  | 0.0   |
| 0.1  | 0.0   | 1.1  | 0.0  | 0.0   | 0.2  | 0.0   |
| 0.6  | 0.4   | 1.6  | 1.7  | 0.7   | 1.3  | 0.0   |
| 3.4  | 5.4   | 7.1  | 4.4  | 3.4   | 3.3  | 3.2   |
| 0.7  | 1.2   | 3.9  | 2.1  | 2.1   | 2.1  | 0.4   |
| 0.2  | 0.9   | 1.6  | 1.8  | 0.4   | 1.5  | 0.8   |
| 0.1  | 0.1   | 0.2  | 0.1  | 0.0   | 0.2  | 0.0   |
| 1.2  | 3.8   | 6.7  | 5.4  | 2.5   | 4.6  | 1.8   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.5  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.0  | 0.0  | 0.1  | 0.3  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.4  | 0.5  | 0.5  | 0.4  | 0.8  | 0.1  | 0.0  |
| 0.6  | 0.4  | 1.6  | 1.3  | 1.0  | 1.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.2  | 0.1  | 0.0  |
| 3.6  | 2.7  | 8.5  | 7.2  | 4.5  | 10.2 | 2.3  |
| 1.2  | 1.0  | 2.9  | 0.6  | 2.3  | 1.5  | 0.4  |
| 0.5  | 0.1  | 1.3  | 0.3  | 0.4  | 0.2  | 0.0  |
| 34.9 | 33.8 | 54.6 | 63.2 | 58.9 | 58.5 | 56.5 |
| 0.8  | 2.0  | 2.2  | 3.1  | 1.8  | 1.2  | 0.5  |
| 0.5  | 0.7  | 0.5  | 1.2  | 0.5  | 0.6  | 3.4  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.3  | 1.0  | 0.9  | 0.4  | 1.3  | 0.7  | 0.0  |
| 0.2  | 0.1  | 0.2  | 0.4  | 0.4  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.3  | 0.0  | 0.1  | 0.0  |
| 1.6  | 2.5  | 1.1  | 2.3  | 1.4  | 3.1  | 4.4  |
| 0.8  | 0.9  | 0.9  | 0.9  | 0.9  | 1.0  | 0.9  |
| 0.8  | 1.5  | 2.1  | 1.6  | 1.7  | 1.7  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.3  | 0.0  | 0.8  | 0.0  |
| 0.1  | 0.0  | 0.2  | 0.2  | 0.0  | 0.2  | 0.0  |
| 0.1  | 0.0  | 0.2  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.2  | 0.1  | 0.4  | 0.2  | 0.2  | 0.1  | 0.0  |
| 2.1  | 2.5  | 3.0  | 5.1  | 3.0  | 3.6  | 4.0  |
| 2.4  | 2.9  | 1.6  | 2.7  | 1.1  | 2.9  | 0.9  |
| 0.1  | 0.2  | 0.2  | 0.2  | 0.0  | 0.1  | 0.0  |
| 4.3  | 2.5  | 4.1  | 6.1  | 6.6  | 5.9  | 1.4  |
| 0.5  | 0.5  | 0.2  | 0.7  | 0.9  | 0.0  | 2.0  |
| 0.7  | 1.4  | 3.2  | 3.1  | 1.5  | 3.1  | 1.8  |
| 0.0  | 0.0  | 0.3  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.0  | 0.2  | 0.0  |
| 1.0  | 0.5  | 0.0  | 0.9  | 1.1  | 0.4  | 0.0  |
| 0.1  | 0.9  | 0.4  | 0.5  | 0.3  | 0.5  | 1.9  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.1  |
| 19.2 | 24.1 | 14.6 | 22.2 | 39.5 | 25.2 | 31.1 |
| 0.2  | 0.5  | 0.5  | 1.5  | 4.1  | 0.9  | 0.6  |
| 6.3  | 7.1  | 7.1  | 7.9  | 10.0 | 8.7  | 14.6 |
| 0.5  | 0.7  | 0.7  | 1.4  | 1.2  | 0.7  | 0.0  |
| 1.7  | 2.2  | 6.6  | 3.0  | 3.1  | 4.5  | 3.2  |
| 0.3  | 0.5  | 1.1  | 0.9  | 0.5  | 0.9  | 0.4  |
| 0.1  | 0.4  | 0.2  | 1.1  | 1.1  | 1.8  | 0.0  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.7   | 2.2   | 2.1   | 2.1   | 1.0   | 2.4   | 0.0   |
| 0.3   | 0.5   | 0.7   | 0.7   | 0.3   | 0.3   | 0.5   |
| 1.6   | 1.5   | 2.0   | 1.5   | 1.5   | 0.6   | 1.4   |
| 1.2   | 0.8   | 0.6   | 0.3   | 0.9   | 1.0   | 0.0   |
| 18.4  | 7.4   | 18.7  | 8.5   | 16.8  | 11.9  | 31.9  |
| 0.2   | 0.0   | 0.2   | 0.0   | 0.3   | 0.0   | 0.0   |
| 1.0   | 0.8   | 2.9   | 1.2   | 1.4   | 0.4   | 0.0   |
| 0.2   | 0.5   | 0.5   | 0.4   | 0.1   | 0.2   | 0.0   |
| 0.0   | 0.0   | 0.5   | 0.3   | 0.2   | 0.2   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.2   | 0.3   | 0.4   | 0.1   | 0.1   | 0.2   |
| 1.1   | 0.0   | 2.2   | 0.3   | 0.8   | 0.0   | 0.0   |
| 0.9   | 1.0   | 1.8   | 0.9   | 2.0   | 1.1   | 0.0   |
| 1.0   | 1.2   | 2.5   | 2.6   | 2.2   | 2.0   | 2.1   |
| 0.2   | 0.1   | 0.2   | 0.7   | 0.7   | 0.5   | 0.2   |
| 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.3   | 1.5   | 1.6   | 0.5   | 1.7   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.9   | 2.3   | 1.2   | 1.9   | 2.9   | 3.2   | 3.0   |
| 589.1 | 674.5 | 827.3 | 770.6 | 788.7 | 848.9 | 73.2  |
| 1.4   | 2.0   | 1.4   | 2.4   | 2.4   | 2.3   | 0.5   |
| 1.1   | 2.2   | 1.3   | 0.7   | 1.2   | 0.8   | 0.0   |
| 2.0   | 2.3   | 1.1   | 1.3   | 2.0   | 1.6   | 0.9   |
| 0.1   | 0.0   | 0.0   | 0.5   | 0.9   | 0.7   | 0.0   |
| 0.9   | 1.4   | 1.6   | 1.2   | 0.4   | 1.8   | 1.0   |
| 0.4   | 0.4   | 1.3   | 0.4   | 0.1   | 0.3   | 0.4   |
| 8.0   | 6.6   | 8.9   | 8.3   | 10.8  | 10.7  | 4.3   |
| 23.0  | 39.0  | 69.5  | 78.1  | 50.2  | 87.5  | 15.7  |
| 0.2   | 0.1   | 0.4   | 0.2   | 0.7   | 0.2   | 0.0   |
| 2.6   | 1.5   | 2.9   | 2.6   | 3.9   | 2.2   | 3.4   |
| 16.8  | 17.2  | 16.4  | 17.3  | 19.1  | 20.0  | 17.2  |
| 0.1   | 0.1   | 0.3   | 0.5   | 0.1   | 0.1   | 2.0   |
| 0.0   | 0.2   | 0.2   | 0.0   | 0.2   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.3   | 0.4   | 0.4   | 0.4   | 0.7   | 0.0   |
| 5.7   | 6.5   | 7.7   | 6.6   | 10.2  | 4.3   | 6.9   |
| 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.1   | 0.0   |
| 1.5   | 1.8   | 4.3   | 3.8   | 3.1   | 3.2   | 1.8   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.6   |
| 0.0   | 0.1   | 0.1   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.0   | 0.1   | 0.3   | 0.1   | 0.0   | 0.0   |
| 69.0  | 71.6  | 87.7  | 108.9 | 65.0  | 88.2  | 124.8 |
| 0.1   | 0.0   | 0.4   | 0.1   | 0.0   | 0.6   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.3   | 0.2   | 0.0   | 0.0   | 0.0   |

|       |      |       |       |       |       |       |
|-------|------|-------|-------|-------|-------|-------|
| 0.1   | 0.0  | 0.2   | 0.2   | 0.2   | 0.1   | 0.0   |
| 0.0   | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0  | 0.3   | 0.2   | 0.1   | 0.0   | 0.0   |
| 0.0   | 0.0  | 0.2   | 0.2   | 0.0   | 0.6   | 0.0   |
| 0.3   | 0.3  | 0.4   | 0.5   | 0.2   | 0.2   | 0.3   |
| 0.0   | 0.1  | 0.3   | 0.0   | 0.0   | 0.6   | 0.0   |
| 0.0   | 0.1  | 0.4   | 0.1   | 0.3   | 0.4   | 0.0   |
| 0.0   | 0.1  | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.5   | 0.7  | 0.7   | 0.8   | 0.6   | 0.6   | 0.8   |
| 0.0   | 0.1  | 1.0   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.3   | 0.4  | 0.8   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.2  | 0.0   | 0.0   | 0.0   | 0.7   | 0.0   |
| 0.0   | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.2  | 0.3   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 5.1   | 4.3  | 12.0  | 7.0   | 9.1   | 7.9   | 3.7   |
| 2.8   | 5.9  | 7.6   | 4.4   | 6.8   | 5.4   | 6.0   |
| 0.0   | 0.3  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.8   | 0.7  | 0.6   | 1.2   | 1.3   | 1.1   | 1.1   |
| 0.0   | 0.1  | 0.1   | 0.1   | 0.0   | 0.3   | 0.2   |
| 1.3   | 2.2  | 1.2   | 2.8   | 1.3   | 2.4   | 5.5   |
| 2.2   | 3.6  | 1.0   | 2.0   | 4.2   | 2.8   | 0.0   |
| 105.2 | 87.6 | 110.3 | 133.5 | 118.8 | 107.6 | 188.3 |
| 0.0   | 0.0  | 0.2   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.6   | 1.6  | 1.1   | 2.2   | 0.6   | 1.1   | 0.0   |
| 0.0   | 0.2  | 0.7   | 1.2   | 0.0   | 0.0   | 0.0   |
| 4.2   | 5.7  | 14.7  | 15.1  | 9.2   | 14.9  | 1.4   |
| 0.3   | 0.4  | 0.2   | 0.3   | 0.2   | 0.0   | 1.2   |
| 3.0   | 2.8  | 2.6   | 2.0   | 3.0   | 5.2   | 1.6   |
| 0.2   | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0  | 0.0   | 0.0   | 0.0   | 0.5   | 0.0   |
| 0.0   | 0.0  | 0.1   | 0.1   | 0.0   | 0.2   | 0.0   |
| 0.0   | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.2  | 0.1   | 0.1   | 0.2   | 0.3   | 1.0   |
| 10.1  | 13.2 | 10.1  | 11.4  | 18.0  | 18.0  | 0.7   |
| 2.3   | 1.2  | 1.2   | 0.8   | 2.7   | 1.5   | 0.0   |
| 0.2   | 0.3  | 0.4   | 1.0   | 0.5   | 0.4   | 0.0   |
| 0.0   | 0.1  | 0.5   | 0.1   | 0.3   | 0.1   | 0.0   |
| 0.1   | 0.3  | 0.7   | 0.6   | 0.2   | 0.2   | 0.1   |
| 1.9   | 2.9  | 2.8   | 2.8   | 2.9   | 4.4   | 3.0   |
| 1.2   | 1.9  | 6.2   | 7.7   | 3.7   | 2.5   | 0.6   |
| 0.0   | 0.1  | 0.0   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.3   | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0  | 0.0   | 0.0   | 0.3   | 0.0   | 0.0   |
| 0.7   | 2.0  | 2.4   | 2.0   | 1.0   | 0.4   | 2.7   |
| 0.4   | 0.2  | 0.0   | 0.5   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.2  | 0.0   | 0.2   | 0.5   | 0.0   | 0.0   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 1.0  | 1.3  | 0.4  | 0.6  | 1.1  | 1.4  | 0.1  |
| 0.0  | 0.0  | 0.4  | 0.2  | 0.0  | 0.2  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.4  | 0.3  | 0.3  | 0.0  |
| 5.2  | 9.4  | 9.3  | 8.2  | 9.4  | 12.7 | 8.4  |
| 0.0  | 0.4  | 0.6  | 0.8  | 0.1  | 0.7  | 0.0  |
| 0.8  | 2.2  | 1.7  | 2.6  | 0.6  | 1.5  | 0.4  |
| 0.1  | 0.2  | 0.4  | 0.3  | 0.2  | 0.1  | 0.0  |
| 2.7  | 4.2  | 4.5  | 4.1  | 2.1  | 1.9  | 3.0  |
| 2.7  | 1.9  | 3.0  | 2.6  | 2.5  | 2.9  | 0.0  |
| 0.2  | 0.1  | 0.2  | 0.4  | 0.4  | 0.0  | 0.0  |
| 0.3  | 0.1  | 0.1  | 0.2  | 0.2  | 0.0  | 0.0  |
| 0.9  | 1.6  | 1.2  | 0.9  | 1.3  | 2.0  | 0.9  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.7  | 1.0  | 0.5  | 1.2  | 2.1  | 2.8  | 0.0  |
| 1.5  | 1.9  | 2.6  | 3.1  | 3.0  | 3.6  | 3.4  |
| 0.5  | 0.6  | 0.4  | 0.9  | 1.0  | 0.4  | 1.0  |
| 0.8  | 0.7  | 0.7  | 1.2  | 1.2  | 1.9  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.3  | 0.0  |
| 1.0  | 1.3  | 1.3  | 1.1  | 1.4  | 1.2  | 0.9  |
| 0.1  | 0.0  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.6  | 0.9  | 0.8  | 0.9  | 1.4  | 1.3  | 0.1  |
| 0.0  | 0.3  | 0.2  | 0.4  | 0.0  | 0.0  | 0.0  |
| 7.8  | 12.6 | 10.9 | 12.5 | 10.8 | 13.1 | 7.7  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.6  | 1.1  | 1.7  | 2.2  | 1.7  | 1.5  | 1.8  |
| 0.0  | 0.1  | 0.0  | 0.4  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.7  | 0.5  | 1.0  | 1.8  | 0.8  | 0.6  | 0.0  |
| 48.2 | 51.7 | 48.0 | 53.2 | 77.6 | 63.6 | 48.2 |
| 5.7  | 4.8  | 3.9  | 2.4  | 5.0  | 5.0  | 0.2  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.7  | 1.3  | 3.5  | 2.1  | 1.0  | 3.0  | 0.2  |
| 0.5  | 0.8  | 2.3  | 1.6  | 0.9  | 0.6  | 0.0  |
| 0.1  | 0.2  | 0.1  | 0.3  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.4  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2.0  | 1.3  | 0.4  | 0.6  | 3.4  | 0.8  | 0.2  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 9.0  | 13.3 | 4.7  | 7.1  | 12.9 | 7.1  | 0.9  |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.9  | 1.1  | 1.5  | 1.9  | 1.5  | 2.6  | 2.7  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

|      |       |      |      |      |       |      |
|------|-------|------|------|------|-------|------|
| 0.0  | 0.2   | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  |
| 0.0  | 0.0   | 0.1  | 0.0  | 0.0  | 0.1   | 0.0  |
| 0.0  | 0.1   | 1.0  | 1.1  | 0.3  | 0.3   | 0.0  |
| 4.4  | 5.2   | 1.4  | 1.2  | 3.5  | 4.8   | 0.8  |
| 0.0  | 0.1   | 0.2  | 0.1  | 0.0  | 0.6   | 0.0  |
| 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  |
| 0.6  | 1.2   | 0.3  | 0.7  | 0.9  | 1.6   | 0.0  |
| 0.1  | 0.0   | 0.0  | 0.1  | 0.3  | 0.2   | 0.0  |
| 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  |
| 0.0  | 0.0   | 0.1  | 0.1  | 0.0  | 0.0   | 0.0  |
| 0.6  | 1.5   | 1.2  | 0.9  | 1.3  | 2.1   | 0.2  |
| 0.0  | 0.0   | 0.2  | 0.1  | 0.0  | 0.1   | 0.0  |
| 0.7  | 1.0   | 3.6  | 3.3  | 2.2  | 1.5   | 1.7  |
| 0.7  | 0.0   | 2.1  | 1.3  | 0.9  | 1.3   | 2.3  |
| 0.1  | 0.0   | 0.1  | 0.2  | 0.1  | 0.0   | 0.0  |
| 0.0  | 0.3   | 0.5  | 0.6  | 0.1  | 0.0   | 0.0  |
| 0.3  | 0.8   | 4.9  | 1.9  | 0.7  | 0.9   | 0.0  |
| 2.8  | 3.6   | 2.7  | 2.4  | 6.6  | 5.2   | 0.8  |
| 4.4  | 8.4   | 7.9  | 9.6  | 4.5  | 5.9   | 4.2  |
| 0.2  | 0.3   | 0.2  | 0.6  | 0.8  | 0.5   | 0.0  |
| 1.2  | 1.7   | 1.7  | 2.5  | 1.5  | 2.8   | 0.0  |
| 3.5  | 3.3   | 4.5  | 4.0  | 5.9  | 2.4   | 4.5  |
| 0.3  | 0.4   | 0.7  | 0.8  | 0.3  | 0.9   | 0.1  |
| 0.0  | 0.1   | 0.2  | 0.1  | 0.0  | 0.0   | 0.0  |
| 0.8  | 1.2   | 2.3  | 2.2  | 1.7  | 2.0   | 0.1  |
| 0.9  | 1.3   | 1.9  | 2.4  | 1.6  | 2.2   | 0.0  |
| 0.9  | 0.4   | 0.8  | 1.0  | 1.2  | 0.4   | 2.1  |
| 0.0  | 0.4   | 0.0  | 0.0  | 0.4  | 0.0   | 0.0  |
| 0.3  | 1.2   | 1.4  | 1.2  | 0.8  | 0.6   | 0.0  |
| 0.1  | 0.1   | 0.6  | 0.1  | 0.1  | 0.3   | 1.3  |
| 84.6 | 127.6 | 86.8 | 76.0 | 87.0 | 104.6 | 61.5 |
| 0.1  | 0.3   | 0.4  | 0.3  | 0.0  | 0.0   | 0.0  |
| 1.4  | 1.5   | 4.3  | 3.2  | 2.2  | 2.3   | 4.0  |
| 0.1  | 0.1   | 0.0  | 0.3  | 0.1  | 0.1   | 0.0  |
| 22.1 | 20.4  | 20.0 | 18.3 | 24.8 | 23.9  | 14.2 |
| 0.0  | 0.1   | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  |
| 39.2 | 43.2  | 32.8 | 29.9 | 52.6 | 41.6  | 5.5  |
| 0.1  | 0.0   | 0.7  | 0.0  | 0.0  | 0.0   | 0.0  |
| 0.9  | 1.0   | 1.2  | 1.1  | 1.5  | 1.3   | 1.0  |
| 0.0  | 0.0   | 0.2  | 0.2  | 0.0  | 0.0   | 0.0  |
| 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  |
| 0.4  | 0.5   | 0.5  | 0.8  | 0.4  | 0.7   | 0.1  |
| 0.8  | 0.9   | 0.7  | 1.7  | 0.6  | 2.2   | 0.0  |
| 0.3  | 0.6   | 1.3  | 1.4  | 1.1  | 1.1   | 0.4  |
| 0.0  | 0.1   | 0.2  | 0.0  | 0.1  | 0.0   | 1.2  |
| 0.0  | 0.0   | 0.0  | 0.2  | 0.0  | 0.3   | 0.0  |
| 5.4  | 5.3   | 6.0  | 6.1  | 8.3  | 9.3   | 1.8  |



|       |        |       |       |       |       |       |
|-------|--------|-------|-------|-------|-------|-------|
| 0.0   | 0.1    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.3   | 0.3    | 0.5   | 1.0   | 1.0   | 0.6   | 0.0   |
| 0.9   | 0.2    | 1.0   | 0.2   | 0.8   | 0.9   | 0.0   |
| 741.8 | 1007.1 | 749.7 | 670.9 | 950.6 | 938.0 | 586.3 |
| 0.0   | 0.0    | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.3   | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.9   | 1.0    | 1.8   | 1.9   | 1.5   | 1.0   | 2.3   |
| 2.0   | 0.4    | 0.4   | 0.8   | 2.1   | 0.2   | 0.0   |
| 0.2   | 0.1    | 0.3   | 0.0   | 0.1   | 0.0   | 0.0   |
| 0.1   | 0.1    | 0.1   | 0.1   | 0.2   | 0.0   | 0.0   |
| 0.0   | 0.2    | 0.2   | 0.5   | 0.5   | 0.2   | 0.2   |
| 0.0   | 0.0    | 0.1   | 0.1   | 0.0   | 0.2   | 0.0   |
| 0.1   | 0.2    | 0.6   | 0.7   | 0.0   | 1.3   | 0.0   |
| 0.0   | 0.1    | 0.5   | 0.4   | 0.2   | 0.0   | 0.0   |
| 0.0   | 0.1    | 0.7   | 0.5   | 0.2   | 0.2   | 0.0   |
| 0.0   | 0.1    | 0.7   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.7   | 1.3    | 1.3   | 1.7   | 0.8   | 2.3   | 1.8   |
| 0.0   | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.0   | 0.7    | 1.5   | 1.0   | 2.0   | 0.8   | 0.0   |
| 0.0   | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.3   | 0.4    | 0.6   | 0.5   | 0.3   | 0.3   | 0.0   |
| 1.2   | 2.1    | 0.7   | 1.1   | 1.0   | 0.4   | 0.0   |
| 2.5   | 3.7    | 2.8   | 2.9   | 3.4   | 3.7   | 4.3   |
| 1.0   | 1.8    | 2.9   | 3.8   | 1.5   | 4.0   | 0.1   |
| 0.0   | 0.0    | 0.2   | 0.0   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.0    | 0.2   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.4   | 0.3    | 0.5   | 1.3   | 0.0   | 0.5   | 1.9   |
| 0.0   | 0.1    | 0.4   | 0.3   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.3    | 0.8   | 1.2   | 0.0   | 0.6   | 0.0   |
| 0.2   | 0.5    | 0.8   | 0.8   | 0.6   | 0.5   | 0.4   |
| 0.0   | 0.0    | 0.0   | 0.0   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.3    | 0.3   | 0.0   | 0.2   | 0.0   | 0.0   |
| 0.0   | 0.1    | 0.3   | 0.1   | 0.1   | 0.1   | 0.0   |
| 4.7   | 5.6    | 4.8   | 3.4   | 6.2   | 4.6   | 3.9   |
| 0.0   | 0.0    | 0.5   | 0.2   | 0.1   | 0.0   | 0.0   |
| 0.4   | 0.6    | 0.6   | 0.6   | 0.6   | 0.5   | 0.4   |
| 5.9   | 9.0    | 5.7   | 9.0   | 8.6   | 10.7  | 2.3   |
| 0.3   | 0.8    | 1.1   | 1.0   | 0.5   | 0.5   | 0.4   |
| 0.0   | 0.0    | 0.1   | 0.0   | 0.1   | 0.0   | 0.0   |
| 0.0   | 0.0    | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.3    | 0.4   | 0.4   | 0.7   | 0.4   | 0.0   |
| 0.0   | 0.0    | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.1    | 0.3   | 0.2   | 1.2   | 0.5   | 0.0   |
| 0.4   | 0.0    | 0.4   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.1    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.5  | 0.5  | 0.0  | 0.0  | 0.0  |
| 32.4 | 34.8 | 44.9 | 50.0 | 77.4 | 47.9 | 33.2 |
| 0.5  | 1.1  | 1.7  | 0.9  | 0.6  | 1.1  | 0.3  |
| 0.1  | 0.0  | 0.7  | 0.3  | 0.3  | 0.0  | 0.0  |
| 1.6  | 4.0  | 4.4  | 4.7  | 8.0  | 5.6  | 2.4  |
| 3.8  | 4.1  | 5.4  | 6.0  | 5.8  | 4.5  | 6.6  |
| 0.3  | 0.4  | 0.6  | 0.4  | 0.4  | 0.4  | 0.4  |
| 0.8  | 0.9  | 1.9  | 1.5  | 0.6  | 1.5  | 0.0  |
| 1.5  | 1.2  | 2.9  | 2.7  | 1.4  | 1.4  | 0.9  |
| 0.8  | 1.1  | 3.8  | 2.7  | 1.7  | 2.4  | 0.0  |
| 7.9  | 13.2 | 51.2 | 45.0 | 18.2 | 36.3 | 2.2  |
| 0.4  | 0.1  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 2.0  | 3.4  | 2.5  | 2.1  | 4.0  | 4.2  | 5.4  |
| 2.9  | 3.0  | 3.4  | 4.4  | 3.4  | 4.9  | 2.1  |
| 1.1  | 1.0  | 2.0  | 1.9  | 1.5  | 1.7  | 0.6  |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.1  | 0.3  | 0.4  |
| 0.6  | 0.6  | 2.8  | 2.3  | 0.5  | 1.3  | 0.3  |
| 0.9  | 1.3  | 3.1  | 3.5  | 1.6  | 2.7  | 0.8  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.6  | 2.4  | 1.7  | 1.7  | 2.2  | 3.0  | 0.0  |
| 0.1  | 0.5  | 0.4  | 0.9  | 0.6  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.6  | 0.8  | 1.2  | 1.0  | 0.9  | 2.1  | 0.4  |
| 0.2  | 0.1  | 1.0  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.6  | 0.4  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.1  | 0.5  | 0.1  | 0.0  | 0.6  | 0.1  |
| 0.0  | 0.2  | 0.2  | 0.3  | 0.0  | 0.3  | 0.0  |
| 0.2  | 0.1  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.6  | 0.7  | 0.7  | 0.0  | 0.0  |
| 0.2  | 0.2  | 1.3  | 1.3  | 0.0  | 1.5  | 0.0  |
| 0.1  | 0.2  | 0.6  | 1.5  | 0.2  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.9  | 0.3  | 0.5  | 1.2  | 0.0  |
| 0.2  | 0.3  | 1.2  | 0.7  | 1.0  | 0.9  | 0.0  |
| 0.0  | 0.6  | 1.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.2  | 0.9  | 0.8  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.4  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.1  | 1.9  | 0.7  | 0.4  | 1.1  | 0.0  |
| 0.3  | 0.8  | 0.9  | 1.5  | 1.3  | 1.1  | 1.0  |
| 0.8  | 0.6  | 2.2  | 2.2  | 1.7  | 2.2  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.8  | 0.0  | 0.2  | 0.0  |
| 1.8  | 1.8  | 1.4  | 1.8  | 1.5  | 2.1  | 0.8  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.7  | 0.0  |
| 0.6  | 0.5  | 1.5  | 0.9  | 0.9  | 1.2  | 0.7  |
| 0.1  | 0.0  | 0.6  | 0.3  | 0.0  | 0.0  | 0.0  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.0   | 0.7   | 0.5   | 0.1   | 0.1   | 0.0   |
| 0.0   | 0.0   | 1.1   | 1.2   | 0.8   | 0.3   | 0.0   |
| 0.0   | 0.2   | 0.5   | 0.7   | 0.0   | 0.0   | 0.0   |
| 0.3   | 0.4   | 0.0   | 0.2   | 0.7   | 0.0   | 0.0   |
| 1.3   | 1.5   | 3.4   | 2.7   | 1.9   | 2.8   | 1.3   |
| 2.9   | 16.7  | 5.3   | 7.8   | 5.8   | 4.0   | 3.3   |
| 69.6  | 29.1  | 37.9  | 37.2  | 46.3  | 97.1  | 43.4  |
| 4.5   | 3.6   | 3.5   | 6.3   | 8.1   | 8.2   | 7.9   |
| 1.2   | 1.0   | 2.0   | 0.9   | 0.5   | 2.6   | 5.7   |
| 7.6   | 9.6   | 2.8   | 4.3   | 4.8   | 14.4  | 4.2   |
| 1.5   | 1.4   | 1.6   | 3.2   | 2.4   | 1.3   | 1.0   |
| 22.5  | 27.1  | 20.5  | 21.5  | 30.1  | 30.6  | 9.9   |
| 3.5   | 3.5   | 4.5   | 3.9   | 5.2   | 4.4   | 2.1   |
| 0.1   | 0.0   | 0.3   | 0.1   | 0.0   | 0.2   | 0.0   |
| 0.0   | 0.0   | 1.2   | 0.6   | 0.0   | 0.4   | 0.0   |
| 86.3  | 91.1  | 46.3  | 52.6  | 83.8  | 104.3 | 40.4  |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.4   | 0.1   | 0.2   | 0.7   | 0.0   |
| 0.9   | 1.0   | 2.1   | 1.7   | 1.1   | 2.9   | 0.0   |
| 0.4   | 0.2   | 0.2   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.0   | 0.5   | 0.5   | 0.5   | 0.0   | 0.0   |
| 1.2   | 1.5   | 1.3   | 1.7   | 1.5   | 0.8   | 1.1   |
| 1.2   | 1.3   | 3.5   | 3.2   | 2.7   | 2.4   | 0.6   |
| 2.3   | 5.1   | 6.0   | 3.7   | 4.7   | 4.6   | 4.3   |
| 6.3   | 11.2  | 15.4  | 14.5  | 12.8  | 13.8  | 2.9   |
| 468.4 | 396.5 | 450.4 | 454.9 | 697.3 | 546.6 | 375.8 |
| 24.9  | 26.6  | 21.9  | 25.7  | 44.0  | 45.1  | 42.6  |
| 33.2  | 44.0  | 45.3  | 66.8  | 55.2  | 57.1  | 84.3  |
| 0.0   | 0.1   | 0.0   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.3   | 0.2   | 1.1   | 1.3   | 0.3   | 0.0   | 0.0   |
| 1.8   | 2.3   | 2.1   | 1.2   | 2.1   | 1.8   | 9.9   |
| 0.2   | 0.1   | 0.5   | 0.8   | 0.1   | 0.4   | 0.0   |
| 1.3   | 1.6   | 0.9   | 0.9   | 1.3   | 1.0   | 4.0   |
| 0.0   | 0.1   | 0.1   | 0.3   | 0.2   | 0.1   | 0.6   |
| 8.1   | 9.2   | 7.8   | 7.3   | 10.6  | 7.5   | 13.5  |
| 0.0   | 0.0   | 0.0   | 0.6   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 3.9   | 6.3   | 6.9   | 5.2   | 7.8   | 9.7   | 2.4   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.9   | 1.8   | 3.4   | 3.0   | 2.3   | 3.0   | 1.1   |
| 0.1   | 0.0   | 0.0   | 0.2   | 0.0   | 0.5   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 4.7   | 2.6   | 4.4   | 3.7   | 4.2   | 2.5   | 11.2  |
| 0.5   | 0.6   | 0.9   | 0.7   | 0.5   | 0.3   | 1.1   |
| 0.1   | 0.4   | 0.3   | 0.1   | 0.2   | 0.4   | 0.0   |
| 0.6   | 0.7   | 0.9   | 1.9   | 1.3   | 0.0   | 0.0   |
| 289.6 | 201.2 | 202.0 | 205.1 | 177.0 | 233.5 | 236.3 |
| 0.7   | 0.8   | 1.1   | 1.2   | 0.5   | 0.4   | 1.5   |
| 0.3   | 0.6   | 1.1   | 1.0   | 0.4   | 1.0   | 0.2   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.0   | 0.1   | 0.0   |
| 550.9 | 709.8 | 896.6 | 797.0 | 827.4 | 731.7 | 52.4  |
| 0.0   | 0.1   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.5   | 0.5   | 1.5   | 2.0   | 1.9   | 1.3   | 0.0   |
| 0.1   | 0.1   | 0.5   | 0.6   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.4   | 0.3   | 0.0   | 0.2   | 0.0   |
| 2.2   | 2.3   | 2.7   | 2.1   | 2.0   | 1.6   | 0.0   |
| 0.5   | 0.2   | 0.2   | 0.2   | 0.7   | 0.0   | 0.0   |
| 1.5   | 2.3   | 1.4   | 2.3   | 1.7   | 2.3   | 1.1   |
| 0.6   | 1.3   | 1.8   | 1.1   | 1.0   | 2.1   | 3.5   |
| 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.6   | 0.0   |
| 0.1   | 0.2   | 0.9   | 0.2   | 0.3   | 0.0   | 0.0   |
| 1.5   | 2.4   | 1.8   | 2.1   | 4.3   | 4.6   | 3.8   |
| 15.6  | 18.7  | 11.0  | 16.4  | 18.4  | 17.0  | 1.9   |
| 5.9   | 10.5  | 7.6   | 7.3   | 7.3   | 9.3   | 2.8   |
| 0.8   | 1.0   | 2.0   | 1.9   | 0.8   | 1.8   | 1.5   |
| 0.3   | 0.2   | 0.5   | 1.2   | 0.5   | 0.8   | 0.6   |
| 0.5   | 0.5   | 0.2   | 0.7   | 0.3   | 1.0   | 0.0   |
| 9.6   | 8.6   | 9.7   | 9.2   | 10.0  | 9.2   | 4.5   |
| 0.1   | 0.8   | 0.2   | 0.6   | 0.3   | 0.5   | 0.0   |
| 1.0   | 1.2   | 2.3   | 2.7   | 1.5   | 1.6   | 0.2   |
| 1.8   | 1.5   | 2.2   | 3.7   | 3.8   | 4.3   | 2.8   |
| 0.1   | 0.4   | 0.6   | 0.2   | 2.0   | 0.7   | 0.0   |
| 1.7   | 2.2   | 2.4   | 2.2   | 5.0   | 2.9   | 0.5   |
| 0.6   | 0.5   | 0.5   | 0.4   | 0.6   | 0.5   | 0.4   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.7   | 0.5   | 1.2   | 1.6   | 0.3   | 0.9   | 0.0   |
| 0.2   | 0.1   | 0.2   | 0.2   | 0.0   | 0.3   | 0.4   |
| 0.2   | 0.2   | 0.6   | 1.1   | 0.3   | 0.6   | 0.0   |
| 2.4   | 3.3   | 2.9   | 4.5   | 1.5   | 3.8   | 0.3   |
| 0.1   | 0.0   | 0.0   | 0.0   | 1.0   | 0.0   | 0.0   |
| 0.4   | 0.3   | 0.8   | 0.3   | 0.0   | 0.2   | 0.0   |
| 1.3   | 1.5   | 1.3   | 1.7   | 1.2   | 2.9   | 3.2   |
| 0.2   | 0.1   | 0.3   | 0.1   | 0.5   | 0.3   | 1.1   |
| 0.8   | 1.9   | 1.9   | 2.6   | 1.5   | 2.0   | 0.0   |
| 1.0   | 0.9   | 1.5   | 1.9   | 1.1   | 0.7   | 2.0   |

|     |     |     |     |      |     |     |
|-----|-----|-----|-----|------|-----|-----|
| 0.2 | 0.1 | 0.4 | 0.2 | 0.2  | 0.2 | 0.7 |
| 3.9 | 3.2 | 4.0 | 6.0 | 5.4  | 5.9 | 4.3 |
| 1.1 | 2.0 | 2.7 | 1.8 | 2.7  | 2.5 | 0.0 |
| 0.7 | 0.5 | 1.7 | 1.1 | 1.7  | 0.3 | 4.3 |
| 0.7 | 0.5 | 0.5 | 0.6 | 0.9  | 0.7 | 0.0 |
| 0.0 | 0.4 | 1.1 | 0.7 | 0.4  | 1.0 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.4 | 0.4  | 0.3 | 0.0 |
| 0.0 | 0.0 | 0.5 | 0.0 | 0.0  | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.7 | 0.0 | 0.3  | 0.0 | 0.0 |
| 0.4 | 0.3 | 0.5 | 0.5 | 0.3  | 0.3 | 0.4 |
| 0.0 | 0.0 | 0.1 | 0.0 | 0.0  | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.3 | 0.0  | 0.4 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.1 | 0.1  | 0.0 | 0.0 |
| 1.0 | 0.2 | 2.4 | 1.3 | 2.2  | 1.5 | 0.0 |
| 6.6 | 5.6 | 4.8 | 6.1 | 10.8 | 7.6 | 4.7 |
| 0.1 | 0.5 | 0.3 | 0.5 | 0.5  | 0.7 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.1 | 0.0  | 0.1 | 0.0 |
| 0.1 | 0.9 | 0.9 | 1.7 | 0.0  | 0.9 | 0.0 |
| 0.0 | 0.3 | 0.4 | 0.5 | 0.0  | 0.2 | 0.0 |
| 0.1 | 0.5 | 1.1 | 0.8 | 0.6  | 1.4 | 0.0 |
| 0.4 | 1.0 | 1.2 | 1.2 | 0.2  | 0.5 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.2  | 0.0 | 0.0 |
| 2.7 | 3.4 | 2.5 | 5.6 | 4.8  | 3.9 | 3.0 |
| 0.0 | 0.0 | 0.1 | 0.1 | 0.0  | 0.1 | 0.0 |
| 0.5 | 0.9 | 1.7 | 1.8 | 0.8  | 1.7 | 0.6 |
| 0.0 | 0.1 | 0.0 | 0.0 | 0.3  | 0.3 | 0.0 |
| 0.1 | 0.0 | 0.3 | 0.2 | 0.2  | 0.1 | 0.0 |
| 1.2 | 1.2 | 0.9 | 0.9 | 1.0  | 0.8 | 0.7 |
| 0.5 | 1.1 | 1.8 | 2.4 | 1.8  | 1.8 | 0.0 |
| 0.0 | 0.3 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
| 0.2 | 0.0 | 0.1 | 0.1 | 0.0  | 0.2 | 0.0 |
| 0.0 | 0.0 | 0.2 | 0.3 | 0.0  | 0.2 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.1 | 0.0  | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.2 | 0.0 | 0.0  | 0.0 | 0.0 |
| 0.0 | 0.1 | 0.5 | 0.1 | 0.2  | 0.1 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.1 | 0.0  | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
| 0.6 | 0.9 | 0.9 | 1.1 | 1.8  | 1.3 | 0.1 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
| 2.0 | 1.4 | 0.3 | 0.6 | 2.3  | 2.0 | 0.0 |
| 1.3 | 3.4 | 1.9 | 2.1 | 3.7  | 3.3 | 3.2 |
| 0.0 | 0.0 | 0.2 | 0.0 | 0.0  | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.2 | 0.0  | 0.1 | 0.0 |
| 0.9 | 0.8 | 0.9 | 0.9 | 1.4  | 1.2 | 0.2 |
| 0.0 | 0.0 | 0.0 | 0.3 | 0.0  | 0.0 | 0.0 |
| 0.1 | 0.1 | 0.4 | 0.7 | 0.4  | 0.5 | 0.0 |

|      |       |      |      |       |       |      |
|------|-------|------|------|-------|-------|------|
| 0.0  | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   | 0.0  |
| 0.1  | 0.1   | 0.2  | 0.0  | 0.2   | 0.1   | 0.0  |
| 3.3  | 3.5   | 1.1  | 1.6  | 2.1   | 5.4   | 2.2  |
| 0.9  | 1.1   | 0.6  | 0.5  | 2.3   | 1.1   | 1.9  |
| 3.3  | 9.1   | 7.4  | 8.4  | 5.3   | 8.1   | 0.7  |
| 1.7  | 0.8   | 0.5  | 2.1  | 2.8   | 2.3   | 2.9  |
| 0.0  | 0.0   | 0.2  | 0.2  | 0.1   | 0.1   | 0.0  |
| 0.0  | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   | 0.0  |
| 6.9  | 6.2   | 4.5  | 5.2  | 10.6  | 10.8  | 1.1  |
| 2.7  | 3.4   | 11.9 | 11.4 | 5.2   | 6.2   | 1.6  |
| 2.6  | 5.2   | 12.8 | 11.1 | 6.3   | 9.4   | 3.0  |
| 1.4  | 2.0   | 1.1  | 1.9  | 0.9   | 2.4   | 0.4  |
| 1.3  | 1.0   | 1.7  | 3.1  | 1.8   | 2.1   | 1.6  |
| 0.7  | 0.4   | 1.5  | 1.9  | 0.9   | 1.2   | 1.0  |
| 0.1  | 0.0   | 1.5  | 0.9  | 1.4   | 0.5   | 0.0  |
| 0.0  | 0.2   | 0.2  | 0.4  | 0.2   | 0.0   | 0.1  |
| 3.3  | 2.9   | 4.5  | 4.2  | 6.8   | 4.3   | 11.2 |
| 1.3  | 1.1   | 2.0  | 1.8  | 1.9   | 1.7   | 1.8  |
| 3.4  | 5.1   | 4.9  | 4.7  | 4.2   | 5.3   | 1.2  |
| 0.0  | 0.1   | 0.3  | 0.0  | 0.0   | 0.3   | 0.0  |
| 0.5  | 1.3   | 2.5  | 2.1  | 1.0   | 1.5   | 0.8  |
| 0.4  | 0.5   | 1.6  | 2.0  | 1.2   | 0.9   | 0.0  |
| 0.5  | 1.6   | 2.2  | 2.1  | 1.0   | 2.0   | 0.0  |
| 0.8  | 1.1   | 3.5  | 2.7  | 2.0   | 2.4   | 0.0  |
| 8.0  | 6.5   | 12.1 | 12.1 | 10.7  | 10.9  | 13.5 |
| 0.7  | 0.5   | 5.0  | 1.0  | 1.1   | 0.5   | 0.0  |
| 1.4  | 1.3   | 7.5  | 6.7  | 2.7   | 5.2   | 0.0  |
| 1.2  | 1.8   | 5.3  | 5.0  | 3.3   | 1.6   | 0.0  |
| 1.2  | 1.1   | 5.3  | 3.2  | 2.1   | 2.6   | 0.9  |
| 1.7  | 1.1   | 3.1  | 2.8  | 2.5   | 1.6   | 0.5  |
| 1.7  | 1.3   | 6.2  | 2.2  | 1.2   | 1.6   | 1.4  |
| 2.3  | 1.7   | 2.9  | 4.1  | 1.0   | 1.0   | 0.0  |
| 0.8  | 1.4   | 2.0  | 2.4  | 3.3   | 2.0   | 0.0  |
| 0.9  | 0.9   | 2.9  | 1.0  | 2.0   | 2.5   | 0.0  |
| 0.8  | 1.4   | 4.3  | 2.7  | 0.0   | 1.0   | 0.0  |
| 2.5  | 1.4   | 4.0  | 7.4  | 3.3   | 6.1   | 0.0  |
| 0.9  | 1.1   | 4.6  | 4.4  | 2.6   | 2.0   | 0.0  |
| 0.6  | 0.6   | 4.6  | 2.0  | 2.9   | 4.1   | 2.1  |
| 87.2 | 106.7 | 87.5 | 86.5 | 112.6 | 105.0 | 44.1 |
| 0.0  | 0.0   | 0.2  | 0.7  | 0.0   | 2.4   | 0.0  |
| 0.2  | 0.1   | 0.0  | 0.0  | 0.2   | 0.0   | 1.9  |
| 0.1  | 0.0   | 0.1  | 0.2  | 0.0   | 0.5   | 0.0  |
| 1.4  | 4.3   | 7.9  | 2.6  | 1.8   | 3.9   | 0.4  |
| 21.6 | 18.1  | 16.8 | 19.7 | 26.9  | 22.4  | 19.6 |
| 0.0  | 0.0   | 0.0  | 0.0  | 0.0   | 0.0   | 0.0  |
| 35.1 | 32.8  | 29.0 | 31.0 | 45.6  | 38.7  | 9.7  |
| 0.0  | 0.0   | 0.7  | 0.0  | 0.0   | 0.0   | 0.0  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 154.3 | 132.2 | 128.0 | 153.8 | 140.5 | 119.8 | 132.4 |
| 0.2   | 0.2   | 0.3   | 0.4   | 0.3   | 0.6   | 0.0   |
| 0.1   | 0.0   | 0.1   | 0.0   | 0.0   | 0.1   | 0.0   |
| 0.2   | 0.6   | 1.3   | 0.8   | 0.8   | 1.1   | 0.0   |
| 0.7   | 0.5   | 0.7   | 0.5   | 1.4   | 1.2   | 1.8   |
| 4.2   | 5.3   | 3.3   | 3.7   | 5.3   | 5.2   | 3.7   |
| 0.0   | 0.1   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   |
| 9.2   | 5.6   | 7.4   | 5.6   | 12.4  | 9.8   | 8.3   |
| 0.9   | 2.1   | 4.8   | 3.5   | 2.4   | 1.7   | 1.0   |
| 25.1  | 18.9  | 11.6  | 9.9   | 21.3  | 32.4  | 12.0  |
| 0.6   | 0.7   | 1.4   | 1.3   | 2.7   | 1.2   | 0.7   |
| 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.1   | 0.5   | 1.1   | 1.4   | 1.0   | 1.4   | 0.0   |
| 1.1   | 1.1   | 2.3   | 1.5   | 1.7   | 1.6   | 0.0   |
| 0.1   | 0.2   | 0.4   | 0.3   | 0.1   | 0.3   | 0.7   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.1   | 0.0   | 0.0   |
| 0.3   | 0.3   | 0.8   | 0.7   | 0.5   | 0.9   | 0.8   |
| 0.3   | 0.3   | 1.0   | 1.6   | 0.3   | 1.8   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.2   | 0.2   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.3   | 0.7   | 0.2   | 0.8   | 0.8   | 1.2   | 0.0   |
| 187.0 | 173.5 | 228.4 | 229.9 | 335.5 | 225.2 | 300.9 |
| 0.0   | 0.0   | 0.3   | 0.2   | 0.3   | 0.1   | 0.0   |
| 0.8   | 0.7   | 0.9   | 0.9   | 0.0   | 1.0   | 1.1   |
| 0.2   | 0.4   | 1.4   | 1.0   | 0.3   | 1.0   | 0.0   |
| 0.4   | 0.7   | 1.6   | 2.3   | 0.6   | 3.4   | 0.0   |
| 0.3   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   | 1.1   |
| 2.2   | 3.3   | 3.5   | 3.9   | 5.4   | 3.4   | 4.7   |
| 0.7   | 0.4   | 0.6   | 0.3   | 1.8   | 1.0   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.2   | 0.3   | 0.0   | 0.0   |
| 0.0   | 0.3   | 0.3   | 0.8   | 0.4   | 0.3   | 0.0   |
| 0.2   | 0.2   | 0.9   | 1.2   | 0.0   | 0.7   | 0.0   |
| 0.1   | 0.0   | 0.0   | 1.2   | 0.4   | 0.0   | 0.0   |
| 4.0   | 3.5   | 3.1   | 3.7   | 5.0   | 6.5   | 2.7   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 5.5   | 6.2   | 7.3   | 9.3   | 9.8   | 5.8   | 10.1  |
| 0.3   | 0.3   | 1.0   | 0.3   | 1.0   | 0.5   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.2   | 0.1   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 2.6   | 3.6   | 16.2  | 11.3  | 4.5   | 10.8  | 0.0   |
| 0.1   | 0.1   | 0.3   | 0.3   | 0.3   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.5   | 0.4   | 0.5   | 0.0   | 0.0   |
| 2.2   | 2.4   | 1.0   | 0.6   | 2.6   | 2.3   | 0.0   |
| 2.2   | 1.8   | 1.6   | 1.1   | 1.9   | 2.2   | 0.0   |
| 1.6   | 2.3   | 2.4   | 1.8   | 3.2   | 1.9   | 5.4   |
| 1.9   | 2.0   | 2.8   | 3.4   | 2.9   | 3.1   | 2.9   |
| 0.7   | 1.4   | 3.3   | 2.9   | 1.3   | 3.3   | 1.4   |

|      |      |      |      |      |      |       |
|------|------|------|------|------|------|-------|
| 2.2  | 2.3  | 4.9  | 7.0  | 4.6  | 4.3  | 3.5   |
| 0.8  | 1.4  | 2.7  | 3.2  | 1.5  | 1.8  | 0.4   |
| 2.5  | 3.3  | 3.2  | 3.0  | 3.5  | 4.7  | 4.7   |
| 0.0  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0   |
| 0.4  | 0.1  | 0.2  | 0.5  | 0.1  | 0.0  | 0.0   |
| 0.2  | 0.0  | 0.3  | 0.2  | 0.5  | 0.5  | 0.0   |
| 0.0  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   |
| 0.9  | 0.2  | 2.7  | 1.3  | 0.5  | 2.0  | 0.5   |
| 1.1  | 2.0  | 0.1  | 1.5  | 1.3  | 1.7  | 0.0   |
| 0.0  | 0.3  | 0.7  | 0.0  | 0.0  | 0.0  | 0.0   |
| 1.2  | 1.6  | 1.9  | 1.2  | 1.3  | 0.7  | 0.3   |
| 0.0  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0   |
| 0.2  | 0.5  | 0.5  | 0.9  | 0.2  | 0.0  | 0.0   |
| 0.2  | 0.3  | 0.6  | 0.6  | 0.2  | 1.0  | 0.7   |
| 0.5  | 0.5  | 0.4  | 0.5  | 0.6  | 1.2  | 1.1   |
| 1.2  | 1.5  | 3.5  | 3.0  | 2.4  | 1.8  | 0.8   |
| 0.4  | 0.6  | 0.6  | 0.5  | 0.7  | 0.9  | 0.6   |
| 0.7  | 1.0  | 2.2  | 2.0  | 0.4  | 1.3  | 0.4   |
| 0.5  | 1.5  | 3.2  | 2.6  | 1.1  | 2.4  | 0.4   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   |
| 70.2 | 56.8 | 44.8 | 71.0 | 71.4 | 61.3 | 164.4 |
| 0.1  | 0.1  | 0.2  | 0.2  | 0.1  | 0.1  | 0.0   |
| 0.1  | 0.2  | 0.2  | 0.1  | 0.2  | 0.4  | 0.0   |
| 0.9  | 1.6  | 3.2  | 3.2  | 1.3  | 3.2  | 1.1   |
| 0.3  | 0.4  | 1.4  | 1.5  | 0.7  | 1.5  | 0.6   |
| 0.6  | 0.4  | 0.8  | 0.3  | 0.8  | 0.6  | 0.0   |
| 1.5  | 0.5  | 0.3  | 1.2  | 2.6  | 3.1  | 0.0   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0   |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0   |
| 3.7  | 10.6 | 38.9 | 32.5 | 9.6  | 19.3 | 0.0   |
| 0.0  | 0.2  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0   |
| 0.0  | 0.1  | 0.4  | 0.7  | 0.5  | 0.5  | 0.0   |
| 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.2  | 0.0   |
| 0.0  | 0.0  | 0.6  | 0.1  | 0.0  | 0.2  | 0.0   |
| 0.2  | 0.2  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0   |
| 0.7  | 0.4  | 0.9  | 1.1  | 0.3  | 0.6  | 0.0   |
| 17.2 | 23.3 | 24.6 | 21.4 | 25.7 | 28.8 | 27.3  |
| 3.6  | 3.9  | 3.7  | 4.0  | 4.9  | 4.5  | 3.3   |
| 11.7 | 9.3  | 10.5 | 14.3 | 12.9 | 14.0 | 2.5   |
| 0.6  | 1.1  | 1.5  | 1.3  | 0.2  | 1.2  | 0.0   |
| 0.2  | 0.7  | 0.3  | 0.1  | 0.9  | 0.1  | 0.0   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   |
| 9.9  | 20.9 | 38.8 | 49.6 | 17.1 | 31.0 | 7.1   |
| 9.8  | 13.9 | 8.2  | 9.6  | 8.4  | 11.6 | 3.4   |
| 0.0  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   |



|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.8   | 1.5   | 1.7   | 1.1   | 1.2   | 0.5   | 0.0   |
| 0.0   | 0.0   | 0.3   | 0.2   | 0.0   | 0.3   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.9   | 0.9   | 1.1   | 1.5   | 0.8   | 1.4   | 2.9   |
| 0.2   | 0.0   | 0.7   | 1.3   | 0.2   | 0.8   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.1   | 0.1   | 0.0   |
| 1.0   | 2.9   | 4.1   | 6.5   | 1.6   | 5.8   | 0.0   |
| 49.2  | 79.4  | 71.6  | 60.0  | 87.2  | 89.3  | 4.6   |
| 33.0  | 72.1  | 55.0  | 51.4  | 61.5  | 66.1  | 27.2  |
| 0.3   | 0.5   | 0.7   | 0.9   | 0.9   | 1.0   | 0.6   |
| 0.3   | 1.5   | 0.2   | 0.5   | 0.9   | 1.5   | 0.0   |
| 0.1   | 0.2   | 0.2   | 0.2   | 0.1   | 0.4   | 0.0   |
| 0.2   | 0.3   | 0.3   | 0.3   | 0.2   | 0.5   | 1.8   |
| 1.1   | 0.4   | 0.4   | 0.0   | 0.0   | 0.4   | 0.0   |
| 0.1   | 0.2   | 0.2   | 0.1   | 0.1   | 0.3   | 0.0   |
| 0.1   | 0.0   | 0.3   | 0.1   | 0.6   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.3   | 0.0   | 0.0   | 0.0   |
| 1.4   | 2.7   | 2.2   | 1.0   | 3.7   | 4.8   | 0.0   |
| 1.1   | 1.3   | 1.8   | 1.8   | 1.3   | 1.8   | 1.0   |
| 1.2   | 0.4   | 2.6   | 2.6   | 1.8   | 1.0   | 1.8   |
| 0.0   | 0.0   | 0.7   | 0.3   | 0.0   | 0.0   | 0.0   |
| 11.2  | 13.2  | 7.9   | 7.4   | 13.3  | 10.6  | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.0   | 1.1   | 0.8   | 1.6   | 2.8   | 2.6   | 0.0   |
| 1.4   | 2.8   | 3.5   | 3.5   | 3.5   | 4.2   | 3.5   |
| 178.7 | 94.5  | 156.0 | 158.8 | 114.8 | 115.7 | 207.8 |
| 1.1   | 0.8   | 1.0   | 1.6   | 1.4   | 1.6   | 0.7   |
| 0.1   | 0.2   | 0.5   | 0.1   | 0.2   | 0.0   | 0.0   |
| 0.6   | 0.8   | 1.6   | 1.6   | 0.8   | 2.3   | 0.5   |
| 20.2  | 21.3  | 24.5  | 27.1  | 40.0  | 21.8  | 1.5   |
| 0.0   | 0.1   | 0.0   | 0.0   | 0.2   | 0.2   | 0.0   |
| 0.6   | 0.4   | 0.5   | 0.7   | 0.6   | 0.7   | 0.1   |
| 0.1   | 0.1   | 0.1   | 0.1   | 0.2   | 0.1   | 0.0   |
| 80.6  | 101.9 | 77.5  | 87.3  | 91.7  | 79.9  | 73.1  |
| 124.9 | 147.8 | 217.7 | 103.2 | 126.2 | 120.1 | 143.4 |
| 0.1   | 0.3   | 0.2   | 0.2   | 0.4   | 0.3   | 0.0   |
| 0.3   | 0.4   | 0.4   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.0   |
| 7.6   | 11.4  | 5.0   | 3.4   | 9.4   | 11.5  | 0.3   |
| 0.3   | 0.1   | 0.2   | 0.2   | 0.3   | 0.7   | 1.2   |
| 0.1   | 0.2   | 0.3   | 0.5   | 0.2   | 0.3   | 0.4   |
| 5.0   | 5.0   | 2.9   | 2.6   | 7.6   | 3.9   | 1.0   |
| 71.1  | 87.8  | 53.8  | 68.5  | 55.2  | 66.4  | 142.2 |
| 0.1   | 0.0   | 0.5   | 0.0   | 0.1   | 0.0   | 0.0   |
| 0.4   | 0.3   | 0.2   | 0.5   | 0.6   | 0.4   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.2   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.4   | 0.0   | 0.0   | 0.0   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.1  | 0.1  | 0.1  | 0.3  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.4  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.6  | 1.0  | 0.4  | 0.5  | 0.2  | 0.0  |
| 0.3  | 0.4  | 0.7  | 0.2  | 0.3  | 0.7  | 0.0  |
| 1.8  | 2.8  | 1.5  | 1.4  | 1.0  | 3.9  | 0.0  |
| 9.3  | 9.6  | 7.5  | 6.1  | 9.4  | 9.4  | 4.8  |
| 0.2  | 1.0  | 1.3  | 0.6  | 1.7  | 0.4  | 0.0  |
| 6.1  | 6.3  | 5.0  | 5.6  | 7.8  | 6.5  | 5.0  |
| 0.0  | 0.0  | 0.1  | 0.3  | 0.1  | 0.4  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.8  | 0.0  | 1.5  | 1.5  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.2  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 3.0  | 4.7  | 8.7  | 7.0  | 4.9  | 6.5  | 2.4  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.2  | 2.1  | 1.6  | 1.1  | 1.0  | 2.2  | 0.0  |
| 0.0  | 0.0  | 0.4  | 0.2  | 0.1  | 0.1  | 0.0  |
| 1.5  | 1.6  | 1.6  | 1.5  | 3.1  | 2.5  | 3.8  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.4  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.8  | 1.4  | 2.2  | 2.2  | 1.6  | 2.0  | 0.3  |
| 0.1  | 0.2  | 0.5  | 0.3  | 0.4  | 0.1  | 0.1  |
| 0.0  | 0.2  | 0.3  | 0.3  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 30.1 | 22.8 | 18.3 | 17.4 | 22.7 | 18.0 | 9.5  |
| 0.2  | 0.2  | 0.0  | 0.2  | 0.0  | 0.1  | 1.3  |
| 0.0  | 0.0  | 0.0  | 0.4  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.3  | 0.1  | 0.3  | 0.0  | 0.0  |
| 1.3  | 2.1  | 1.5  | 2.0  | 2.4  | 3.1  | 4.4  |
| 0.3  | 0.4  | 1.6  | 0.7  | 0.5  | 1.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3.0  | 4.5  | 5.2  | 4.6  | 2.5  | 5.0  | 3.4  |
| 0.0  | 0.0  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.0  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.3  | 0.1  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 9.7  | 6.0  | 9.6  | 12.2 | 13.9 | 9.8  | 24.0 |
| 0.4  | 0.3  | 1.0  | 0.6  | 0.6  | 0.5  | 0.2  |
| 0.0  | 0.0  | 0.5  | 0.2  | 0.2  | 0.3  | 0.0  |
| 0.6  | 0.9  | 1.7  | 1.6  | 0.8  | 1.6  | 0.4  |

|      |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|
| 0.6  | 1.8   | 2.6   | 3.6   | 1.1   | 3.8   | 1.1   |
| 4.0  | 3.3   | 4.6   | 5.7   | 5.3   | 5.7   | 6.0   |
| 38.4 | 35.8  | 55.0  | 58.4  | 58.2  | 59.4  | 65.8  |
| 7.9  | 6.8   | 9.3   | 9.6   | 10.2  | 9.5   | 10.5  |
| 0.4  | 0.4   | 1.0   | 1.0   | 0.7   | 0.7   | 0.9   |
| 3.1  | 2.0   | 4.6   | 4.1   | 4.0   | 5.7   | 7.2   |
| 0.0  | 0.3   | 0.8   | 0.6   | 0.4   | 0.0   | 0.0   |
| 0.1  | 0.4   | 0.5   | 0.2   | 0.2   | 0.0   | 0.0   |
| 0.9  | 1.3   | 1.6   | 1.1   | 1.4   | 1.2   | 1.3   |
| 0.0  | 0.0   | 0.3   | 0.1   | 0.1   | 0.0   | 0.0   |
| 0.2  | 0.3   | 0.6   | 0.9   | 0.3   | 0.4   | 0.0   |
| 1.2  | 1.3   | 1.9   | 1.7   | 1.2   | 1.3   | 4.4   |
| 0.0  | 0.1   | 0.6   | 0.3   | 0.2   | 0.5   | 0.0   |
| 0.8  | 1.5   | 5.5   | 2.1   | 0.7   | 0.0   | 0.0   |
| 2.0  | 1.2   | 1.5   | 1.8   | 1.9   | 1.7   | 1.9   |
| 0.3  | 0.6   | 0.9   | 1.1   | 1.8   | 0.9   | 0.3   |
| 0.0  | 0.0   | 0.5   | 1.4   | 0.0   | 0.0   | 0.0   |
| 0.0  | 0.6   | 0.0   | 1.0   | 0.7   | 0.0   | 0.0   |
| 0.1  | 0.1   | 0.9   | 0.8   | 0.3   | 0.1   | 0.0   |
| 0.3  | 0.7   | 2.1   | 0.5   | 0.1   | 1.9   | 0.0   |
| 1.4  | 4.5   | 9.2   | 7.1   | 2.2   | 7.8   | 2.0   |
| 3.6  | 2.6   | 3.1   | 3.6   | 1.9   | 4.4   | 5.5   |
| 8.4  | 14.7  | 6.0   | 5.7   | 10.4  | 8.7   | 10.9  |
| 0.4  | 0.5   | 1.1   | 0.8   | 0.4   | 0.8   | 0.9   |
| 0.1  | 0.1   | 0.1   | 0.1   | 0.1   | 0.3   | 0.0   |
| 64.2 | 104.4 | 108.0 | 71.4  | 176.9 | 140.5 | 100.2 |
| 0.0  | 0.0   | 0.4   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.1  | 0.1   | 0.2   | 0.1   | 0.0   | 0.1   | 0.0   |
| 7.6  | 3.7   | 6.8   | 7.6   | 6.9   | 11.4  | 16.5  |
| 1.1  | 1.1   | 1.2   | 1.4   | 1.5   | 1.2   | 1.7   |
| 1.2  | 2.1   | 5.6   | 6.3   | 2.1   | 4.6   | 1.5   |
| 0.4  | 1.1   | 1.4   | 1.1   | 1.1   | 1.4   | 0.0   |
| 8.2  | 12.3  | 9.5   | 8.7   | 6.4   | 12.7  | 6.1   |
| 0.0  | 0.0   | 0.2   | 0.1   | 0.1   | 0.1   | 0.0   |
| 2.4  | 5.2   | 8.5   | 6.4   | 3.4   | 4.4   | 3.6   |
| 4.1  | 5.0   | 9.3   | 7.7   | 4.8   | 6.3   | 3.8   |
| 1.4  | 4.5   | 11.0  | 11.0  | 3.7   | 10.4  | 2.2   |
| 2.6  | 7.3   | 5.0   | 5.2   | 3.2   | 7.7   | 2.8   |
| 93.4 | 97.1  | 89.3  | 108.0 | 95.7  | 109.6 | 165.4 |
| 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.7  | 0.6   | 1.5   | 2.0   | 1.6   | 2.0   | 0.0   |
| 0.3  | 0.1   | 0.2   | 0.2   | 0.2   | 0.5   | 0.0   |
| 3.2  | 3.3   | 4.6   | 5.4   | 4.1   | 3.8   | 6.0   |
| 1.2  | 1.5   | 2.4   | 2.0   | 2.5   | 1.8   | 0.0   |
| 0.1  | 0.0   | 0.0   | 0.0   | 0.4   | 0.0   | 0.0   |
| 0.4  | 0.7   | 1.5   | 1.9   | 0.9   | 1.2   | 0.1   |
| 0.0  | 0.1   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 1.2   | 1.2   | 2.5   | 3.1   | 2.6   | 0.3   | 3.1   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.2   | 0.0   |
| 0.1   | 0.1   | 0.3   | 0.1   | 0.1   | 0.2   | 0.0   |
| 0.5   | 0.2   | 0.8   | 0.8   | 0.9   | 0.5   | 3.4   |
| 1.0   | 1.5   | 3.2   | 2.8   | 1.7   | 2.2   | 1.0   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.2   | 1.0   | 0.3   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.3   | 0.1   | 0.0   | 0.6   | 0.0   | 0.2   | 0.0   |
| 18.0  | 32.6  | 63.6  | 70.0  | 35.6  | 55.5  | 19.3  |
| 0.2   | 0.4   | 0.9   | 0.3   | 0.1   | 1.4   | 0.0   |
| 2.2   | 2.0   | 3.5   | 4.1   | 3.5   | 2.9   | 5.2   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.3   | 0.1   | 0.0   | 0.1   | 0.1   | 0.0   |
| 0.0   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   | 0.0   |
| 0.0   | 0.2   | 0.4   | 0.6   | 0.1   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.3   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.3   | 0.0   | 0.0   | 0.2   | 0.0   |
| 0.2   | 0.4   | 0.3   | 0.5   | 0.1   | 0.2   | 0.0   |
| 0.0   | 0.2   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.6   | 0.6   | 0.8   | 1.1   | 1.6   | 1.4   | 0.0   |
| 3.4   | 3.0   | 1.9   | 1.9   | 3.0   | 3.4   | 2.1   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.3   | 0.0   | 0.9   | 0.0   | 0.0   |
| 3.7   | 3.9   | 1.5   | 1.3   | 3.8   | 4.7   | 0.0   |
| 3.6   | 7.1   | 5.5   | 3.3   | 5.9   | 5.8   | 0.0   |
| 0.1   | 0.2   | 0.2   | 0.2   | 0.1   | 0.4   | 0.0   |
| 0.1   | 0.0   | 0.4   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.0   | 1.6   | 1.2   | 1.0   | 1.5   | 1.5   | 0.6   |
| 4.7   | 6.4   | 13.9  | 17.4  | 8.5   | 12.1  | 2.5   |
| 0.2   | 0.5   | 0.2   | 0.3   | 0.1   | 0.4   | 0.0   |
| 21.1  | 21.6  | 27.7  | 28.0  | 18.5  | 26.9  | 27.5  |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 205.6 | 257.9 | 206.4 | 209.9 | 196.0 | 255.2 | 208.7 |
| 0.0   | 0.0   | 0.3   | 0.4   | 0.4   | 0.3   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.6   | 0.1   | 0.0   | 0.4   | 0.0   |
| 58.9  | 113.5 | 46.9  | 40.4  | 71.3  | 73.6  | 36.8  |
| 12.4  | 11.7  | 5.5   | 5.2   | 10.4  | 12.4  | 3.8   |
| 277.4 | 227.3 | 211.7 | 195.1 | 314.8 | 288.0 | 139.6 |
| 0.0   | 0.5   | 1.4   | 0.4   | 0.6   | 0.6   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.1   | 0.0   |
| 0.1   | 0.3   | 0.3   | 0.0   | 0.1   | 0.5   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.4   | 0.0   | 0.0   | 0.0   |

|      |      |      |      |      |      |       |
|------|------|------|------|------|------|-------|
| 0.0  | 0.0  | 0.0  | 0.0  | 0.3  | 0.0  | 0.0   |
| 0.3  | 0.4  | 0.4  | 0.3  | 0.6  | 0.4  | 0.3   |
| 0.2  | 0.4  | 0.3  | 0.3  | 0.3  | 1.1  | 0.0   |
| 0.2  | 0.3  | 2.9  | 3.6  | 0.7  | 5.2  | 0.0   |
| 0.4  | 0.4  | 1.3  | 4.3  | 1.4  | 4.3  | 0.0   |
| 0.0  | 0.1  | 0.2  | 1.0  | 0.2  | 0.2  | 0.0   |
| 0.2  | 0.0  | 1.3  | 0.2  | 0.0  | 0.8  | 0.0   |
| 10.8 | 10.7 | 5.6  | 4.4  | 7.3  | 12.8 | 2.3   |
| 1.2  | 2.9  | 5.1  | 5.6  | 2.3  | 2.9  | 1.7   |
| 0.0  | 0.1  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0   |
| 1.6  | 1.4  | 2.7  | 1.8  | 2.8  | 1.9  | 0.4   |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0   |
| 2.9  | 3.6  | 2.8  | 3.0  | 2.3  | 3.3  | 2.9   |
| 1.0  | 0.8  | 1.3  | 1.4  | 1.1  | 0.9  | 1.6   |
| 0.0  | 0.1  | 0.3  | 0.1  | 0.0  | 0.0  | 0.0   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   |
| 0.1  | 0.3  | 0.4  | 0.3  | 0.1  | 0.0  | 1.6   |
| 1.2  | 2.0  | 1.4  | 2.4  | 1.8  | 3.4  | 0.2   |
| 2.6  | 4.4  | 6.3  | 8.1  | 4.1  | 4.6  | 2.5   |
| 2.2  | 3.2  | 5.2  | 3.0  | 4.3  | 5.3  | 0.0   |
| 0.1  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0   |
| 0.0  | 0.3  | 0.0  | 0.7  | 0.2  | 0.0  | 0.0   |
| 54.9 | 71.6 | 49.3 | 95.3 | 83.0 | 91.7 | 142.8 |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.1  | 0.0  | 0.0   |
| 0.1  | 0.2  | 0.4  | 0.7  | 0.4  | 0.5  | 0.0   |
| 0.1  | 0.0  | 0.3  | 0.2  | 0.1  | 0.3  | 0.0   |
| 0.6  | 1.0  | 2.2  | 0.7  | 1.1  | 1.6  | 1.1   |
| 0.3  | 0.4  | 0.5  | 0.4  | 0.3  | 0.7  | 0.6   |
| 1.0  | 1.3  | 1.9  | 2.6  | 1.7  | 2.0  | 1.4   |
| 0.0  | 0.1  | 0.4  | 0.1  | 0.0  | 0.1  | 0.0   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   |
| 0.5  | 1.4  | 2.3  | 2.6  | 1.4  | 2.6  | 0.8   |
| 0.3  | 0.1  | 0.7  | 0.1  | 0.1  | 0.0  | 0.0   |
| 0.6  | 0.4  | 0.0  | 1.8  | 0.0  | 1.1  | 0.0   |
| 16.7 | 8.0  | 17.6 | 21.2 | 15.6 | 11.6 | 9.4   |
| 0.1  | 0.2  | 0.5  | 0.4  | 0.3  | 0.4  | 0.0   |
| 0.3  | 0.0  | 2.0  | 0.5  | 0.9  | 0.0  | 0.0   |
| 8.3  | 10.6 | 12.9 | 14.7 | 18.6 | 12.6 | 8.5   |
| 2.1  | 1.6  | 1.8  | 2.6  | 1.4  | 1.8  | 3.7   |
| 0.3  | 0.0  | 1.1  | 2.0  | 0.2  | 0.5  | 0.0   |
| 1.5  | 1.7  | 1.0  | 1.2  | 0.7  | 1.6  | 1.9   |
| 3.0  | 2.6  | 4.1  | 5.5  | 4.1  | 5.3  | 0.9   |
| 5.9  | 5.9  | 5.7  | 6.0  | 7.9  | 8.6  | 2.9   |
| 0.0  | 0.0  | 0.6  | 0.5  | 0.0  | 0.0  | 0.0   |

|     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|
| 2.0 | 2.9 | 2.2 | 2.4 | 2.9 | 3.1 | 1.0 |
| 3.1 | 3.3 | 2.2 | 3.4 | 4.1 | 5.3 | 3.2 |
| 1.0 | 1.2 | 1.4 | 2.0 | 1.4 | 1.8 | 1.0 |
| 2.4 | 3.1 | 2.1 | 2.9 | 1.8 | 1.5 | 3.4 |
| 0.0 | 0.0 | 0.4 | 0.2 | 0.0 | 0.2 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 |
| 0.2 | 0.2 | 0.3 | 0.4 | 0.1 | 0.2 | 0.0 |
| 0.7 | 1.4 | 1.3 | 0.6 | 0.4 | 1.0 | 0.0 |
| 2.7 | 1.8 | 3.3 | 4.2 | 3.7 | 3.1 | 4.0 |
| 0.7 | 1.0 | 1.0 | 1.4 | 1.8 | 2.2 | 1.6 |
| 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.2 | 0.3 | 1.0 | 0.4 | 0.9 | 0.4 | 0.0 |
| 0.7 | 1.1 | 0.6 | 1.0 | 0.1 | 0.7 | 0.2 |
| 0.5 | 0.9 | 0.6 | 1.1 | 0.3 | 1.5 | 0.0 |
| 2.1 | 1.7 | 0.8 | 1.6 | 0.8 | 1.2 | 0.0 |
| 0.9 | 0.4 | 1.6 | 1.9 | 0.6 | 1.5 | 0.6 |
| 0.0 | 0.0 | 0.3 | 0.6 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.2 | 0.4 | 0.0 | 0.2 | 0.0 |
| 3.7 | 4.4 | 6.2 | 5.7 | 6.3 | 5.2 | 3.6 |
| 1.2 | 0.9 | 1.5 | 1.1 | 0.5 | 1.3 | 0.0 |
| 0.1 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 |
| 5.5 | 5.8 | 4.2 | 5.8 | 5.0 | 4.3 | 2.8 |
| 0.5 | 0.5 | 0.7 | 0.8 | 0.2 | 0.7 | 0.4 |
| 0.5 | 0.2 | 0.3 | 1.1 | 0.9 | 1.9 | 0.0 |
| 1.2 | 1.3 | 1.2 | 2.0 | 1.5 | 0.7 | 0.2 |
| 0.1 | 0.2 | 1.1 | 1.0 | 0.2 | 2.0 | 0.0 |
| 0.7 | 1.6 | 2.6 | 0.7 | 2.3 | 1.4 | 1.5 |
| 0.8 | 2.7 | 6.5 | 4.0 | 1.8 | 2.8 | 0.0 |
| 0.8 | 1.0 | 2.1 | 2.4 | 2.0 | 1.4 | 1.3 |
| 0.4 | 1.1 | 2.4 | 2.4 | 1.7 | 2.4 | 0.1 |
| 0.7 | 1.5 | 2.2 | 2.2 | 1.7 | 1.7 | 1.6 |
| 2.7 | 3.2 | 9.4 | 8.9 | 5.9 | 5.5 | 5.2 |
| 6.2 | 7.2 | 5.9 | 8.9 | 7.5 | 5.2 | 7.3 |
| 1.7 | 1.4 | 5.2 | 2.4 | 1.3 | 2.0 | 0.0 |
| 2.1 | 2.0 | 4.9 | 5.8 | 1.3 | 3.1 | 0.0 |
| 0.0 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.0 |
| 0.2 | 0.4 | 0.4 | 0.6 | 1.1 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.2 | 0.1 | 0.1 | 0.0 | 0.0 |
| 0.0 | 0.1 | 0.1 | 0.0 | 0.1 | 0.0 | 0.0 |
| 0.3 | 0.3 | 0.0 | 0.3 | 0.0 | 0.5 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.0 |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 2.2   | 2.7   | 4.9   | 5.2   | 4.5   | 1.7   | 9.0   |
| 0.4   | 1.0   | 1.3   | 1.0   | 0.2   | 1.0   | 0.0   |
| 40.6  | 47.7  | 40.5  | 33.5  | 42.4  | 24.7  | 106.8 |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.9   | 1.0   | 2.5   | 1.6   | 1.4   | 1.4   | 0.5   |
| 1.6   | 3.4   | 4.0   | 4.2   | 3.4   | 4.0   | 0.9   |
| 4.0   | 3.4   | 1.8   | 4.3   | 6.9   | 4.7   | 0.0   |
| 0.1   | 0.0   | 0.3   | 0.3   | 0.0   | 0.0   | 0.0   |
| 0.9   | 1.3   | 2.7   | 1.9   | 1.5   | 1.6   | 0.9   |
| 0.5   | 0.5   | 1.0   | 1.2   | 0.6   | 0.8   | 1.2   |
| 0.0   | 0.0   | 0.4   | 0.1   | 0.1   | 0.4   | 0.0   |
| 1.7   | 4.1   | 10.1  | 6.5   | 2.3   | 6.0   | 0.3   |
| 2.3   | 2.8   | 2.8   | 3.0   | 3.2   | 2.4   | 2.7   |
| 0.7   | 1.6   | 3.2   | 3.1   | 1.4   | 2.8   | 0.6   |
| 1.6   | 2.1   | 2.1   | 2.4   | 2.1   | 1.9   | 2.3   |
| 0.0   | 0.1   | 0.3   | 0.5   | 0.1   | 0.3   | 0.0   |
| 1.7   | 1.2   | 2.6   | 1.7   | 2.8   | 2.2   | 0.7   |
| 0.8   | 1.0   | 0.9   | 0.9   | 1.3   | 1.1   | 1.3   |
| 1.8   | 1.2   | 1.6   | 1.4   | 1.4   | 1.8   | 0.0   |
| 103.1 | 73.0  | 87.6  | 112.2 | 92.9  | 85.0  | 147.2 |
| 0.1   | 0.1   | 0.2   | 0.1   | 0.2   | 0.1   | 0.0   |
| 16.2  | 20.7  | 11.8  | 12.8  | 19.7  | 18.4  | 7.1   |
| 11.2  | 12.4  | 9.0   | 10.4  | 15.1  | 9.9   | 8.0   |
| 6.4   | 6.2   | 9.0   | 10.1  | 8.2   | 8.6   | 7.8   |
| 0.1   | 0.0   | 0.5   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.5   | 1.0   | 0.1   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.3   | 0.2   | 0.0   | 0.6   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.0   | 0.5   | 0.0   | 0.0   |
| 16.9  | 25.0  | 19.9  | 20.7  | 29.2  | 17.9  | 24.1  |
| 0.9   | 1.2   | 1.3   | 0.9   | 1.0   | 1.0   | 1.4   |
| 4.5   | 4.4   | 2.3   | 2.4   | 4.3   | 5.6   | 2.7   |
| 21.0  | 25.9  | 50.0  | 55.6  | 48.7  | 31.9  | 33.7  |
| 0.2   | 0.1   | 0.9   | 0.3   | 0.2   | 0.5   | 0.0   |
| 23.5  | 21.3  | 19.6  | 22.8  | 18.0  | 23.7  | 30.0  |
| 5.8   | 8.6   | 4.5   | 5.6   | 7.7   | 10.6  | 4.2   |
| 445.2 | 351.1 | 333.1 | 392.0 | 401.1 | 404.5 | 642.4 |
| 2.3   | 4.2   | 9.6   | 6.2   | 2.8   | 5.5   | 2.8   |
| 2.4   | 5.0   | 6.0   | 4.2   | 4.6   | 3.9   | 2.5   |
| 7.2   | 10.5  | 10.9  | 11.3  | 9.8   | 12.3  | 6.3   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.0   | 0.6   | 0.1   | 0.2   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 23.0  | 29.9  | 28.8  | 35.1  | 26.8  | 26.9  | 26.3  |
| 25.3  | 27.1  | 36.5  | 29.4  | 25.5  | 34.0  | 21.1  |
| 5.6   | 7.8   | 12.1  | 11.7  | 7.6   | 9.4   | 10.5  |
| 0.0   | 0.1   | 0.2   | 0.1   | 0.2   | 0.0   | 0.0   |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 7.5   | 8.9   | 5.5   | 5.8   | 3.5   | 7.2   | 6.2   |
| 31.8  | 42.1  | 33.3  | 32.8  | 48.6  | 41.5  | 11.1  |
| 0.3   | 0.4   | 0.3   | 1.1   | 0.4   | 0.2   | 0.0   |
| 5.8   | 4.8   | 5.0   | 7.1   | 4.2   | 4.0   | 10.7  |
| 0.1   | 0.2   | 0.2   | 0.3   | 0.1   | 0.2   | 0.0   |
| 1.3   | 1.3   | 3.1   | 3.4   | 2.1   | 0.5   | 1.8   |
| 1.4   | 2.0   | 1.9   | 3.1   | 1.7   | 2.7   | 4.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 6.2   | 6.6   | 6.5   | 7.1   | 8.1   | 8.2   | 11.1  |
| 1.2   | 1.2   | 1.4   | 1.5   | 2.6   | 1.8   | 1.5   |
| 0.5   | 0.7   | 0.7   | 0.6   | 1.2   | 1.0   | 0.8   |
| 0.6   | 0.6   | 1.0   | 1.0   | 1.5   | 0.8   | 0.0   |
| 0.1   | 0.1   | 0.3   | 0.4   | 0.1   | 0.6   | 0.0   |
| 0.1   | 0.0   | 0.3   | 0.1   | 0.0   | 0.0   | 0.5   |
| 1.5   | 2.3   | 2.3   | 2.6   | 2.7   | 2.8   | 3.4   |
| 12.5  | 11.5  | 14.7  | 17.7  | 14.9  | 15.6  | 19.8  |
| 2.7   | 3.6   | 2.5   | 2.0   | 3.4   | 4.3   | 1.2   |
| 34.9  | 35.2  | 42.8  | 53.6  | 40.1  | 44.5  | 65.6  |
| 0.0   | 0.2   | 0.0   | 0.2   | 0.0   | 0.8   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 297.6 | 343.0 | 239.7 | 263.0 | 318.0 | 289.6 | 261.4 |
| 4.7   | 5.9   | 5.3   | 5.2   | 7.8   | 6.3   | 3.6   |
| 6.9   | 8.8   | 7.6   | 6.7   | 7.0   | 10.9  | 4.0   |
| 0.3   | 0.1   | 0.7   | 1.1   | 0.2   | 1.1   | 0.0   |
| 0.0   | 0.0   | 0.5   | 0.1   | 0.2   | 0.6   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.1   | 0.1   | 0.1   | 0.0   |
| 3.6   | 3.4   | 2.4   | 2.5   | 5.5   | 6.3   | 0.5   |
| 41.5  | 43.0  | 52.5  | 52.3  | 40.9  | 52.3  | 102.1 |
| 4.0   | 4.1   | 1.6   | 1.8   | 3.3   | 5.5   | 0.3   |
| 5.1   | 5.3   | 6.1   | 6.3   | 6.7   | 7.1   | 7.7   |
| 4.4   | 5.2   | 4.4   | 5.0   | 4.4   | 4.6   | 6.8   |
| 0.8   | 0.8   | 0.7   | 0.6   | 1.1   | 1.1   | 0.6   |
| 0.2   | 0.3   | 0.6   | 0.2   | 0.1   | 0.4   | 0.0   |
| 7.0   | 6.9   | 6.6   | 7.4   | 8.6   | 6.8   | 7.5   |
| 6.5   | 6.9   | 7.7   | 8.4   | 9.3   | 8.0   | 6.0   |
| 5.2   | 4.7   | 7.3   | 7.3   | 6.7   | 6.5   | 3.1   |
| 1.4   | 1.8   | 1.8   | 1.0   | 1.2   | 2.2   | 1.8   |
| 15.6  | 24.8  | 24.6  | 28.1  | 18.9  | 19.8  | 22.1  |
| 10.1  | 10.7  | 11.6  | 15.9  | 10.8  | 10.0  | 22.1  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 4.6   | 5.1   | 4.2   | 4.3   | 6.1   | 6.2   | 3.6   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.2   | 1.8   | 7.3   | 4.3   | 1.0   | 4.9   | 0.0   |
| 0.6   | 2.7   | 0.0   | 6.5   | 2.1   | 0.0   | 0.0   |
| 4.7   | 7.2   | 5.6   | 5.8   | 8.6   | 7.4   | 6.1   |
| 0.0   | 0.1   | 0.2   | 0.1   | 0.1   | 0.0   | 0.0   |
| 299.8 | 196.0 | 174.0 | 188.1 | 214.4 | 210.6 | 295.4 |



|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 6.8  | 8.3  | 7.0  | 8.9  | 6.3  | 10.2 | 6.5  |
| 0.0  | 0.1  | 0.0  | 0.4  | 0.1  | 0.5  | 0.0  |
| 4.2  | 3.8  | 4.5  | 3.7  | 6.0  | 4.0  | 2.1  |
| 21.6 | 35.3 | 31.3 | 28.6 | 45.0 | 43.8 | 40.8 |
| 2.7  | 3.3  | 2.5  | 4.1  | 3.4  | 4.7  | 4.3  |
| 13.5 | 12.1 | 12.1 | 15.5 | 15.4 | 14.9 | 17.5 |
| 1.0  | 1.2  | 1.2  | 2.0  | 1.8  | 1.5  | 3.0  |
| 0.0  | 0.0  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  |
| 1.5  | 1.2  | 1.1  | 1.2  | 2.2  | 0.7  | 0.2  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.2  | 0.0  |
| 3.1  | 3.1  | 1.4  | 1.8  | 3.4  | 3.9  | 2.1  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.9  | 1.3  | 2.7  | 3.6  | 2.1  | 1.7  | 1.8  |
| 1.1  | 1.2  | 0.8  | 0.9  | 1.2  | 1.7  | 0.8  |
| 0.0  | 0.0  | 0.4  | 0.4  | 0.2  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 19.8 | 26.6 | 27.6 | 29.0 | 30.1 | 28.4 | 43.0 |
| 28.1 | 33.5 | 37.0 | 37.0 | 47.1 | 19.9 | 14.2 |
| 46.6 | 47.2 | 46.8 | 57.1 | 46.5 | 55.3 | 61.9 |
| 3.1  | 5.5  | 3.6  | 5.4  | 3.0  | 5.9  | 5.6  |
| 0.8  | 0.2  | 0.8  | 0.5  | 0.2  | 0.8  | 1.0  |
| 0.9  | 0.7  | 1.6  | 1.9  | 1.1  | 1.7  | 3.5  |
| 1.9  | 2.2  | 2.8  | 3.1  | 2.3  | 3.4  | 1.5  |
| 0.1  | 0.1  | 0.7  | 0.4  | 0.1  | 0.6  | 0.0  |
| 28.8 | 47.2 | 43.8 | 45.2 | 35.8 | 51.6 | 35.0 |
| 4.8  | 6.1  | 7.8  | 8.5  | 6.1  | 7.1  | 7.1  |
| 0.8  | 1.0  | 1.5  | 1.2  | 1.0  | 0.7  | 1.9  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.5  | 0.5  | 0.8  | 0.8  | 0.9  | 0.5  | 1.4  |
| 2.6  | 3.2  | 3.3  | 3.0  | 3.2  | 3.7  | 0.2  |
| 0.2  | 0.1  | 0.4  | 0.3  | 0.2  | 0.4  | 0.0  |
| 0.8  | 1.1  | 1.7  | 1.8  | 1.1  | 1.3  | 1.1  |
| 7.0  | 7.9  | 7.8  | 8.3  | 6.7  | 9.9  | 7.5  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 6.4  | 8.9  | 7.4  | 10.0 | 8.5  | 8.6  | 3.0  |
| 0.5  | 0.8  | 0.9  | 0.8  | 0.7  | 0.8  | 0.8  |
| 9.0  | 12.0 | 8.2  | 8.4  | 11.8 | 9.6  | 4.5  |
| 2.0  | 2.2  | 1.8  | 1.7  | 3.3  | 3.5  | 1.1  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2.8  | 2.8  | 3.7  | 4.2  | 3.0  | 3.2  | 3.4  |
| 0.1  | 0.0  | 0.2  | 0.0  | 0.1  | 0.0  | 0.0  |
| 1.8  | 2.7  | 1.7  | 1.7  | 2.4  | 2.4  | 1.8  |
| 1.1  | 2.0  | 2.3  | 2.0  | 2.0  | 2.1  | 1.4  |
| 0.2  | 0.1  | 0.3  | 0.4  | 0.2  | 0.2  | 0.3  |

|       |       |       |       |       |       |        |
|-------|-------|-------|-------|-------|-------|--------|
| 19.0  | 23.5  | 20.7  | 21.6  | 20.5  | 22.5  | 23.3   |
| 0.1   | 0.2   | 0.5   | 0.3   | 0.2   | 0.2   | 1.3    |
| 10.9  | 16.2  | 13.5  | 18.5  | 14.8  | 13.1  | 12.3   |
| 3.2   | 5.0   | 3.7   | 4.1   | 4.6   | 7.8   | 4.3    |
| 6.0   | 9.2   | 7.3   | 8.9   | 9.9   | 9.6   | 6.9    |
| 0.2   | 0.0   | 0.3   | 0.3   | 0.0   | 0.4   | 0.0    |
| 42.0  | 59.8  | 69.0  | 65.1  | 57.9  | 59.3  | 56.3   |
| 0.1   | 0.1   | 0.4   | 0.1   | 0.0   | 0.0   | 0.0    |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.4   | 0.0    |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.2    |
| 0.1   | 0.2   | 0.2   | 0.2   | 0.0   | 0.1   | 0.0    |
| 3.5   | 4.2   | 5.3   | 5.5   | 4.6   | 3.7   | 3.6    |
| 13.0  | 16.2  | 14.9  | 18.0  | 14.3  | 15.3  | 20.4   |
| 60.0  | 90.7  | 92.0  | 84.0  | 79.3  | 80.0  | 75.1   |
| 586.0 | 456.2 | 529.0 | 628.8 | 577.4 | 542.5 | 1033.7 |
| 0.1   | 0.2   | 0.2   | 0.2   | 0.3   | 0.3   | 0.2    |
| 11.6  | 14.2  | 12.1  | 11.9  | 14.4  | 15.0  | 13.2   |
| 0.4   | 0.2   | 1.0   | 0.5   | 0.2   | 1.0   | 0.0    |
| 0.2   | 0.1   | 0.8   | 0.2   | 0.5   | 0.3   | 0.0    |
| 0.0   | 0.0   | 0.2   | 0.3   | 0.0   | 0.0   | 0.0    |
| 27.7  | 37.6  | 36.9  | 41.4  | 33.0  | 41.5  | 55.4   |
| 0.7   | 1.1   | 0.9   | 1.5   | 1.0   | 1.3   | 1.2    |
| 0.5   | 1.6   | 2.7   | 3.2   | 1.4   | 2.9   | 1.2    |
| 15.9  | 20.5  | 15.4  | 15.3  | 17.7  | 23.3  | 25.5   |
| 8.9   | 9.8   | 10.0  | 10.8  | 10.4  | 12.5  | 14.3   |
| 5.5   | 6.2   | 5.8   | 5.9   | 6.7   | 7.8   | 10.0   |
| 6.4   | 5.7   | 5.6   | 7.7   | 5.5   | 6.8   | 7.8    |
| 4.3   | 5.3   | 8.4   | 5.5   | 2.8   | 4.4   | 4.1    |
| 0.0   | 0.0   | 0.3   | 0.1   | 0.0   | 0.0   | 0.0    |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    |
| 0.2   | 0.1   | 0.3   | 0.1   | 0.1   | 0.3   | 0.1    |
| 2.7   | 4.0   | 4.1   | 4.0   | 4.3   | 2.6   | 1.9    |
| 1.6   | 3.5   | 7.1   | 6.9   | 3.5   | 6.6   | 3.0    |
| 0.1   | 0.2   | 0.5   | 0.2   | 0.4   | 0.1   | 0.3    |
| 1.1   | 0.9   | 1.3   | 1.6   | 0.7   | 1.0   | 1.3    |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.3   | 0.0    |
| 1.4   | 1.7   | 2.1   | 1.1   | 1.6   | 1.9   | 0.0    |
| 4.0   | 5.0   | 8.9   | 9.4   | 7.5   | 5.7   | 4.8    |
| 1.2   | 1.0   | 3.0   | 1.9   | 2.7   | 1.6   | 0.0    |
| 0.0   | 0.0   | 0.3   | 0.2   | 0.0   | 0.0   | 0.0    |
| 4.7   | 7.1   | 5.4   | 5.9   | 5.2   | 6.9   | 8.1    |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    |
| 5.8   | 6.2   | 7.3   | 7.6   | 5.3   | 5.6   | 7.0    |
| 0.8   | 0.6   | 3.2   | 2.2   | 1.8   | 2.3   | 0.0    |
| 0.0   | 0.1   | 0.5   | 0.2   | 0.0   | 0.1   | 0.0    |
| 0.2   | 1.0   | 1.2   | 1.4   | 1.0   | 0.2   | 0.0    |

|     |      |      |      |      |      |     |
|-----|------|------|------|------|------|-----|
| 0.0 | 0.3  | 0.1  | 1.1  | 0.0  | 0.0  | 0.0 |
| 0.2 | 0.3  | 0.6  | 0.8  | 0.3  | 0.1  | 0.0 |
| 2.4 | 2.8  | 2.8  | 2.2  | 2.4  | 4.3  | 2.1 |
| 0.2 | 0.3  | 0.2  | 0.3  | 0.5  | 0.2  | 0.1 |
| 2.3 | 2.6  | 2.7  | 2.9  | 3.0  | 3.0  | 2.4 |
| 4.5 | 6.5  | 5.8  | 6.4  | 6.0  | 6.8  | 6.3 |
| 0.0 | 0.0  | 0.5  | 0.4  | 0.0  | 0.3  | 0.0 |
| 0.0 | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0 |
| 1.9 | 2.5  | 2.7  | 2.5  | 3.2  | 1.8  | 1.2 |
| 0.2 | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0 |
| 0.1 | 0.2  | 1.1  | 0.0  | 1.1  | 1.3  | 0.0 |
| 2.6 | 3.1  | 3.3  | 3.9  | 3.5  | 2.8  | 4.4 |
| 0.1 | 0.1  | 0.4  | 0.5  | 0.1  | 0.5  | 0.0 |
| 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0 | 0.2  | 0.9  | 0.0  | 1.0  | 0.0  | 0.5 |
| 0.2 | 0.4  | 0.4  | 0.2  | 0.4  | 0.2  | 0.0 |
| 0.1 | 0.0  | 0.2  | 0.3  | 0.1  | 0.4  | 0.0 |
| 0.7 | 0.2  | 1.5  | 1.0  | 0.6  | 0.6  | 1.7 |
| 0.0 | 0.2  | 0.7  | 0.1  | 0.1  | 0.0  | 0.0 |
| 0.6 | 0.4  | 0.6  | 1.2  | 0.7  | 0.5  | 0.3 |
| 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.7 | 0.9  | 1.5  | 1.9  | 2.0  | 2.1  | 2.2 |
| 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.2  | 0.0 |
| 1.8 | 2.0  | 2.0  | 2.4  | 2.5  | 1.8  | 1.3 |
| 0.9 | 1.0  | 1.5  | 0.6  | 1.5  | 1.0  | 2.4 |
| 0.4 | 0.4  | 1.1  | 0.6  | 0.3  | 0.4  | 0.3 |
| 2.9 | 3.5  | 3.2  | 3.6  | 3.7  | 4.7  | 4.3 |
| 0.1 | 0.5  | 0.5  | 1.1  | 0.0  | 1.3  | 0.0 |
| 0.0 | 0.1  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0 |
| 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 |
| 0.0 | 0.1  | 0.2  | 0.4  | 0.0  | 0.1  | 0.0 |
| 0.4 | 1.0  | 0.6  | 0.7  | 0.8  | 0.8  | 0.7 |
| 9.6 | 12.3 | 12.5 | 11.5 | 14.2 | 12.8 | 9.2 |
| 0.9 | 1.3  | 1.8  | 1.6  | 1.2  | 1.8  | 1.7 |
| 0.4 | 0.2  | 0.2  | 0.1  | 0.2  | 0.2  | 0.0 |
| 1.5 | 1.7  | 1.9  | 1.7  | 2.1  | 2.1  | 1.5 |
| 4.0 | 5.4  | 3.2  | 3.4  | 4.6  | 5.3  | 2.3 |
| 1.6 | 1.8  | 2.1  | 2.3  | 2.8  | 2.9  | 3.1 |
| 5.5 | 6.6  | 6.1  | 6.2  | 9.2  | 8.5  | 2.6 |
| 1.3 | 1.4  | 1.3  | 1.4  | 1.7  | 1.8  | 1.0 |
| 2.6 | 2.8  | 3.2  | 3.6  | 2.9  | 2.4  | 2.0 |
| 0.0 | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0 |
| 0.3 | 0.2  | 0.4  | 0.4  | 0.2  | 0.4  | 0.0 |
| 2.1 | 2.1  | 2.6  | 2.8  | 2.4  | 2.4  | 2.2 |
| 3.9 | 4.4  | 5.1  | 7.8  | 5.9  | 5.2  | 9.7 |
| 0.0 | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0 |
| 1.8 | 3.8  | 2.8  | 2.9  | 1.9  | 3.7  | 3.2 |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 50.4  | 58.2  | 77.3  | 97.1  | 77.3  | 70.8  | 58.6  |
| 7.6   | 6.7   | 7.7   | 9.8   | 10.6  | 9.7   | 16.6  |
| 0.2   | 0.5   | 1.1   | 1.0   | 0.3   | 0.7   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.7   | 0.9   | 1.1   | 1.4   | 1.3   | 1.2   | 0.6   |
| 2.4   | 4.3   | 4.6   | 4.1   | 3.0   | 3.9   | 1.6   |
| 1.9   | 2.4   | 2.4   | 2.3   | 2.9   | 2.1   | 1.7   |
| 0.8   | 0.5   | 0.9   | 1.4   | 0.5   | 0.8   | 1.2   |
| 1.8   | 2.2   | 2.2   | 1.9   | 1.8   | 1.8   | 2.7   |
| 0.1   | 0.2   | 0.1   | 0.1   | 0.0   | 0.2   | 0.0   |
| 0.3   | 0.1   | 0.3   | 0.4   | 0.0   | 0.4   | 0.0   |
| 9.0   | 11.8  | 11.0  | 13.9  | 10.0  | 10.0  | 14.9  |
| 0.2   | 0.1   | 1.1   | 0.7   | 0.8   | 0.1   | 1.2   |
| 2.0   | 2.0   | 2.2   | 2.0   | 3.1   | 2.4   | 0.3   |
| 0.7   | 0.9   | 1.9   | 1.4   | 1.3   | 1.3   | 0.4   |
| 1.9   | 2.4   | 1.7   | 1.4   | 2.9   | 2.6   | 1.8   |
| 5.2   | 5.8   | 6.6   | 7.3   | 6.7   | 4.1   | 4.4   |
| 0.5   | 0.6   | 0.3   | 0.3   | 0.5   | 0.9   | 0.4   |
| 2.7   | 2.8   | 3.0   | 3.0   | 3.7   | 3.5   | 2.1   |
| 0.6   | 1.0   | 2.0   | 1.8   | 0.8   | 1.5   | 0.8   |
| 15.1  | 16.6  | 18.7  | 19.7  | 16.0  | 17.2  | 23.0  |
| 0.1   | 0.1   | 0.3   | 0.3   | 0.0   | 0.1   | 0.3   |
| 51.2  | 60.7  | 45.1  | 46.2  | 66.4  | 62.3  | 28.9  |
| 0.1   | 0.0   | 0.3   | 0.3   | 0.0   | 0.0   | 0.0   |
| 6.5   | 9.0   | 8.7   | 8.4   | 8.8   | 8.2   | 6.9   |
| 3.0   | 2.8   | 3.2   | 3.0   | 4.0   | 5.0   | 0.3   |
| 0.0   | 0.1   | 0.4   | 0.1   | 0.0   | 0.3   | 0.0   |
| 1.4   | 1.8   | 1.0   | 1.1   | 2.7   | 2.2   | 1.0   |
| 5.6   | 6.2   | 7.3   | 8.0   | 7.9   | 6.0   | 1.9   |
| 181.2 | 163.1 | 185.7 | 172.0 | 190.6 | 191.7 | 253.5 |
| 3.1   | 3.7   | 2.7   | 2.5   | 4.1   | 3.7   | 0.7   |
| 0.9   | 1.1   | 1.7   | 1.5   | 1.6   | 1.1   | 1.0   |
| 5.2   | 5.4   | 4.0   | 3.8   | 6.1   | 3.9   | 1.7   |
| 34.7  | 41.3  | 32.5  | 36.9  | 32.0  | 40.6  | 52.5  |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.5   | 0.8   | 1.2   | 1.5   | 0.4   | 1.3   | 1.1   |
| 14.8  | 20.4  | 18.3  | 18.9  | 21.2  | 19.3  | 12.9  |
| 1.2   | 1.5   | 2.7   | 2.4   | 1.7   | 1.6   | 2.2   |
| 2.2   | 2.2   | 2.3   | 2.6   | 2.1   | 3.1   | 4.1   |
| 21.8  | 24.7  | 28.6  | 27.1  | 33.0  | 30.6  | 20.9  |
| 7.3   | 8.1   | 6.1   | 6.4   | 8.8   | 6.4   | 5.9   |
| 0.2   | 0.2   | 0.5   | 0.6   | 0.1   | 0.7   | 0.0   |
| 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.7   |
| 18.7  | 34.9  | 29.4  | 32.6  | 31.6  | 35.2  | 11.8  |
| 0.9   | 0.8   | 0.8   | 1.0   | 0.8   | 0.9   | 0.8   |
| 0.1   | 0.1   | 0.3   | 0.1   | 0.1   | 0.1   | 0.0   |
| 0.9   | 1.6   | 4.1   | 4.3   | 1.5   | 3.0   | 1.5   |

|       |       |       |       |       |      |       |
|-------|-------|-------|-------|-------|------|-------|
| 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.1  | 0.0   |
| 1.5   | 2.1   | 2.0   | 1.9   | 1.8   | 2.7  | 3.1   |
| 0.0   | 0.0   | 0.0   | 0.3   | 0.0   | 0.3  | 0.0   |
| 16.3  | 24.3  | 21.0  | 22.9  | 20.7  | 18.9 | 20.6  |
| 3.4   | 5.7   | 4.6   | 6.2   | 4.1   | 6.0  | 7.2   |
| 0.0   | 0.0   | 0.2   | 0.0   | 0.1   | 0.0  | 0.4   |
| 5.9   | 7.2   | 7.3   | 7.5   | 7.7   | 7.4  | 6.5   |
| 1.2   | 1.3   | 1.2   | 0.9   | 2.0   | 1.1  | 0.3   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.3   | 0.2  | 0.0   |
| 1.4   | 1.5   | 1.6   | 1.7   | 1.6   | 2.0  | 1.4   |
| 6.7   | 4.1   | 5.1   | 7.0   | 6.6   | 7.3  | 15.7  |
| 0.1   | 0.1   | 0.4   | 0.0   | 0.0   | 0.2  | 0.1   |
| 11.2  | 13.6  | 8.6   | 8.4   | 12.6  | 16.6 | 9.7   |
| 6.1   | 6.1   | 4.6   | 5.1   | 7.3   | 4.6  | 3.4   |
| 19.9  | 25.6  | 25.2  | 27.4  | 25.0  | 25.6 | 40.0  |
| 132.3 | 120.2 | 117.1 | 152.4 | 110.0 | 94.4 | 159.0 |
| 11.5  | 15.4  | 15.1  | 15.4  | 13.0  | 12.8 | 12.5  |
| 0.2   | 0.9   | 0.5   | 0.6   | 0.7   | 2.4  | 0.0   |
| 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0   |
| 2.9   | 3.2   | 2.3   | 2.5   | 4.8   | 4.5  | 1.5   |
| 0.4   | 0.6   | 1.9   | 1.4   | 0.6   | 1.1  | 0.5   |
| 22.2  | 0.0   | 0.0   | 0.1   | 0.0   | 0.0  | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0  | 0.0   |
| 3.3   | 3.7   | 4.1   | 4.0   | 6.3   | 4.7  | 1.4   |
| 1.5   | 1.8   | 1.2   | 1.3   | 1.5   | 1.8  | 1.6   |
| 0.6   | 0.7   | 0.8   | 0.8   | 0.9   | 0.8  | 0.7   |
| 0.2   | 0.4   | 0.4   | 0.3   | 0.3   | 0.3  | 0.1   |
| 4.4   | 5.9   | 6.4   | 7.2   | 5.8   | 5.9  | 6.5   |
| 1.5   | 1.6   | 1.8   | 2.0   | 2.0   | 1.0  | 0.6   |
| 0.1   | 0.2   | 0.8   | 0.4   | 0.5   | 0.0  | 0.0   |
| 3.6   | 6.9   | 8.5   | 6.1   | 5.9   | 7.7  | 2.8   |
| 0.0   | 0.1   | 0.0   | 0.3   | 0.0   | 0.0  | 0.0   |
| 11.0  | 15.0  | 16.1  | 20.5  | 15.5  | 15.1 | 13.7  |
| 7.1   | 8.7   | 13.3  | 11.2  | 10.7  | 12.9 | 5.9   |
| 0.2   | 0.5   | 0.7   | 0.8   | 0.4   | 0.8  | 0.1   |
| 57.5  | 69.4  | 70.3  | 76.8  | 69.5  | 64.8 | 54.0  |
| 0.1   | 0.2   | 0.6   | 0.3   | 0.4   | 0.4  | 0.4   |
| 4.8   | 7.8   | 8.8   | 9.6   | 8.8   | 9.3  | 6.9   |
| 4.0   | 4.9   | 3.3   | 4.2   | 6.8   | 2.5  | 5.7   |
| 0.2   | 0.3   | 1.0   | 1.2   | 0.6   | 0.3  | 0.1   |
| 3.5   | 4.3   | 4.5   | 3.8   | 5.2   | 5.3  | 3.3   |
| 0.1   | 0.1   | 0.4   | 0.2   | 0.2   | 0.2  | 0.0   |
| 7.2   | 7.2   | 7.5   | 8.4   | 8.1   | 8.1  | 8.6   |
| 3.4   | 4.3   | 4.5   | 4.6   | 5.9   | 5.4  | 2.6   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.1  | 0.0   |
| 2.1   | 2.9   | 1.6   | 2.4   | 3.0   | 3.7  | 3.2   |
| 12.1  | 16.7  | 14.9  | 16.4  | 16.1  | 15.9 | 12.4  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.1  | 0.2  | 0.2  | 0.1  | 0.1  | 0.2  | 0.0  |
| 0.1  | 0.3  | 0.7  | 1.0  | 0.2  | 1.7  | 0.0  |
| 0.4  | 0.3  | 0.3  | 0.3  | 0.2  | 0.3  | 0.0  |
| 0.0  | 0.1  | 0.4  | 0.2  | 0.1  | 0.2  | 0.0  |
| 1.9  | 1.2  | 2.5  | 2.1  | 1.8  | 2.3  | 1.8  |
| 0.1  | 0.2  | 0.2  | 0.1  | 0.0  | 0.9  | 0.0  |
| 0.5  | 0.4  | 0.3  | 0.5  | 1.1  | 0.2  | 0.0  |
| 45.5 | 48.0 | 53.6 | 56.8 | 55.5 | 48.4 | 59.3 |
| 0.1  | 0.7  | 0.4  | 0.9  | 0.8  | 2.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.0  | 0.2  | 0.1  |
| 1.2  | 1.3  | 0.8  | 1.0  | 0.7  | 1.7  | 1.2  |
| 8.3  | 9.6  | 10.7 | 13.4 | 9.6  | 9.6  | 12.3 |
| 0.1  | 0.3  | 0.5  | 0.4  | 0.3  | 0.4  | 0.0  |
| 3.3  | 3.1  | 3.8  | 5.0  | 4.2  | 4.2  | 7.6  |
| 2.5  | 4.2  | 7.1  | 5.6  | 5.0  | 4.4  | 3.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.1  | 0.2  | 0.0  |
| 0.5  | 1.1  | 1.3  | 1.1  | 1.1  | 1.3  | 0.6  |
| 10.9 | 17.4 | 14.0 | 17.6 | 12.4 | 16.4 | 26.5 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.2  | 0.3  | 0.0  |
| 0.4  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.4  | 0.8  | 0.7  | 0.2  | 0.5  | 0.0  |
| 0.5  | 0.4  | 1.2  | 0.9  | 0.9  | 0.0  | 0.0  |
| 0.0  | 0.3  | 0.3  | 0.4  | 0.4  | 0.0  | 0.0  |
| 0.3  | 0.4  | 1.9  | 1.7  | 0.6  | 0.0  | 1.3  |
| 0.6  | 1.3  | 1.6  | 1.0  | 1.0  | 0.6  | 1.2  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.3  | 0.0  |
| 2.9  | 4.3  | 4.5  | 4.7  | 3.5  | 4.2  | 2.5  |
| 0.5  | 0.9  | 0.8  | 0.9  | 0.9  | 1.1  | 0.7  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.5  | 0.3  | 0.0  | 0.6  | 0.0  |
| 5.6  | 5.9  | 7.2  | 9.1  | 4.7  | 4.7  | 4.4  |
| 0.5  | 0.0  | 1.3  | 0.3  | 0.0  | 0.9  | 0.0  |
| 1.0  | 2.0  | 7.3  | 4.6  | 2.2  | 3.2  | 0.0  |
| 1.6  | 1.9  | 0.7  | 2.6  | 2.7  | 2.6  | 0.6  |
| 0.3  | 0.7  | 0.9  | 0.9  | 0.5  | 1.4  | 0.8  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.2  | 0.0  | 0.5  | 0.0  | 0.0  | 0.0  |
| 0.4  | 0.6  | 0.4  | 0.3  | 0.5  | 0.5  | 0.3  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 4.7  | 5.4  | 6.8  | 7.7  | 7.7  | 6.8  | 7.2  |
| 1.2  | 1.5  | 1.4  | 1.1  | 1.6  | 0.9  | 1.1  |
| 36.7 | 46.3 | 68.6 | 75.8 | 64.1 | 46.2 | 42.0 |
| 14.8 | 22.7 | 20.8 | 20.6 | 17.8 | 18.7 | 22.5 |
| 3.5  | 4.7  | 3.0  | 3.7  | 2.5  | 4.3  | 5.9  |
| 1.9  | 2.9  | 2.5  | 3.1  | 2.7  | 2.6  | 3.7  |
| 0.1  | 0.0  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.3  | 0.5  | 0.5  | 0.6  | 0.5  | 0.5  | 0.5  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 136.8 | 138.7 | 135.9 | 150.7 | 168.3 | 187.1 | 123.0 |
| 2.3   | 1.4   | 1.4   | 1.8   | 0.9   | 3.6   | 7.8   |
| 1.0   | 0.8   | 0.8   | 1.1   | 1.0   | 1.1   | 1.4   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 10.6  | 8.4   | 11.7  | 13.2  | 10.8  | 11.2  | 15.3  |
| 110.2 | 143.4 | 123.9 | 157.8 | 165.9 | 167.1 | 226.9 |
| 5.6   | 5.0   | 6.2   | 7.8   | 7.6   | 7.4   | 10.9  |
| 3.8   | 4.7   | 3.8   | 4.5   | 6.3   | 6.5   | 2.9   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.0   | 0.7   | 0.2   | 0.3   | 1.0   | 1.4   | 1.0   |
| 1.6   | 2.2   | 2.8   | 3.0   | 3.3   | 3.0   | 0.1   |
| 7.7   | 13.7  | 11.8  | 12.0  | 13.8  | 12.4  | 9.3   |
| 1.7   | 1.6   | 1.0   | 1.6   | 1.9   | 1.4   | 0.1   |
| 1.3   | 1.8   | 2.0   | 2.0   | 2.4   | 2.5   | 0.4   |
| 8.9   | 9.4   | 5.0   | 5.1   | 7.3   | 11.6  | 9.2   |
| 3.9   | 5.2   | 3.0   | 2.9   | 6.4   | 4.6   | 2.0   |
| 12.4  | 15.5  | 18.4  | 22.0  | 17.4  | 13.8  | 15.1  |
| 3.1   | 4.8   | 6.2   | 7.6   | 6.4   | 5.0   | 5.5   |
| 3.5   | 5.0   | 7.1   | 7.4   | 6.3   | 8.6   | 4.9   |
| 5.0   | 5.1   | 2.5   | 2.6   | 4.4   | 8.2   | 10.6  |
| 1.7   | 1.6   | 1.6   | 1.8   | 1.7   | 2.4   | 1.3   |
| 2.1   | 2.2   | 2.0   | 2.2   | 2.9   | 1.4   | 0.5   |
| 3.0   | 4.0   | 3.1   | 3.0   | 5.7   | 4.6   | 2.7   |
| 0.0   | 0.0   | 0.3   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.3   | 0.1   | 0.0   | 0.4   | 0.0   | 0.0   |
| 4.7   | 6.0   | 5.1   | 5.7   | 7.5   | 8.0   | 3.5   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 8.9   | 11.7  | 12.7  | 11.0  | 11.5  | 15.8  | 12.2  |
| 6.1   | 6.6   | 6.7   | 6.6   | 5.7   | 6.1   | 6.3   |
| 0.1   | 0.3   | 2.0   | 2.0   | 0.8   | 0.0   | 2.7   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.2   | 0.0   |
| 6.7   | 7.6   | 7.1   | 10.1  | 8.3   | 7.7   | 10.8  |
| 0.2   | 0.4   | 0.8   | 0.9   | 0.2   | 0.6   | 0.4   |
| 10.7  | 15.6  | 17.5  | 16.9  | 22.6  | 18.4  | 13.5  |
| 6.4   | 5.0   | 5.3   | 6.6   | 6.8   | 6.1   | 12.0  |
| 1.5   | 2.2   | 2.4   | 2.7   | 2.5   | 2.6   | 1.3   |
| 2.6   | 2.9   | 2.4   | 2.4   | 2.7   | 3.6   | 1.1   |
| 0.5   | 0.6   | 0.6   | 0.8   | 0.4   | 0.5   | 0.5   |
| 16.9  | 23.7  | 20.2  | 20.0  | 23.8  | 20.7  | 17.2  |
| 0.8   | 55.3  | 2.7   | 2.9   | 2.6   | 2.3   | 2.0   |
| 7.5   | 4.7   | 3.6   | 3.6   | 8.3   | 7.0   | 4.3   |
| 3.2   | 0.0   | 0.0   | 1.4   | 0.0   | 2.1   | 0.0   |
| 0.0   | 0.1   | 0.5   | 0.1   | 0.6   | 0.0   | 0.0   |
| 3.3   | 4.3   | 3.3   | 4.2   | 4.7   | 5.6   | 1.5   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.6   | 1.6   | 0.9   | 0.5   | 0.6   | 0.5   |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.1   | 0.0   | 0.3   | 0.0   | 0.0   | 0.2   | 0.0   |
| 0.9   | 1.0   | 0.9   | 0.7   | 1.2   | 1.9   | 0.6   |
| 13.4  | 22.0  | 20.5  | 25.0  | 20.6  | 21.4  | 6.1   |
| 576.2 | 652.8 | 535.8 | 438.4 | 620.5 | 620.6 | 380.6 |
| 0.9   | 1.3   | 0.9   | 1.0   | 1.3   | 1.8   | 1.6   |
| 0.1   | 0.3   | 0.3   | 0.3   | 0.2   | 0.4   | 0.0   |
| 0.6   | 0.8   | 0.7   | 0.8   | 1.0   | 0.8   | 0.3   |
| 8.3   | 15.1  | 11.6  | 11.8  | 10.5  | 13.8  | 12.2  |
| 12.6  | 20.9  | 16.4  | 14.6  | 14.5  | 18.2  | 19.2  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.6   | 0.6   | 1.1   | 1.2   | 1.2   | 0.4   | 4.2   |
| 0.3   | 0.6   | 1.0   | 0.8   | 0.5   | 0.5   | 0.5   |
| 0.8   | 1.1   | 1.1   | 0.9   | 1.0   | 1.2   | 0.4   |
| 0.4   | 0.4   | 0.4   | 0.4   | 0.6   | 0.5   | 0.9   |
| 0.1   | 0.0   | 0.0   | 0.3   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.1   | 0.2   | 0.7   | 0.1   | 0.2   | 0.0   |
| 6.6   | 5.4   | 6.5   | 6.9   | 8.2   | 7.6   | 7.8   |
| 0.0   | 0.0   | 0.3   | 0.2   | 0.0   | 0.2   | 0.0   |
| 0.1   | 0.7   | 0.9   | 0.0   | 0.7   | 0.4   | 0.0   |
| 1.6   | 0.0   | 1.2   | 2.8   | 0.0   | 1.1   | 0.0   |
| 0.0   | 0.1   | 0.4   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.4   | 0.1   | 0.1   | 0.2   | 0.2   |
| 2.2   | 2.6   | 2.8   | 3.0   | 3.3   | 2.6   | 2.6   |
| 0.0   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.2   | 0.5   | 0.4   | 0.0   | 0.4   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   |
| 1.9   | 1.5   | 1.4   | 1.5   | 2.7   | 2.0   | 1.1   |
| 0.8   | 0.7   | 0.4   | 1.6   | 0.6   | 1.4   | 0.5   |
| 8.9   | 15.5  | 10.9  | 11.7  | 12.3  | 12.2  | 12.3  |
| 8.2   | 8.9   | 8.1   | 8.0   | 10.2  | 10.3  | 8.8   |
| 4.5   | 4.7   | 5.2   | 4.0   | 6.5   | 6.2   | 2.6   |
| 0.7   | 0.5   | 1.1   | 0.7   | 0.6   | 0.3   | 0.8   |
| 0.1   | 0.8   | 0.4   | 0.8   | 0.4   | 0.6   | 0.0   |
| 0.2   | 0.4   | 0.1   | 0.5   | 0.5   | 0.1   | 0.8   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.9   | 0.9   | 3.4   | 3.7   | 3.8   | 0.9   | 0.8   |
| 98.4  | 88.1  | 79.1  | 77.6  | 127.4 | 110.0 | 88.9  |
| 3.4   | 5.0   | 4.8   | 5.5   | 5.7   | 5.2   | 2.1   |
| 1.9   | 2.3   | 1.5   | 1.2   | 1.9   | 2.0   | 0.6   |
| 0.2   | 0.2   | 0.4   | 0.3   | 0.3   | 0.6   | 0.5   |
| 3.3   | 5.4   | 5.4   | 6.0   | 4.4   | 5.8   | 3.6   |
| 1.0   | 0.9   | 0.8   | 1.1   | 1.1   | 1.1   | 0.6   |
| 2.2   | 1.6   | 2.1   | 2.7   | 2.6   | 2.4   | 5.2   |
| 11.1  | 16.7  | 8.3   | 6.9   | 11.2  | 19.7  | 4.6   |



|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.3  | 0.7  | 1.3  | 1.1  | 0.5  | 1.1  | 0.1  |
| 2.9  | 3.4  | 3.2  | 2.3  | 6.4  | 4.2  | 2.8  |
| 0.7  | 1.1  | 0.8  | 1.0  | 0.9  | 1.0  | 0.4  |
| 3.0  | 6.0  | 5.0  | 4.7  | 6.7  | 6.9  | 2.5  |
| 5.7  | 5.3  | 5.8  | 7.1  | 5.4  | 5.5  | 6.7  |
| 1.6  | 1.1  | 2.0  | 2.6  | 2.2  | 2.2  | 2.5  |
| 0.0  | 0.0  | 0.0  | 0.4  | 0.0  | 0.0  | 0.0  |
| 0.6  | 1.4  | 2.2  | 1.3  | 0.7  | 0.9  | 0.0  |
| 3.8  | 5.0  | 3.5  | 2.6  | 4.4  | 4.6  | 1.2  |
| 0.6  | 1.8  | 1.1  | 1.1  | 2.4  | 1.6  | 0.3  |
| 2.3  | 2.9  | 3.6  | 4.2  | 3.6  | 4.9  | 4.6  |
| 2.3  | 3.2  | 2.9  | 2.3  | 3.3  | 4.1  | 1.5  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.3  | 0.2  | 0.0  | 0.5  | 0.0  |
| 3.6  | 4.5  | 4.4  | 5.2  | 4.4  | 4.6  | 5.8  |
| 1.2  | 2.5  | 2.9  | 3.1  | 3.0  | 2.5  | 3.1  |
| 1.1  | 1.8  | 1.3  | 1.3  | 1.3  | 2.1  | 0.5  |
| 5.9  | 4.5  | 6.0  | 7.3  | 6.9  | 6.4  | 8.1  |
| 4.6  | 5.4  | 4.9  | 5.5  | 5.9  | 5.2  | 6.8  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  |
| 51.3 | 66.2 | 55.1 | 56.0 | 77.1 | 70.6 | 29.3 |
| 1.3  | 1.8  | 1.4  | 1.9  | 1.5  | 1.8  | 1.3  |
| 0.7  | 1.1  | 1.5  | 1.4  | 1.4  | 1.8  | 0.5  |
| 0.0  | 0.7  | 0.9  | 0.5  | 0.0  | 1.2  | 0.0  |
| 12.1 | 7.9  | 8.3  | 9.5  | 8.8  | 11.7 | 20.6 |
| 1.2  | 1.3  | 1.1  | 1.1  | 1.8  | 0.9  | 0.3  |
| 1.4  | 1.6  | 1.6  | 1.8  | 1.6  | 1.9  | 1.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 38.7 | 43.3 | 42.2 | 46.4 | 39.5 | 46.8 | 55.8 |
| 0.9  | 1.4  | 0.8  | 1.4  | 2.2  | 1.9  | 1.3  |
| 4.2  | 3.0  | 5.2  | 7.0  | 4.9  | 4.2  | 9.4  |
| 0.2  | 0.3  | 1.2  | 0.8  | 0.5  | 0.6  | 0.1  |
| 0.0  | 0.4  | 0.3  | 0.2  | 0.1  | 0.3  | 0.0  |
| 0.1  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.2  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.5  | 0.4  | 0.6  | 0.6  | 0.7  | 0.4  | 0.2  |
| 2.2  | 2.4  | 3.6  | 3.7  | 4.2  | 4.6  | 1.6  |
| 0.6  | 0.6  | 0.6  | 0.4  | 0.7  | 0.7  | 0.3  |
| 0.2  | 0.3  | 1.0  | 0.8  | 0.6  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 24.3 | 30.2 | 17.8 | 18.0 | 25.3 | 21.3 | 15.3 |
| 1.2  | 1.2  | 1.4  | 1.9  | 1.3  | 1.5  | 4.1  |
| 0.2  | 0.2  | 0.3  | 0.4  | 0.3  | 0.2  | 0.6  |
| 0.2  | 0.2  | 0.2  | 0.3  | 0.2  | 0.1  | 0.0  |
| 2.6  | 4.0  | 4.5  | 5.5  | 3.5  | 2.9  | 4.2  |
| 8.2  | 10.8 | 11.7 | 10.1 | 10.4 | 12.1 | 10.3 |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 1.3  | 1.6  | 2.5  | 2.8  | 2.1  | 2.4  | 3.8  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  | 0.0  |
| 1.3  | 1.7  | 2.3  | 2.3  | 1.3  | 1.3  | 0.7  |
| 1.7  | 0.9  | 0.7  | 1.8  | 1.2  | 2.9  | 0.0  |
| 0.1  | 0.2  | 0.9  | 0.3  | 0.1  | 0.4  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 1.0  | 1.4  | 1.3  | 1.5  | 2.1  | 1.9  | 1.1  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.2  | 0.3  | 0.0  |
| 4.5  | 5.1  | 4.1  | 3.7  | 6.1  | 6.0  | 2.4  |
| 0.3  | 0.2  | 0.9  | 0.1  | 0.8  | 0.8  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.7  | 0.1  | 0.3  | 0.0  |
| 8.5  | 13.2 | 11.5 | 12.7 | 11.7 | 12.0 | 10.4 |
| 0.2  | 0.3  | 0.6  | 0.5  | 0.2  | 0.4  | 0.0  |
| 5.0  | 4.9  | 6.5  | 4.5  | 6.8  | 7.9  | 3.8  |
| 0.5  | 0.5  | 0.4  | 0.7  | 0.7  | 0.6  | 0.2  |
| 3.5  | 2.1  | 2.7  | 3.4  | 3.7  | 2.5  | 1.9  |
| 11.3 | 13.4 | 11.4 | 10.4 | 14.8 | 13.4 | 8.1  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.2  | 0.4  | 0.3  | 0.5  | 0.3  | 0.1  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 4.0  | 5.5  | 5.0  | 4.4  | 4.9  | 5.1  | 5.5  |
| 0.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 7.1  | 10.8 | 18.9 | 17.5 | 12.7 | 16.3 | 11.6 |
| 0.8  | 1.9  | 5.1  | 5.2  | 2.3  | 4.4  | 2.2  |
| 1.1  | 1.2  | 2.3  | 1.6  | 1.3  | 1.0  | 1.3  |
| 2.4  | 3.0  | 0.9  | 1.3  | 3.9  | 5.8  | 1.0  |
| 0.0  | 0.3  | 0.1  | 0.3  | 0.0  | 1.3  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.0  | 0.1  | 0.0  |
| 4.8  | 6.3  | 4.9  | 5.6  | 7.4  | 5.1  | 3.1  |
| 1.2  | 2.2  | 1.9  | 2.5  | 1.9  | 2.7  | 0.9  |
| 0.4  | 0.9  | 1.8  | 2.3  | 0.5  | 1.4  | 0.8  |
| 5.8  | 6.3  | 5.9  | 7.0  | 9.7  | 8.4  | 1.1  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 2.9  | 4.4  | 2.3  | 2.5  | 3.7  | 5.4  | 2.8  |
| 2.1  | 4.0  | 5.1  | 4.5  | 3.4  | 3.3  | 2.2  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.4  | 0.4  | 0.4  | 0.4  | 0.6  | 0.5  |
| 0.9  | 0.4  | 0.9  | 1.2  | 0.7  | 0.5  | 0.5  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 6.5  | 6.0  | 5.5  | 4.5  | 7.4  | 5.9  | 5.5  |
| 6.3  | 9.0  | 8.4  | 9.3  | 8.2  | 9.7  | 7.8  |
| 3.3  | 3.9  | 4.5  | 4.4  | 4.7  | 4.1  | 3.0  |
| 20.1 | 20.9 | 25.2 | 26.4 | 24.0 | 23.1 | 31.4 |
| 1.7  | 1.5  | 1.5  | 1.5  | 2.6  | 2.4  | 1.1  |
| 3.8  | 5.1  | 4.5  | 4.2  | 7.8  | 5.1  | 5.6  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.1  | 0.0  |
| 3.2  | 3.3  | 3.9  | 4.2  | 6.1  | 3.6  | 2.2  |

|      |       |      |      |      |      |      |
|------|-------|------|------|------|------|------|
| 0.0  | 0.1   | 0.3  | 0.1  | 0.4  | 0.1  | 0.0  |
| 0.5  | 0.7   | 1.2  | 1.4  | 1.1  | 1.0  | 0.6  |
| 2.6  | 2.4   | 4.7  | 4.5  | 5.0  | 3.7  | 5.0  |
| 4.0  | 5.4   | 4.2  | 4.5  | 5.1  | 5.2  | 2.8  |
| 0.0  | 0.0   | 0.0  | 0.0  | 0.1  | 0.1  | 0.0  |
| 0.1  | 0.1   | 0.5  | 0.3  | 0.1  | 0.4  | 0.1  |
| 3.6  | 3.8   | 4.2  | 4.4  | 3.7  | 4.8  | 5.2  |
| 1.8  | 1.7   | 1.2  | 1.4  | 2.4  | 2.1  | 0.3  |
| 0.2  | 0.3   | 0.3  | 0.4  | 0.3  | 0.3  | 0.2  |
| 0.1  | 0.4   | 1.0  | 0.9  | 0.1  | 0.5  | 1.9  |
| 14.7 | 21.5  | 24.4 | 30.5 | 21.4 | 25.1 | 19.9 |
| 0.1  | 0.1   | 0.1  | 0.1  | 0.1  | 0.2  | 0.1  |
| 2.8  | 1.7   | 4.7  | 3.6  | 6.0  | 3.6  | 3.5  |
| 0.7  | 0.9   | 1.1  | 1.0  | 0.9  | 0.8  | 0.9  |
| 1.1  | 1.8   | 2.3  | 2.5  | 2.0  | 2.5  | 0.6  |
| 27.7 | 33.0  | 30.4 | 31.0 | 27.8 | 30.2 | 29.0 |
| 16.4 | 17.5  | 15.1 | 16.5 | 19.5 | 20.6 | 18.6 |
| 5.7  | 7.7   | 4.3  | 5.3  | 8.6  | 8.4  | 5.5  |
| 40.0 | 45.9  | 50.6 | 55.5 | 43.7 | 47.9 | 61.3 |
| 0.2  | 0.3   | 0.7  | 0.4  | 0.0  | 0.0  | 0.0  |
| 0.8  | 0.7   | 1.4  | 2.0  | 1.9  | 0.9  | 0.6  |
| 0.0  | 0.1   | 0.2  | 0.1  | 0.1  | 0.0  | 0.0  |
| 20.2 | 26.2  | 21.1 | 25.3 | 20.7 | 27.1 | 32.4 |
| 1.4  | 2.4   | 1.0  | 0.8  | 1.5  | 2.8  | 1.0  |
| 10.3 | 10.6  | 8.2  | 8.7  | 7.8  | 11.0 | 9.1  |
| 5.8  | 7.3   | 8.6  | 9.0  | 7.3  | 5.3  | 4.2  |
| 15.8 | 14.5  | 16.3 | 21.3 | 17.8 | 16.2 | 19.6 |
| 0.5  | 1.1   | 0.9  | 0.7  | 1.1  | 0.9  | 0.9  |
| 0.1  | 0.1   | 0.4  | 0.3  | 0.1  | 0.1  | 0.1  |
| 3.2  | 4.4   | 3.1  | 3.6  | 4.8  | 3.8  | 0.1  |
| 7.1  | 6.7   | 6.4  | 7.6  | 8.4  | 9.8  | 12.1 |
| 0.1  | 0.1   | 0.5  | 0.3  | 0.1  | 0.1  | 0.0  |
| 0.1  | 0.1   | 0.2  | 0.1  | 0.1  | 0.3  | 0.0  |
| 0.5  | 0.9   | 0.9  | 0.8  | 1.1  | 0.9  | 0.6  |
| 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.2  | 0.3   | 0.3  | 0.4  | 0.2  | 0.8  | 0.6  |
| 19.2 | 17.3  | 22.9 | 25.0 | 25.0 | 26.0 | 19.7 |
| 1.7  | 1.7   | 2.1  | 2.1  | 2.0  | 2.2  | 1.2  |
| 4.2  | 3.8   | 2.5  | 2.8  | 4.5  | 4.8  | 4.5  |
| 72.1 | 101.1 | 58.2 | 66.0 | 77.7 | 74.2 | 50.9 |
| 0.0  | 0.0   | 0.0  | 0.1  | 0.0  | 0.2  | 0.0  |
| 0.1  | 0.0   | 0.5  | 0.5  | 0.1  | 0.4  | 0.0  |
| 27.3 | 48.7  | 43.3 | 52.5 | 34.2 | 43.9 | 72.8 |
| 8.6  | 10.3  | 7.3  | 6.1  | 11.6 | 10.9 | 7.3  |
| 0.8  | 0.6   | 1.0  | 0.8  | 0.9  | 0.8  | 0.3  |
| 0.0  | 0.0   | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.2   | 0.4  | 0.2  | 0.1  | 0.0  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.4  | 0.3  | 0.0  | 0.4  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2.1  | 3.1  | 2.4  | 3.1  | 4.4  | 4.1  | 3.6  |
| 0.2  | 0.2  | 0.3  | 0.3  | 0.3  | 0.2  | 0.3  |
| 1.0  | 1.6  | 1.5  | 1.5  | 2.2  | 1.4  | 0.4  |
| 6.3  | 9.8  | 6.4  | 7.0  | 10.2 | 10.1 | 7.4  |
| 0.1  | 0.0  | 0.2  | 0.1  | 0.1  | 0.3  | 0.0  |
| 25.8 | 29.7 | 24.2 | 30.3 | 27.6 | 29.8 | 33.0 |
| 0.1  | 0.1  | 0.8  | 0.8  | 0.2  | 0.5  | 0.0  |
| 0.3  | 0.4  | 1.1  | 1.0  | 0.6  | 0.7  | 0.0  |
| 16.7 | 20.9 | 23.7 | 21.1 | 20.9 | 18.9 | 14.5 |
| 0.1  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 4.7  | 8.7  | 8.4  | 9.9  | 7.4  | 9.7  | 8.9  |
| 2.1  | 1.8  | 2.1  | 3.2  | 3.8  | 1.4  | 1.6  |
| 4.5  | 5.0  | 6.9  | 8.8  | 6.4  | 6.3  | 9.9  |
| 1.1  | 0.9  | 2.6  | 0.4  | 1.4  | 0.2  | 0.0  |
| 62.6 | 56.7 | 56.1 | 68.7 | 62.7 | 57.3 | 81.7 |
| 0.0  | 0.1  | 0.3  | 0.6  | 0.2  | 0.3  | 0.0  |
| 0.4  | 0.6  | 1.0  | 0.8  | 0.7  | 0.8  | 1.0  |
| 0.2  | 0.2  | 0.9  | 0.3  | 0.7  | 0.7  | 0.4  |
| 0.7  | 1.5  | 2.3  | 1.3  | 2.6  | 1.7  | 0.0  |
| 0.2  | 0.1  | 1.0  | 0.5  | 0.1  | 0.3  | 0.0  |
| 1.8  | 2.4  | 2.2  | 2.0  | 2.6  | 2.5  | 0.7  |
| 30.0 | 39.3 | 29.8 | 29.1 | 43.3 | 44.8 | 11.1 |
| 0.0  | 0.0  | 0.3  | 0.0  | 0.4  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.5  | 0.6  | 0.8  | 0.9  | 0.4  | 0.7  | 0.7  |
| 2.5  | 3.1  | 2.5  | 2.3  | 3.5  | 2.9  | 1.5  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.3  | 0.2  | 0.2  | 0.3  | 0.2  | 0.1  |
| 2.8  | 4.0  | 3.8  | 4.7  | 5.8  | 4.1  | 2.3  |
| 7.9  | 9.2  | 6.7  | 7.5  | 8.0  | 11.4 | 8.3  |
| 11.1 | 11.0 | 11.5 | 10.1 | 12.9 | 12.0 | 12.1 |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.3  | 0.3  | 0.1  | 0.1  | 0.3  | 0.2  | 0.0  |
| 0.8  | 1.1  | 0.6  | 0.6  | 1.1  | 0.6  | 0.1  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.2  |
| 2.0  | 2.5  | 2.0  | 2.1  | 2.8  | 2.1  | 0.3  |
| 0.7  | 0.7  | 1.0  | 0.6  | 0.8  | 0.8  | 1.0  |
| 35.4 | 37.0 | 28.1 | 31.7 | 39.4 | 37.7 | 47.4 |
| 0.0  | 0.1  | 0.3  | 0.0  | 0.1  | 0.1  | 0.0  |
| 6.4  | 11.9 | 11.8 | 12.4 | 12.6 | 12.9 | 10.2 |
| 1.6  | 1.6  | 1.0  | 1.2  | 1.3  | 1.2  | 1.3  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.3  | 0.5  | 0.5  | 0.2  | 0.5  | 0.5  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 3.2  | 2.9  | 2.3  | 1.3  | 2.8  | 2.9  | 2.1  |
| 1.3  | 1.3  | 1.9  | 1.9  | 1.9  | 1.5  | 2.1  |
| 0.1  | 0.1  | 0.2  | 0.2  | 0.4  | 0.3  | 0.0  |
| 2.2  | 2.4  | 1.6  | 1.7  | 2.9  | 2.7  | 1.5  |
| 0.1  | 0.0  | 0.5  | 0.3  | 0.0  | 0.2  | 0.0  |
| 1.2  | 2.1  | 1.5  | 1.7  | 1.9  | 3.5  | 0.5  |
| 0.6  | 0.5  | 1.3  | 1.1  | 0.5  | 1.5  | 0.5  |
| 28.8 | 36.6 | 33.2 | 45.3 | 35.5 | 38.4 | 36.4 |
| 0.2  | 0.2  | 0.8  | 0.5  | 0.3  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  |
| 5.5  | 6.0  | 7.4  | 6.4  | 5.3  | 5.5  | 6.5  |
| 45.0 | 42.5 | 51.4 | 44.3 | 45.6 | 39.7 | 23.4 |
| 12.1 | 15.9 | 7.3  | 7.8  | 10.5 | 15.7 | 5.7  |
| 6.0  | 6.6  | 5.9  | 6.2  | 6.8  | 7.1  | 6.6  |
| 6.2  | 6.8  | 10.6 | 9.2  | 11.2 | 8.2  | 8.5  |
| 25.7 | 36.2 | 33.0 | 39.1 | 26.7 | 28.9 | 34.7 |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  |
| 10.9 | 10.8 | 9.5  | 10.4 | 14.0 | 13.3 | 6.0  |
| 8.5  | 6.9  | 6.5  | 6.8  | 8.7  | 11.2 | 8.6  |
| 0.4  | 0.6  | 0.8  | 0.7  | 0.7  | 0.8  | 0.6  |
| 3.0  | 4.8  | 7.0  | 4.7  | 7.0  | 4.4  | 4.7  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.2  | 0.5  | 0.3  | 0.2  | 0.4  | 0.8  |
| 4.9  | 5.3  | 6.7  | 7.5  | 6.7  | 6.8  | 5.9  |
| 1.2  | 1.2  | 1.7  | 1.6  | 2.1  | 1.6  | 1.1  |
| 6.1  | 5.9  | 6.4  | 9.1  | 5.9  | 3.6  | 2.3  |
| 13.3 | 14.7 | 14.9 | 19.7 | 16.3 | 16.1 | 12.8 |
| 3.4  | 3.5  | 4.6  | 4.1  | 5.1  | 4.6  | 3.1  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.7  | 0.6  | 1.1  | 1.0  | 1.0  | 0.7  | 0.5  |
| 75.8 | 86.6 | 76.1 | 95.3 | 81.5 | 86.5 | 78.3 |
| 12.2 | 15.8 | 20.0 | 17.4 | 16.6 | 18.9 | 17.7 |
| 2.5  | 2.3  | 2.7  | 3.5  | 3.2  | 3.3  | 4.6  |
| 0.2  | 0.1  | 0.2  | 0.6  | 0.2  | 0.2  | 0.0  |
| 0.5  | 0.7  | 1.8  | 1.6  | 0.9  | 1.3  | 0.8  |
| 2.9  | 3.2  | 3.4  | 4.5  | 5.8  | 4.5  | 2.2  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.2  | 0.2  | 0.3  | 0.1  | 0.2  | 0.0  |
| 1.5  | 1.8  | 1.1  | 1.5  | 2.6  | 2.8  | 1.1  |
| 0.7  | 1.2  | 1.6  | 1.6  | 1.3  | 2.0  | 0.1  |
| 6.7  | 8.4  | 5.7  | 5.7  | 9.3  | 9.7  | 5.7  |
| 0.2  | 0.1  | 0.1  | 0.1  | 0.2  | 0.1  | 0.1  |
| 44.1 | 54.4 | 53.1 | 69.0 | 49.4 | 57.1 | 64.5 |
| 2.5  | 3.8  | 3.4  | 3.2  | 4.0  | 4.2  | 2.1  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 5.2  | 4.4  | 7.9  | 6.9  | 7.6  | 6.7  | 6.0  |
| 39.6 | 41.8 | 39.7 | 37.4 | 45.3 | 51.1 | 54.1 |
| 2.0  | 3.3  | 3.1  | 2.8  | 2.5  | 1.9  | 1.1  |
| 7.3  | 7.6  | 6.7  | 6.6  | 8.1  | 9.4  | 9.1  |
| 1.0  | 0.6  | 1.3  | 0.9  | 0.9  | 0.8  | 0.9  |
| 3.6  | 4.1  | 4.1  | 5.0  | 6.0  | 4.0  | 4.0  |
| 1.9  | 2.0  | 1.4  | 1.7  | 2.1  | 2.5  | 2.5  |
| 62.2 | 66.3 | 52.5 | 57.2 | 70.5 | 79.5 | 74.3 |
| 1.3  | 1.6  | 1.5  | 1.7  | 1.6  | 1.8  | 1.6  |
| 1.6  | 3.0  | 5.1  | 4.3  | 2.6  | 5.3  | 1.3  |
| 8.9  | 7.1  | 11.0 | 11.0 | 13.9 | 10.6 | 16.8 |
| 3.4  | 3.6  | 3.2  | 3.1  | 5.4  | 4.5  | 6.7  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 17.8 | 21.3 | 17.7 | 17.3 | 22.4 | 24.8 | 16.0 |
| 4.4  | 4.8  | 2.9  | 2.1  | 6.0  | 4.9  | 1.3  |
| 2.9  | 4.9  | 3.6  | 4.1  | 4.7  | 6.5  | 0.6  |
| 3.7  | 3.5  | 3.2  | 3.9  | 5.9  | 4.6  | 1.2  |
| 1.0  | 1.2  | 1.5  | 1.3  | 2.1  | 1.7  | 0.7  |
| 0.3  | 0.1  | 0.5  | 0.2  | 0.2  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.6  | 1.0  | 1.6  | 1.3  | 0.7  | 1.3  | 0.2  |
| 7.1  | 5.0  | 8.5  | 10.7 | 9.4  | 5.6  | 9.4  |
| 0.0  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.6  | 2.1  | 1.9  | 2.2  | 2.4  | 2.2  | 2.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.2  | 0.1  |
| 0.0  | 0.0  | 0.3  | 0.2  | 0.0  | 0.1  | 0.0  |
| 3.5  | 2.7  | 1.9  | 2.3  | 2.9  | 4.4  | 1.3  |
| 11.8 | 14.6 | 18.6 | 17.7 | 17.4 | 17.2 | 14.6 |
| 2.3  | 3.5  | 3.5  | 3.3  | 3.6  | 3.1  | 1.9  |
| 13.0 | 12.7 | 8.4  | 9.7  | 10.8 | 14.0 | 12.3 |
| 15.6 | 18.0 | 15.8 | 16.1 | 14.9 | 17.1 | 20.6 |
| 7.8  | 9.8  | 8.4  | 8.9  | 11.6 | 6.3  | 1.8  |
| 11.4 | 13.3 | 9.5  | 9.2  | 13.1 | 17.6 | 11.3 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 2.6  | 2.6  | 3.3  | 3.5  | 4.9  | 3.0  | 1.4  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  |
| 2.5  | 3.4  | 3.2  | 3.0  | 4.3  | 4.1  | 0.8  |
| 1.7  | 2.2  | 2.3  | 2.7  | 3.4  | 2.2  | 2.5  |
| 0.2  | 0.2  | 0.6  | 0.4  | 0.3  | 0.7  | 0.1  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.7  | 0.8  | 0.8  | 1.0  | 0.9  | 1.2  | 0.8  |
| 0.2  | 0.2  | 0.2  | 0.2  | 0.2  | 0.2  | 0.0  |
| 0.4  | 0.4  | 0.6  | 0.4  | 0.3  | 0.6  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 3.6  | 4.3  | 4.6  | 5.5  | 3.8  | 3.1  | 5.5  |
| 22.7 | 23.6 | 25.4 | 25.7 | 25.0 | 22.2 | 36.8 |
| 0.8  | 0.5  | 0.9  | 0.8  | 0.9  | 0.7  | 0.7  |
| 1.1  | 1.2  | 1.0  | 0.7  | 1.5  | 1.4  | 0.3  |
| 0.2  | 0.0  | 0.0  | 0.1  | 0.0  | 0.4  | 0.0  |
| 0.1  | 0.4  | 0.8  | 0.7  | 0.3  | 0.6  | 0.1  |
| 6.0  | 7.6  | 7.7  | 8.0  | 10.5 | 6.9  | 9.3  |
| 5.2  | 8.5  | 8.8  | 8.6  | 8.8  | 8.9  | 7.7  |
| 0.4  | 0.4  | 0.6  | 0.5  | 0.3  | 0.5  | 0.2  |
| 1.5  | 1.9  | 2.1  | 2.6  | 2.3  | 2.0  | 3.6  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 5.5  | 4.7  | 8.4  | 9.7  | 7.2  | 5.5  | 5.3  |
| 0.1  | 0.0  | 0.5  | 0.5  | 0.1  | 0.3  | 0.6  |
| 0.8  | 1.6  | 1.6  | 1.3  | 1.7  | 2.2  | 2.8  |
| 1.1  | 1.5  | 0.7  | 0.8  | 0.8  | 1.4  | 2.9  |
| 1.3  | 2.1  | 2.1  | 1.9  | 1.7  | 2.8  | 1.5  |
| 0.2  | 0.2  | 0.6  | 0.4  | 0.2  | 0.6  | 0.2  |
| 0.0  | 0.1  | 0.3  | 0.1  | 0.1  | 0.1  | 0.0  |
| 2.3  | 2.5  | 2.5  | 2.7  | 3.1  | 3.6  | 1.6  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.6  | 0.7  | 0.4  | 0.6  | 0.8  | 0.8  | 0.2  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.4  | 0.7  | 0.6  | 0.8  | 0.6  | 0.6  | 0.5  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.2  | 0.4  | 0.0  | 0.1  | 0.0  |
| 0.2  | 0.2  | 0.6  | 0.3  | 0.2  | 0.1  | 0.7  |
| 1.6  | 2.6  | 2.9  | 3.1  | 2.1  | 3.2  | 0.8  |
| 0.0  | 0.0  | 0.3  | 0.1  | 0.1  | 0.7  | 0.0  |
| 3.3  | 5.6  | 5.8  | 5.4  | 6.4  | 5.7  | 3.6  |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.1  | 0.2  | 0.1  |
| 0.0  | 0.0  | 0.1  | 0.3  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.1  | 0.1  | 0.0  |
| 56.6 | 49.3 | 69.7 | 82.2 | 68.1 | 60.8 | 93.5 |
| 1.3  | 1.2  | 1.0  | 1.1  | 1.7  | 1.6  | 0.2  |
| 0.4  | 0.5  | 0.9  | 1.0  | 0.8  | 0.8  | 0.2  |
| 0.1  | 0.1  | 0.3  | 0.3  | 0.2  | 0.2  | 0.1  |
| 65.3 | 68.0 | 54.6 | 55.3 | 77.7 | 64.2 | 22.9 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.2  | 0.1  | 0.4  | 0.1  | 0.4  | 0.0  |
| 0.5  | 0.5  | 0.8  | 0.9  | 0.9  | 1.7  | 0.3  |
| 0.5  | 0.4  | 0.2  | 0.4  | 0.4  | 0.6  | 0.0  |
| 7.8  | 10.9 | 10.5 | 11.0 | 9.9  | 10.0 | 9.2  |
| 11.9 | 15.9 | 17.2 | 20.1 | 14.3 | 15.0 | 15.6 |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.6  | 0.3  | 0.2  | 0.0  |
| 5.2  | 5.1  | 5.1  | 5.6  | 7.1  | 5.8  | 5.4  |

|        |        |        |        |        |        |       |
|--------|--------|--------|--------|--------|--------|-------|
| 0.6    | 0.8    | 2.0    | 1.8    | 1.1    | 0.9    | 1.3   |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.1    | 0.0   |
| 0.0    | 0.1    | 0.4    | 0.3    | 0.1    | 0.5    | 0.3   |
| 10.0   | 8.6    | 13.0   | 15.1   | 13.2   | 15.2   | 18.3  |
| 0.6    | 0.8    | 1.0    | 1.0    | 0.9    | 1.5    | 1.5   |
| 0.6    | 0.7    | 1.0    | 0.8    | 0.9    | 0.7    | 0.4   |
| 1.3    | 1.4    | 2.6    | 2.0    | 1.6    | 1.3    | 1.1   |
| 143.5  | 134.9  | 157.4  | 148.7  | 150.8  | 138.8  | 137.3 |
| 6.3    | 9.6    | 9.0    | 9.8    | 9.6    | 11.8   | 6.5   |
| 0.1    | 0.0    | 0.1    | 0.1    | 0.1    | 0.0    | 0.0   |
| 6179.7 | 2801.8 | 1940.8 | 1729.4 | 3397.6 | 2111.2 | 160.6 |
| 0.3    | 0.3    | 0.3    | 0.2    | 0.2    | 0.2    | 0.1   |
| 0.6    | 0.9    | 1.1    | 0.9    | 0.3    | 0.8    | 0.5   |
| 0.0    | 0.0    | 0.1    | 0.0    | 0.0    | 0.1    | 0.0   |
| 0.4    | 0.5    | 0.4    | 0.5    | 0.6    | 0.3    | 0.2   |
| 23.2   | 30.0   | 27.1   | 29.0   | 29.2   | 33.1   | 32.2  |
| 0.4    | 0.5    | 1.0    | 1.2    | 1.1    | 1.4    | 0.7   |
| 0.1    | 0.1    | 0.1    | 0.2    | 0.1    | 0.1    | 0.0   |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.1    | 0.0   |
| 0.1    | 0.2    | 0.7    | 1.0    | 0.2    | 0.7    | 0.0   |
| 19.1   | 26.9   | 23.7   | 23.8   | 30.0   | 27.7   | 21.4  |
| 32.7   | 27.7   | 33.3   | 35.3   | 31.8   | 32.9   | 43.1  |
| 18.4   | 18.9   | 17.2   | 17.9   | 30.7   | 19.2   | 10.0  |
| 6.0    | 9.9    | 5.7    | 6.2    | 8.0    | 8.9    | 4.9   |
| 0.0    | 0.1    | 0.0    | 0.2    | 0.6    | 0.6    | 0.0   |
| 0.1    | 0.0    | 0.0    | 0.1    | 0.0    | 0.0    | 0.0   |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   |
| 0.3    | 0.5    | 1.9    | 1.5    | 0.4    | 1.1    | 0.0   |
| 0.1    | 0.1    | 0.2    | 0.0    | 0.0    | 0.0    | 0.0   |
| 9.6    | 12.1   | 12.0   | 20.0   | 15.1   | 16.2   | 18.9  |
| 23.0   | 24.3   | 24.9   | 31.7   | 22.3   | 24.7   | 27.4  |
| 2.4    | 3.3    | 3.0    | 3.0    | 3.7    | 4.6    | 1.6   |
| 4.1    | 6.6    | 6.7    | 6.6    | 5.5    | 7.4    | 7.0   |
| 1.2    | 1.2    | 0.7    | 0.8    | 1.1    | 1.2    | 0.4   |
| 0.8    | 0.8    | 0.4    | 0.5    | 1.1    | 1.1    | 0.4   |
| 0.6    | 0.7    | 0.5    | 0.7    | 0.5    | 0.7    | 0.0   |
| 1.1    | 1.3    | 1.6    | 1.7    | 1.4    | 1.3    | 1.3   |
| 3.4    | 3.4    | 5.1    | 6.2    | 4.6    | 4.8    | 5.7   |
| 0.1    | 0.1    | 0.3    | 0.5    | 0.2    | 0.2    | 0.0   |
| 16.7   | 23.2   | 7.8    | 9.4    | 16.4   | 23.2   | 16.0  |
| 0.3    | 0.3    | 0.1    | 0.7    | 0.2    | 0.6    | 0.0   |
| 23.6   | 22.8   | 17.8   | 17.4   | 30.1   | 26.8   | 7.9   |
| 1.8    | 2.0    | 3.9    | 4.7    | 3.3    | 2.4    | 3.0   |
| 12.6   | 15.8   | 15.4   | 18.5   | 14.1   | 14.3   | 15.5  |
| 0.0    | 0.1    | 0.4    | 0.3    | 0.0    | 0.0    | 0.0   |
| 52.0   | 37.4   | 42.9   | 43.1   | 40.6   | 48.1   | 109.1 |
| 0.4    | 1.0    | 2.4    | 2.0    | 1.4    | 1.4    | 1.6   |



|        |       |       |       |       |       |       |
|--------|-------|-------|-------|-------|-------|-------|
| 0.1    | 0.1   | 0.1   | 0.1   | 0.1   | 0.0   | 0.1   |
| 2.5    | 2.8   | 2.1   | 2.6   | 4.1   | 2.8   | 1.8   |
| 0.0    | 0.0   | 0.0   | 0.5   | 0.0   | 0.3   | 0.0   |
| 1.6    | 1.8   | 1.8   | 1.9   | 1.5   | 2.2   | 0.9   |
| 0.8    | 0.8   | 1.0   | 1.0   | 0.9   | 1.4   | 0.5   |
| 0.0    | 0.0   | 0.1   | 0.1   | 0.0   | 0.2   | 0.0   |
| 1.1    | 1.9   | 3.0   | 3.3   | 2.6   | 3.0   | 2.6   |
| 2.8    | 3.1   | 3.8   | 5.1   | 3.8   | 5.1   | 7.4   |
| 7.3    | 8.2   | 9.4   | 8.7   | 10.5  | 9.0   | 8.2   |
| 0.7    | 0.6   | 0.8   | 0.8   | 1.2   | 0.3   | 0.0   |
| 8.7    | 8.8   | 4.7   | 4.7   | 11.1  | 9.4   | 7.3   |
| 6.2    | 5.6   | 7.7   | 12.2  | 7.9   | 8.5   | 14.7  |
| 8.8    | 7.7   | 9.5   | 10.6  | 9.2   | 10.2  | 15.4  |
| 0.0    | 0.0   | 0.1   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.5    | 0.3   | 0.7   | 0.7   | 0.6   | 0.4   | 0.4   |
| 0.1    | 0.1   | 0.1   | 0.1   | 0.1   | 0.2   | 0.1   |
| 8.8    | 8.5   | 9.5   | 9.9   | 10.8  | 10.3  | 17.3  |
| 0.0    | 0.0   | 0.2   | 0.1   | 0.0   | 0.1   | 0.0   |
| 1.4    | 1.9   | 2.7   | 2.7   | 2.3   | 2.2   | 1.8   |
| 52.9   | 62.8  | 59.1  | 75.6  | 61.5  | 65.9  | 43.5  |
| 0.0    | 0.0   | 0.1   | 0.2   | 0.1   | 0.1   | 0.0   |
| 0.9    | 0.7   | 0.6   | 0.8   | 0.9   | 0.9   | 0.6   |
| 0.0    | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 16.2   | 21.7  | 20.3  | 25.4  | 20.6  | 21.5  | 27.2  |
| 0.1    | 0.4   | 0.5   | 0.5   | 0.3   | 0.5   | 0.5   |
| 10.3   | 13.6  | 11.7  | 13.4  | 11.1  | 13.5  | 12.5  |
| 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.0   |
| 0.1    | 0.2   | 0.3   | 0.2   | 0.4   | 0.2   | 0.4   |
| 5.5    | 3.7   | 4.0   | 6.9   | 3.5   | 7.4   | 4.1   |
| 1.7    | 1.9   | 2.2   | 2.5   | 2.4   | 2.2   | 3.3   |
| 5.9    | 8.3   | 6.3   | 7.7   | 8.3   | 8.4   | 10.1  |
| 14.9   | 17.2  | 20.6  | 22.3  | 17.7  | 15.6  | 19.5  |
| 0.1    | 0.1   | 0.6   | 0.3   | 0.1   | 0.5   | 0.5   |
| 3.2    | 0.0   | 0.0   | 0.0   | 1.4   | 0.0   | 0.0   |
| 105.8  | 129.4 | 109.2 | 126.8 | 111.2 | 104.0 | 131.7 |
| 9.0    | 9.1   | 11.2  | 10.4  | 11.8  | 10.5  | 13.1  |
| 1122.5 | 406.9 | 898.3 | 277.9 | 391.8 | 253.2 | 470.3 |
| 0.0    | 0.1   | 0.7   | 0.8   | 0.1   | 0.0   | 0.0   |
| 4.9    | 4.4   | 3.5   | 4.5   | 6.4   | 5.1   | 5.0   |
| 0.0    | 0.1   | 0.1   | 0.2   | 0.0   | 0.1   | 0.0   |
| 0.2    | 0.0   | 0.1   | 0.4   | 0.0   | 0.0   | 0.0   |
| 0.0    | 0.0   | 0.0   | 0.3   | 0.0   | 0.0   | 0.0   |
| 1.0    | 1.0   | 0.4   | 0.5   | 1.1   | 1.0   | 0.7   |
| 6.0    | 7.9   | 7.1   | 8.9   | 7.4   | 8.2   | 6.4   |
| 0.3    | 0.4   | 0.8   | 0.8   | 0.1   | 1.1   | 0.2   |
| 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0    | 0.0   | 0.5   | 0.2   | 0.0   | 0.0   | 0.0   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.1  | 0.4  | 0.5  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.5  | 0.6  | 0.9  | 0.8  | 1.0  | 0.5  | 0.1  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.0  |
| 21.4 | 25.2 | 20.6 | 18.2 | 27.9 | 18.2 | 9.1  |
| 19.0 | 19.1 | 13.0 | 13.0 | 26.3 | 25.1 | 9.5  |
| 3.3  | 3.2  | 3.4  | 3.7  | 3.0  | 3.6  | 3.4  |
| 15.1 | 16.4 | 15.9 | 19.5 | 20.2 | 19.9 | 20.1 |
| 0.6  | 1.0  | 0.8  | 1.1  | 0.9  | 0.8  | 1.0  |
| 16.6 | 19.4 | 20.8 | 23.8 | 20.5 | 13.9 | 18.1 |
| 0.7  | 0.9  | 0.4  | 0.5  | 0.2  | 0.1  | 0.2  |
| 1.7  | 1.2  | 1.2  | 1.3  | 1.6  | 1.1  | 0.2  |
| 1.6  | 2.2  | 2.3  | 2.4  | 2.2  | 2.4  | 2.1  |
| 0.6  | 0.8  | 0.9  | 0.7  | 1.1  | 1.2  | 0.3  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 4.4  | 5.1  | 5.5  | 5.4  | 6.8  | 5.1  | 6.0  |
| 1.5  | 3.2  | 6.3  | 5.2  | 3.6  | 5.2  | 2.4  |
| 2.1  | 2.9  | 3.4  | 2.8  | 3.5  | 2.4  | 1.5  |
| 0.6  | 0.7  | 1.1  | 1.7  | 0.6  | 1.4  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.1  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.3  | 0.2  | 0.4  | 0.5  | 0.3  | 0.4  |
| 0.0  | 0.1  | 0.1  | 0.3  | 0.3  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  |
| 4.8  | 5.9  | 5.2  | 5.2  | 7.1  | 5.5  | 2.7  |
| 0.4  | 0.2  | 0.2  | 0.3  | 1.0  | 0.9  | 0.0  |
| 0.3  | 1.0  | 1.8  | 1.3  | 0.6  | 1.4  | 0.7  |
| 0.0  | 0.1  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.2  | 0.3  | 1.5  | 0.9  | 0.1  | 0.8  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.4  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.3  | 0.1  | 0.1  | 0.0  |
| 0.1  | 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.4  | 0.6  | 0.7  | 0.8  | 0.9  | 0.7  | 0.7  |
| 1.4  | 1.3  | 1.6  | 1.5  | 2.4  | 1.5  | 2.1  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.3  | 0.1  | 0.0  | 0.0  |
| 0.6  | 0.4  | 1.7  | 2.3  | 1.8  | 4.8  | 0.0  |
| 0.5  | 1.3  | 2.6  | 2.6  | 0.8  | 1.0  | 2.5  |
| 20.2 | 21.6 | 12.6 | 13.4 | 24.5 | 20.6 | 10.6 |
| 0.0  | 0.0  | 0.3  | 0.0  | 0.1  | 0.0  | 0.0  |
| 2.5  | 3.7  | 2.4  | 2.8  | 3.3  | 2.0  | 1.9  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.1  | 0.0  | 0.0  | 0.5  | 0.0  | 0.0  | 0.0  |
| 1.2  | 1.5  | 1.6  | 1.8  | 1.8  | 1.6  | 2.5  |
| 0.5  | 0.1  | 0.2  | 0.5  | 0.3  | 0.4  | 0.4  |
| 0.2  | 0.3  | 0.9  | 0.5  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.0  | 0.2  | 0.0  | 0.0  |
| 4.6  | 5.5  | 4.7  | 5.3  | 3.9  | 4.4  | 4.5  |
| 4.1  | 5.5  | 7.6  | 7.9  | 8.2  | 5.3  | 2.1  |
| 0.0  | 0.0  | 0.4  | 0.2  | 0.0  | 0.2  | 0.0  |
| 0.2  | 0.8  | 1.8  | 1.2  | 0.4  | 1.5  | 0.1  |
| 12.6 | 11.7 | 12.7 | 14.4 | 11.3 | 11.9 | 14.6 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.2  | 1.8  | 3.4  | 3.3  | 1.7  | 3.0  | 1.4  |
| 0.1  | 0.1  | 0.1  | 0.2  | 0.1  | 0.2  | 0.2  |
| 0.7  | 0.6  | 1.1  | 0.8  | 0.9  | 0.6  | 0.0  |
| 1.5  | 1.3  | 1.9  | 2.4  | 2.0  | 1.4  | 0.0  |
| 2.2  | 2.3  | 2.3  | 2.5  | 2.7  | 2.3  | 2.3  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.7  | 0.9  | 0.8  | 0.7  | 1.1  | 1.1  | 0.4  |
| 3.6  | 3.8  | 4.1  | 3.6  | 5.2  | 3.6  | 1.6  |
| 0.2  | 0.7  | 1.3  | 1.1  | 0.5  | 1.1  | 0.5  |
| 2.8  | 2.9  | 2.3  | 1.8  | 5.0  | 1.9  | 0.8  |
| 0.8  | 1.1  | 1.3  | 1.5  | 1.5  | 1.1  | 0.2  |
| 0.6  | 1.3  | 1.2  | 0.9  | 0.5  | 1.2  | 3.1  |
| 1.5  | 1.6  | 1.7  | 1.5  | 2.3  | 1.5  | 0.4  |
| 0.1  | 0.1  | 0.4  | 0.3  | 0.0  | 0.0  | 0.0  |
| 5.6  | 7.5  | 7.2  | 8.0  | 8.9  | 7.3  | 6.7  |
| 0.4  | 0.3  | 1.0  | 0.7  | 0.6  | 0.7  | 0.2  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.1  | 0.0  | 0.4  |
| 0.4  | 0.4  | 0.3  | 0.3  | 0.3  | 0.5  | 0.4  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.0  |
| 3.2  | 3.9  | 4.5  | 4.8  | 5.6  | 5.3  | 4.6  |
| 2.6  | 3.0  | 2.3  | 2.0  | 2.8  | 4.1  | 3.7  |
| 0.0  | 0.2  | 0.2  | 0.1  | 0.0  | 0.1  | 0.0  |
| 1.0  | 0.0  | 2.9  | 0.0  | 1.6  | 0.0  | 0.0  |
| 3.3  | 3.3  | 4.1  | 4.8  | 3.8  | 3.6  | 4.1  |
| 2.7  | 3.7  | 3.8  | 3.8  | 4.0  | 3.8  | 3.0  |
| 2.9  | 2.8  | 2.6  | 3.4  | 3.0  | 3.6  | 2.3  |
| 0.0  | 0.2  | 0.5  | 0.3  | 0.1  | 0.3  | 0.0  |
| 1.7  | 2.0  | 1.8  | 1.2  | 1.1  | 1.6  | 0.0  |
| 0.0  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.2  | 0.3  | 0.2  | 0.2  | 0.5  | 0.5  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 22.1 | 24.5 | 25.6 | 27.2 | 25.9 | 20.9 | 26.7 |
| 0.0  | 0.1  | 0.4  | 0.2  | 0.1  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.7  | 1.1  | 1.3  | 0.6  | 1.4  | 0.0  |

|       |        |       |        |       |       |        |
|-------|--------|-------|--------|-------|-------|--------|
| 6.1   | 7.3    | 7.4   | 9.0    | 6.1   | 6.0   | 6.9    |
| 0.8   | 1.2    | 1.0   | 1.1    | 1.3   | 1.3   | 1.2    |
| 0.1   | 0.1    | 0.7   | 0.5    | 0.0   | 1.0   | 0.7    |
| 1.4   | 1.2    | 0.9   | 2.8    | 1.4   | 3.0   | 0.0    |
| 0.0   | 0.3    | 0.4   | 0.5    | 0.0   | 0.3   | 0.0    |
| 5.7   | 7.0    | 13.1  | 13.5   | 9.8   | 11.5  | 4.2    |
| 0.0   | 0.3    | 0.1   | 0.0    | 0.0   | 0.5   | 0.0    |
| 0.0   | 0.0    | 0.2   | 0.0    | 0.0   | 0.0   | 0.0    |
| 0.3   | 1.4    | 2.2   | 1.8    | 1.1   | 1.4   | 0.7    |
| 0.2   | 0.0    | 0.0   | 0.2    | 0.2   | 0.1   | 0.6    |
| 1.2   | 0.9    | 1.4   | 1.3    | 3.1   | 1.0   | 2.1    |
| 0.1   | 0.0    | 0.0   | 0.0    | 0.3   | 0.0   | 0.0    |
| 0.3   | 0.8    | 0.7   | 1.2    | 0.8   | 0.8   | 0.6    |
| 0.1   | 0.2    | 0.0   | 0.0    | 0.3   | 0.0   | 0.0    |
| 0.5   | 1.7    | 2.4   | 2.6    | 1.2   | 2.4   | 0.7    |
| 2.3   | 2.8    | 2.2   | 2.2    | 1.8   | 2.5   | 1.5    |
| 0.3   | 0.4    | 0.1   | 0.4    | 0.8   | 0.8   | 0.0    |
| 0.4   | 0.1    | 0.0   | 0.2    | 0.5   | 1.5   | 0.0    |
| 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0   | 0.0    |
| 0.1   | 0.0    | 0.4   | 0.3    | 0.0   | 0.0   | 0.0    |
| 0.0   | 0.2    | 0.2   | 0.1    | 0.1   | 0.2   | 0.0    |
| 0.0   | 0.0    | 0.6   | 0.0    | 0.2   | 0.0   | 0.0    |
| 0.0   | 0.0    | 1.2   | 0.0    | 0.0   | 0.0   | 0.0    |
| 0.2   | 0.1    | 0.2   | 0.3    | 0.0   | 0.0   | 0.0    |
| 1.9   | 3.3    | 4.8   | 4.7    | 3.7   | 4.4   | 1.1    |
| 835.8 | 1828.7 | 743.7 | 2167.2 | 957.4 | 789.7 | 1774.5 |
| 0.0   | 0.0    | 0.1   | 0.1    | 0.1   | 0.1   | 0.0    |
| 0.0   | 0.0    | 0.1   | 0.1    | 0.0   | 0.1   | 0.0    |
| 2.0   | 4.6    | 3.5   | 5.2    | 2.3   | 2.3   | 1.4    |
| 1.1   | 1.6    | 1.8   | 2.0    | 1.8   | 2.6   | 2.8    |
| 0.1   | 0.0    | 0.1   | 0.0    | 0.0   | 0.0   | 0.0    |
| 0.2   | 0.2    | 0.6   | 0.4    | 0.4   | 0.4   | 0.4    |
| 0.2   | 0.1    | 1.0   | 0.3    | 0.3   | 1.3   | 0.0    |
| 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0   | 0.0    |
| 2.7   | 3.6    | 4.4   | 5.1    | 4.0   | 6.6   | 1.5    |
| 2.3   | 3.1    | 3.0   | 3.4    | 2.6   | 3.0   | 2.4    |
| 0.1   | 0.1    | 0.0   | 0.1    | 0.0   | 0.1   | 0.0    |
| 0.3   | 0.1    | 0.5   | 0.7    | 0.6   | 0.4   | 0.0    |
| 0.0   | 0.0    | 0.1   | 0.1    | 0.5   | 0.1   | 0.0    |
| 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0   | 0.0    |
| 0.1   | 0.2    | 0.3   | 0.2    | 0.1   | 0.1   | 0.1    |
| 2.3   | 4.4    | 2.1   | 1.9    | 2.9   | 2.3   | 1.4    |
| 0.1   | 0.2    | 0.6   | 0.7    | 0.3   | 0.6   | 0.1    |
| 1.0   | 1.4    | 1.5   | 1.5    | 1.9   | 1.7   | 0.7    |
| 0.4   | 0.8    | 2.4   | 1.5    | 0.8   | 1.5   | 0.0    |
| 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0   | 0.0    |
| 0.0   | 0.0    | 0.2   | 0.1    | 0.1   | 0.3   | 0.0    |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 1.0  | 0.2  | 0.0  | 0.5  | 0.4  | 1.0  | 0.0  |
| 7.8  | 8.0  | 7.6  | 7.8  | 9.0  | 9.4  | 5.4  |
| 0.3  | 1.0  | 1.0  | 0.9  | 1.0  | 1.0  | 0.6  |
| 4.5  | 2.0  | 4.7  | 3.8  | 5.2  | 4.5  | 3.5  |
| 0.5  | 0.6  | 0.9  | 1.0  | 0.7  | 0.7  | 0.3  |
| 0.1  | 0.1  | 0.5  | 0.5  | 0.0  | 0.0  | 0.0  |
| 8.5  | 9.2  | 12.1 | 11.2 | 10.3 | 12.4 | 16.8 |
| 0.8  | 0.6  | 0.9  | 1.2  | 0.5  | 0.7  | 1.2  |
| 1.9  | 2.3  | 2.4  | 2.3  | 2.4  | 2.8  | 2.1  |
| 8.4  | 8.9  | 10.0 | 13.0 | 9.9  | 9.2  | 10.5 |
| 1.3  | 2.8  | 1.9  | 1.9  | 2.5  | 2.8  | 1.2  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.4  | 0.2  | 0.2  | 0.0  | 0.0  |
| 1.4  | 1.7  | 1.0  | 0.8  | 1.5  | 1.6  | 1.0  |
| 10.8 | 14.9 | 12.0 | 15.8 | 12.5 | 12.6 | 16.1 |
| 0.3  | 0.4  | 0.2  | 0.6  | 0.3  | 0.6  | 1.1  |
| 21.2 | 19.5 | 18.9 | 22.7 | 20.9 | 21.6 | 25.4 |
| 2.7  | 2.6  | 1.7  | 2.0  | 4.0  | 4.6  | 0.0  |
| 3.7  | 3.7  | 2.3  | 3.0  | 3.8  | 5.9  | 3.9  |
| 0.7  | 0.7  | 1.0  | 0.8  | 0.9  | 1.6  | 0.0  |
| 4.3  | 4.6  | 3.1  | 3.1  | 4.5  | 3.5  | 2.3  |
| 0.9  | 1.0  | 1.1  | 1.2  | 1.2  | 1.3  | 0.7  |
| 2.5  | 2.7  | 3.3  | 3.1  | 3.0  | 3.0  | 1.0  |
| 0.7  | 0.6  | 0.7  | 0.7  | 0.6  | 0.9  | 0.6  |
| 0.7  | 1.3  | 2.0  | 2.0  | 0.9  | 0.9  | 0.4  |
| 0.6  | 1.3  | 2.6  | 2.4  | 1.2  | 2.4  | 1.4  |
| 0.1  | 0.0  | 0.8  | 0.7  | 0.1  | 0.3  | 0.0  |
| 0.3  | 0.3  | 1.2  | 1.0  | 0.4  | 0.3  | 0.0  |
| 1.3  | 2.4  | 2.6  | 2.4  | 2.4  | 3.6  | 1.6  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.1  | 1.3  | 2.8  | 2.0  | 2.5  | 1.5  | 0.2  |
| 0.4  | 0.5  | 1.1  | 0.8  | 0.5  | 1.0  | 0.7  |
| 0.1  | 0.1  | 0.3  | 0.2  | 0.0  | 0.1  | 0.1  |
| 0.0  | 0.1  | 0.4  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.1  | 0.1  | 0.5  | 0.0  |
| 0.2  | 0.0  | 1.0  | 0.4  | 0.0  | 0.3  | 0.0  |
| 2.1  | 2.8  | 2.6  | 2.3  | 3.2  | 3.6  | 2.1  |
| 0.5  | 0.5  | 0.7  | 0.7  | 1.4  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.8  | 2.5  | 1.7  | 1.7  | 2.4  | 2.3  | 1.5  |
| 0.3  | 0.1  | 0.2  | 0.4  | 0.5  | 0.4  | 0.0  |
| 10.3 | 14.7 | 11.6 | 12.2 | 11.0 | 17.8 | 18.6 |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.1  | 0.0  | 0.0  |
| 6.0  | 5.3  | 5.8  | 6.6  | 4.5  | 5.8  | 3.3  |
| 0.1  | 0.3  | 0.0  | 0.0  | 0.6  | 0.0  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 31.3 | 36.8 | 30.4 | 26.7 | 41.4 | 41.8 | 16.0 |
| 1.9  | 2.6  | 3.0  | 3.2  | 3.5  | 2.1  | 2.8  |
| 7.0  | 6.9  | 6.4  | 7.5  | 7.9  | 8.0  | 11.0 |
| 0.0  | 0.1  | 0.2  | 0.4  | 0.2  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.7  | 0.5  | 0.2  | 0.3  | 0.3  |
| 0.2  | 0.1  | 0.3  | 0.7  | 0.2  | 0.7  | 0.0  |
| 0.1  | 0.0  | 0.5  | 0.0  | 0.4  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.2  | 0.2  | 0.2  | 0.1  | 0.4  | 0.1  |
| 5.1  | 5.2  | 7.1  | 6.6  | 5.5  | 5.1  | 6.5  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.2  | 0.1  | 0.5  | 0.3  | 0.3  | 0.0  | 0.0  |
| 3.1  | 3.2  | 3.8  | 3.8  | 3.5  | 3.2  | 4.2  |
| 11.6 | 12.0 | 14.9 | 15.1 | 13.5 | 13.6 | 15.8 |
| 0.6  | 0.7  | 0.6  | 0.6  | 0.6  | 1.2  | 0.6  |
| 4.8  | 6.8  | 3.4  | 4.8  | 3.8  | 5.6  | 5.6  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 6.2  | 6.2  | 5.5  | 5.6  | 9.1  | 7.0  | 4.7  |
| 15.3 | 14.8 | 18.1 | 20.9 | 17.9 | 16.7 | 18.8 |
| 0.1  | 0.3  | 0.5  | 0.5  | 0.2  | 0.5  | 0.1  |
| 1.9  | 2.6  | 1.9  | 1.8  | 2.5  | 3.1  | 3.1  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 4.1  | 5.5  | 5.8  | 6.5  | 6.3  | 4.9  | 4.5  |
| 0.7  | 0.6  | 0.9  | 0.9  | 1.0  | 0.8  | 0.4  |
| 0.1  | 0.2  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.4  | 0.8  | 0.8  | 0.3  | 0.6  | 0.3  |
| 0.8  | 0.5  | 0.6  | 0.5  | 1.2  | 0.6  | 0.2  |
| 2.0  | 2.4  | 2.1  | 3.5  | 2.7  | 2.5  | 3.0  |
| 1.5  | 1.4  | 1.0  | 1.3  | 1.2  | 1.7  | 0.4  |
| 4.9  | 4.1  | 4.3  | 5.0  | 5.1  | 6.4  | 1.2  |
| 3.1  | 4.1  | 4.6  | 5.0  | 5.6  | 3.7  | 6.0  |
| 11.3 | 14.3 | 9.6  | 9.3  | 13.4 | 11.0 | 4.1  |
| 5.0  | 6.1  | 8.1  | 6.5  | 7.3  | 5.9  | 13.0 |
| 3.3  | 3.3  | 4.6  | 5.0  | 4.5  | 4.3  | 2.9  |
| 39.6 | 43.3 | 32.6 | 33.5 | 44.3 | 46.7 | 31.0 |
| 0.1  | 0.3  | 0.3  | 0.6  | 0.3  | 0.8  | 0.0  |
| 0.7  | 0.5  | 0.7  | 0.5  | 0.7  | 1.5  | 0.7  |
| 0.3  | 0.4  | 0.4  | 0.6  | 0.3  | 0.4  | 0.6  |
| 2.4  | 2.5  | 1.9  | 2.4  | 2.9  | 2.4  | 1.7  |
| 4.4  | 5.4  | 5.4  | 5.8  | 7.8  | 7.2  | 2.6  |
| 2.1  | 2.8  | 2.3  | 2.5  | 3.7  | 2.1  | 1.4  |
| 0.1  | 0.1  | 0.2  | 0.2  | 0.1  | 0.3  | 0.0  |
| 0.9  | 1.0  | 1.2  | 0.8  | 1.5  | 1.3  | 1.2  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.8  | 0.7  | 5.2  | 2.9  | 0.5  | 3.2  | 0.0  |
| 0.3  | 0.2  | 0.1  | 0.2  | 0.1  | 0.3  | 0.2  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 4.4  | 4.4  | 6.6  | 4.6  | 5.0  | 7.0  | 3.5  |
| 0.1  | 0.1  | 0.4  | 0.5  | 0.1  | 0.0  | 0.0  |
| 4.3  | 4.3  | 3.5  | 3.8  | 5.3  | 5.5  | 1.8  |
| 2.0  | 1.9  | 1.8  | 1.2  | 2.4  | 1.9  | 1.4  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.4  | 0.1  | 0.3  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.2  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 5.2  | 6.0  | 5.3  | 5.1  | 6.1  | 5.6  | 2.7  |
| 2.6  | 3.4  | 3.6  | 3.3  | 2.8  | 4.0  | 3.2  |
| 24.0 | 25.2 | 22.5 | 21.0 | 31.5 | 25.8 | 13.6 |
| 5.4  | 5.8  | 8.1  | 10.7 | 8.0  | 7.0  | 9.0  |
| 2.0  | 3.5  | 4.5  | 5.6  | 2.7  | 5.4  | 1.3  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.2  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 1.8  | 1.9  | 1.9  | 1.8  | 2.1  | 2.7  | 0.4  |
| 31.4 | 34.4 | 31.1 | 43.5 | 32.5 | 36.2 | 59.1 |
| 1.3  | 1.7  | 1.4  | 0.9  | 1.9  | 1.4  | 0.3  |
| 1.0  | 1.1  | 1.6  | 2.5  | 0.9  | 0.7  | 2.5  |
| 20.2 | 25.5 | 26.8 | 35.8 | 21.8 | 27.0 | 29.1 |
| 4.5  | 4.0  | 4.7  | 4.0  | 5.5  | 4.4  | 5.8  |
| 25.6 | 25.9 | 24.4 | 28.9 | 32.2 | 34.3 | 23.5 |
| 0.1  | 0.0  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 2.8  | 3.3  | 2.6  | 3.0  | 4.4  | 2.9  | 1.7  |
| 2.5  | 3.3  | 4.8  | 4.2  | 4.5  | 3.6  | 1.7  |
| 2.2  | 2.4  | 3.3  | 3.1  | 2.5  | 2.2  | 1.1  |
| 0.3  | 0.6  | 0.6  | 1.0  | 0.6  | 0.7  | 0.0  |
| 3.9  | 4.6  | 5.0  | 4.9  | 4.4  | 5.8  | 12.8 |
| 0.0  | 0.0  | 0.2  | 0.3  | 0.0  | 0.5  | 0.0  |
| 1.8  | 3.4  | 1.9  | 1.2  | 3.4  | 4.0  | 1.1  |
| 0.0  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3.4  | 4.4  | 4.7  | 6.2  | 4.9  | 4.7  | 3.7  |
| 1.5  | 2.2  | 1.8  | 1.9  | 2.5  | 2.2  | 0.8  |
| 0.0  | 0.0  | 0.8  | 0.4  | 0.5  | 0.2  | 0.0  |
| 0.1  | 0.0  | 0.0  | 0.1  | 0.0  | 0.3  | 0.0  |
| 0.3  | 0.3  | 0.6  | 0.6  | 0.7  | 0.4  | 0.2  |
| 5.1  | 6.7  | 4.3  | 4.1  | 5.2  | 7.7  | 3.8  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.1  | 1.5  | 1.8  | 2.2  | 1.6  | 1.6  | 1.0  |
| 0.1  | 0.1  | 0.9  | 0.8  | 0.3  | 0.4  | 0.0  |
| 0.3  | 0.5  | 1.0  | 0.9  | 0.6  | 0.7  | 0.0  |
| 3.5  | 4.0  | 3.3  | 3.6  | 3.6  | 3.8  | 3.3  |
| 2.4  | 3.2  | 3.2  | 2.9  | 4.0  | 3.4  | 0.8  |
| 0.0  | 0.2  | 0.7  | 1.2  | 0.2  | 0.3  | 0.0  |
| 0.3  | 0.3  | 0.4  | 0.4  | 0.3  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| 2.8    | 3.5    | 3.3    | 3.3    | 4.1    | 3.8    | 0.8    |
| 0.0    | 0.0    | 0.8    | 0.0    | 0.0    | 0.0    | 0.0    |
| 2.1    | 2.4    | 2.0    | 2.5    | 1.9    | 1.5    | 2.0    |
| 0.6    | 0.9    | 0.8    | 0.6    | 0.6    | 0.4    | 0.5    |
| 0.1    | 0.1    | 0.2    | 0.2    | 0.2    | 0.0    | 0.0    |
| 4.5    | 4.9    | 2.9    | 3.1    | 6.3    | 6.9    | 4.1    |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 18.8   | 17.8   | 21.7   | 22.6   | 24.6   | 17.2   | 13.5   |
| 0.0    | 0.0    | 0.0    | 0.1    | 0.1    | 0.0    | 0.0    |
| 10.6   | 13.7   | 13.6   | 13.9   | 13.0   | 14.4   | 9.5    |
| 5.9    | 5.8    | 8.4    | 9.0    | 4.5    | 6.4    | 4.1    |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 1.1    | 1.2    | 1.3    | 1.1    | 1.4    | 1.4    | 0.0    |
| 11.2   | 13.1   | 15.2   | 14.7   | 13.5   | 11.5   | 5.1    |
| 11.2   | 14.5   | 18.1   | 19.9   | 17.2   | 20.3   | 16.3   |
| 1.8    | 2.9    | 0.9    | 1.7    | 2.2    | 3.1    | 1.3    |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 0.1    | 0.2    | 0.0    | 0.5    | 0.0    | 0.0    | 0.0    |
| 0.9    | 1.3    | 2.1    | 2.2    | 1.2    | 2.2    | 0.3    |
| 115.7  | 105.9  | 93.8   | 85.3   | 127.7  | 123.4  | 63.2   |
| 0.0    | 0.1    | 0.0    | 0.0    | 0.0    | 0.1    | 0.0    |
| 1.1    | 1.5    | 2.2    | 2.3    | 1.9    | 1.7    | 1.3    |
| 0.1    | 0.1    | 0.1    | 0.1    | 0.2    | 0.1    | 0.3    |
| 0.0    | 0.0    | 0.1    | 0.1    | 0.0    | 0.1    | 0.0    |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.1    | 0.0    |
| 0.0    | 0.0    | 0.0    | 0.1    | 0.1    | 0.0    | 0.0    |
| 1.2    | 2.9    | 3.1    | 2.8    | 4.5    | 3.0    | 1.8    |
| 10.0   | 8.7    | 10.9   | 13.1   | 11.3   | 11.7   | 8.8    |
| 0.0    | 0.0    | 0.4    | 0.3    | 0.1    | 0.4    | 0.0    |
| 1.0    | 0.9    | 1.5    | 1.7    | 1.5    | 0.7    | 1.8    |
| 0.0    | 0.4    | 1.3    | 1.5    | 0.5    | 0.4    | 0.0    |
| 0.3    | 0.5    | 1.4    | 0.8    | 1.9    | 2.1    | 0.0    |
| 0.0    | 0.0    | 0.1    | 0.0    | 0.0    | 0.1    | 0.0    |
| 0.4    | 0.9    | 1.8    | 0.6    | 1.1    | 0.5    | 0.0    |
| 0.1    | 0.4    | 0.1    | 0.2    | 0.3    | 1.0    | 0.0    |
| 0.0    | 0.1    | 0.4    | 0.2    | 0.1    | 0.0    | 0.0    |
| 1.2    | 0.8    | 0.9    | 1.4    | 1.3    | 1.3    | 0.9    |
| 1260.6 | 1205.9 | 1180.3 | 1310.5 | 1127.2 | 1045.8 | 1637.0 |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.2    | 0.1    | 0.0    |
| 278.3  | 345.7  | 341.3  | 352.8  | 320.3  | 286.4  | 284.1  |
| 0.7    | 0.3    | 0.0    | 0.6    | 0.4    | 0.0    | 0.0    |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 0.0    | 0.2    | 0.4    | 0.0    | 0.0    | 0.0    | 0.0    |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.1    | 0.0    |
| 0.1    | 0.0    | 0.2    | 0.2    | 0.2    | 0.2    | 0.0    |
| 5.3    | 8.9    | 8.8    | 10.4   | 7.9    | 8.7    | 11.6   |
| 11.9   | 11.0   | 11.3   | 12.9   | 11.1   | 13.2   | 21.8   |



|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 5.9  | 7.4  | 5.7  | 5.8  | 7.8  | 7.1  | 3.8  |
| 11.4 | 13.0 | 15.5 | 20.3 | 15.2 | 13.2 | 16.0 |
| 0.0  | 0.0  | 0.5  | 0.2  | 0.0  | 0.0  | 0.0  |
| 1.5  | 1.0  | 1.3  | 1.1  | 1.0  | 1.0  | 1.1  |
| 0.7  | 0.6  | 1.1  | 0.8  | 0.7  | 0.7  | 1.4  |
| 0.0  | 0.1  | 0.4  | 0.2  | 0.0  | 0.2  | 0.0  |
| 1.1  | 1.0  | 1.0  | 1.0  | 1.5  | 1.9  | 1.6  |
| 17.3 | 20.2 | 20.3 | 24.1 | 19.6 | 19.8 | 28.2 |
| 2.1  | 3.1  | 4.1  | 3.4  | 3.8  | 3.9  | 1.7  |
| 47.5 | 77.1 | 72.1 | 80.8 | 71.4 | 75.8 | 87.6 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.0  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.9  | 1.9  | 7.4  | 7.6  | 3.4  | 3.6  | 0.1  |
| 2.9  | 3.3  | 3.8  | 4.5  | 4.2  | 3.5  | 4.5  |
| 48.4 | 43.2 | 70.1 | 76.2 | 72.4 | 60.3 | 65.4 |
| 0.6  | 0.8  | 0.9  | 1.5  | 0.4  | 0.9  | 0.6  |
| 0.1  | 0.1  | 0.2  | 0.3  | 0.1  | 0.2  | 0.1  |
| 0.3  | 0.2  | 0.3  | 0.0  | 0.6  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.4  | 0.1  | 0.1  | 0.0  |
| 2.7  | 4.8  | 6.3  | 5.0  | 4.5  | 5.6  | 3.6  |
| 0.0  | 0.2  | 0.2  | 0.9  | 0.4  | 0.2  | 0.0  |
| 0.3  | 0.1  | 1.1  | 1.5  | 0.2  | 0.2  | 0.0  |
| 0.1  | 0.3  | 1.3  | 0.5  | 0.1  | 0.8  | 0.0  |
| 0.3  | 0.3  | 3.3  | 0.7  | 0.5  | 1.2  | 0.0  |
| 0.1  | 0.3  | 1.3  | 0.8  | 0.3  | 0.2  | 0.0  |
| 3.8  | 3.4  | 3.9  | 4.8  | 5.8  | 4.5  | 2.0  |
| 8.8  | 14.4 | 14.0 | 16.5 | 12.0 | 14.2 | 11.8 |
| 4.7  | 5.0  | 4.9  | 5.1  | 6.4  | 5.8  | 3.5  |
| 0.9  | 1.0  | 0.9  | 1.0  | 1.6  | 0.8  | 0.5  |
| 0.3  | 0.3  | 1.5  | 1.3  | 0.1  | 0.2  | 0.0  |
| 0.1  | 0.2  | 1.1  | 1.2  | 0.2  | 0.2  | 0.0  |
| 0.2  | 0.3  | 1.8  | 0.6  | 1.1  | 0.4  | 0.0  |
| 0.0  | 0.2  | 1.1  | 0.8  | 0.4  | 0.8  | 0.0  |
| 29.4 | 38.6 | 36.9 | 43.3 | 36.8 | 33.6 | 37.1 |
| 0.0  | 0.4  | 0.2  | 0.2  | 0.0  | 0.7  | 0.0  |
| 0.2  | 0.1  | 1.1  | 0.8  | 0.0  | 0.1  | 0.0  |
| 5.6  | 8.8  | 10.3 | 9.6  | 9.1  | 7.5  | 6.2  |
| 2.4  | 3.2  | 3.4  | 3.1  | 3.2  | 2.5  | 2.8  |
| 0.2  | 0.3  | 0.2  | 0.2  | 0.3  | 0.2  | 0.1  |
| 0.3  | 0.2  | 1.4  | 1.3  | 0.1  | 0.6  | 0.0  |
| 0.0  | 0.1  | 0.4  | 0.7  | 0.2  | 0.1  | 0.0  |
| 0.2  | 0.1  | 0.6  | 0.7  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.2  | 0.3  | 0.4  | 0.1  | 0.3  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.3  | 0.5  | 0.5  | 0.3  | 0.2  | 0.0  |

|      |       |       |      |      |       |      |
|------|-------|-------|------|------|-------|------|
| 0.0  | 0.0   | 0.2   | 0.2  | 0.5  | 0.2   | 0.0  |
| 0.0  | 0.1   | 0.5   | 0.4  | 0.0  | 0.0   | 0.0  |
| 1.2  | 1.5   | 2.9   | 2.6  | 1.0  | 2.4   | 1.2  |
| 9.1  | 12.5  | 8.9   | 8.7  | 10.6 | 11.9  | 13.5 |
| 2.3  | 2.7   | 2.5   | 2.7  | 2.9  | 2.9   | 2.9  |
| 0.1  | 0.0   | 0.0   | 1.0  | 0.0  | 0.0   | 0.0  |
| 0.1  | 0.3   | 2.8   | 0.7  | 0.4  | 0.6   | 0.0  |
| 6.4  | 7.7   | 8.3   | 10.1 | 8.1  | 8.3   | 5.8  |
| 5.0  | 4.8   | 4.5   | 4.0  | 4.5  | 5.9   | 4.0  |
| 2.2  | 1.9   | 1.2   | 1.3  | 2.4  | 2.9   | 2.0  |
| 5.6  | 7.5   | 9.1   | 8.7  | 8.0  | 9.8   | 7.3  |
| 0.1  | 0.0   | 0.2   | 0.2  | 0.4  | 0.0   | 0.0  |
| 7.8  | 7.6   | 9.3   | 10.6 | 9.8  | 9.7   | 10.9 |
| 29.3 | 35.9  | 26.4  | 29.1 | 40.5 | 35.3  | 8.1  |
| 20.1 | 28.0  | 24.7  | 23.8 | 32.7 | 25.9  | 13.6 |
| 0.0  | 0.0   | 0.0   | 0.0  | 0.0  | 0.0   | 0.0  |
| 0.1  | 0.1   | 0.7   | 0.3  | 0.4  | 0.0   | 0.0  |
| 2.6  | 1.6   | 2.9   | 3.3  | 4.0  | 3.6   | 1.6  |
| 2.0  | 2.8   | 2.5   | 2.2  | 2.9  | 2.9   | 3.1  |
| 1.1  | 1.0   | 1.0   | 1.6  | 1.4  | 1.2   | 2.1  |
| 6.1  | 4.9   | 3.1   | 4.5  | 8.7  | 8.7   | 0.9  |
| 1.4  | 1.8   | 1.7   | 1.7  | 1.8  | 3.0   | 2.4  |
| 1.5  | 2.0   | 2.5   | 2.3  | 1.7  | 2.5   | 1.6  |
| 4.2  | 4.6   | 4.1   | 4.8  | 6.0  | 4.9   | 3.8  |
| 0.3  | 0.2   | 2.8   | 1.4  | 0.3  | 0.6   | 0.0  |
| 0.4  | 0.4   | 0.8   | 1.0  | 0.4  | 0.6   | 0.9  |
| 1.5  | 1.2   | 1.8   | 1.6  | 1.8  | 1.9   | 2.0  |
| 0.1  | 0.2   | 0.3   | 0.2  | 16.8 | 0.4   | 0.0  |
| 2.0  | 2.9   | 3.5   | 3.1  | 3.1  | 0.9   | 2.2  |
| 1.3  | 1.8   | 1.9   | 1.7  | 1.6  | 1.4   | 1.4  |
| 0.0  | 0.0   | 0.1   | 0.1  | 0.0  | 0.0   | 0.0  |
| 0.1  | 0.2   | 0.5   | 0.4  | 0.2  | 0.1   | 1.0  |
| 0.1  | 0.1   | 0.3   | 0.7  | 0.3  | 0.3   | 0.0  |
| 1.8  | 1.8   | 2.7   | 3.0  | 3.0  | 3.0   | 2.2  |
| 0.0  | 0.0   | 0.0   | 0.0  | 0.0  | 0.3   | 0.0  |
| 0.2  | 0.4   | 1.6   | 0.9  | 0.4  | 1.7   | 0.2  |
| 0.9  | 0.5   | 2.3   | 0.9  | 0.9  | 1.8   | 0.6  |
| 0.0  | 0.5   | 0.0   | 0.3  | 0.0  | 0.0   | 0.0  |
| 0.0  | 0.1   | 0.0   | 0.0  | 0.0  | 0.3   | 0.0  |
| 20.2 | 23.2  | 21.9  | 20.8 | 19.7 | 24.8  | 17.7 |
| 21.1 | 24.8  | 25.1  | 21.1 | 24.6 | 24.8  | 16.2 |
| 2.9  | 3.7   | 4.2   | 4.8  | 4.2  | 3.9   | 4.1  |
| 6.6  | 8.3   | 5.8   | 6.1  | 8.3  | 12.5  | 4.0  |
| 9.2  | 9.9   | 7.0   | 6.8  | 8.8  | 12.9  | 8.5  |
| 3.7  | 5.5   | 4.6   | 3.9  | 4.5  | 6.3   | 4.9  |
| 0.0  | 0.0   | 0.0   | 0.6  | 0.0  | 0.3   | 0.0  |
| 73.0 | 104.9 | 108.4 | 94.5 | 94.9 | 102.3 | 98.6 |

|      |       |      |      |      |      |      |
|------|-------|------|------|------|------|------|
| 0.5  | 1.1   | 0.5  | 1.2  | 0.9  | 0.1  | 0.0  |
| 0.1  | 0.3   | 0.2  | 0.4  | 0.4  | 0.3  | 0.2  |
| 6.0  | 6.2   | 7.3  | 10.1 | 9.7  | 6.9  | 7.3  |
| 25.7 | 24.9  | 27.1 | 30.0 | 30.6 | 30.8 | 35.7 |
| 4.4  | 5.3   | 4.6  | 6.7  | 3.6  | 4.8  | 4.6  |
| 0.1  | 0.3   | 0.2  | 0.1  | 0.4  | 0.3  | 0.0  |
| 7.8  | 9.4   | 13.0 | 14.6 | 12.7 | 13.0 | 12.8 |
| 0.2  | 0.0   | 0.2  | 0.6  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1   | 0.4  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.1  | 0.1   | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  |
| 1.9  | 3.3   | 9.9  | 9.0  | 4.2  | 10.2 | 1.5  |
| 0.1  | 0.1   | 0.3  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1   | 0.1  | 0.2  | 0.1  | 0.1  | 0.0  |
| 7.2  | 9.0   | 10.7 | 10.4 | 10.9 | 6.9  | 2.1  |
| 0.1  | 0.1   | 0.4  | 0.2  | 0.1  | 0.3  | 0.0  |
| 6.4  | 8.2   | 8.2  | 7.9  | 7.5  | 8.0  | 3.4  |
| 2.9  | 3.1   | 2.8  | 3.9  | 3.4  | 3.9  | 4.3  |
| 21.4 | 27.7  | 24.9 | 23.6 | 31.2 | 26.1 | 27.7 |
| 19.7 | 29.4  | 31.0 | 34.9 | 25.1 | 27.6 | 34.5 |
| 3.8  | 6.5   | 6.2  | 5.4  | 5.3  | 5.8  | 7.5  |
| 2.4  | 2.9   | 2.2  | 2.1  | 3.7  | 3.0  | 2.1  |
| 41.5 | 40.6  | 42.8 | 49.2 | 53.9 | 50.5 | 57.7 |
| 1.0  | 0.9   | 1.4  | 1.2  | 1.2  | 1.4  | 0.4  |
| 1.3  | 1.6   | 1.6  | 1.8  | 2.0  | 1.6  | 0.0  |
| 7.4  | 7.3   | 9.2  | 10.3 | 10.4 | 11.9 | 10.3 |
| 6.0  | 7.7   | 8.0  | 8.5  | 8.3  | 13.6 | 8.6  |
| 0.1  | 0.2   | 0.2  | 0.2  | 0.2  | 0.1  | 0.0  |
| 6.6  | 4.9   | 5.2  | 6.8  | 5.6  | 6.6  | 6.3  |
| 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.7  | 1.0   | 0.2  | 0.5  | 1.1  | 0.9  | 0.9  |
| 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 86.0 | 105.8 | 80.9 | 76.0 | 86.9 | 89.5 | 84.2 |
| 6.4  | 5.3   | 5.0  | 5.8  | 5.1  | 7.3  | 5.8  |
| 0.8  | 0.9   | 0.9  | 0.7  | 1.0  | 1.4  | 1.4  |
| 4.5  | 5.3   | 2.9  | 2.9  | 4.3  | 6.1  | 0.7  |
| 2.9  | 3.8   | 4.4  | 4.3  | 4.2  | 4.3  | 1.4  |
| 5.1  | 5.5   | 5.0  | 3.7  | 6.1  | 7.2  | 3.1  |
| 0.3  | 0.2   | 0.9  | 0.6  | 0.7  | 0.1  | 0.0  |
| 0.7  | 0.7   | 0.9  | 0.7  | 1.2  | 1.1  | 0.1  |
| 1.0  | 1.3   | 1.5  | 0.7  | 1.1  | 1.8  | 0.4  |
| 1.5  | 1.7   | 2.5  | 2.1  | 2.0  | 2.2  | 2.2  |
| 0.0  | 0.1   | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.2   | 1.1  | 1.3  | 0.0  | 0.0  | 0.0  |
| 2.4  | 2.7   | 2.7  | 3.2  | 3.2  | 3.2  | 4.0  |
| 0.0  | 0.0   | 0.2  | 0.1  | 0.0  | 0.1  | 0.0  |
| 5.3  | 6.0   | 5.2  | 5.3  | 6.1  | 5.5  | 6.1  |
| 0.0  | 0.0   | 0.2  | 0.2  | 0.0  | 0.0  | 0.0  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 1.5   | 1.6   | 0.9   | 1.3   | 1.3   | 1.6   | 1.0   |
| 0.1   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.2   | 0.4   | 0.2   | 0.3   | 0.2   | 0.0   |
| 0.7   | 0.8   | 0.8   | 1.0   | 0.9   | 0.9   | 0.2   |
| 17.5  | 20.5  | 20.2  | 22.6  | 18.9  | 18.5  | 28.0  |
| 0.3   | 0.6   | 1.4   | 1.3   | 0.5   | 1.0   | 0.4   |
| 21.1  | 20.7  | 12.7  | 10.7  | 19.3  | 23.1  | 6.4   |
| 7.2   | 6.0   | 8.2   | 10.3  | 8.6   | 7.8   | 10.7  |
| 0.2   | 0.5   | 0.9   | 0.5   | 0.5   | 0.7   | 0.4   |
| 1.9   | 2.2   | 1.5   | 1.7   | 2.4   | 2.6   | 1.1   |
| 0.1   | 0.1   | 0.6   | 0.1   | 0.1   | 0.3   | 0.3   |
| 4.1   | 7.2   | 7.2   | 7.6   | 4.7   | 9.0   | 4.1   |
| 0.3   | 0.1   | 0.3   | 0.2   | 0.1   | 0.1   | 0.0   |
| 0.1   | 0.1   | 0.5   | 0.3   | 0.1   | 0.2   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.2   | 1.4   | 2.5   | 2.9   | 2.2   | 3.1   | 2.3   |
| 33.5  | 35.8  | 30.5  | 31.2  | 44.7  | 36.4  | 12.2  |
| 1.5   | 1.8   | 1.4   | 1.4   | 1.9   | 1.7   | 1.3   |
| 1.4   | 1.3   | 1.1   | 1.3   | 2.0   | 2.4   | 0.3   |
| 0.2   | 0.4   | 0.3   | 0.3   | 0.5   | 0.5   | 0.1   |
| 1.9   | 1.0   | 0.9   | 1.9   | 1.5   | 1.5   | 0.0   |
| 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.2   |
| 0.0   | 0.0   | 0.2   | 0.2   | 0.6   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.0   | 0.1   | 0.0   | 0.0   | 0.1   |
| 1.5   | 0.9   | 1.3   | 2.3   | 1.5   | 1.7   | 5.2   |
| 46.3  | 54.3  | 55.7  | 56.7  | 49.6  | 52.0  | 59.1  |
| 1.1   | 1.6   | 1.5   | 1.7   | 1.6   | 1.5   | 1.8   |
| 0.8   | 1.1   | 1.4   | 1.3   | 1.3   | 1.6   | 0.7   |
| 1.7   | 3.3   | 3.9   | 3.3   | 3.4   | 2.6   | 1.2   |
| 2.2   | 3.2   | 3.6   | 4.9   | 4.1   | 3.1   | 1.7   |
| 3.4   | 5.7   | 9.3   | 10.1  | 8.1   | 12.8  | 1.4   |
| 0.5   | 1.0   | 1.2   | 0.6   | 1.0   | 1.5   | 0.5   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.2   | 0.0   |
| 0.3   | 0.4   | 0.5   | 0.5   | 0.4   | 0.7   | 0.7   |
| 6.9   | 6.1   | 7.0   | 11.2  | 6.6   | 8.5   | 9.3   |
| 21.6  | 29.9  | 37.3  | 41.9  | 32.1  | 24.0  | 28.7  |
| 2.7   | 6.3   | 6.9   | 8.5   | 4.9   | 7.1   | 8.1   |
| 2.4   | 2.6   | 3.4   | 3.7   | 3.3   | 3.3   | 9.0   |
| 5.9   | 3.9   | 4.9   | 6.9   | 5.8   | 6.8   | 10.5  |
| 1.3   | 0.9   | 0.9   | 1.7   | 1.2   | 1.2   | 1.2   |
| 49.9  | 56.9  | 53.6  | 56.5  | 56.4  | 52.3  | 62.3  |
| 180.0 | 126.7 | 111.8 | 130.7 | 168.3 | 174.1 | 145.3 |
| 0.0   | 0.0   | 0.0   | 0.9   | 0.0   | 0.0   | 0.0   |
| 2.2   | 3.1   | 2.0   | 1.4   | 3.8   | 2.9   | 2.8   |
| 7.3   | 6.9   | 8.5   | 9.1   | 9.9   | 10.1  | 7.4   |
| 0.0   | 0.0   | 0.4   | 0.1   | 0.1   | 0.0   | 0.0   |
| 0.1   | 0.1   | 0.9   | 0.6   | 0.4   | 0.5   | 0.0   |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 2.1   | 3.7   | 3.5   | 3.8   | 3.8   | 4.6   | 4.0   |
| 0.1   | 0.0   | 0.3   | 1.4   | 0.1   | 0.9   | 0.0   |
| 6.3   | 7.9   | 6.0   | 6.7   | 6.7   | 7.8   | 7.4   |
| 2.3   | 3.1   | 2.9   | 2.5   | 2.7   | 2.8   | 1.7   |
| 1.0   | 1.9   | 1.5   | 1.8   | 1.6   | 1.6   | 1.1   |
| 2.7   | 3.9   | 6.0   | 4.2   | 4.9   | 4.7   | 3.1   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 63.0  | 83.6  | 92.3  | 100.1 | 77.1  | 90.6  | 83.0  |
| 6.1   | 9.4   | 8.2   | 7.9   | 8.8   | 10.8  | 8.9   |
| 9.3   | 16.1  | 17.9  | 18.3  | 18.6  | 18.5  | 20.3  |
| 0.1   | 0.0   | 0.2   | 0.2   | 0.0   | 0.4   | 0.0   |
| 9.0   | 9.2   | 10.2  | 11.6  | 11.4  | 9.5   | 9.6   |
| 32.0  | 39.3  | 24.4  | 27.5  | 30.9  | 42.1  | 16.2  |
| 16.8  | 17.2  | 15.7  | 14.2  | 15.4  | 9.7   | 4.1   |
| 0.8   | 1.0   | 1.5   | 1.3   | 1.0   | 1.2   | 0.6   |
| 0.0   | 0.1   | 0.3   | 0.3   | 0.0   | 0.2   | 0.0   |
| 2.3   | 2.9   | 2.9   | 2.5   | 4.2   | 4.5   | 0.3   |
| 1.8   | 2.6   | 3.6   | 2.5   | 4.1   | 1.7   | 0.6   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.2   | 0.1   | 0.4   | 0.6   | 0.1   | 0.3   | 0.0   |
| 0.2   | 0.6   | 0.4   | 0.5   | 0.4   | 0.2   | 0.6   |
| 134.5 | 182.5 | 136.5 | 146.3 | 197.1 | 174.2 | 105.8 |
| 36.4  | 41.8  | 44.3  | 44.8  | 40.1  | 39.7  | 30.3  |
| 0.1   | 0.2   | 0.5   | 0.6   | 0.3   | 0.4   | 0.0   |
| 24.3  | 26.0  | 23.2  | 24.2  | 29.1  | 25.1  | 23.1  |
| 3.9   | 3.7   | 2.9   | 3.4   | 5.4   | 5.1   | 3.5   |
| 11.3  | 15.9  | 19.0  | 17.4  | 20.5  | 17.8  | 7.6   |
| 0.3   | 0.2   | 0.6   | 0.5   | 0.3   | 0.2   | 0.0   |
| 0.0   | 0.1   | 0.3   | 0.3   | 0.1   | 0.2   | 0.0   |
| 54.4  | 58.5  | 68.9  | 71.9  | 64.9  | 62.7  | 64.0  |
| 0.1   | 0.1   | 0.3   | 0.4   | 0.3   | 0.2   | 0.0   |
| 0.0   | 0.1   | 0.3   | 0.7   | 0.2   | 0.2   | 0.0   |
| 4.0   | 3.9   | 2.7   | 3.2   | 4.1   | 4.6   | 4.3   |
| 0.0   | 0.0   | 0.3   | 0.1   | 0.1   | 0.0   | 0.0   |
| 0.2   | 0.2   | 0.3   | 0.3   | 0.1   | 0.3   | 0.2   |
| 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.5   | 1.1   | 2.0   | 1.4   | 1.3   | 1.8   | 1.7   |
| 0.9   | 1.3   | 2.8   | 2.3   | 1.9   | 1.6   | 1.8   |
| 57.8  | 76.0  | 48.4  | 49.0  | 72.9  | 72.5  | 35.2  |
| 0.0   | 0.1   | 0.4   | 0.2   | 0.1   | 0.1   | 0.0   |
| 9.8   | 9.4   | 11.4  | 9.5   | 11.0  | 14.4  | 6.5   |
| 1.4   | 1.9   | 1.3   | 1.5   | 4.1   | 2.1   | 0.0   |
| 0.4   | 0.1   | 0.1   | 0.3   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 37.1  | 51.7  | 48.2  | 43.1  | 53.7  | 46.0  | 29.5  |
| 1.1   | 1.3   | 1.5   | 0.7   | 2.0   | 1.4   | 3.0   |
| 10.4  | 14.4  | 16.6  | 16.4  | 19.3  | 15.5  | 5.5   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 4.8  | 6.9  | 4.4  | 4.6  | 5.3  | 6.4  | 2.8  |
| 35.4 | 42.4 | 42.4 | 49.6 | 37.8 | 35.2 | 36.5 |
| 2.8  | 1.8  | 1.5  | 2.0  | 2.3  | 3.3  | 3.6  |
| 59.1 | 50.3 | 59.2 | 59.0 | 75.7 | 68.7 | 68.0 |
| 3.2  | 5.2  | 7.1  | 4.7  | 3.8  | 7.4  | 1.4  |
| 14.0 | 22.5 | 18.9 | 19.1 | 28.0 | 21.5 | 9.1  |
| 9.7  | 11.7 | 7.1  | 7.6  | 7.9  | 11.8 | 14.7 |
| 18.4 | 27.5 | 25.8 | 25.8 | 26.6 | 27.5 | 26.6 |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.6  | 0.5  | 1.2  | 0.8  | 1.2  | 0.7  | 0.0  |
| 0.4  | 0.5  | 0.7  | 0.6  | 0.6  | 0.5  | 0.6  |
| 0.1  | 0.4  | 0.9  | 0.8  | 0.5  | 0.2  | 0.2  |
| 0.4  | 0.3  | 0.2  | 0.4  | 0.2  | 0.4  | 0.2  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.2  | 1.0  | 2.0  | 1.4  | 1.0  | 1.5  | 0.6  |
| 0.1  | 0.3  | 0.4  | 0.2  | 0.3  | 0.2  | 0.0  |
| 32.5 | 37.0 | 12.6 | 13.8 | 18.1 | 40.3 | 56.9 |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.3  | 0.0  | 0.0  |
| 3.1  | 7.4  | 7.3  | 7.3  | 5.4  | 8.3  | 4.9  |
| 2.3  | 2.1  | 1.8  | 2.5  | 3.6  | 4.1  | 2.1  |
| 0.1  | 0.3  | 0.8  | 0.0  | 0.2  | 0.0  | 0.0  |
| 0.2  | 0.1  | 0.5  | 0.1  | 0.0  | 0.2  | 0.0  |
| 0.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.2  | 0.0  |
| 0.2  | 0.0  | 0.8  | 0.1  | 0.3  | 0.2  | 0.0  |
| 6.4  | 7.6  | 10.4 | 12.8 | 12.0 | 11.0 | 4.6  |
| 0.1  | 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.1  | 0.1  | 1.1  | 0.9  | 0.1  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.0  | 0.2  | 0.9  | 0.0  |
| 4.3  | 7.4  | 6.2  | 7.5  | 5.5  | 3.9  | 4.8  |
| 0.1  | 0.0  | 0.0  | 0.4  | 0.0  | 0.8  | 0.0  |
| 0.6  | 0.4  | 0.2  | 0.6  | 1.7  | 1.7  | 0.0  |
| 0.5  | 0.7  | 0.6  | 0.7  | 0.6  | 0.0  | 0.0  |
| 0.1  | 0.4  | 0.3  | 1.0  | 0.1  | 0.7  | 0.0  |
| 0.1  | 0.0  | 0.2  | 0.5  | 0.1  | 0.0  | 0.0  |
| 0.1  | 0.0  | 1.2  | 0.6  | 0.1  | 0.3  | 0.0  |
| 0.8  | 0.5  | 0.7  | 0.9  | 1.0  | 0.7  | 0.4  |
| 0.0  | 0.5  | 2.2  | 1.4  | 0.0  | 2.1  | 0.0  |
| 5.1  | 5.0  | 5.2  | 5.4  | 6.7  | 5.6  | 4.8  |
| 6.0  | 6.8  | 6.6  | 6.9  | 9.2  | 7.0  | 10.4 |
| 0.3  | 0.2  | 0.7  | 0.5  | 0.2  | 0.5  | 0.0  |
| 1.3  | 1.4  | 3.1  | 2.9  | 1.7  | 1.2  | 1.8  |
| 13.3 | 16.7 | 16.0 | 20.2 | 12.6 | 16.8 | 18.7 |
| 0.1  | 0.1  | 0.1  | 0.0  | 0.1  | 0.1  | 0.0  |
| 10.5 | 10.3 | 10.5 | 13.7 | 11.6 | 13.9 | 16.1 |
| 8.1  | 12.3 | 8.2  | 9.0  | 11.9 | 11.9 | 6.3  |
| 75.8 | 86.5 | 63.5 | 68.1 | 81.2 | 91.4 | 62.0 |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.1  | 0.1  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 38.9 | 62.4 | 48.1 | 54.6 | 49.9 | 63.5 | 53.2 |
| 0.8  | 0.9  | 0.5  | 0.7  | 1.5  | 1.3  | 0.7  |
| 2.6  | 2.4  | 1.5  | 2.0  | 3.3  | 2.9  | 2.6  |
| 0.2  | 0.3  | 0.4  | 0.4  | 0.1  | 0.7  | 0.3  |
| 3.6  | 2.8  | 4.5  | 5.3  | 4.8  | 3.6  | 8.4  |
| 1.9  | 2.6  | 2.2  | 2.9  | 3.9  | 2.3  | 3.3  |
| 38.2 | 30.0 | 40.7 | 33.9 | 36.4 | 37.4 | 40.5 |
| 0.1  | 0.2  | 0.6  | 0.5  | 0.2  | 0.4  | 0.2  |
| 0.2  | 0.3  | 0.2  | 0.5  | 0.5  | 0.5  | 0.0  |
| 3.5  | 3.8  | 5.1  | 6.7  | 4.0  | 5.1  | 5.2  |
| 2.0  | 1.9  | 2.6  | 3.2  | 1.9  | 3.1  | 2.1  |
| 4.8  | 8.7  | 8.7  | 10.8 | 6.4  | 7.0  | 10.4 |
| 0.4  | 0.2  | 0.7  | 0.4  | 0.3  | 0.4  | 0.1  |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.2  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.1  | 0.4  | 0.6  | 0.3  | 0.3  | 0.0  |
| 9.9  | 11.1 | 12.6 | 14.3 | 11.0 | 11.3 | 9.5  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.2  | 0.3  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.2  | 0.3  | 0.1  | 0.4  | 0.0  |
| 58.2 | 69.2 | 70.1 | 82.2 | 62.3 | 56.5 | 64.9 |
| 6.8  | 10.2 | 8.0  | 8.5  | 14.4 | 10.1 | 4.1  |
| 0.1  | 0.1  | 1.1  | 0.3  | 0.0  | 0.2  | 0.0  |
| 13.3 | 19.9 | 23.4 | 17.7 | 20.9 | 17.6 | 25.6 |
| 0.1  | 0.0  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.5  | 0.0  | 0.0  |
| 1.3  | 1.2  | 3.0  | 2.9  | 3.1  | 2.5  | 3.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 6.9  | 10.8 | 10.6 | 10.5 | 12.8 | 12.5 | 10.1 |
| 0.1  | 0.1  | 0.9  | 1.0  | 0.1  | 0.3  | 0.0  |
| 0.1  | 0.0  | 0.4  | 0.6  | 0.0  | 0.4  | 0.0  |
| 1.4  | 1.8  | 1.8  | 1.9  | 2.0  | 2.1  | 1.6  |
| 4.8  | 5.4  | 7.6  | 7.8  | 6.7  | 7.5  | 6.8  |
| 0.0  | 0.1  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.6  | 0.4  | 0.3  | 0.2  | 0.0  |
| 0.3  | 0.1  | 1.0  | 1.1  | 0.7  | 0.7  | 0.3  |
| 0.4  | 0.2  | 0.4  | 0.3  | 0.6  | 0.8  | 0.0  |
| 3.9  | 3.5  | 2.9  | 3.8  | 4.1  | 4.3  | 2.7  |
| 6.0  | 9.4  | 7.7  | 8.2  | 8.0  | 12.4 | 4.9  |
| 6.1  | 8.9  | 5.5  | 7.8  | 6.5  | 5.0  | 9.0  |
| 3.7  | 5.3  | 2.7  | 2.7  | 6.4  | 4.3  | 1.3  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.6  | 0.0  |
| 0.1  | 0.1  | 0.4  | 0.5  | 0.1  | 0.6  | 0.0  |
| 5.7  | 6.8  | 4.8  | 5.2  | 9.2  | 2.9  | 1.6  |
| 13.1 | 19.5 | 17.4 | 15.9 | 21.6 | 18.9 | 6.2  |
| 8.3  | 13.9 | 15.1 | 13.7 | 12.2 | 13.9 | 15.9 |

|      |       |       |       |      |       |      |
|------|-------|-------|-------|------|-------|------|
| 0.3  | 0.2   | 0.6   | 0.7   | 0.2  | 0.6   | 0.0  |
| 0.2  | 0.5   | 1.8   | 1.7   | 0.4  | 1.6   | 0.0  |
| 1.4  | 2.2   | 4.2   | 3.2   | 2.5  | 3.2   | 1.4  |
| 11.0 | 13.4  | 14.3  | 13.2  | 9.9  | 15.0  | 17.1 |
| 0.1  | 0.3   | 0.3   | 0.0   | 0.0  | 0.0   | 0.0  |
| 0.0  | 0.2   | 0.4   | 0.4   | 0.2  | 0.1   | 0.7  |
| 1.4  | 2.2   | 2.5   | 1.7   | 2.2  | 3.2   | 1.2  |
| 81.4 | 106.6 | 104.7 | 108.4 | 94.4 | 108.7 | 97.0 |
| 0.4  | 0.8   | 1.0   | 0.8   | 1.1  | 0.8   | 0.0  |
| 2.2  | 2.5   | 4.2   | 3.9   | 3.4  | 2.8   | 1.7  |
| 1.0  | 0.6   | 1.1   | 0.7   | 0.2  | 0.6   | 0.0  |
| 2.9  | 3.1   | 2.4   | 3.4   | 3.5  | 4.8   | 5.2  |
| 1.2  | 1.9   | 1.4   | 1.5   | 1.9  | 1.1   | 0.5  |
| 41.9 | 46.6  | 46.8  | 39.6  | 58.4 | 57.7  | 11.0 |
| 2.0  | 1.9   | 1.9   | 2.6   | 3.2  | 2.1   | 2.0  |
| 0.3  | 0.4   | 0.8   | 0.8   | 0.1  | 0.5   | 0.5  |
| 8.6  | 11.6  | 10.6  | 14.7  | 9.7  | 12.9  | 13.1 |
| 0.1  | 0.1   | 0.1   | 0.4   | 0.2  | 0.1   | 0.0  |
| 5.4  | 5.9   | 6.2   | 6.5   | 8.6  | 6.9   | 2.0  |
| 0.9  | 0.5   | 0.3   | 0.4   | 0.8  | 1.1   | 0.6  |
| 11.8 | 14.8  | 14.3  | 14.8  | 12.4 | 14.6  | 12.1 |
| 3.3  | 3.7   | 3.4   | 5.6   | 4.5  | 4.2   | 6.4  |
| 0.1  | 0.2   | 0.2   | 0.1   | 0.1  | 0.5   | 0.2  |
| 17.3 | 14.4  | 14.5  | 21.8  | 18.9 | 15.4  | 19.5 |
| 1.5  | 1.2   | 1.5   | 1.1   | 1.3  | 1.4   | 0.1  |
| 1.5  | 2.2   | 2.9   | 2.6   | 2.0  | 2.7   | 2.8  |
| 0.0  | 0.0   | 0.1   | 0.0   | 0.0  | 0.0   | 0.0  |
| 8.0  | 7.6   | 9.7   | 9.4   | 7.1  | 8.1   | 11.4 |
| 3.3  | 3.6   | 2.3   | 2.4   | 4.1  | 3.3   | 4.9  |
| 12.1 | 17.2  | 11.6  | 10.4  | 8.5  | 19.5  | 8.9  |
| 20.3 | 24.9  | 20.7  | 23.1  | 28.9 | 30.8  | 11.8 |
| 0.1  | 0.4   | 0.7   | 0.4   | 0.4  | 0.2   | 0.4  |
| 10.8 | 14.2  | 16.9  | 16.8  | 14.7 | 15.5  | 9.4  |
| 0.1  | 0.0   | 0.2   | 0.2   | 0.0  | 0.0   | 0.0  |
| 35.6 | 47.3  | 46.1  | 49.0  | 48.9 | 49.6  | 38.0 |
| 6.7  | 8.5   | 11.2  | 12.0  | 10.8 | 7.7   | 5.3  |
| 11.2 | 15.1  | 16.5  | 14.3  | 16.3 | 14.1  | 15.5 |
| 3.6  | 4.4   | 4.5   | 4.6   | 5.1  | 5.0   | 3.8  |
| 0.0  | 0.2   | 0.0   | 0.0   | 0.0  | 0.0   | 0.0  |
| 4.7  | 4.6   | 2.2   | 1.8   | 5.6  | 5.2   | 6.1  |
| 4.4  | 4.6   | 3.9   | 5.9   | 5.7  | 5.8   | 4.1  |
| 12.1 | 19.3  | 14.9  | 17.4  | 19.0 | 18.0  | 8.1  |
| 9.6  | 10.1  | 12.5  | 11.8  | 12.9 | 11.7  | 6.6  |
| 6.1  | 6.1   | 4.8   | 5.5   | 7.8  | 8.3   | 3.7  |
| 0.3  | 0.3   | 1.1   | 0.5   | 0.6  | 0.9   | 0.0  |
| 18.4 | 15.6  | 17.4  | 19.7  | 16.0 | 14.1  | 25.4 |
| 11.6 | 12.0  | 9.5   | 12.4  | 12.8 | 16.0  | 17.5 |



|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 4.1  | 4.2  | 4.6  | 4.0  | 4.9  | 6.0  | 18.2 |
| 3.5  | 4.0  | 4.3  | 4.9  | 5.7  | 4.8  | 3.2  |
| 3.4  | 4.6  | 4.2  | 3.5  | 5.1  | 5.1  | 6.4  |
| 2.9  | 2.5  | 5.5  | 6.9  | 5.1  | 3.8  | 1.8  |
| 4.6  | 5.5  | 7.5  | 9.3  | 4.5  | 6.1  | 1.7  |
| 7.1  | 7.5  | 4.5  | 4.2  | 10.1 | 10.2 | 9.5  |
| 9.3  | 14.2 | 13.5 | 13.0 | 14.6 | 7.3  | 4.3  |
| 1.8  | 2.1  | 3.1  | 3.0  | 4.7  | 2.1  | 1.5  |
| 0.9  | 0.7  | 0.9  | 0.9  | 0.7  | 1.0  | 0.8  |
| 26.9 | 32.6 | 33.1 | 42.9 | 35.1 | 36.9 | 39.1 |
| 6.4  | 7.8  | 6.8  | 6.6  | 7.6  | 8.5  | 5.3  |
| 1.7  | 1.3  | 1.4  | 1.7  | 2.0  | 1.7  | 2.1  |
| 6.9  | 9.8  | 7.4  | 9.0  | 13.3 | 10.7 | 6.3  |
| 26.4 | 27.0 | 29.7 | 29.5 | 27.3 | 37.2 | 31.5 |
| 0.1  | 0.0  | 0.2  | 0.1  | 0.1  | 0.1  | 0.1  |
| 0.0  | 0.6  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.4  | 0.6  | 0.6  | 0.8  | 0.7  | 0.4  | 0.3  |
| 1.0  | 2.8  | 3.6  | 2.1  | 1.5  | 3.1  | 1.8  |
| 11.1 | 16.3 | 20.0 | 21.7 | 18.1 | 17.6 | 23.8 |
| 7.0  | 8.3  | 6.6  | 7.1  | 10.4 | 9.2  | 7.4  |
| 1.2  | 2.1  | 2.3  | 1.5  | 2.3  | 1.9  | 1.5  |
| 0.3  | 0.1  | 2.2  | 1.5  | 0.4  | 0.3  | 0.0  |
| 32.3 | 20.1 | 26.3 | 34.4 | 34.5 | 26.4 | 40.0 |
| 23.0 | 28.2 | 28.0 | 31.4 | 25.1 | 29.5 | 38.2 |
| 12.6 | 13.2 | 13.5 | 18.9 | 8.9  | 13.4 | 17.0 |
| 11.8 | 17.4 | 16.4 | 19.1 | 13.5 | 17.1 | 13.6 |
| 5.8  | 9.7  | 9.1  | 7.6  | 9.7  | 6.6  | 7.0  |
| 4.8  | 4.0  | 3.7  | 5.3  | 2.5  | 4.2  | 0.0  |
| 27.1 | 35.8 | 27.5 | 27.1 | 26.9 | 31.6 | 29.4 |
| 4.8  | 5.1  | 6.2  | 6.5  | 6.9  | 6.7  | 4.4  |
| 41.0 | 44.6 | 38.8 | 38.4 | 67.9 | 55.5 | 33.5 |
| 3.3  | 3.3  | 3.5  | 3.6  | 5.2  | 4.9  | 1.6  |
| 15.6 | 13.5 | 13.1 | 14.4 | 19.6 | 16.6 | 20.5 |
| 0.4  | 0.2  | 1.1  | 0.6  | 0.0  | 0.5  | 0.0  |
| 10.3 | 14.9 | 12.3 | 11.7 | 15.0 | 17.0 | 15.3 |
| 11.8 | 11.6 | 8.2  | 6.8  | 11.2 | 13.4 | 9.1  |
| 4.8  | 4.9  | 5.4  | 5.1  | 7.6  | 6.4  | 2.4  |
| 17.0 | 17.6 | 20.3 | 23.3 | 20.1 | 20.6 | 20.9 |
| 0.1  | 0.2  | 0.7  | 0.4  | 0.2  | 0.4  | 0.0  |
| 35.1 | 29.8 | 37.1 | 53.9 | 42.3 | 33.5 | 46.0 |
| 14.4 | 14.5 | 16.7 | 19.8 | 16.0 | 14.4 | 11.2 |
| 31.8 | 32.2 | 37.0 | 42.4 | 35.6 | 29.4 | 35.3 |
| 4.5  | 7.6  | 7.0  | 8.8  | 5.7  | 7.3  | 6.3  |
| 4.2  | 5.9  | 6.5  | 7.0  | 6.8  | 7.8  | 3.0  |
| 9.8  | 8.3  | 11.4 | 11.6 | 8.9  | 11.1 | 18.8 |
| 28.2 | 37.0 | 36.6 | 37.5 | 35.3 | 33.1 | 34.1 |
| 17.6 | 24.2 | 24.9 | 27.3 | 21.0 | 24.4 | 28.5 |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 1.3   | 1.3   | 1.3   | 1.6   | 0.9   | 1.5   | 1.8   |
| 15.7  | 17.9  | 22.9  | 28.5  | 20.0  | 20.1  | 27.1  |
| 16.9  | 16.0  | 18.6  | 19.5  | 19.1  | 18.4  | 17.6  |
| 0.7   | 0.5   | 1.0   | 1.2   | 1.0   | 1.2   | 1.0   |
| 3.7   | 3.0   | 2.8   | 4.2   | 4.1   | 4.1   | 5.3   |
| 1.3   | 1.1   | 1.2   | 0.8   | 1.8   | 2.8   | 0.5   |
| 321.3 | 286.1 | 194.2 | 225.7 | 233.6 | 272.4 | 368.0 |
| 0.0   | 0.2   | 0.2   | 0.3   | 0.1   | 0.0   | 0.0   |
| 6.4   | 6.9   | 4.7   | 5.5   | 9.9   | 9.9   | 4.1   |
| 14.7  | 26.8  | 34.1  | 35.9  | 20.9  | 29.5  | 23.1  |
| 0.5   | 0.7   | 1.0   | 1.0   | 0.8   | 1.2   | 1.3   |
| 43.2  | 51.5  | 34.8  | 36.9  | 36.0  | 50.3  | 49.1  |
| 9.0   | 9.7   | 11.6  | 13.2  | 14.0  | 17.2  | 33.0  |
| 0.0   | 0.1   | 0.3   | 0.2   | 0.0   | 0.4   | 0.0   |
| 0.0   | 0.2   | 1.1   | 0.3   | 0.1   | 0.5   | 0.0   |
| 0.9   | 0.7   | 1.0   | 1.1   | 1.0   | 1.4   | 0.6   |
| 11.8  | 15.3  | 12.1  | 12.4  | 16.1  | 21.2  | 8.1   |
| 11.9  | 13.5  | 15.6  | 17.1  | 14.1  | 15.9  | 27.3  |
| 14.9  | 22.9  | 21.1  | 22.9  | 21.4  | 21.3  | 21.5  |
| 2.9   | 3.2   | 4.4   | 3.9   | 3.9   | 4.7   | 4.4   |
| 21.2  | 24.0  | 27.0  | 32.1  | 21.7  | 21.6  | 32.3  |
| 6.8   | 7.7   | 6.0   | 7.5   | 11.2  | 8.7   | 7.5   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   |
| 8.3   | 10.1  | 8.9   | 9.9   | 15.2  | 9.2   | 6.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 51.8  | 84.1  | 82.6  | 105.7 | 78.3  | 75.5  | 137.1 |
| 0.4   | 0.9   | 1.5   | 0.7   | 1.0   | 0.9   | 1.0   |
| 18.9  | 18.0  | 20.0  | 19.5  | 20.4  | 15.1  | 17.9  |
| 2.1   | 3.0   | 4.1   | 3.6   | 2.8   | 5.6   | 3.0   |
| 1.5   | 1.4   | 0.8   | 0.8   | 1.2   | 1.7   | 1.7   |
| 0.1   | 0.1   | 0.4   | 0.4   | 0.1   | 0.5   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 9.2   | 10.9  | 13.6  | 15.1  | 10.9  | 9.1   | 10.6  |
| 3.0   | 4.1   | 9.9   | 8.4   | 5.1   | 5.4   | 3.6   |
| 6.5   | 6.4   | 5.5   | 5.1   | 11.3  | 8.1   | 1.7   |
| 8.9   | 9.5   | 11.7  | 12.2  | 11.1  | 13.5  | 11.4  |
| 2.8   | 3.8   | 3.5   | 2.8   | 4.2   | 4.0   | 5.1   |
| 0.0   | 0.1   | 0.4   | 0.7   | 0.0   | 0.2   | 0.0   |
| 0.7   | 0.6   | 0.7   | 1.1   | 1.0   | 1.2   | 1.9   |
| 2.3   | 5.3   | 5.6   | 5.1   | 5.0   | 4.8   | 2.5   |
| 3.7   | 3.3   | 4.3   | 3.9   | 4.4   | 2.9   | 5.2   |
| 18.6  | 26.9  | 22.6  | 26.8  | 21.3  | 24.2  | 31.9  |
| 2.8   | 4.2   | 3.4   | 3.4   | 2.6   | 3.5   | 2.0   |
| 7.4   | 9.4   | 8.9   | 8.0   | 11.2  | 9.8   | 6.1   |
| 1.7   | 2.1   | 1.5   | 2.1   | 1.4   | 1.7   | 1.9   |
| 41.5  | 50.2  | 36.2  | 35.1  | 56.6  | 51.8  | 26.4  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 100.3 | 137.6 | 128.3 | 131.4 | 118.3 | 138.8 | 154.9 |
| 2.6   | 2.9   | 2.4   | 3.1   | 3.0   | 2.8   | 0.6   |
| 8.1   | 9.9   | 9.2   | 10.0  | 11.9  | 9.5   | 10.5  |
| 0.5   | 0.7   | 0.6   | 0.8   | 0.9   | 0.8   | 0.4   |
| 1.5   | 1.6   | 1.2   | 1.2   | 2.7   | 0.9   | 0.9   |
| 0.2   | 0.5   | 0.6   | 0.3   | 0.3   | 0.5   | 0.6   |
| 1.8   | 1.9   | 2.7   | 2.4   | 2.1   | 1.9   | 1.0   |
| 0.0   | 0.2   | 0.5   | 0.4   | 0.0   | 0.0   | 0.0   |
| 15.3  | 17.2  | 13.7  | 16.2  | 15.3  | 13.9  | 15.3  |
| 0.0   | 0.1   | 0.1   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.3   | 0.2   | 0.2   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.1   | 0.1   | 0.0   | 0.0   |
| 5.9   | 5.3   | 4.7   | 6.2   | 6.9   | 7.3   | 6.3   |
| 0.1   | 0.1   | 0.2   | 0.1   | 0.1   | 0.0   | 0.0   |
| 0.6   | 0.7   | 0.8   | 0.6   | 0.5   | 1.5   | 0.0   |
| 10.6  | 12.6  | 14.3  | 15.8  | 15.9  | 17.5  | 10.2  |
| 0.0   | 0.0   | 0.5   | 0.3   | 0.0   | 0.2   | 0.0   |
| 3.1   | 2.9   | 3.8   | 4.7   | 5.5   | 3.3   | 4.9   |
| 9.9   | 9.3   | 10.7  | 11.4  | 11.3  | 11.2  | 14.9  |
| 4.1   | 5.4   | 5.9   | 4.5   | 7.5   | 6.6   | 1.0   |
| 0.0   | 0.1   | 0.3   | 0.1   | 0.1   | 0.1   | 0.0   |
| 4.7   | 4.2   | 4.0   | 3.9   | 6.8   | 6.8   | 3.3   |
| 3.3   | 6.0   | 4.8   | 4.7   | 5.4   | 5.0   | 3.6   |
| 2.1   | 2.7   | 3.0   | 2.4   | 3.3   | 2.5   | 3.8   |
| 2.4   | 2.8   | 3.5   | 3.6   | 4.0   | 3.0   | 1.0   |
| 6.8   | 10.1  | 9.7   | 7.9   | 10.7  | 11.9  | 3.6   |
| 19.7  | 14.6  | 23.4  | 18.3  | 22.1  | 17.8  | 48.6  |
| 0.6   | 1.0   | 2.9   | 2.0   | 1.5   | 1.0   | 1.2   |
| 8.9   | 9.5   | 7.3   | 10.5  | 11.0  | 11.5  | 8.2   |
| 0.0   | 0.1   | 0.1   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.4   | 0.4   | 0.2   | 0.2   | 0.2   | 0.8   | 1.0   |
| 1.0   | 2.3   | 2.8   | 3.5   | 2.0   | 2.5   | 3.3   |
| 0.8   | 0.8   | 1.7   | 1.4   | 1.4   | 1.9   | 0.0   |
| 9.3   | 13.5  | 3.4   | 4.6   | 9.6   | 12.1  | 3.6   |
| 0.6   | 0.6   | 1.0   | 1.1   | 0.6   | 1.3   | 0.8   |
| 0.8   | 0.9   | 1.6   | 1.6   | 1.8   | 1.4   | 0.8   |
| 2.3   | 2.6   | 2.5   | 2.5   | 3.1   | 2.5   | 2.0   |
| 8.7   | 8.2   | 3.6   | 3.6   | 3.3   | 8.5   | 3.2   |
| 2.9   | 2.2   | 1.4   | 2.7   | 3.3   | 4.3   | 2.5   |
| 3.3   | 5.3   | 4.0   | 4.2   | 5.8   | 3.9   | 2.3   |
| 5.4   | 5.1   | 7.9   | 8.1   | 6.9   | 7.9   | 5.6   |
| 6.8   | 8.8   | 6.5   | 7.0   | 7.3   | 7.9   | 5.5   |
| 0.3   | 0.7   | 1.2   | 0.9   | 0.6   | 1.0   | 0.0   |
| 3.6   | 2.7   | 2.1   | 2.7   | 3.7   | 4.4   | 3.6   |
| 0.9   | 1.5   | 1.7   | 1.1   | 1.6   | 2.4   | 2.1   |
| 0.0   | 0.1   | 0.1   | 0.3   | 0.0   | 0.0   | 0.0   |
| 2.6   | 2.6   | 4.0   | 3.6   | 2.2   | 3.3   | 2.6   |

|      |      |      |      |      |       |       |
|------|------|------|------|------|-------|-------|
| 6.0  | 6.2  | 7.6  | 6.4  | 6.2  | 5.5   | 7.6   |
| 15.2 | 14.7 | 11.9 | 14.1 | 19.2 | 18.8  | 18.2  |
| 0.5  | 0.4  | 0.4  | 0.6  | 0.6  | 0.1   | 0.0   |
| 15.8 | 15.2 | 19.6 | 18.6 | 20.5 | 15.4  | 25.8  |
| 3.9  | 4.1  | 3.6  | 5.0  | 5.4  | 3.7   | 2.0   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0   | 0.0   |
| 0.1  | 0.0  | 0.4  | 0.4  | 0.0  | 0.2   | 0.0   |
| 6.5  | 5.2  | 6.4  | 6.5  | 8.0  | 8.7   | 6.5   |
| 0.7  | 0.9  | 1.7  | 1.1  | 2.0  | 1.3   | 2.6   |
| 1.6  | 1.8  | 1.6  | 1.6  | 1.5  | 2.7   | 2.6   |
| 88.4 | 79.2 | 26.9 | 29.9 | 56.0 | 112.0 | 114.5 |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1   | 0.0   |
| 0.5  | 0.3  | 0.7  | 0.8  | 0.3  | 0.3   | 1.6   |
| 1.4  | 1.2  | 1.2  | 1.2  | 1.1  | 1.3   | 1.4   |
| 0.0  | 0.0  | 0.7  | 0.2  | 0.4  | 0.2   | 0.0   |
| 62.2 | 86.3 | 79.9 | 96.7 | 75.4 | 83.7  | 79.2  |
| 72.6 | 54.6 | 66.0 | 78.2 | 84.0 | 55.5  | 130.3 |
| 12.3 | 13.6 | 13.8 | 17.1 | 16.0 | 10.3  | 8.3   |
| 35.0 | 45.9 | 29.0 | 29.1 | 36.3 | 44.3  | 36.7  |
| 0.0  | 0.2  | 0.2  | 0.2  | 0.0  | 0.0   | 0.0   |
| 3.4  | 3.0  | 2.1  | 1.8  | 3.4  | 2.0   | 1.9   |
| 0.1  | 0.2  | 1.1  | 1.3  | 0.0  | 0.7   | 0.0   |
| 8.2  | 9.8  | 8.2  | 9.1  | 12.4 | 6.9   | 3.7   |
| 1.7  | 1.4  | 4.0  | 3.8  | 1.6  | 3.8   | 1.4   |
| 4.2  | 4.0  | 6.1  | 5.8  | 5.3  | 4.8   | 5.4   |
| 2.6  | 2.9  | 2.0  | 2.3  | 3.3  | 2.7   | 0.0   |
| 11.1 | 13.0 | 9.3  | 9.4  | 11.7 | 13.3  | 16.0  |
| 22.7 | 23.9 | 28.3 | 32.8 | 26.0 | 28.8  | 24.5  |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0   | 0.0   |
| 1.1  | 2.2  | 0.9  | 2.8  | 2.2  | 2.0   | 3.3   |
| 8.3  | 8.5  | 10.1 | 10.6 | 9.8  | 13.0  | 8.3   |
| 13.6 | 23.4 | 18.4 | 18.6 | 23.6 | 21.8  | 10.6  |
| 19.2 | 22.4 | 21.0 | 23.1 | 18.8 | 19.1  | 25.1  |
| 38.4 | 45.3 | 42.7 | 48.7 | 52.3 | 46.4  | 71.8  |
| 4.0  | 6.8  | 5.8  | 6.4  | 5.8  | 8.3   | 1.9   |
| 5.2  | 6.3  | 8.0  | 5.1  | 4.8  | 5.5   | 9.1   |
| 1.8  | 3.4  | 3.5  | 3.7  | 2.7  | 4.9   | 3.3   |
| 2.6  | 2.6  | 3.7  | 3.8  | 3.5  | 2.3   | 1.4   |
| 26.0 | 23.2 | 19.3 | 16.4 | 28.0 | 26.4  | 4.6   |
| 40.8 | 48.4 | 54.5 | 48.3 | 71.2 | 44.5  | 25.1  |
| 12.4 | 14.0 | 7.3  | 8.2  | 8.7  | 10.0  | 11.2  |
| 0.1  | 0.2  | 0.3  | 0.3  | 0.3  | 0.1   | 0.0   |
| 6.5  | 8.1  | 8.5  | 11.8 | 7.4  | 8.7   | 11.1  |
| 1.4  | 1.9  | 1.9  | 1.5  | 1.9  | 1.8   | 2.0   |
| 6.9  | 9.4  | 11.4 | 16.4 | 11.3 | 12.3  | 14.5  |
| 1.0  | 0.9  | 1.4  | 1.3  | 1.7  | 1.0   | 1.2   |
| 0.8  | 1.7  | 2.6  | 2.2  | 1.4  | 1.5   | 1.6   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 8.9  | 13.1 | 9.8  | 9.8  | 12.3 | 12.0 | 16.5 |
| 0.0  | 0.0  | 0.4  | 0.1  | 0.0  | 0.2  | 0.0  |
| 13.5 | 14.2 | 13.7 | 14.0 | 13.9 | 12.3 | 14.7 |
| 4.6  | 4.5  | 5.2  | 5.8  | 5.2  | 3.4  | 3.5  |
| 0.3  | 0.1  | 0.7  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 7.7  | 7.0  | 6.8  | 7.3  | 8.8  | 6.6  | 4.8  |
| 9.6  | 9.9  | 6.1  | 9.7  | 13.4 | 11.5 | 13.3 |
| 20.7 | 24.8 | 25.6 | 30.0 | 23.9 | 19.5 | 23.8 |
| 0.8  | 0.9  | 1.9  | 0.8  | 0.6  | 1.3  | 0.0  |
| 8.1  | 9.7  | 9.2  | 7.7  | 10.9 | 7.7  | 10.0 |
| 3.5  | 3.5  | 3.1  | 3.1  | 5.0  | 4.2  | 2.6  |
| 0.1  | 0.2  | 0.5  | 0.3  | 0.1  | 0.1  | 0.0  |
| 19.3 | 26.1 | 26.3 | 30.2 | 25.6 | 24.5 | 28.0 |
| 7.4  | 6.6  | 6.1  | 5.7  | 8.3  | 9.3  | 6.5  |
| 9.3  | 5.4  | 4.0  | 4.6  | 6.2  | 10.7 | 4.0  |
| 2.5  | 3.7  | 5.5  | 4.8  | 3.6  | 3.3  | 0.2  |
| 0.0  | 0.0  | 0.3  | 0.0  | 0.0  | 0.5  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  |
| 1.6  | 2.8  | 3.6  | 3.5  | 2.4  | 4.0  | 0.9  |
| 7.1  | 8.3  | 9.1  | 9.6  | 9.3  | 9.8  | 10.3 |
| 4.9  | 4.6  | 3.8  | 4.6  | 4.7  | 6.4  | 4.1  |
| 8.8  | 14.2 | 14.5 | 14.1 | 11.9 | 13.4 | 9.5  |
| 0.6  | 1.2  | 1.9  | 1.5  | 0.9  | 1.8  | 1.3  |
| 6.9  | 9.5  | 12.4 | 12.6 | 11.5 | 11.2 | 10.5 |
| 2.4  | 2.3  | 3.4  | 4.1  | 3.7  | 3.0  | 5.2  |
| 0.0  | 0.0  | 0.4  | 0.2  | 0.0  | 0.4  | 0.0  |
| 1.5  | 2.0  | 2.1  | 2.0  | 1.9  | 1.8  | 3.4  |
| 2.2  | 3.4  | 3.9  | 3.8  | 3.0  | 3.4  | 4.3  |
| 5.0  | 5.4  | 3.9  | 3.5  | 7.4  | 8.3  | 1.3  |
| 33.6 | 54.9 | 48.9 | 52.5 | 65.5 | 63.6 | 51.0 |
| 0.4  | 0.4  | 0.7  | 0.6  | 0.3  | 0.4  | 0.0  |
| 37.4 | 36.2 | 51.7 | 56.8 | 41.7 | 33.8 | 51.0 |
| 8.9  | 13.7 | 9.3  | 10.3 | 11.4 | 14.3 | 12.4 |
| 29.9 | 31.3 | 28.4 | 38.3 | 30.5 | 28.7 | 41.1 |
| 18.4 | 15.7 | 19.1 | 23.7 | 21.0 | 17.9 | 22.5 |
| 7.0  | 8.3  | 6.4  | 8.9  | 7.0  | 10.6 | 6.9  |
| 19.3 | 17.1 | 18.2 | 18.6 | 22.0 | 19.5 | 17.1 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 6.4  | 5.8  | 6.3  | 8.8  | 7.4  | 7.6  | 10.3 |
| 2.1  | 2.7  | 2.0  | 2.9  | 3.3  | 2.3  | 2.1  |
| 0.1  | 0.2  | 0.3  | 0.1  | 0.2  | 0.6  | 0.0  |
| 1.5  | 1.3  | 2.2  | 2.5  | 1.0  | 1.6  | 0.9  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 36.0 | 37.3 | 38.3 | 49.1 | 50.4 | 40.7 | 65.1 |
| 5.5  | 6.9  | 7.4  | 9.0  | 6.6  | 5.5  | 2.5  |
| 11.5 | 13.8 | 13.5 | 13.8 | 13.9 | 10.8 | 8.6  |

|      |      |       |       |      |       |       |
|------|------|-------|-------|------|-------|-------|
| 0.2  | 0.3  | 0.4   | 0.0   | 0.1  | 0.0   | 0.0   |
| 5.4  | 5.9  | 8.3   | 9.7   | 7.4  | 7.8   | 15.2  |
| 1.8  | 2.0  | 1.9   | 2.2   | 2.2  | 2.3   | 0.6   |
| 0.0  | 0.1  | 0.4   | 0.1   | 0.1  | 0.0   | 0.0   |
| 9.6  | 11.8 | 15.3  | 15.8  | 8.2  | 16.0  | 14.3  |
| 1.7  | 1.3  | 3.9   | 3.0   | 1.5  | 1.2   | 1.4   |
| 0.7  | 1.0  | 0.7   | 1.0   | 0.8  | 0.5   | 0.4   |
| 2.9  | 3.6  | 2.9   | 3.5   | 3.8  | 3.8   | 2.8   |
| 4.1  | 5.0  | 5.1   | 5.0   | 5.8  | 6.7   | 4.5   |
| 0.1  | 0.3  | 0.5   | 0.2   | 0.6  | 0.6   | 0.0   |
| 2.9  | 3.5  | 2.8   | 2.4   | 4.6  | 3.9   | 0.8   |
| 17.2 | 19.4 | 21.7  | 22.0  | 20.0 | 22.6  | 17.1  |
| 1.0  | 2.6  | 1.4   | 1.4   | 1.5  | 3.1   | 2.3   |
| 0.5  | 0.0  | 0.0   | 0.4   | 0.0  | 0.6   | 0.0   |
| 0.1  | 0.0  | 0.2   | 0.2   | 0.0  | 0.0   | 0.0   |
| 28.2 | 34.1 | 36.0  | 43.3  | 34.7 | 31.5  | 30.0  |
| 10.5 | 8.0  | 10.4  | 11.0  | 8.2  | 10.8  | 10.6  |
| 0.9  | 0.7  | 1.3   | 1.3   | 0.2  | 0.3   | 1.8   |
| 0.0  | 0.1  | 0.1   | 0.3   | 0.0  | 0.2   | 0.0   |
| 2.2  | 3.7  | 3.4   | 3.9   | 4.1  | 5.0   | 5.4   |
| 10.9 | 10.9 | 19.8  | 20.2  | 20.5 | 17.8  | 16.6  |
| 6.4  | 7.0  | 9.6   | 10.6  | 8.5  | 7.8   | 6.9   |
| 9.7  | 6.9  | 12.0  | 12.6  | 13.6 | 10.6  | 11.7  |
| 4.0  | 9.0  | 6.0   | 6.9   | 10.5 | 11.1  | 5.1   |
| 19.9 | 20.6 | 19.2  | 23.0  | 23.5 | 21.3  | 24.2  |
| 7.1  | 8.3  | 5.4   | 5.8   | 12.0 | 10.2  | 1.2   |
| 92.8 | 96.9 | 110.1 | 127.9 | 94.2 | 103.4 | 117.5 |
| 2.1  | 3.6  | 5.0   | 3.6   | 3.7  | 2.9   | 1.2   |
| 0.2  | 0.5  | 1.5   | 1.2   | 0.5  | 0.9   | 0.4   |
| 0.1  | 0.1  | 0.1   | 0.1   | 0.1  | 0.1   | 0.0   |
| 0.1  | 0.1  | 0.0   | 0.2   | 0.0  | 0.0   | 0.0   |
| 7.1  | 7.1  | 8.6   | 11.4  | 10.1 | 10.8  | 22.3  |
| 25.8 | 33.8 | 28.7  | 33.0  | 32.6 | 33.9  | 35.8  |
| 4.4  | 4.5  | 3.1   | 3.7   | 5.2  | 5.1   | 1.5   |
| 7.8  | 8.1  | 9.6   | 11.3  | 7.6  | 8.0   | 11.2  |
| 5.8  | 7.5  | 10.5  | 15.1  | 12.3 | 10.3  | 6.9   |
| 0.2  | 0.1  | 0.5   | 0.3   | 0.2  | 0.3   | 0.0   |
| 5.3  | 7.0  | 6.8   | 6.5   | 7.3  | 5.7   | 7.0   |
| 5.4  | 6.3  | 5.4   | 5.8   | 8.8  | 6.8   | 2.6   |
| 21.6 | 28.5 | 18.7  | 22.0  | 33.0 | 14.9  | 3.7   |
| 0.0  | 0.0  | 0.0   | 0.0   | 0.0  | 0.0   | 0.0   |
| 1.0  | 3.4  | 4.4   | 4.0   | 2.3  | 4.7   | 2.5   |
| 30.8 | 26.1 | 41.9  | 50.8  | 45.2 | 42.1  | 59.0  |
| 15.8 | 14.9 | 17.8  | 23.2  | 24.9 | 20.4  | 22.0  |
| 15.3 | 10.7 | 14.4  | 18.7  | 17.2 | 21.3  | 21.1  |
| 18.8 | 24.8 | 23.6  | 26.5  | 23.5 | 28.6  | 15.8  |
| 3.6  | 3.6  | 2.6   | 2.4   | 4.7  | 4.2   | 2.7   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.1  | 0.2  | 0.0  | 0.0  | 0.2  | 0.1  | 0.0  |
| 3.1  | 4.8  | 3.7  | 4.4  | 6.3  | 4.8  | 2.2  |
| 78.6 | 72.4 | 72.4 | 66.0 | 80.9 | 73.6 | 77.8 |
| 2.5  | 2.8  | 2.4  | 2.8  | 4.4  | 4.1  | 3.8  |
| 0.1  | 0.2  | 0.5  | 0.5  | 0.3  | 0.5  | 0.0  |
| 31.6 | 52.5 | 47.4 | 51.4 | 41.7 | 44.4 | 55.2 |
| 15.6 | 26.7 | 23.1 | 24.6 | 27.5 | 28.9 | 10.0 |
| 17.5 | 20.2 | 19.4 | 20.5 | 23.7 | 16.7 | 10.2 |
| 7.3  | 12.4 | 10.4 | 9.0  | 10.1 | 11.4 | 7.2  |
| 5.6  | 2.8  | 4.5  | 4.3  | 4.9  | 4.4  | 9.3  |
| 3.8  | 5.0  | 3.3  | 2.8  | 5.2  | 5.4  | 2.8  |
| 5.8  | 6.4  | 6.1  | 6.0  | 6.3  | 7.3  | 2.5  |
| 0.2  | 0.2  | 0.0  | 0.1  | 0.4  | 0.3  | 0.0  |
| 1.1  | 1.6  | 1.0  | 0.9  | 1.7  | 2.0  | 0.1  |
| 18.6 | 23.6 | 23.3 | 24.0 | 25.6 | 23.4 | 31.1 |
| 0.4  | 0.4  | 1.5  | 1.3  | 0.9  | 1.4  | 0.0  |
| 0.5  | 0.6  | 0.6  | 0.7  | 0.8  | 0.5  | 1.0  |
| 7.6  | 8.2  | 7.8  | 8.9  | 9.8  | 9.2  | 8.1  |
| 1.2  | 1.6  | 1.4  | 1.2  | 2.8  | 1.9  | 1.3  |
| 0.0  | 0.0  | 0.2  | 0.3  | 0.0  | 0.0  | 0.0  |
| 4.8  | 7.0  | 5.2  | 4.8  | 6.1  | 5.4  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.6  | 0.8  | 1.9  | 2.1  | 1.1  | 2.7  | 0.4  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.3  | 0.0  | 0.0  |
| 1.9  | 1.9  | 1.4  | 1.9  | 2.3  | 1.8  | 2.5  |
| 1.4  | 1.0  | 2.0  | 1.2  | 1.4  | 1.5  | 0.0  |
| 8.9  | 17.3 | 20.8 | 22.3 | 18.9 | 17.9 | 21.1 |
| 5.5  | 6.2  | 5.4  | 5.5  | 7.7  | 7.2  | 7.6  |
| 0.3  | 0.5  | 1.0  | 1.1  | 0.6  | 0.5  | 1.5  |
| 0.1  | 0.1  | 0.1  | 0.0  | 0.5  | 0.5  | 0.1  |
| 12.6 | 16.1 | 18.2 | 19.8 | 14.8 | 15.3 | 18.8 |
| 5.2  | 6.2  | 5.7  | 5.3  | 8.6  | 7.9  | 2.1  |
| 0.0  | 0.1  | 0.5  | 0.1  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.4  | 0.2  | 0.0  | 0.0  | 0.0  |
| 3.8  | 6.1  | 7.9  | 9.6  | 8.9  | 8.6  | 10.0 |
| 5.5  | 6.4  | 5.5  | 5.7  | 8.3  | 7.6  | 5.3  |
| 9.1  | 9.4  | 11.4 | 15.0 | 9.9  | 6.7  | 9.1  |
| 5.8  | 7.0  | 7.8  | 6.7  | 7.2  | 8.1  | 7.5  |
| 17.8 | 21.8 | 22.7 | 22.2 | 21.7 | 20.1 | 20.3 |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.2  | 0.0  |
| 5.6  | 3.8  | 4.3  | 4.6  | 7.1  | 6.6  | 1.2  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  |
| 13.9 | 14.5 | 17.5 | 10.5 | 13.3 | 14.0 | 10.5 |
| 0.0  | 0.0  | 0.4  | 0.4  | 0.0  | 0.1  | 0.0  |
| 2.2  | 3.4  | 3.1  | 3.5  | 2.0  | 2.4  | 1.2  |
| 1.2  | 1.6  | 1.2  | 1.4  | 1.8  | 1.0  | 0.6  |
| 6.8  | 12.0 | 6.7  | 7.5  | 8.2  | 10.6 | 9.6  |

|       |       |       |       |       |       |      |
|-------|-------|-------|-------|-------|-------|------|
| 3.6   | 3.3   | 3.3   | 3.1   | 5.3   | 4.1   | 5.0  |
| 2.5   | 3.5   | 4.9   | 3.9   | 4.0   | 3.7   | 2.4  |
| 3.0   | 4.4   | 5.7   | 4.6   | 5.0   | 4.3   | 4.0  |
| 8.9   | 9.1   | 7.3   | 7.3   | 12.4  | 10.4  | 4.6  |
| 0.2   | 0.3   | 0.4   | 0.5   | 0.2   | 0.6   | 0.0  |
| 207.5 | 267.6 | 126.8 | 120.1 | 163.4 | 264.5 | 95.6 |
| 0.1   | 0.0   | 0.5   | 0.2   | 0.1   | 0.0   | 0.0  |
| 0.2   | 0.3   | 0.5   | 0.6   | 0.3   | 0.5   | 0.1  |
| 55.2  | 59.5  | 62.8  | 76.4  | 59.0  | 62.9  | 44.1 |
| 0.7   | 1.0   | 0.4   | 0.5   | 1.1   | 1.3   | 1.2  |
| 22.2  | 22.9  | 34.0  | 39.8  | 28.6  | 27.4  | 23.8 |
| 5.6   | 8.7   | 7.2   | 7.4   | 8.5   | 9.3   | 8.7  |
| 1.2   | 1.3   | 0.7   | 1.3   | 1.6   | 1.1   | 0.5  |
| 11.0  | 16.4  | 17.4  | 19.0  | 14.9  | 18.7  | 19.7 |
| 9.6   | 8.3   | 10.0  | 12.1  | 10.3  | 9.3   | 13.8 |
| 1.3   | 2.0   | 2.5   | 2.1   | 1.5   | 2.6   | 4.0  |
| 0.2   | 0.1   | 0.4   | 0.2   | 0.3   | 0.0   | 0.1  |
| 1.1   | 1.7   | 1.2   | 1.9   | 2.0   | 1.4   | 1.1  |
| 2.1   | 2.4   | 2.2   | 2.0   | 3.2   | 2.9   | 1.5  |
| 4.0   | 4.0   | 4.8   | 4.6   | 6.0   | 5.6   | 3.1  |
| 11.4  | 13.1  | 14.0  | 14.3  | 12.7  | 13.6  | 14.9 |
| 4.1   | 4.4   | 4.0   | 3.8   | 6.3   | 3.6   | 2.5  |
| 0.3   | 0.3   | 0.3   | 0.3   | 0.4   | 0.4   | 0.5  |
| 4.2   | 5.3   | 4.4   | 4.2   | 4.4   | 7.0   | 5.5  |
| 12.5  | 14.8  | 18.0  | 19.3  | 26.7  | 17.0  | 4.6  |
| 0.1   | 0.3   | 0.3   | 0.1   | 0.1   | 0.2   | 0.0  |
| 58.3  | 58.8  | 65.5  | 84.1  | 66.3  | 69.7  | 81.6 |
| 15.4  | 23.9  | 20.8  | 24.9  | 14.4  | 15.5  | 38.1 |
| 0.6   | 1.2   | 1.4   | 1.5   | 1.1   | 1.8   | 1.8  |
| 2.1   | 1.9   | 3.2   | 3.5   | 3.0   | 3.8   | 3.0  |
| 4.4   | 4.7   | 4.5   | 5.2   | 5.2   | 4.7   | 8.7  |
| 20.6  | 25.2  | 26.4  | 29.9  | 19.6  | 32.3  | 24.0 |
| 0.0   | 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0  |
| 4.3   | 6.1   | 7.5   | 7.0   | 5.7   | 8.3   | 2.8  |
| 4.4   | 6.7   | 3.4   | 3.3   | 5.9   | 5.1   | 2.1  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 12.7  | 14.0  | 13.4  | 12.3  | 14.9  | 18.8  | 18.2 |
| 2.2   | 2.1   | 1.8   | 1.6   | 1.7   | 1.9   | 2.4  |
| 0.1   | 0.0   | 0.1   | 0.2   | 0.0   | 0.0   | 0.0  |
| 12.6  | 19.3  | 23.4  | 28.5  | 18.8  | 19.0  | 13.7 |
| 28.5  | 28.3  | 22.1  | 18.7  | 31.5  | 31.8  | 21.1 |
| 0.3   | 0.4   | 1.3   | 0.8   | 0.6   | 0.7   | 0.0  |
| 2.8   | 1.9   | 1.8   | 1.7   | 2.3   | 3.2   | 0.0  |
| 8.9   | 11.3  | 12.9  | 10.6  | 14.2  | 11.9  | 8.0  |
| 8.5   | 9.2   | 5.4   | 6.3   | 7.2   | 9.4   | 8.0  |
| 0.2   | 0.3   | 1.3   | 1.0   | 0.7   | 0.6   | 0.0  |
| 14.9  | 22.6  | 21.4  | 25.5  | 22.0  | 25.5  | 22.6 |



|      |      |      |       |      |      |      |
|------|------|------|-------|------|------|------|
| 20.9 | 17.5 | 22.7 | 27.1  | 26.0 | 23.5 | 21.7 |
| 3.7  | 3.8  | 4.3  | 4.5   | 5.3  | 6.8  | 1.9  |
| 16.7 | 24.7 | 26.7 | 29.1  | 22.7 | 27.0 | 25.4 |
| 8.3  | 13.6 | 12.2 | 11.0  | 12.4 | 11.7 | 17.9 |
| 8.5  | 9.4  | 10.2 | 11.4  | 14.4 | 11.5 | 10.8 |
| 11.7 | 15.4 | 8.7  | 8.4   | 8.5  | 15.7 | 18.2 |
| 3.2  | 3.1  | 3.9  | 3.6   | 4.2  | 2.7  | 0.5  |
| 0.0  | 0.1  | 0.2  | 0.1   | 0.2  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.6  | 0.6   | 0.1  | 0.4  | 0.5  |
| 14.4 | 17.4 | 12.8 | 11.3  | 20.3 | 17.6 | 1.7  |
| 9.1  | 9.6  | 13.8 | 12.5  | 10.5 | 9.1  | 7.9  |
| 2.4  | 2.9  | 4.4  | 5.2   | 3.0  | 2.9  | 4.6  |
| 7.5  | 14.1 | 11.6 | 10.5  | 13.1 | 14.6 | 12.6 |
| 27.7 | 39.0 | 27.8 | 28.7  | 40.6 | 43.9 | 10.9 |
| 3.0  | 2.9  | 3.0  | 3.2   | 4.6  | 4.0  | 2.0  |
| 0.0  | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
| 27.5 | 25.8 | 20.7 | 18.7  | 24.4 | 32.8 | 22.6 |
| 0.1  | 0.1  | 0.2  | 0.1   | 0.1  | 0.0  | 0.2  |
| 8.9  | 10.9 | 9.9  | 10.1  | 8.1  | 11.5 | 11.4 |
| 7.5  | 5.7  | 5.8  | 6.3   | 4.6  | 9.3  | 8.9  |
| 20.0 | 22.1 | 34.4 | 38.5  | 26.4 | 28.7 | 31.3 |
| 0.2  | 0.1  | 0.8  | 0.3   | 0.3  | 0.4  | 0.0  |
| 0.4  | 0.6  | 2.0  | 1.1   | 0.5  | 1.5  | 0.5  |
| 3.6  | 6.9  | 5.5  | 7.8   | 4.7  | 6.9  | 2.7  |
| 0.1  | 0.1  | 0.4  | 0.5   | 0.0  | 0.4  | 0.0  |
| 0.1  | 0.0  | 0.4  | 0.2   | 0.0  | 0.0  | 0.0  |
| 36.6 | 31.5 | 36.4 | 34.0  | 41.7 | 43.4 | 44.4 |
| 1.2  | 2.0  | 3.1  | 2.2   | 1.8  | 2.1  | 0.8  |
| 1.4  | 1.0  | 1.2  | 1.2   | 1.5  | 1.4  | 1.6  |
| 4.5  | 8.0  | 8.2  | 7.6   | 11.4 | 10.4 | 2.5  |
| 0.0  | 0.1  | 0.6  | 0.8   | 0.0  | 0.0  | 1.0  |
| 19.0 | 19.3 | 18.3 | 19.0  | 26.2 | 23.6 | 16.8 |
| 2.3  | 2.8  | 3.1  | 2.4   | 1.7  | 2.2  | 2.8  |
| 10.3 | 12.7 | 10.2 | 12.9  | 11.7 | 14.2 | 10.1 |
| 11.3 | 10.3 | 8.5  | 8.3   | 13.9 | 11.9 | 6.6  |
| 8.5  | 8.2  | 9.0  | 11.4  | 9.8  | 8.9  | 13.6 |
| 0.0  | 0.0  | 0.1  | 0.1   | 0.0  | 0.0  | 0.0  |
| 32.0 | 39.3 | 94.8 | 109.4 | 61.8 | 80.3 | 75.7 |
| 0.1  | 0.3  | 1.0  | 0.0   | 0.2  | 0.0  | 0.0  |
| 0.0  | 0.2  | 0.4  | 0.0   | 0.0  | 0.2  | 0.0  |
| 2.1  | 3.1  | 2.3  | 2.7   | 4.6  | 2.8  | 2.3  |
| 7.1  | 5.7  | 6.6  | 7.6   | 7.8  | 7.2  | 4.6  |
| 3.1  | 5.2  | 3.5  | 4.9   | 4.0  | 8.9  | 5.4  |
| 0.1  | 0.3  | 0.8  | 0.7   | 0.3  | 0.6  | 0.1  |
| 3.7  | 6.0  | 9.2  | 6.9   | 5.6  | 7.6  | 1.9  |
| 9.8  | 9.7  | 8.7  | 13.9  | 14.5 | 17.5 | 24.5 |
| 2.1  | 2.0  | 1.7  | 2.6   | 2.5  | 2.1  | 0.3  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 1.0  | 1.3  | 1.9  | 2.0  | 2.4  | 2.1  | 0.5  |
| 57.5 | 45.1 | 63.9 | 68.8 | 47.1 | 52.0 | 76.0 |
| 14.9 | 13.2 | 13.0 | 11.9 | 19.6 | 19.3 | 8.2  |
| 24.9 | 36.0 | 32.1 | 30.7 | 35.7 | 33.1 | 18.6 |
| 6.6  | 26.5 | 17.6 | 16.6 | 27.9 | 26.0 | 16.5 |
| 1.0  | 0.9  | 2.1  | 1.7  | 1.6  | 1.0  | 3.1  |
| 0.0  | 0.2  | 0.9  | 0.0  | 0.0  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.2  | 0.5  | 0.0  |
| 0.1  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 4.5  | 5.5  | 7.6  | 4.8  | 3.6  | 5.6  | 5.3  |
| 22.6 | 28.1 | 25.9 | 30.4 | 29.7 | 26.7 | 28.0 |
| 0.1  | 0.3  | 0.4  | 0.1  | 0.4  | 0.3  | 0.0  |
| 0.6  | 0.7  | 0.1  | 0.4  | 0.3  | 0.5  | 0.2  |
| 0.2  | 0.3  | 0.8  | 1.0  | 0.4  | 1.1  | 0.0  |
| 0.6  | 0.4  | 1.8  | 1.9  | 0.9  | 0.5  | 0.0  |
| 14.0 | 21.1 | 19.4 | 20.4 | 22.2 | 20.9 | 12.0 |
| 10.2 | 8.3  | 6.9  | 7.4  | 9.9  | 5.2  | 2.0  |
| 0.1  | 0.1  | 0.7  | 1.3  | 0.1  | 0.2  | 0.0  |
| 18.5 | 14.2 | 16.2 | 21.6 | 18.3 | 12.9 | 32.2 |
| 1.5  | 2.2  | 1.8  | 1.7  | 1.3  | 1.1  | 2.3  |
| 2.8  | 2.5  | 2.6  | 2.1  | 1.9  | 1.3  | 1.0  |
| 0.9  | 1.4  | 1.9  | 2.3  | 1.2  | 1.6  | 0.0  |
| 1.2  | 2.6  | 2.5  | 3.8  | 2.2  | 2.1  | 2.5  |
| 0.1  | 0.1  | 0.2  | 0.1  | 0.1  | 0.0  | 0.0  |
| 6.8  | 8.9  | 6.8  | 5.8  | 8.2  | 10.1 | 7.1  |
| 0.1  | 0.1  | 0.1  | 0.2  | 0.2  | 0.2  | 0.0  |
| 3.3  | 3.6  | 2.4  | 2.0  | 1.6  | 5.4  | 3.4  |
| 5.8  | 7.0  | 6.5  | 7.1  | 9.0  | 6.3  | 5.3  |
| 2.7  | 2.8  | 4.9  | 5.9  | 5.1  | 3.4  | 4.3  |
| 0.5  | 0.5  | 0.6  | 1.1  | 0.3  | 0.2  | 0.0  |
| 4.4  | 4.9  | 5.6  | 6.5  | 5.1  | 5.5  | 3.3  |
| 1.7  | 2.5  | 3.1  | 2.8  | 2.5  | 4.1  | 2.4  |
| 0.0  | 0.0  | 0.2  | 0.4  | 0.0  | 0.0  | 0.0  |
| 1.6  | 2.1  | 2.0  | 3.3  | 2.6  | 2.2  | 0.9  |
| 0.7  | 1.1  | 1.5  | 1.7  | 1.2  | 1.5  | 0.8  |
| 17.2 | 19.8 | 24.3 | 25.3 | 19.8 | 28.6 | 34.9 |
| 0.4  | 0.2  | 0.7  | 0.4  | 0.1  | 0.1  | 0.0  |
| 0.2  | 0.5  | 0.7  | 0.4  | 0.5  | 0.9  | 0.0  |
| 0.1  | 0.0  | 1.7  | 0.8  | 0.8  | 0.0  | 0.0  |
| 0.2  | 0.1  | 0.1  | 0.0  | 0.0  | 0.3  | 0.0  |
| 19.8 | 29.2 | 36.1 | 32.8 | 35.4 | 33.6 | 23.9 |
| 4.2  | 5.7  | 5.4  | 5.1  | 5.2  | 3.5  | 7.1  |
| 1.3  | 1.6  | 1.6  | 1.3  | 1.7  | 2.0  | 3.6  |
| 16.3 | 18.5 | 15.6 | 14.6 | 20.6 | 22.0 | 5.6  |
| 1.3  | 1.4  | 1.9  | 1.7  | 1.3  | 1.7  | 1.8  |
| 1.1  | 1.3  | 0.9  | 1.0  | 1.0  | 0.7  | 0.6  |
| 19.2 | 29.3 | 28.6 | 28.0 | 24.7 | 29.2 | 26.5 |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 34.3  | 31.1  | 41.2  | 47.4  | 44.2  | 38.0  | 26.3  |
| 4.2   | 6.5   | 7.6   | 8.1   | 6.3   | 7.2   | 1.5   |
| 9.8   | 12.6  | 5.0   | 6.0   | 10.1  | 12.3  | 5.3   |
| 13.7  | 11.3  | 15.1  | 15.3  | 12.9  | 12.8  | 10.4  |
| 22.1  | 25.2  | 20.0  | 25.3  | 22.2  | 25.2  | 25.7  |
| 7.8   | 8.3   | 8.1   | 7.5   | 10.3  | 8.8   | 4.1   |
| 0.1   | 0.1   | 0.0   | 0.0   | 0.2   | 0.0   | 0.0   |
| 5.9   | 8.7   | 5.3   | 5.1   | 5.2   | 9.9   | 10.0  |
| 1.1   | 1.7   | 1.1   | 2.2   | 1.8   | 1.7   | 0.5   |
| 0.4   | 1.1   | 2.0   | 2.6   | 1.1   | 1.1   | 0.6   |
| 0.1   | 0.2   | 0.1   | 0.2   | 0.0   | 0.5   | 0.0   |
| 0.0   | 0.1   | 0.3   | 0.3   | 0.3   | 0.1   | 0.0   |
| 99.9  | 113.4 | 104.6 | 120.4 | 110.3 | 106.6 | 153.3 |
| 0.0   | 0.0   | 0.3   | 0.1   | 0.0   | 0.1   | 0.0   |
| 20.3  | 35.4  | 27.9  | 32.2  | 27.0  | 36.3  | 44.9  |
| 8.6   | 9.8   | 8.9   | 8.1   | 12.7  | 8.4   | 7.2   |
| 3.6   | 3.6   | 3.5   | 5.5   | 2.0   | 2.5   | 4.2   |
| 0.5   | 0.7   | 0.8   | 0.8   | 0.6   | 1.1   | 0.9   |
| 48.0  | 65.6  | 45.0  | 51.9  | 60.2  | 53.6  | 57.0  |
| 0.4   | 0.4   | 0.3   | 0.5   | 0.2   | 0.2   | 0.0   |
| 0.0   | 0.2   | 0.9   | 0.2   | 0.0   | 0.2   | 0.0   |
| 0.0   | 0.1   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   |
| 1.2   | 1.3   | 1.0   | 0.9   | 1.1   | 1.2   | 0.6   |
| 8.6   | 10.7  | 8.4   | 9.9   | 8.1   | 17.8  | 23.8  |
| 5.4   | 8.2   | 3.6   | 4.0   | 6.4   | 9.4   | 3.1   |
| 7.1   | 8.2   | 6.6   | 8.1   | 10.3  | 7.6   | 7.2   |
| 25.5  | 35.9  | 19.5  | 18.3  | 18.3  | 19.8  | 10.7  |
| 3.6   | 4.0   | 5.0   | 6.8   | 6.7   | 5.0   | 6.0   |
| 15.4  | 15.9  | 15.0  | 18.0  | 16.5  | 16.8  | 14.4  |
| 0.1   | 0.2   | 0.1   | 0.1   | 0.5   | 0.4   | 0.0   |
| 0.4   | 0.1   | 0.8   | 0.5   | 0.6   | 0.2   | 0.3   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 127.0 | 164.4 | 99.4  | 125.0 | 148.2 | 157.6 | 153.4 |
| 0.6   | 0.0   | 0.0   | 1.1   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.4   | 0.9   | 0.3   | 0.4   | 0.3   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   |
| 1.4   | 0.4   | 1.2   | 0.6   | 0.7   | 0.7   | 0.0   |
| 6.0   | 6.9   | 2.6   | 2.9   | 4.5   | 6.0   | 6.9   |
| 102.9 | 111.3 | 70.1  | 66.7  | 87.5  | 107.7 | 55.2  |
| 2.1   | 1.5   | 0.3   | 0.5   | 1.2   | 1.1   | 0.0   |
| 11.4  | 14.0  | 11.4  | 13.6  | 11.6  | 11.8  | 5.3   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.4   | 0.0   |
| 7.6   | 8.5   | 11.0  | 9.7   | 13.0  | 13.6  | 7.4   |
| 0.0   | 0.0   | 0.2   | 0.2   | 0.0   | 0.0   | 0.0   |
| 16.3  | 14.5  | 15.3  | 15.8  | 21.8  | 14.3  | 12.1  |
| 0.0   | 0.0   | 1.4   | 1.8   | 0.0   | 1.2   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |

|       |       |       |        |       |       |        |
|-------|-------|-------|--------|-------|-------|--------|
| 0.1   | 0.0   | 0.0   | 0.1    | 0.0   | 0.1   | 0.0    |
| 2.2   | 2.7   | 2.4   | 3.0    | 3.3   | 3.2   | 2.7    |
| 1.0   | 1.3   | 1.2   | 0.9    | 0.9   | 1.2   | 1.4    |
| 0.0   | 0.0   | 0.2   | 0.7    | 0.2   | 0.0   | 0.0    |
| 0.0   | 0.0   | 0.0   | 0.0    | 0.5   | 1.1   | 0.0    |
| 0.0   | 0.2   | 0.4   | 0.2    | 0.0   | 0.0   | 1.5    |
| 0.0   | 0.8   | 0.0   | 0.2    | 0.0   | 0.0   | 0.0    |
| 10.6  | 15.1  | 18.3  | 18.7   | 17.3  | 15.0  | 17.9   |
| 0.0   | 0.0   | 0.1   | 0.4    | 0.2   | 0.0   | 0.0    |
| 0.2   | 0.0   | 0.0   | 0.2    | 0.0   | 0.0   | 0.0    |
| 0.0   | 0.0   | 1.4   | 0.6    | 0.0   | 0.7   | 0.0    |
| 0.1   | 0.0   | 1.4   | 0.8    | 0.1   | 0.2   | 0.0    |
| 0.1   | 0.4   | 0.5   | 0.3    | 0.3   | 0.4   | 0.0    |
| 0.1   | 0.0   | 0.1   | 0.9    | 0.7   | 0.0   | 0.7    |
| 0.1   | 0.2   | 0.6   | 0.5    | 0.0   | 0.2   | 0.0    |
| 0.0   | 0.1   | 0.6   | 0.4    | 0.0   | 1.1   | 0.0    |
| 0.0   | 0.0   | 0.0   | 0.0    | 0.1   | 0.0   | 0.0    |
| 0.1   | 0.1   | 0.4   | 0.3    | 0.2   | 0.0   | 0.0    |
| 1.3   | 2.6   | 1.7   | 0.8    | 1.8   | 0.9   | 0.0    |
| 0.3   | 0.4   | 1.0   | 0.4    | 0.3   | 0.5   | 0.0    |
| 2.1   | 2.9   | 2.7   | 1.4    | 2.4   | 3.4   | 0.8    |
| 38.1  | 42.6  | 45.2  | 54.7   | 39.5  | 46.5  | 54.0   |
| 7.0   | 9.6   | 8.9   | 8.5    | 10.2  | 11.4  | 2.8    |
| 255.8 | 240.7 | 228.3 | 288.8  | 228.4 | 235.4 | 410.8  |
| 0.0   | 0.0   | 0.0   | 0.1    | 0.0   | 0.3   | 0.0    |
| 0.0   | 0.0   | 0.1   | 0.0    | 0.0   | 0.0   | 0.0    |
| 9.1   | 8.4   | 11.5  | 11.9   | 8.7   | 7.8   | 11.2   |
| 5.7   | 10.8  | 14.1  | 14.3   | 9.5   | 14.5  | 15.8   |
| 2.1   | 1.9   | 1.8   | 2.3    | 2.0   | 2.6   | 4.4    |
| 177.8 | 262.4 | 156.4 | 169.5  | 223.4 | 220.1 | 144.3  |
| 0.4   | 1.2   | 2.3   | 1.8    | 0.8   | 2.2   | 0.1    |
| 1.2   | 1.1   | 2.2   | 2.0    | 1.8   | 2.6   | 0.0    |
| 0.7   | 0.9   | 1.7   | 1.9    | 1.6   | 0.6   | 0.0    |
| 20.6  | 22.8  | 20.9  | 17.5   | 26.7  | 25.0  | 7.0    |
| 12.3  | 20.6  | 20.3  | 23.0   | 21.1  | 18.5  | 21.4   |
| 14.7  | 19.3  | 20.9  | 25.7   | 13.8  | 14.7  | 17.9   |
| 0.0   | 0.1   | 0.2   | 0.1    | 0.2   | 0.4   | 0.0    |
| 1.1   | 1.2   | 3.0   | 2.6    | 1.2   | 3.4   | 2.0    |
| 4.9   | 5.7   | 4.6   | 5.4    | 6.8   | 6.7   | 3.5    |
| 751.7 | 938.7 | 889.6 | 1035.6 | 943.8 | 928.8 | 1236.4 |
| 6.9   | 6.2   | 7.4   | 8.0    | 8.9   | 8.5   | 11.1   |
| 0.5   | 0.5   | 0.9   | 0.2    | 0.0   | 0.5   | 0.0    |
| 0.0   | 0.0   | 0.2   | 0.2    | 0.0   | 0.0   | 0.0    |
| 0.0   | 0.0   | 0.0   | 0.0    | 0.0   | 0.0   | 0.0    |
| 1.4   | 0.8   | 1.1   | 1.0    | 0.4   | 1.2   | 0.7    |
| 11.0  | 10.9  | 8.4   | 10.6   | 11.7  | 9.8   | 8.1    |
| 33.8  | 47.3  | 44.9  | 59.8   | 38.4  | 48.2  | 46.2   |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 25.6  | 27.7  | 30.5  | 27.7  | 32.0  | 28.7  | 24.9  |
| 414.5 | 439.1 | 371.9 | 427.2 | 432.1 | 398.4 | 512.7 |
| 10.1  | 12.7  | 12.3  | 11.6  | 15.3  | 14.9  | 6.1   |
| 89.6  | 123.3 | 91.1  | 96.2  | 132.0 | 138.6 | 69.0  |
| 25.4  | 41.1  | 35.8  | 31.5  | 39.0  | 30.5  | 34.9  |
| 8.9   | 8.5   | 12.0  | 11.1  | 13.8  | 12.6  | 6.1   |
| 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.8   | 1.6   | 0.2   | 0.6   | 0.9   | 0.8   | 0.3   |
| 0.1   | 0.0   | 0.0   | 0.3   | 0.1   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.1   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.0   | 0.3   | 0.4   | 0.0   | 0.3   | 0.0   |
| 62.5  | 82.0  | 95.5  | 115.7 | 105.5 | 96.3  | 82.7  |
| 7.8   | 11.1  | 8.0   | 10.4  | 16.0  | 18.0  | 6.8   |
| 9.6   | 8.5   | 10.5  | 9.6   | 15.0  | 10.5  | 8.9   |
| 0.3   | 0.3   | 0.6   | 0.4   | 0.1   | 0.4   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.2   | 0.0   | 0.0   | 0.0   |
| 9.6   | 10.8  | 13.1  | 14.9  | 14.7  | 9.5   | 13.1  |
| 0.0   | 0.1   | 0.3   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.7   | 3.8   | 3.8   | 3.3   | 4.5   | 5.6   | 6.0   |
| 4.4   | 3.7   | 4.4   | 5.4   | 5.0   | 4.8   | 8.0   |
| 7.6   | 9.6   | 5.6   | 6.6   | 11.1  | 10.6  | 1.6   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.2   | 0.0   |
| 4.0   | 5.7   | 5.4   | 5.9   | 4.6   | 6.1   | 4.7   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.0   |
| 2.6   | 3.6   | 5.4   | 6.3   | 2.3   | 4.6   | 5.9   |
| 21.4  | 21.3  | 26.8  | 23.4  | 24.5  | 26.9  | 28.6  |
| 0.1   | 0.0   | 0.1   | 0.2   | 0.0   | 0.0   | 0.0   |
| 2.2   | 1.9   | 1.1   | 1.3   | 3.0   | 2.8   | 1.0   |
| 6.2   | 9.3   | 10.4  | 12.1  | 8.3   | 13.2  | 8.4   |
| 2.4   | 2.4   | 2.5   | 2.8   | 2.4   | 3.1   | 1.9   |
| 0.0   | 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   |
| 5.9   | 9.2   | 7.9   | 8.7   | 9.2   | 9.0   | 5.1   |
| 11.0  | 14.9  | 17.4  | 20.9  | 21.7  | 10.2  | 13.7  |
| 0.0   | 0.1   | 0.2   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.3   | 0.0   | 0.8   | 0.7   | 0.4   | 2.4   | 0.0   |
| 7.5   | 6.7   | 5.8   | 5.0   | 6.8   | 10.6  | 4.3   |
| 0.6   | 1.7   | 2.1   | 2.2   | 1.3   | 1.5   | 1.1   |
| 23.4  | 23.3  | 28.9  | 28.6  | 21.8  | 22.1  | 26.9  |
| 0.1   | 0.3   | 0.6   | 0.4   | 0.5   | 1.0   | 0.0   |
| 10.5  | 14.2  | 12.8  | 16.1  | 14.8  | 17.1  | 28.6  |
| 0.1   | 0.3   | 0.6   | 0.7   | 0.2   | 0.7   | 0.3   |
| 28.4  | 31.1  | 32.0  | 27.0  | 37.6  | 35.4  | 21.7  |
| 0.1   | 0.2   | 0.3   | 0.2   | 0.2   | 0.5   | 0.0   |
| 14.2  | 18.4  | 10.7  | 11.2  | 20.4  | 16.6  | 7.7   |
| 16.4  | 13.4  | 18.8  | 19.3  | 19.4  | 17.2  | 17.5  |
| 13.0  | 23.1  | 22.4  | 22.4  | 20.6  | 21.4  | 7.4   |
| 45.2  | 34.5  | 54.9  | 58.4  | 46.6  | 52.5  | 66.9  |

|      |      |      |      |      |       |       |
|------|------|------|------|------|-------|-------|
| 45.9 | 51.8 | 49.7 | 47.1 | 51.8 | 49.8  | 53.0  |
| 0.1  | 0.0  | 0.0  | 0.5  | 0.0  | 0.2   | 0.0   |
| 1.9  | 1.8  | 1.5  | 1.6  | 1.1  | 1.5   | 2.4   |
| 2.4  | 2.0  | 2.3  | 1.5  | 2.1  | 2.7   | 1.7   |
| 2.7  | 3.9  | 2.6  | 2.2  | 3.6  | 4.2   | 6.4   |
| 7.6  | 9.6  | 9.1  | 10.1 | 7.8  | 12.7  | 4.8   |
| 8.7  | 10.5 | 11.8 | 12.5 | 9.5  | 7.2   | 10.0  |
| 10.7 | 16.4 | 11.2 | 12.6 | 18.3 | 15.8  | 8.4   |
| 0.0  | 0.2  | 0.8  | 0.3  | 0.2  | 0.2   | 0.0   |
| 72.9 | 73.1 | 74.2 | 92.3 | 87.8 | 102.7 | 110.7 |
| 0.1  | 0.1  | 0.0  | 0.4  | 0.1  | 0.0   | 0.0   |
| 0.2  | 0.2  | 0.2  | 0.3  | 0.3  | 0.3   | 0.2   |
| 4.2  | 5.9  | 5.3  | 6.8  | 6.7  | 5.9   | 3.9   |
| 0.1  | 0.1  | 0.8  | 0.3  | 0.2  | 0.3   | 0.3   |
| 0.1  | 0.0  | 0.7  | 0.3  | 0.0  | 1.6   | 0.0   |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.2   | 0.0   |
| 0.1  | 0.1  | 0.0  | 0.1  | 1.2  | 0.4   | 0.0   |
| 5.7  | 6.3  | 4.7  | 4.9  | 8.2  | 9.6   | 3.4   |
| 0.1  | 0.1  | 0.2  | 0.2  | 0.0  | 0.0   | 0.0   |
| 0.0  | 0.0  | 0.2  | 0.3  | 0.0  | 0.2   | 0.0   |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0   | 0.1   |
| 1.2  | 1.0  | 1.2  | 1.4  | 0.7  | 1.1   | 1.5   |
| 9.2  | 9.4  | 8.1  | 8.6  | 13.3 | 13.6  | 3.7   |
| 1.0  | 2.0  | 3.0  | 3.7  | 2.3  | 2.1   | 0.5   |
| 0.1  | 0.2  | 0.0  | 0.2  | 0.0  | 0.0   | 0.0   |
| 5.6  | 11.1 | 8.8  | 8.3  | 10.2 | 11.8  | 11.2  |
| 1.0  | 1.3  | 2.0  | 1.6  | 0.9  | 1.7   | 0.3   |
| 3.8  | 5.0  | 4.4  | 4.4  | 5.0  | 4.6   | 1.9   |
| 0.3  | 0.1  | 0.8  | 0.9  | 0.2  | 0.0   | 0.0   |
| 0.3  | 0.3  | 0.2  | 0.7  | 0.5  | 0.1   | 0.4   |
| 0.0  | 0.0  | 0.8  | 0.7  | 0.2  | 0.1   | 0.0   |
| 0.0  | 0.1  | 0.2  | 0.0  | 0.0  | 0.2   | 0.0   |
| 0.3  | 0.0  | 1.0  | 0.0  | 0.2  | 0.0   | 0.0   |
| 0.0  | 0.0  | 1.2  | 0.5  | 0.0  | 0.1   | 0.0   |
| 0.1  | 0.9  | 1.3  | 1.3  | 0.4  | 0.4   | 0.3   |
| 10.7 | 16.1 | 18.0 | 19.9 | 14.5 | 17.2  | 19.7  |
| 14.4 | 17.7 | 17.1 | 17.3 | 17.0 | 16.4  | 13.5  |
| 4.6  | 5.3  | 5.3  | 7.1  | 5.1  | 4.5   | 4.1   |
| 0.0  | 0.2  | 0.9  | 1.3  | 0.0  | 0.0   | 0.0   |
| 0.0  | 0.1  | 0.0  | 0.1  | 0.0  | 0.0   | 0.0   |
| 25.4 | 27.9 | 27.9 | 37.0 | 24.9 | 24.7  | 29.2  |
| 16.2 | 25.2 | 27.0 | 35.4 | 23.0 | 20.0  | 24.9  |
| 0.1  | 0.1  | 0.9  | 0.4  | 0.0  | 0.1   | 0.0   |
| 9.3  | 13.3 | 9.0  | 8.4  | 12.3 | 11.6  | 4.3   |
| 0.0  | 0.2  | 0.7  | 0.4  | 0.1  | 0.4   | 0.0   |
| 0.0  | 0.1  | 0.1  | 0.3  | 0.0  | 0.0   | 0.0   |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.1   | 0.0   |

|       |      |       |       |       |       |       |
|-------|------|-------|-------|-------|-------|-------|
| 2.5   | 3.2  | 2.4   | 4.2   | 2.6   | 6.0   | 3.1   |
| 0.1   | 0.2  | 0.9   | 0.7   | 0.1   | 0.2   | 0.0   |
| 0.1   | 0.1  | 0.5   | 0.2   | 0.1   | 0.7   | 0.0   |
| 0.2   | 0.1  | 0.4   | 0.4   | 0.6   | 0.7   | 0.3   |
| 0.1   | 0.2  | 0.5   | 0.2   | 0.4   | 0.0   | 0.0   |
| 13.7  | 13.3 | 17.1  | 21.7  | 16.8  | 16.0  | 14.2  |
| 0.0   | 0.1  | 0.2   | 0.1   | 0.1   | 0.1   | 0.0   |
| 0.3   | 0.6  | 1.1   | 0.5   | 1.1   | 0.6   | 1.0   |
| 0.1   | 0.3  | 0.3   | 0.4   | 0.0   | 0.0   | 0.0   |
| 2.6   | 1.8  | 3.1   | 3.3   | 2.8   | 1.7   | 4.8   |
| 0.5   | 0.0  | 0.7   | 1.5   | 0.0   | 0.9   | 0.0   |
| 1.5   | 1.7  | 1.5   | 1.3   | 2.2   | 3.0   | 0.0   |
| 0.0   | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.4   | 0.4  | 0.7   | 0.5   | 0.6   | 0.5   | 0.5   |
| 0.8   | 2.2  | 2.8   | 3.3   | 1.4   | 4.2   | 0.7   |
| 5.2   | 8.4  | 9.5   | 9.4   | 8.6   | 7.5   | 6.4   |
| 0.1   | 0.1  | 0.3   | 0.2   | 0.0   | 0.1   | 0.0   |
| 1.2   | 1.0  | 1.4   | 1.9   | 1.1   | 0.9   | 2.4   |
| 0.1   | 0.2  | 0.7   | 0.4   | 0.4   | 0.6   | 0.0   |
| 0.3   | 0.6  | 0.7   | 0.5   | 0.6   | 0.6   | 0.1   |
| 32.1  | 36.6 | 43.3  | 49.6  | 39.0  | 37.0  | 47.3  |
| 1.4   | 1.2  | 2.1   | 2.5   | 1.9   | 1.8   | 2.0   |
| 1.3   | 1.4  | 0.6   | 0.9   | 1.6   | 2.8   | 0.1   |
| 11.9  | 14.2 | 16.7  | 18.8  | 16.0  | 15.4  | 21.3  |
| 11.6  | 16.8 | 13.2  | 13.8  | 17.7  | 16.9  | 8.0   |
| 41.5  | 58.3 | 25.5  | 27.3  | 41.6  | 54.3  | 14.0  |
| 0.2   | 0.2  | 0.8   | 0.7   | 0.1   | 0.9   | 0.0   |
| 2.3   | 2.8  | 2.3   | 2.2   | 3.5   | 4.0   | 1.5   |
| 4.4   | 7.1  | 8.0   | 7.3   | 9.8   | 9.3   | 4.8   |
| 0.7   | 1.1  | 1.9   | 1.9   | 1.2   | 2.4   | 0.8   |
| 1.3   | 0.8  | 1.0   | 1.6   | 0.8   | 2.0   | 1.7   |
| 0.5   | 0.7  | 1.1   | 1.3   | 0.9   | 1.0   | 0.7   |
| 0.0   | 0.0  | 0.2   | 0.2   | 0.1   | 0.0   | 0.0   |
| 4.8   | 4.2  | 4.0   | 7.9   | 1.7   | 6.3   | 7.8   |
| 17.6  | 35.3 | 21.2  | 25.6  | 20.3  | 30.7  | 29.0  |
| 29.3  | 29.1 | 28.3  | 29.6  | 32.0  | 27.8  | 22.1  |
| 0.0   | 0.1  | 0.0   | 0.1   | 0.1   | 0.1   | 0.0   |
| 0.0   | 0.0  | 0.4   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0  | 0.0   | 0.2   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.0  | 0.2   | 0.2   | 0.2   | 0.0   | 0.0   |
| 0.1   | 0.0  | 0.1   | 0.1   | 0.1   | 0.0   | 0.1   |
| 0.0   | 0.0  | 0.5   | 0.2   | 0.0   | 0.1   | 0.0   |
| 8.4   | 9.7  | 10.7  | 11.8  | 10.2  | 7.7   | 14.4  |
| 145.6 | 80.2 | 112.6 | 132.7 | 119.8 | 131.1 | 138.5 |
| 0.0   | 0.0  | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   |
| 24.5  | 30.5 | 27.4  | 34.7  | 33.6  | 28.3  | 34.2  |
| 31.2  | 28.4 | 34.8  | 34.6  | 42.9  | 38.1  | 28.8  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 4.5  | 5.8  | 6.3  | 6.7  | 6.9  | 6.3  | 9.2  |
| 4.4  | 4.6  | 3.5  | 3.5  | 4.8  | 5.2  | 3.8  |
| 9.0  | 8.1  | 9.4  | 9.7  | 12.1 | 11.7 | 11.6 |
| 4.5  | 5.0  | 5.1  | 6.0  | 6.0  | 5.7  | 5.7  |
| 0.1  | 0.1  | 0.2  | 0.2  | 0.1  | 0.1  | 0.0  |
| 0.4  | 1.4  | 3.2  | 2.4  | 0.8  | 2.3  | 0.2  |
| 4.2  | 4.0  | 9.6  | 11.5 | 8.2  | 4.0  | 4.1  |
| 0.0  | 0.1  | 0.1  | 0.5  | 0.0  | 0.6  | 0.0  |
| 0.7  | 0.9  | 0.2  | 1.0  | 1.8  | 1.2  | 0.6  |
| 0.1  | 0.0  | 0.7  | 0.8  | 0.0  | 0.0  | 0.0  |
| 0.4  | 0.2  | 0.2  | 0.6  | 0.6  | 0.6  | 1.6  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 4.5  | 6.8  | 3.3  | 3.7  | 9.0  | 7.2  | 1.8  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2.9  | 3.9  | 2.8  | 2.9  | 4.8  | 3.5  | 3.4  |
| 13.1 | 13.7 | 13.4 | 16.5 | 14.8 | 12.3 | 13.1 |
| 0.0  | 0.3  | 0.3  | 1.5  | 0.5  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.1  | 0.9  | 0.0  |
| 11.4 | 24.0 | 18.8 | 22.7 | 19.6 | 26.0 | 22.7 |
| 14.7 | 18.2 | 15.7 | 17.9 | 22.4 | 18.3 | 18.0 |
| 14.2 | 15.7 | 16.3 | 19.7 | 16.9 | 16.3 | 17.7 |
| 0.0  | 0.0  | 0.3  | 0.1  | 0.0  | 0.5  | 0.0  |
| 28.5 | 35.9 | 37.7 | 38.9 | 33.7 | 37.5 | 43.9 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 4.0  | 6.1  | 6.5  | 6.0  | 6.9  | 4.5  | 4.5  |
| 2.5  | 3.7  | 3.6  | 4.6  | 4.4  | 3.8  | 3.1  |
| 0.2  | 0.2  | 0.5  | 0.9  | 0.3  | 0.8  | 0.0  |
| 0.5  | 0.5  | 0.5  | 0.3  | 0.5  | 0.5  | 0.1  |
| 51.5 | 59.0 | 45.3 | 45.5 | 46.6 | 47.9 | 50.4 |
| 0.0  | 0.1  | 0.3  | 0.3  | 0.2  | 0.3  | 0.0  |
| 0.0  | 0.2  | 0.2  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.4  | 0.3  | 1.7  | 1.1  | 0.3  | 0.8  | 0.0  |
| 0.0  | 0.1  | 0.3  | 0.3  | 0.3  | 0.7  | 0.1  |
| 2.2  | 3.3  | 3.4  | 3.1  | 3.7  | 4.7  | 1.8  |
| 1.7  | 2.0  | 1.6  | 1.8  | 2.2  | 1.7  | 2.7  |
| 14.3 | 16.8 | 15.7 | 12.9 | 26.6 | 20.4 | 5.3  |
| 2.4  | 2.7  | 6.2  | 7.7  | 6.5  | 2.2  | 2.6  |
| 11.9 | 22.5 | 21.3 | 22.8 | 19.5 | 19.3 | 11.4 |
| 0.1  | 0.0  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.9  | 2.0  | 2.3  | 2.7  | 2.9  | 2.0  | 2.0  |
| 3.7  | 2.9  | 1.5  | 1.7  | 3.1  | 3.6  | 0.6  |
| 11.3 | 14.8 | 8.7  | 9.0  | 12.5 | 15.6 | 6.4  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.1  | 0.2  | 0.0  |
| 0.2  | 0.2  | 1.1  | 0.3  | 0.5  | 0.0  | 0.1  |
| 5.6  | 5.6  | 6.0  | 7.2  | 7.3  | 7.2  | 4.5  |
| 0.9  | 1.0  | 1.6  | 1.0  | 0.5  | 0.7  | 6.0  |



|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 110.1 | 136.5 | 155.3 | 191.9 | 131.5 | 139.7 | 138.6 |
| 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 9.4   | 12.5  | 11.4  | 12.6  | 10.8  | 12.8  | 11.1  |
| 0.1   | 0.0   | 0.0   | 0.5   | 0.0   | 0.2   | 0.0   |
| 12.7  | 16.6  | 15.5  | 16.9  | 17.8  | 14.6  | 12.2  |
| 2.0   | 1.5   | 2.6   | 2.1   | 4.2   | 2.5   | 2.8   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.5   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.3   | 0.7   | 0.4   | 0.1   | 0.2   | 0.0   |
| 3.4   | 5.7   | 5.9   | 5.7   | 4.6   | 6.0   | 7.0   |
| 0.1   | 0.3   | 0.9   | 0.8   | 0.1   | 0.4   | 0.1   |
| 6.0   | 9.6   | 10.7  | 8.6   | 8.5   | 11.7  | 10.7  |
| 0.2   | 0.2   | 0.4   | 0.3   | 0.3   | 0.0   | 0.0   |
| 1.4   | 1.5   | 2.1   | 2.3   | 1.8   | 0.9   | 2.8   |
| 1.7   | 2.0   | 2.0   | 1.8   | 2.5   | 2.5   | 1.3   |
| 3.9   | 4.4   | 4.5   | 4.4   | 3.1   | 4.5   | 1.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   |
| 6.6   | 7.3   | 9.8   | 12.1  | 12.2  | 10.8  | 7.9   |
| 25.0  | 30.4  | 35.6  | 37.0  | 38.6  | 38.1  | 36.7  |
| 0.0   | 0.0   | 0.1   | 0.2   | 0.0   | 0.1   | 0.0   |
| 17.2  | 22.2  | 21.9  | 21.2  | 21.4  | 26.5  | 17.5  |
| 5.8   | 6.6   | 6.8   | 6.6   | 5.9   | 5.7   | 3.7   |
| 2.5   | 2.6   | 1.6   | 1.8   | 2.4   | 2.3   | 2.8   |
| 13.3  | 19.1  | 18.3  | 21.0  | 19.5  | 18.6  | 22.1  |
| 12.8  | 13.0  | 11.7  | 10.0  | 11.4  | 15.9  | 17.8  |
| 4.6   | 5.9   | 4.8   | 6.0   | 5.9   | 7.7   | 6.1   |
| 43.5  | 50.7  | 49.6  | 53.5  | 48.5  | 54.4  | 68.1  |
| 6.3   | 9.6   | 9.5   | 10.5  | 8.6   | 9.9   | 7.9   |
| 0.5   | 0.8   | 1.7   | 2.4   | 1.3   | 2.1   | 0.7   |
| 7.8   | 12.9  | 11.7  | 11.6  | 11.0  | 10.1  | 7.4   |
| 5.0   | 5.1   | 5.8   | 6.5   | 6.9   | 7.3   | 7.3   |
| 0.0   | 0.1   | 0.1   | 0.2   | 0.0   | 0.0   | 0.0   |
| 2.2   | 5.3   | 7.8   | 12.1  | 8.4   | 10.5  | 3.2   |
| 0.0   | 0.0   | 0.0   | 0.4   | 0.0   | 0.6   | 0.0   |
| 0.1   | 0.1   | 0.5   | 0.3   | 0.2   | 0.1   | 0.0   |
| 0.5   | 0.6   | 1.1   | 1.1   | 0.9   | 0.5   | 0.3   |
| 14.8  | 19.9  | 21.5  | 21.8  | 16.6  | 20.8  | 22.1  |
| 0.1   | 0.1   | 0.3   | 0.7   | 0.1   | 0.0   | 0.0   |
| 0.1   | 0.1   | 0.5   | 0.5   | 0.1   | 0.8   | 0.0   |
| 2.5   | 3.5   | 6.1   | 1.9   | 5.9   | 9.1   | 0.8   |
| 0.4   | 0.3   | 0.7   | 1.1   | 0.3   | 0.9   | 0.0   |
| 1.3   | 1.6   | 1.9   | 1.4   | 1.3   | 1.3   | 5.6   |
| 0.0   | 0.1   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.3   | 0.2   | 0.4   | 0.1   | 0.2   | 0.0   |
| 1.1   | 3.7   | 5.3   | 3.1   | 1.6   | 9.2   | 0.0   |
| 0.1   | 0.1   | 0.1   | 0.4   | 0.1   | 0.0   | 0.0   |
| 3.6   | 6.8   | 5.5   | 6.9   | 6.5   | 8.9   | 3.7   |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.0   | 0.1   | 0.1   | 0.3   | 0.0   | 0.3   | 0.0   |
| 5.8   | 5.4   | 7.3   | 9.6   | 9.2   | 5.3   | 15.6  |
| 0.8   | 0.9   | 2.6   | 2.6   | 1.1   | 1.8   | 0.0   |
| 0.1   | 0.0   | 0.1   | 0.5   | 0.0   | 0.2   | 0.0   |
| 0.0   | 0.0   | 0.6   | 0.8   | 0.0   | 0.0   | 0.0   |
| 1.4   | 4.3   | 9.5   | 8.3   | 2.9   | 8.5   | 1.3   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.4   | 0.0   |
| 0.6   | 0.9   | 1.4   | 2.0   | 0.6   | 2.0   | 0.1   |
| 0.1   | 0.1   | 0.8   | 0.2   | 0.5   | 0.2   | 0.1   |
| 0.7   | 0.9   | 1.2   | 1.2   | 1.9   | 1.1   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.7   | 1.0   | 2.9   | 2.9   | 1.3   | 3.0   | 0.3   |
| 15.8  | 16.0  | 16.1  | 17.6  | 17.1  | 14.1  | 18.5  |
| 0.5   | 0.6   | 2.1   | 1.2   | 0.6   | 2.0   | 0.0   |
| 26.5  | 34.1  | 33.9  | 41.2  | 34.5  | 31.0  | 39.9  |
| 2.8   | 2.8   | 1.8   | 1.9   | 2.9   | 2.8   | 2.3   |
| 35.8  | 38.4  | 47.6  | 47.3  | 44.2  | 41.1  | 44.4  |
| 10.3  | 13.0  | 16.5  | 17.4  | 17.9  | 17.5  | 13.1  |
| 0.0   | 0.0   | 0.5   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.2   | 0.0   | 0.2   | 0.2   |
| 6.0   | 6.0   | 4.4   | 4.8   | 5.8   | 9.1   | 2.9   |
| 1.6   | 1.9   | 3.4   | 2.6   | 2.3   | 2.7   | 3.5   |
| 0.0   | 0.1   | 0.2   | 0.2   | 0.0   | 0.0   | 0.0   |
| 3.9   | 2.8   | 7.7   | 5.9   | 3.0   | 3.1   | 3.6   |
| 0.4   | 0.5   | 0.8   | 0.5   | 0.3   | 1.1   | 0.0   |
| 0.0   | 0.2   | 0.5   | 0.3   | 0.1   | 0.2   | 0.0   |
| 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.0   | 0.0   |
| 3.8   | 5.2   | 5.5   | 5.9   | 4.6   | 6.1   | 9.3   |
| 114.7 | 145.0 | 130.7 | 162.8 | 133.8 | 116.7 | 122.9 |
| 21.2  | 24.0  | 22.7  | 24.3  | 31.1  | 27.8  | 5.3   |
| 2.3   | 1.3   | 3.0   | 2.8   | 2.5   | 2.5   | 3.5   |
| 6.3   | 8.8   | 7.1   | 6.5   | 9.3   | 9.9   | 3.5   |
| 0.0   | 0.0   | 0.0   | 0.2   | 0.0   | 0.5   | 0.0   |
| 0.0   | 0.1   | 0.9   | 0.5   | 0.3   | 0.1   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.0   | 0.1   | 0.0   | 0.1   |
| 14.6  | 18.1  | 14.4  | 15.5  | 21.7  | 16.5  | 13.6  |
| 20.2  | 18.4  | 14.9  | 19.8  | 13.7  | 17.8  | 14.4  |
| 10.4  | 7.8   | 9.4   | 10.2  | 15.6  | 15.1  | 13.6  |
| 0.1   | 0.0   | 0.2   | 0.1   | 0.0   | 0.2   | 0.0   |
| 3.3   | 3.1   | 3.6   | 2.4   | 4.1   | 5.6   | 2.5   |
| 4.6   | 7.2   | 6.5   | 6.6   | 5.3   | 7.1   | 9.0   |
| 11.7  | 21.3  | 20.8  | 22.8  | 15.9  | 20.2  | 16.6  |
| 5.0   | 3.3   | 5.2   | 5.6   | 6.6   | 4.5   | 3.9   |
| 6.0   | 5.9   | 7.0   | 7.5   | 5.7   | 5.9   | 8.0   |
| 0.2   | 0.1   | 0.9   | 0.2   | 0.2   | 0.1   | 0.0   |
| 0.1   | 0.1   | 0.2   | 0.3   | 0.0   | 0.1   | 0.0   |
| 1.5   | 2.5   | 2.9   | 2.9   | 2.1   | 2.2   | 2.4   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 8.9  | 18.5 | 20.8 | 19.8 | 17.1 | 19.2 | 18.4 |
| 24.1 | 29.8 | 29.5 | 34.5 | 24.2 | 23.8 | 30.3 |
| 6.5  | 6.3  | 6.0  | 7.0  | 5.9  | 6.0  | 7.0  |
| 2.2  | 2.9  | 3.6  | 4.7  | 3.4  | 3.7  | 2.7  |
| 7.3  | 6.4  | 8.6  | 8.6  | 11.0 | 10.5 | 6.6  |
| 2.2  | 2.9  | 2.5  | 3.0  | 4.1  | 2.4  | 1.8  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.0  | 0.1  | 0.0  |
| 2.2  | 2.1  | 1.0  | 1.9  | 1.4  | 2.3  | 6.3  |
| 2.9  | 2.5  | 4.3  | 4.5  | 3.7  | 4.2  | 1.2  |
| 4.0  | 4.4  | 3.7  | 4.0  | 5.9  | 6.0  | 3.5  |
| 0.2  | 0.3  | 0.4  | 0.5  | 0.2  | 0.7  | 0.4  |
| 4.7  | 6.7  | 8.1  | 7.8  | 4.9  | 7.8  | 5.7  |
| 0.0  | 0.0  | 0.5  | 0.4  | 0.1  | 0.0  | 0.0  |
| 3.9  | 3.5  | 2.1  | 3.2  | 2.0  | 4.1  | 4.3  |
| 4.8  | 8.9  | 2.0  | 4.5  | 2.3  | 6.3  | 7.2  |
| 4.9  | 4.6  | 8.3  | 8.4  | 5.9  | 5.9  | 10.1 |
| 0.0  | 0.1  | 0.4  | 0.3  | 0.4  | 0.7  | 0.0  |
| 3.6  | 6.0  | 8.3  | 6.8  | 4.9  | 6.5  | 5.1  |
| 5.2  | 6.2  | 6.8  | 8.1  | 7.7  | 7.5  | 8.3  |
| 8.4  | 8.9  | 12.0 | 12.8 | 10.5 | 10.9 | 12.6 |
| 1.0  | 0.9  | 1.6  | 2.0  | 1.3  | 1.6  | 0.0  |
| 6.5  | 9.7  | 10.4 | 10.4 | 6.1  | 9.3  | 5.1  |
| 3.3  | 5.3  | 4.8  | 6.7  | 4.9  | 4.2  | 3.0  |
| 3.3  | 3.3  | 3.0  | 3.6  | 4.8  | 5.1  | 3.6  |
| 0.6  | 0.6  | 0.6  | 0.7  | 0.5  | 1.1  | 0.3  |
| 2.6  | 2.4  | 2.8  | 3.4  | 3.2  | 3.9  | 5.2  |
| 2.5  | 2.7  | 2.7  | 2.8  | 3.6  | 2.6  | 1.6  |
| 4.7  | 4.2  | 4.2  | 4.5  | 5.1  | 5.3  | 8.1  |
| 0.0  | 0.1  | 0.4  | 0.3  | 0.0  | 0.0  | 0.0  |
| 9.5  | 13.0 | 8.2  | 8.1  | 14.8 | 13.8 | 9.7  |
| 0.1  | 0.3  | 0.2  | 0.1  | 0.2  | 0.5  | 1.0  |
| 14.7 | 17.8 | 13.8 | 15.0 | 13.8 | 14.7 | 32.8 |
| 10.7 | 14.6 | 17.2 | 21.2 | 12.6 | 12.8 | 13.7 |
| 10.7 | 17.5 | 19.9 | 22.1 | 15.8 | 16.9 | 9.1  |
| 8.1  | 9.3  | 11.1 | 12.2 | 11.2 | 10.0 | 11.1 |
| 9.0  | 11.7 | 8.8  | 9.1  | 12.5 | 17.6 | 15.4 |
| 4.4  | 5.1  | 5.8  | 5.8  | 5.1  | 4.7  | 6.7  |
| 3.2  | 4.1  | 4.2  | 3.8  | 4.8  | 5.9  | 2.1  |
| 0.1  | 0.0  | 0.6  | 0.4  | 0.0  | 0.2  | 0.0  |
| 10.0 | 19.6 | 20.9 | 20.4 | 20.3 | 20.1 | 10.2 |
| 4.0  | 4.9  | 7.4  | 7.7  | 8.1  | 4.7  | 7.2  |
| 0.2  | 0.0  | 0.1  | 0.2  | 0.2  | 0.4  | 0.0  |
| 18.6 | 21.6 | 14.3 | 13.3 | 22.8 | 26.4 | 25.1 |
| 1.2  | 2.0  | 3.2  | 2.8  | 2.7  | 2.3  | 4.9  |
| 0.8  | 1.3  | 1.2  | 0.8  | 1.4  | 1.5  | 0.6  |
| 31.4 | 33.7 | 25.8 | 30.3 | 27.2 | 28.0 | 17.2 |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 5.0   | 6.0   | 7.3   | 7.1   | 6.4   | 5.7   | 2.6   |
| 30.8  | 26.6  | 30.7  | 41.2  | 29.3  | 30.5  | 26.5  |
| 14.3  | 20.5  | 17.8  | 21.3  | 16.5  | 24.1  | 27.5  |
| 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.3   | 0.1   | 0.8   | 0.3   | 0.2   | 0.0   | 0.2   |
| 6.4   | 7.3   | 6.6   | 6.6   | 8.8   | 6.0   | 4.5   |
| 1.4   | 2.0   | 1.3   | 1.4   | 1.7   | 1.9   | 1.5   |
| 2.7   | 2.9   | 3.1   | 2.6   | 4.2   | 2.8   | 3.1   |
| 5.3   | 5.6   | 4.0   | 3.6   | 7.9   | 6.3   | 4.4   |
| 6.4   | 6.9   | 6.4   | 8.0   | 7.1   | 7.4   | 12.0  |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.1   | 0.0   |
| 1.8   | 1.6   | 1.8   | 1.9   | 2.8   | 1.9   | 0.6   |
| 9.9   | 10.3  | 11.0  | 11.4  | 11.6  | 9.1   | 7.9   |
| 0.1   | 0.1   | 0.2   | 0.1   | 0.0   | 0.0   | 0.0   |
| 23.4  | 23.5  | 28.7  | 33.0  | 30.1  | 29.4  | 37.4  |
| 28.6  | 21.7  | 30.9  | 30.3  | 30.4  | 26.0  | 39.9  |
| 1.0   | 1.3   | 3.1   | 3.7   | 2.3   | 3.2   | 3.2   |
| 11.5  | 13.4  | 8.1   | 10.8  | 12.5  | 19.3  | 11.3  |
| 143.7 | 208.7 | 212.0 | 242.5 | 205.6 | 213.1 | 309.9 |
| 1.5   | 2.5   | 3.4   | 3.7   | 2.7   | 3.8   | 4.6   |
| 0.1   | 0.1   | 1.2   | 0.5   | 0.2   | 0.9   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.0   | 0.2   | 0.0   |
| 0.0   | 0.1   | 0.1   | 0.3   | 0.1   | 0.0   | 0.0   |
| 1.5   | 1.9   | 2.1   | 2.4   | 2.4   | 1.8   | 2.3   |
| 0.3   | 0.6   | 1.2   | 1.2   | 0.3   | 0.9   | 0.0   |
| 0.1   | 0.3   | 1.3   | 0.6   | 0.2   | 0.9   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.2   | 0.2   | 0.1   | 0.0   |
| 2.1   | 1.7   | 2.9   | 3.0   | 2.0   | 2.9   | 4.1   |
| 0.5   | 0.4   | 0.5   | 0.7   | 0.4   | 0.7   | 0.4   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 2.0   | 2.7   | 2.2   | 2.3   | 2.9   | 2.7   | 1.5   |
| 10.0  | 13.1  | 13.3  | 10.5  | 14.3  | 13.8  | 14.3  |
| 0.0   | 0.0   | 0.0   | 0.3   | 0.1   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.3   | 0.4   | 0.0   |
| 0.4   | 0.7   | 0.5   | 0.9   | 0.2   | 0.3   | 0.0   |
| 0.2   | 0.2   | 0.7   | 0.6   | 0.6   | 0.0   | 0.0   |
| 19.1  | 19.8  | 19.2  | 20.0  | 20.6  | 15.8  | 14.2  |
| 0.1   | 0.3   | 0.6   | 0.4   | 0.3   | 0.2   | 1.0   |
| 0.2   | 0.4   | 0.7   | 0.8   | 0.2   | 0.6   | 0.3   |
| 0.1   | 0.1   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   |
| 36.2  | 33.2  | 31.8  | 28.2  | 55.2  | 41.1  | 22.8  |
| 0.4   | 0.8   | 1.0   | 0.7   | 1.1   | 0.8   | 0.4   |
| 1.1   | 1.5   | 1.8   | 2.0   | 1.2   | 2.1   | 0.6   |
| 17.3  | 23.2  | 23.2  | 23.4  | 18.9  | 20.9  | 20.4  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.5   | 0.9   | 1.3   | 1.2   | 0.7   | 1.3   | 1.0   |
| 0.3   | 0.2   | 0.9   | 0.5   | 0.5   | 1.4   | 0.0   |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 4.0   | 3.3   | 3.3   | 3.6   | 5.5   | 4.0   | 3.7   |
| 2.1   | 1.5   | 2.1   | 1.4   | 2.4   | 2.0   | 1.1   |
| 4.7   | 4.5   | 2.4   | 4.8   | 5.8   | 4.3   | 1.2   |
| 4.5   | 6.5   | 8.0   | 9.2   | 7.9   | 6.1   | 3.3   |
| 1.9   | 3.4   | 4.0   | 4.2   | 3.9   | 4.7   | 2.9   |
| 6.7   | 9.7   | 9.7   | 9.2   | 8.6   | 8.5   | 14.3  |
| 3.0   | 3.8   | 2.9   | 3.7   | 5.5   | 4.2   | 3.6   |
| 1.0   | 1.1   | 1.4   | 1.7   | 1.1   | 1.6   | 0.7   |
| 0.4   | 0.5   | 0.7   | 0.7   | 0.6   | 0.5   | 0.7   |
| 2.3   | 3.0   | 2.2   | 2.5   | 3.4   | 3.1   | 1.2   |
| 0.0   | 0.0   | 0.4   | 0.2   | 0.0   | 0.2   | 0.0   |
| 0.7   | 1.4   | 4.2   | 2.3   | 0.7   | 2.9   | 0.8   |
| 2.7   | 2.7   | 1.9   | 1.8   | 2.9   | 2.9   | 1.9   |
| 9.7   | 12.4  | 14.3  | 16.0  | 10.5  | 15.8  | 12.0  |
| 0.7   | 0.9   | 1.3   | 1.4   | 1.1   | 0.9   | 0.6   |
| 0.9   | 1.0   | 0.7   | 0.7   | 0.9   | 1.2   | 1.0   |
| 1.1   | 1.0   | 0.7   | 0.7   | 1.8   | 0.9   | 0.0   |
| 0.0   | 0.1   | 0.5   | 0.0   | 0.0   | 0.0   | 0.0   |
| 17.3  | 16.5  | 14.7  | 20.1  | 20.8  | 14.1  | 33.2  |
| 0.1   | 0.1   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 3.0   | 4.6   | 4.3   | 4.9   | 5.5   | 6.8   | 1.8   |
| 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   |
| 6.0   | 6.5   | 5.4   | 4.6   | 8.1   | 6.4   | 3.1   |
| 31.6  | 36.4  | 46.1  | 56.9  | 40.2  | 44.7  | 64.0  |
| 3.7   | 6.7   | 6.4   | 7.0   | 7.5   | 7.4   | 8.2   |
| 0.0   | 0.0   | 0.1   | 0.3   | 0.0   | 0.7   | 0.0   |
| 37.2  | 51.7  | 59.0  | 71.8  | 52.8  | 38.7  | 67.1  |
| 0.0   | 0.1   | 0.2   | 0.2   | 0.5   | 0.2   | 0.0   |
| 4.7   | 4.3   | 3.0   | 3.0   | 2.6   | 7.2   | 1.3   |
| 65.8  | 95.6  | 96.0  | 100.8 | 88.3  | 105.0 | 85.0  |
| 0.0   | 0.1   | 0.5   | 0.3   | 0.1   | 0.1   | 0.0   |
| 83.3  | 107.1 | 99.9  | 100.5 | 111.5 | 119.6 | 65.9  |
| 428.6 | 465.8 | 532.3 | 571.2 | 441.0 | 459.3 | 576.5 |
| 7.6   | 9.2   | 10.8  | 11.1  | 8.5   | 7.1   | 6.5   |
| 67.6  | 89.7  | 77.4  | 77.3  | 100.9 | 114.6 | 84.3  |
| 12.9  | 13.1  | 9.8   | 11.2  | 15.6  | 12.0  | 14.0  |
| 5.4   | 6.3   | 5.5   | 5.4   | 7.6   | 5.2   | 1.2   |
| 0.5   | 0.5   | 1.3   | 1.5   | 0.6   | 1.1   | 0.0   |
| 5.2   | 6.0   | 5.7   | 4.3   | 6.3   | 6.0   | 0.7   |
| 9.6   | 13.3  | 16.5  | 17.1  | 12.8  | 15.6  | 14.1  |
| 3.1   | 5.9   | 5.7   | 4.6   | 5.4   | 5.1   | 3.0   |
| 13.3  | 19.7  | 21.0  | 23.7  | 21.5  | 17.5  | 16.9  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 43.8  | 48.8  | 58.1  | 60.1  | 54.9  | 52.5  | 76.4  |
| 0.0   | 0.2   | 0.1   | 0.3   | 0.2   | 0.4   | 0.0   |
| 7.6   | 9.9   | 6.9   | 8.1   | 7.7   | 8.7   | 9.8   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.1   | 0.1   | 0.0   |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 11.6  | 13.2  | 13.1  | 14.2  | 12.8  | 17.3  | 15.0  |
| 159.3 | 235.8 | 193.4 | 211.8 | 197.1 | 196.8 | 228.6 |
| 16.9  | 16.2  | 14.3  | 15.8  | 18.0  | 18.1  | 15.0  |
| 13.1  | 9.9   | 15.1  | 19.9  | 16.1  | 10.2  | 18.3  |
| 0.1   | 0.1   | 0.4   | 0.4   | 0.2   | 0.1   | 0.0   |
| 37.3  | 39.5  | 38.2  | 47.8  | 40.5  | 37.3  | 34.0  |
| 1.2   | 1.6   | 2.1   | 1.6   | 1.9   | 1.9   | 2.0   |
| 0.0   | 0.0   | 0.7   | 0.1   | 0.0   | 0.2   | 0.0   |
| 33.6  | 35.8  | 34.9  | 32.5  | 34.6  | 33.9  | 27.1  |
| 3.0   | 4.0   | 3.2   | 2.6   | 3.7   | 6.0   | 1.5   |
| 0.1   | 0.1   | 0.0   | 0.4   | 0.1   | 0.4   | 0.0   |
| 0.1   | 0.0   | 0.0   | 0.1   | 0.0   | 0.2   | 0.0   |
| 0.0   | 0.2   | 0.0   | 0.3   | 0.0   | 0.4   | 0.0   |
| 0.8   | 1.1   | 1.0   | 1.0   | 2.2   | 1.6   | 0.1   |
| 0.0   | 0.0   | 0.0   | 0.0   | 1.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.3   | 0.1   | 0.0   | 0.0   |
| 40.6  | 51.7  | 43.5  | 36.9  | 41.2  | 49.9  | 63.0  |
| 0.3   | 0.0   | 1.2   | 0.7   | 0.0   | 0.4   | 0.0   |
| 0.1   | 0.0   | 0.9   | 0.3   | 0.0   | 0.3   | 0.0   |
| 14.8  | 18.5  | 21.8  | 21.7  | 16.7  | 21.0  | 18.2  |
| 20.0  | 25.1  | 29.9  | 34.6  | 27.1  | 29.8  | 50.9  |
| 0.5   | 0.9   | 1.0   | 0.7   | 0.7   | 1.4   | 0.5   |
| 0.2   | 0.1   | 0.1   | 0.1   | 0.2   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.2   | 0.0   | 0.0   | 0.0   | 0.3   | 0.0   |
| 15.7  | 22.0  | 21.0  | 22.2  | 18.2  | 19.1  | 20.6  |
| 7.6   | 11.3  | 11.3  | 9.1   | 13.5  | 13.5  | 5.1   |
| 0.0   | 0.3   | 0.3   | 0.2   | 0.0   | 0.0   | 0.0   |
| 92.3  | 109.0 | 63.7  | 64.9  | 110.5 | 111.5 | 41.7  |
| 0.1   | 0.2   | 0.2   | 0.4   | 0.0   | 0.1   | 0.1   |
| 0.9   | 0.7   | 1.3   | 1.2   | 1.0   | 1.2   | 1.3   |
| 15.3  | 18.9  | 20.2  | 19.2  | 18.7  | 24.6  | 18.4  |
| 1.1   | 1.3   | 2.1   | 4.3   | 2.5   | 2.4   | 4.2   |
| 4.3   | 5.9   | 4.5   | 4.8   | 3.2   | 7.1   | 8.2   |
| 0.0   | 0.0   | 0.4   | 0.7   | 0.0   | 0.0   | 0.0   |
| 0.6   | 2.0   | 2.8   | 2.0   | 1.5   | 2.3   | 0.3   |
| 102.3 | 121.7 | 117.9 | 128.3 | 136.1 | 140.2 | 144.1 |
| 0.1   | 0.0   | 0.1   | 0.5   | 0.1   | 0.4   | 0.0   |
| 0.2   | 0.4   | 1.1   | 0.4   | 0.3   | 0.2   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.7   | 1.3   | 0.8   | 1.2   | 2.7   | 1.1   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.6   | 0.0   |
| 0.1   | 0.0   | 0.2   | 0.2   | 0.1   | 0.2   | 0.0   |
| 34.4  | 33.4  | 42.8  | 40.9  | 45.4  | 41.8  | 28.2  |
| 5.6   | 11.8  | 9.5   | 11.7  | 10.9  | 10.9  | 4.4   |
| 2.4   | 2.4   | 2.5   | 2.4   | 4.1   | 3.2   | 2.1   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.2   | 0.0   | 0.0   |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 2.8   | 3.7   | 3.2   | 2.4   | 3.1   | 3.9   | 0.7   |
| 2.6   | 2.8   | 3.6   | 3.2   | 3.7   | 4.1   | 3.5   |
| 3.8   | 4.4   | 3.4   | 3.1   | 4.8   | 5.2   | 2.4   |
| 6.7   | 5.1   | 5.7   | 8.3   | 8.1   | 5.6   | 16.5  |
| 5.5   | 8.3   | 2.3   | 2.8   | 6.1   | 8.7   | 2.8   |
| 40.8  | 44.6  | 46.6  | 48.8  | 57.2  | 38.3  | 26.6  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.6   | 0.0   |
| 0.1   | 0.0   | 0.3   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.6   | 0.8   | 1.7   | 1.8   | 1.0   | 1.4   | 1.2   |
| 11.4  | 14.7  | 18.6  | 24.8  | 18.9  | 17.1  | 20.7  |
| 68.5  | 70.0  | 72.5  | 62.5  | 70.0  | 75.8  | 60.9  |
| 0.1   | 0.1   | 0.2   | 0.5   | 0.1   | 0.0   | 0.0   |
| 311.4 | 248.6 | 255.2 | 302.7 | 247.5 | 248.2 | 465.6 |
| 5.0   | 5.1   | 7.3   | 9.0   | 7.5   | 7.3   | 5.7   |
| 0.0   | 0.1   | 0.1   | 0.3   | 0.1   | 0.1   | 0.0   |
| 0.0   | 0.1   | 0.6   | 0.3   | 0.1   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.0   | 0.0   | 0.8   | 0.0   |
| 0.0   | 0.2   | 1.5   | 0.7   | 0.0   | 0.2   | 0.0   |
| 0.1   | 0.0   | 1.0   | 0.0   | 0.4   | 0.6   | 0.0   |
| 0.0   | 0.0   | 1.6   | 0.9   | 0.5   | 1.0   | 0.0   |
| 31.4  | 29.9  | 32.0  | 30.7  | 38.5  | 43.2  | 39.9  |
| 19.0  | 17.0  | 14.5  | 18.5  | 21.6  | 14.4  | 21.8  |
| 1.5   | 2.3   | 2.5   | 2.5   | 2.6   | 3.0   | 1.8   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   |
| 1.2   | 1.2   | 1.0   | 1.1   | 2.0   | 1.9   | 0.7   |
| 1.4   | 1.9   | 2.3   | 2.2   | 3.5   | 2.6   | 1.6   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 17.1  | 18.9  | 17.1  | 19.4  | 21.3  | 18.1  | 13.6  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.7   | 0.0   |
| 0.1   | 0.1   | 0.4   | 0.4   | 0.1   | 0.1   | 0.0   |
| 2.8   | 4.5   | 3.9   | 5.6   | 5.2   | 3.8   | 2.8   |
| 141.2 | 275.4 | 166.5 | 172.8 | 222.3 | 234.3 | 124.6 |
| 601.8 | 514.3 | 584.9 | 672.4 | 709.5 | 566.1 | 870.3 |
| 7.9   | 8.4   | 8.8   | 6.8   | 10.5  | 8.6   | 8.7   |
| 6.8   | 14.3  | 9.7   | 10.3  | 8.4   | 11.5  | 5.8   |
| 2.0   | 2.1   | 1.3   | 2.0   | 3.0   | 1.7   | 2.8   |
| 0.0   | 0.1   | 0.3   | 0.0   | 0.0   | 0.2   | 0.0   |
| 19.7  | 26.8  | 21.9  | 24.8  | 31.7  | 25.7  | 12.3  |
| 0.1   | 0.0   | 0.2   | 0.6   | 0.1   | 0.3   | 0.0   |
| 18.3  | 20.0  | 26.4  | 27.6  | 25.4  | 25.9  | 26.5  |
| 13.7  | 13.6  | 10.8  | 11.1  | 16.4  | 19.3  | 8.9   |
| 13.6  | 15.2  | 18.2  | 17.8  | 15.8  | 22.4  | 24.3  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 34.3  | 35.7  | 11.9  | 12.2  | 31.0  | 12.2  | 7.2   |
| 1.2   | 1.8   | 4.1   | 2.5   | 1.9   | 2.5   | 0.9   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 37.7 | 30.8 | 23.0 | 28.1 | 44.1 | 39.8 | 21.1 |
| 4.8  | 6.7  | 9.0  | 10.7 | 5.5  | 7.3  | 3.6  |
| 10.9 | 11.7 | 11.0 | 15.0 | 11.5 | 11.6 | 21.5 |
| 0.0  | 0.1  | 0.4  | 0.5  | 0.0  | 0.2  | 0.0  |
| 0.1  | 0.4  | 1.2  | 0.9  | 0.5  | 0.4  | 1.3  |
| 0.2  | 0.3  | 1.5  | 0.8  | 0.3  | 1.6  | 3.0  |
| 0.2  | 1.1  | 3.1  | 2.4  | 1.4  | 2.3  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.6  | 0.0  | 0.2  | 1.1  |
| 4.1  | 5.0  | 3.3  | 3.9  | 3.6  | 6.3  | 1.8  |
| 4.2  | 3.2  | 8.0  | 9.9  | 4.9  | 6.1  | 5.9  |
| 10.5 | 19.0 | 17.4 | 17.2 | 17.8 | 20.1 | 28.6 |
| 20.7 | 20.6 | 22.4 | 25.7 | 23.5 | 22.1 | 15.4 |
| 18.9 | 24.7 | 21.9 | 20.4 | 27.6 | 25.5 | 16.9 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 16.0 | 18.3 | 19.6 | 21.6 | 16.6 | 17.3 | 13.8 |
| 7.1  | 7.1  | 6.2  | 3.6  | 10.9 | 12.3 | 14.1 |
| 2.6  | 3.3  | 2.6  | 3.2  | 3.5  | 3.1  | 1.4  |
| 0.5  | 0.8  | 2.4  | 2.5  | 2.2  | 1.6  | 0.7  |
| 0.1  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.3  | 1.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.7  | 1.6  | 3.5  | 4.6  | 1.2  | 3.2  | 0.4  |
| 0.0  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 5.5  | 5.5  | 4.4  | 5.5  | 8.3  | 6.8  | 2.3  |
| 0.0  | 0.0  | 0.3  | 0.3  | 0.6  | 0.2  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.0  | 0.3  | 0.2  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.1  | 0.0  | 0.9  | 0.0  |
| 0.0  | 0.0  | 0.5  | 0.7  | 0.0  | 0.0  | 0.0  |
| 33.7 | 67.5 | 53.9 | 54.5 | 54.4 | 66.4 | 33.9 |
| 1.4  | 1.6  | 0.9  | 1.8  | 3.0  | 1.1  | 0.5  |
| 0.1  | 0.0  | 0.7  | 0.3  | 0.5  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.6  | 0.4  | 0.0  | 0.4  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.4  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 1.0  | 0.4  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.6  | 0.7  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.7  | 0.4  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.3  | 0.0  | 0.6  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.3  | 0.0  | 0.0  |
| 0.2  | 0.1  | 0.1  | 0.6  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.2  | 0.0  | 0.1  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.1  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.3  | 0.0  |
| 2.9  | 5.0  | 5.2  | 7.0  | 5.2  | 4.7  | 5.0  |



|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 9.2   | 8.9   | 9.6   | 9.0   | 8.8   | 8.0   | 10.0  |
| 7.9   | 7.7   | 10.4  | 10.2  | 11.3  | 8.7   | 22.4  |
| 0.1   | 0.2   | 0.4   | 0.5   | 0.2   | 0.4   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.2   | 0.0   |
| 0.1   | 0.0   | 0.1   | 0.1   | 0.2   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.7   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.5   | 0.3   | 0.0   | 0.4   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.3   | 0.0   | 0.2   | 0.0   |
| 0.2   | 0.2   | 0.1   | 0.1   | 0.2   | 0.3   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   |
| 5.0   | 6.0   | 6.1   | 10.5  | 7.7   | 7.0   | 2.2   |
| 15.5  | 19.0  | 16.3  | 17.3  | 20.5  | 21.8  | 26.9  |
| 2.5   | 2.9   | 2.2   | 1.9   | 3.2   | 4.1   | 0.8   |
| 4.4   | 4.9   | 5.1   | 5.1   | 6.5   | 5.6   | 0.7   |
| 0.2   | 0.0   | 0.4   | 0.1   | 0.0   | 0.1   | 0.0   |
| 19.3  | 23.2  | 23.1  | 24.4  | 21.6  | 24.6  | 20.0  |
| 2.3   | 4.9   | 10.3  | 10.1  | 4.7   | 11.8  | 0.0   |
| 57.4  | 56.0  | 66.8  | 61.6  | 83.8  | 67.9  | 107.3 |
| 246.9 | 202.4 | 185.9 | 188.6 | 296.3 | 282.0 | 409.1 |
| 0.0   | 0.0   | 0.2   | 0.3   | 0.0   | 0.0   | 0.0   |
| 23.9  | 21.5  | 22.2  | 22.6  | 29.1  | 27.1  | 27.0  |
| 15.1  | 23.8  | 22.4  | 17.5  | 26.1  | 29.3  | 24.4  |
| 0.0   | 0.0   | 0.0   | 0.6   | 0.0   | 0.9   | 0.0   |
| 20.6  | 16.3  | 16.9  | 22.5  | 22.4  | 27.1  | 32.7  |
| 0.2   | 0.0   | 0.5   | 0.2   | 0.1   | 0.0   | 0.0   |
| 8.1   | 7.1   | 11.8  | 11.2  | 11.7  | 9.9   | 11.0  |
| 8.2   | 10.1  | 9.4   | 9.9   | 11.2  | 8.4   | 13.9  |
| 2.3   | 2.9   | 2.4   | 2.2   | 3.3   | 3.5   | 1.7   |
| 255.2 | 258.6 | 236.4 | 252.4 | 275.8 | 266.5 | 212.4 |
| 30.9  | 32.6  | 27.2  | 28.8  | 33.2  | 30.7  | 18.6  |
| 19.9  | 16.6  | 18.4  | 24.3  | 22.6  | 16.1  | 50.6  |
| 9.0   | 8.7   | 7.2   | 7.1   | 11.3  | 10.4  | 3.8   |
| 2.2   | 2.3   | 2.3   | 4.2   | 2.7   | 2.1   | 6.1   |
| 6.1   | 3.5   | 7.9   | 8.4   | 5.2   | 5.4   | 3.4   |
| 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.7   | 0.0   |
| 2.4   | 2.5   | 2.2   | 2.6   | 3.7   | 3.3   | 1.9   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.7   | 0.5   | 0.2   | 0.0   | 0.5   | 0.0   | 0.0   |
| 5.4   | 8.7   | 9.0   | 10.7  | 7.5   | 8.5   | 12.1  |
| 4.6   | 4.9   | 4.8   | 5.3   | 6.5   | 6.3   | 5.7   |
| 0.0   | 0.0   | 0.3   | 0.3   | 0.2   | 1.7   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 5.0   | 6.1   | 5.3   | 5.6   | 7.0   | 5.5   | 2.1   |
| 23.7  | 28.8  | 28.3  | 27.7  | 23.7  | 32.3  | 38.0  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 8.0   | 8.4   | 7.2   | 12.2  | 7.6   | 8.9   | 17.8  |
| 53.0  | 61.9  | 72.1  | 79.6  | 60.6  | 52.2  | 80.0  |
| 3.6   | 3.2   | 6.9   | 3.5   | 6.0   | 2.8   | 9.6   |
| 8.5   | 14.6  | 11.7  | 13.9  | 17.6  | 16.1  | 11.7  |
| 0.1   | 0.2   | 0.3   | 0.4   | 0.4   | 0.7   | 0.1   |
| 13.2  | 23.5  | 22.4  | 23.6  | 19.9  | 21.4  | 21.7  |
| 1.0   | 0.9   | 1.0   | 1.4   | 1.2   | 1.4   | 1.7   |
| 0.0   | 0.0   | 0.0   | 0.9   | 0.0   | 0.4   | 0.0   |
| 5.9   | 5.2   | 6.0   | 5.2   | 6.9   | 6.8   | 4.7   |
| 2.2   | 2.7   | 3.1   | 3.5   | 2.6   | 2.4   | 2.6   |
| 0.0   | 0.1   | 0.2   | 0.1   | 0.1   | 0.1   | 0.0   |
| 2.3   | 2.8   | 2.2   | 2.2   | 3.2   | 2.8   | 1.6   |
| 0.1   | 0.1   | 0.2   | 0.2   | 0.1   | 0.1   | 0.2   |
| 10.8  | 13.0  | 15.0  | 20.6  | 13.0  | 11.3  | 17.6  |
| 55.2  | 57.1  | 52.4  | 58.5  | 68.8  | 62.2  | 59.8  |
| 7.8   | 7.4   | 9.3   | 8.9   | 10.4  | 6.9   | 3.0   |
| 33.1  | 49.2  | 28.3  | 33.6  | 45.2  | 43.7  | 16.8  |
| 5.6   | 6.0   | 6.6   | 7.0   | 7.2   | 6.2   | 6.3   |
| 29.8  | 34.4  | 38.9  | 42.7  | 57.5  | 55.8  | 30.4  |
| 8.9   | 9.8   | 14.0  | 15.5  | 10.6  | 12.5  | 15.7  |
| 143.9 | 138.8 | 153.7 | 162.3 | 160.5 | 163.6 | 153.4 |
| 22.3  | 28.1  | 25.8  | 27.1  | 24.2  | 27.4  | 31.3  |
| 0.4   | 0.1   | 0.6   | 1.2   | 0.2   | 0.2   | 0.0   |
| 0.0   | 0.2   | 0.3   | 0.4   | 0.4   | 0.0   | 0.0   |
| 1.4   | 2.6   | 4.1   | 4.0   | 1.3   | 3.4   | 1.1   |
| 0.0   | 0.0   | 0.7   | 0.2   | 0.0   | 0.0   | 0.0   |
| 2.7   | 3.8   | 2.4   | 2.9   | 3.1   | 2.6   | 3.9   |
| 0.0   | 0.0   | 0.0   | 0.6   | 0.0   | 0.0   | 0.0   |
| 3.4   | 4.9   | 6.0   | 7.6   | 6.0   | 8.4   | 7.6   |
| 1.1   | 0.9   | 1.8   | 1.2   | 2.2   | 1.5   | 0.7   |
| 1.0   | 1.8   | 2.9   | 2.0   | 2.5   | 2.7   | 0.4   |
| 0.3   | 0.2   | 0.4   | 0.9   | 0.4   | 0.7   | 0.1   |
| 32.2  | 32.1  | 34.1  | 35.9  | 44.9  | 39.9  | 40.9  |
| 85.2  | 66.7  | 73.5  | 74.0  | 85.3  | 99.7  | 47.3  |
| 9.3   | 11.8  | 6.2   | 7.1   | 12.6  | 14.2  | 4.8   |
| 11.0  | 14.5  | 9.6   | 8.8   | 15.3  | 14.3  | 7.9   |
| 2.1   | 2.9   | 2.0   | 2.5   | 2.5   | 2.4   | 0.0   |
| 8.8   | 6.3   | 7.0   | 9.7   | 8.6   | 11.8  | 12.5  |
| 4.0   | 3.8   | 3.2   | 3.3   | 5.3   | 4.2   | 3.1   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 51.8  | 37.7  | 42.3  | 36.9  | 43.6  | 41.3  | 63.6  |
| 0.1   | 0.1   | 0.8   | 0.1   | 0.3   | 0.3   | 0.0   |
| 1.7   | 2.5   | 2.5   | 2.4   | 3.0   | 2.8   | 0.2   |
| 3.8   | 4.8   | 3.9   | 4.7   | 6.7   | 5.6   | 8.0   |
| 4.3   | 4.3   | 5.0   | 6.1   | 6.0   | 5.1   | 5.2   |
| 0.0   | 0.0   | 2.2   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.0   | 0.1   | 0.2   | 0.0   | 0.1   | 0.0   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.1  | 0.2  | 0.6  | 0.5  | 0.0  | 0.0  | 0.0  |
| 0.6  | 0.9  | 1.2  | 1.4  | 1.5  | 0.8  | 0.9  |
| 22.8 | 28.3 | 35.9 | 40.9 | 39.6 | 27.4 | 40.5 |
| 30.2 | 42.2 | 42.1 | 48.3 | 38.3 | 40.1 | 41.4 |
| 8.6  | 15.0 | 15.2 | 14.5 | 13.7 | 14.5 | 10.6 |
| 5.7  | 7.2  | 6.0  | 6.3  | 6.5  | 4.4  | 3.2  |
| 2.2  | 2.0  | 1.5  | 2.3  | 2.4  | 2.1  | 5.8  |
| 39.9 | 36.1 | 46.8 | 42.1 | 50.6 | 41.4 | 46.1 |
| 0.3  | 0.8  | 0.6  | 0.5  | 0.8  | 0.4  | 0.0  |
| 9.1  | 8.2  | 5.5  | 6.4  | 8.3  | 13.3 | 2.2  |
| 2.1  | 2.4  | 1.7  | 1.8  | 1.8  | 3.4  | 0.0  |
| 12.8 | 14.0 | 10.6 | 11.7 | 17.9 | 15.4 | 6.9  |
| 0.9  | 1.1  | 0.7  | 0.7  | 1.4  | 1.1  | 0.3  |
| 6.9  | 8.6  | 10.6 | 10.8 | 9.3  | 9.6  | 11.1 |
| 2.9  | 4.1  | 3.2  | 3.1  | 3.4  | 4.4  | 5.5  |
| 2.7  | 2.9  | 3.3  | 3.6  | 3.9  | 2.4  | 1.8  |
| 3.3  | 5.2  | 5.1  | 3.9  | 5.5  | 5.5  | 5.5  |
| 0.1  | 0.2  | 0.2  | 0.3  | 0.7  | 0.1  | 0.0  |
| 8.9  | 12.3 | 9.3  | 7.7  | 7.7  | 13.2 | 8.1  |
| 5.7  | 7.5  | 8.9  | 6.7  | 8.8  | 7.3  | 2.0  |
| 15.3 | 20.1 | 27.9 | 29.0 | 20.5 | 19.4 | 20.0 |
| 9.8  | 8.5  | 9.0  | 10.4 | 9.8  | 7.9  | 12.0 |
| 0.0  | 0.0  | 0.3  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.4  | 0.1  | 0.0  | 0.1  | 0.0  |
| 4.7  | 4.0  | 4.2  | 3.4  | 5.1  | 4.3  | 1.0  |
| 9.5  | 10.6 | 10.0 | 13.0 | 8.3  | 15.4 | 7.4  |
| 0.5  | 0.1  | 0.8  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.5  | 0.6  | 0.0  | 0.5  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.6  | 0.0  |
| 7.9  | 12.5 | 10.8 | 15.3 | 14.6 | 13.4 | 8.6  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.2  | 0.0  |
| 0.4  | 0.2  | 0.2  | 0.7  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.2  | 0.6  | 0.7  | 1.0  | 0.4  | 0.9  |
| 9.0  | 11.0 | 12.8 | 15.6 | 10.8 | 10.5 | 16.5 |
| 4.7  | 9.1  | 7.8  | 8.2  | 8.8  | 6.9  | 10.1 |
| 2.5  | 3.1  | 2.8  | 3.7  | 5.3  | 2.6  | 5.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 6.3  | 9.1  | 10.6 | 10.5 | 8.4  | 8.0  | 10.9 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 15.6 | 21.2 | 15.0 | 15.1 | 31.4 | 24.8 | 6.7  |
| 1.8  | 1.9  | 4.9  | 4.7  | 4.2  | 2.4  | 2.8  |
| 20.8 | 16.8 | 12.4 | 12.6 | 15.5 | 12.5 | 4.2  |
| 4.5  | 6.5  | 6.9  | 6.3  | 10.9 | 8.5  | 3.9  |
| 0.7  | 1.2  | 1.8  | 2.0  | 1.0  | 1.1  | 1.3  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.0   | 0.0   | 0.1   | 0.3   | 0.0   | 0.0   | 0.0   |
| 8.1   | 8.7   | 7.4   | 6.2   | 10.2  | 10.7  | 1.9   |
| 0.3   | 0.0   | 0.5   | 0.9   | 1.2   | 1.1   | 2.5   |
| 3.0   | 5.2   | 3.7   | 4.1   | 6.0   | 5.4   | 4.4   |
| 10.6  | 12.0  | 13.2  | 11.5  | 14.0  | 14.4  | 7.7   |
| 2.1   | 1.6   | 3.0   | 2.5   | 3.1   | 1.9   | 2.3   |
| 32.1  | 42.6  | 38.4  | 33.7  | 33.9  | 35.5  | 18.9  |
| 0.7   | 1.0   | 0.7   | 1.3   | 1.0   | 1.0   | 1.0   |
| 151.9 | 198.2 | 135.6 | 138.1 | 183.3 | 184.9 | 172.2 |
| 5.4   | 7.1   | 9.4   | 8.9   | 7.7   | 6.2   | 6.5   |
| 0.2   | 0.2   | 1.4   | 0.6   | 0.3   | 1.3   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.2   | 0.0   |
| 8.5   | 9.8   | 14.8  | 14.3  | 13.1  | 12.0  | 10.7  |
| 66.9  | 89.1  | 83.4  | 88.7  | 79.7  | 96.8  | 86.4  |
| 3.3   | 3.0   | 2.7   | 3.1   | 4.1   | 3.1   | 1.5   |
| 1.6   | 1.3   | 1.0   | 2.0   | 1.7   | 1.9   | 6.4   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.3   | 0.1   | 0.2   | 0.0   |
| 0.7   | 0.7   | 0.4   | 0.4   | 0.6   | 0.4   | 0.5   |
| 5.5   | 6.3   | 6.2   | 6.9   | 8.8   | 6.6   | 6.5   |
| 6.6   | 7.3   | 8.3   | 9.2   | 7.4   | 6.7   | 7.7   |
| 15.1  | 19.3  | 16.8  | 18.0  | 17.4  | 21.3  | 25.3  |
| 1.9   | 1.9   | 1.3   | 1.9   | 2.4   | 2.1   | 1.2   |
| 4.6   | 4.3   | 4.4   | 5.5   | 6.5   | 4.3   | 5.5   |
| 17.1  | 18.5  | 23.0  | 22.2  | 20.6  | 15.9  | 17.4  |
| 0.6   | 0.6   | 0.8   | 0.0   | 0.4   | 0.7   | 0.0   |
| 2.3   | 2.5   | 2.1   | 2.2   | 1.9   | 1.9   | 4.4   |
| 16.9  | 17.3  | 20.0  | 21.1  | 20.8  | 21.9  | 25.1  |
| 1.9   | 1.6   | 1.6   | 1.7   | 2.7   | 2.9   | 1.2   |
| 0.0   | 0.2   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.1   | 0.5   | 0.3   | 0.2   | 0.3   | 0.0   |
| 0.1   | 0.1   | 0.9   | 0.7   | 0.5   | 0.5   | 0.0   |
| 0.1   | 0.0   | 0.4   | 0.3   | 0.1   | 0.2   | 0.0   |
| 2.5   | 3.3   | 1.6   | 1.5   | 3.7   | 4.0   | 1.2   |
| 0.0   | 0.0   | 0.0   | 0.3   | 0.0   | 1.4   | 0.0   |
| 3.8   | 3.8   | 4.4   | 5.5   | 4.2   | 4.1   | 3.4   |
| 8.3   | 11.8  | 7.2   | 8.6   | 9.8   | 13.5  | 10.9  |
| 3.1   | 2.0   | 2.7   | 3.7   | 2.6   | 2.6   | 3.7   |
| 12.9  | 11.8  | 12.4  | 17.2  | 16.0  | 15.2  | 16.3  |
| 0.1   | 0.1   | 0.4   | 0.1   | 0.0   | 0.2   | 0.0   |
| 24.8  | 24.1  | 22.0  | 26.1  | 30.5  | 28.0  | 24.4  |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   |
| 36.3  | 39.0  | 41.8  | 41.9  | 40.0  | 40.0  | 49.7  |
| 2.3   | 2.6   | 2.4   | 1.7   | 2.0   | 2.1   | 2.2   |
| 11.1  | 13.2  | 12.7  | 14.4  | 14.4  | 12.3  | 16.2  |
| 0.1   | 0.0   | 0.1   | 0.2   | 0.0   | 0.0   | 0.0   |
| 16.5  | 29.1  | 21.7  | 24.4  | 25.7  | 9.3   | 13.7  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 4.6  | 4.5  | 4.5  | 4.6  | 5.6  | 5.5  | 2.9  |
| 0.4  | 0.4  | 0.2  | 0.4  | 0.4  | 0.6  | 0.1  |
| 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1.1  | 0.7  | 1.4  | 1.2  | 1.7  | 0.9  | 2.6  |
| 0.6  | 1.3  | 4.7  | 2.4  | 1.0  | 2.5  | 0.0  |
| 0.3  | 0.5  | 1.2  | 0.9  | 0.3  | 0.8  | 0.3  |
| 6.3  | 6.2  | 8.1  | 11.1 | 8.8  | 9.2  | 11.8 |
| 0.8  | 1.2  | 1.0  | 0.9  | 0.5  | 0.9  | 0.7  |
| 4.1  | 6.6  | 6.3  | 5.3  | 7.9  | 8.7  | 2.1  |
| 7.5  | 7.5  | 4.4  | 4.5  | 8.2  | 10.1 | 2.5  |
| 1.9  | 2.2  | 3.6  | 3.7  | 2.7  | 3.1  | 2.7  |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.1  | 0.2  | 0.0  |
| 3.1  | 3.3  | 3.6  | 4.7  | 4.1  | 3.1  | 4.5  |
| 3.7  | 3.9  | 3.5  | 3.2  | 6.1  | 4.3  | 3.7  |
| 0.3  | 0.2  | 0.3  | 0.3  | 0.3  | 0.6  | 0.0  |
| 45.0 | 51.1 | 46.0 | 47.7 | 52.3 | 53.5 | 36.6 |
| 3.2  | 4.1  | 3.7  | 4.1  | 3.2  | 5.1  | 5.5  |
| 0.1  | 0.1  | 0.2  | 0.7  | 0.4  | 0.1  | 0.0  |
| 3.8  | 8.6  | 8.5  | 9.0  | 6.4  | 5.7  | 5.6  |
| 0.3  | 0.0  | 0.6  | 0.4  | 0.2  | 0.3  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.8  | 0.9  | 0.8  | 0.8  | 0.8  | 0.9  | 0.7  |
| 0.1  | 0.4  | 1.0  | 1.2  | 0.1  | 0.3  | 0.3  |
| 4.3  | 4.9  | 4.6  | 4.3  | 6.2  | 5.4  | 4.4  |
| 0.2  | 0.7  | 1.9  | 0.7  | 0.6  | 0.8  | 0.0  |
| 6.1  | 7.2  | 7.7  | 11.7 | 9.3  | 7.5  | 10.3 |
| 42.8 | 65.1 | 60.8 | 63.7 | 57.6 | 63.7 | 61.3 |
| 8.1  | 6.7  | 8.7  | 10.3 | 8.2  | 8.2  | 7.1  |
| 3.5  | 5.1  | 4.1  | 5.4  | 6.4  | 3.5  | 2.4  |
| 0.2  | 0.3  | 0.1  | 0.4  | 1.1  | 0.2  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.0  | 0.2  | 0.0  |
| 3.3  | 4.2  | 3.4  | 3.0  | 3.4  | 5.6  | 5.2  |
| 7.2  | 7.0  | 8.7  | 9.4  | 7.2  | 8.2  | 2.7  |
| 1.0  | 0.8  | 1.3  | 1.0  | 1.0  | 1.9  | 1.6  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  |
| 6.2  | 8.4  | 7.6  | 8.9  | 9.8  | 8.3  | 6.4  |
| 11.8 | 12.3 | 11.8 | 13.0 | 15.9 | 13.1 | 13.2 |
| 8.9  | 13.1 | 17.2 | 16.4 | 18.1 | 10.9 | 5.1  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  |
| 6.0  | 9.5  | 6.5  | 8.0  | 6.8  | 8.7  | 4.6  |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.2  | 0.0  | 0.0  |
| 0.2  | 0.1  | 1.1  | 0.8  | 0.4  | 0.4  | 0.6  |
| 0.9  | 0.7  | 1.5  | 1.5  | 0.6  | 2.0  | 0.5  |
| 0.1  | 0.1  | 0.3  | 0.2  | 0.0  | 0.0  | 0.2  |
| 23.9 | 39.7 | 35.2 | 42.2 | 35.8 | 29.6 | 30.3 |
| 4.6  | 5.1  | 5.0  | 7.4  | 5.4  | 6.4  | 6.5  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 5.7  | 5.4  | 5.1  | 4.4  | 8.6  | 6.4  | 1.5  |
| 4.0  | 3.2  | 4.4  | 3.5  | 4.3  | 3.0  | 1.0  |
| 18.3 | 15.1 | 16.7 | 24.7 | 16.4 | 12.3 | 43.0 |
| 24.0 | 37.1 | 33.4 | 34.1 | 24.0 | 30.4 | 28.0 |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.2  | 0.8  | 0.4  | 0.2  | 0.3  | 0.4  |
| 0.1  | 0.1  | 0.4  | 0.3  | 0.0  | 0.5  | 0.0  |
| 0.1  | 0.1  | 0.3  | 0.3  | 0.1  | 0.1  | 0.0  |
| 1.0  | 1.1  | 1.3  | 1.6  | 1.7  | 1.2  | 1.4  |
| 62.4 | 61.3 | 29.0 | 28.9 | 43.2 | 65.8 | 41.0 |
| 0.1  | 0.2  | 0.2  | 0.3  | 0.3  | 0.3  | 0.0  |
| 0.7  | 0.9  | 2.3  | 1.4  | 1.2  | 1.3  | 0.9  |
| 5.1  | 8.4  | 4.7  | 6.3  | 9.8  | 9.1  | 5.6  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  |
| 12.4 | 10.8 | 7.7  | 7.8  | 15.8 | 13.7 | 1.7  |
| 1.2  | 1.6  | 1.9  | 1.2  | 1.9  | 1.1  | 0.6  |
| 2.2  | 7.4  | 5.2  | 5.7  | 6.2  | 9.5  | 7.1  |
| 0.2  | 0.6  | 0.2  | 0.6  | 0.6  | 1.5  | 0.0  |
| 0.1  | 0.0  | 0.2  | 0.3  | 0.0  | 0.4  | 0.0  |
| 0.1  | 0.1  | 0.8  | 0.3  | 0.1  | 0.0  | 0.0  |
| 0.2  | 0.1  | 0.3  | 0.3  | 0.1  | 1.4  | 0.0  |
| 0.0  | 0.3  | 0.9  | 0.3  | 0.2  | 0.4  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 28.9 | 30.4 | 33.2 | 34.0 | 33.4 | 35.3 | 35.9 |
| 0.1  | 0.0  | 0.4  | 0.0  | 0.4  | 0.0  | 0.0  |
| 26.2 | 33.8 | 37.1 | 28.1 | 37.3 | 38.0 | 24.8 |
| 22.2 | 36.1 | 34.5 | 39.3 | 30.3 | 31.3 | 35.2 |
| 1.4  | 0.9  | 0.7  | 1.1  | 0.3  | 0.0  | 5.7  |
| 21.1 | 17.6 | 14.8 | 14.2 | 23.5 | 23.7 | 12.3 |
| 0.0  | 0.0  | 0.3  | 0.1  | 0.0  | 0.4  | 0.0  |
| 21.7 | 22.6 | 23.4 | 25.6 | 24.4 | 24.5 | 27.9 |
| 0.1  | 0.3  | 0.4  | 0.6  | 0.3  | 0.3  | 0.7  |
| 0.2  | 0.6  | 0.4  | 0.7  | 0.4  | 0.9  | 0.9  |
| 0.2  | 0.4  | 1.1  | 1.2  | 0.3  | 1.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.8  | 0.8  | 1.3  | 0.1  | 0.2  | 0.9  | 0.0  |
| 2.4  | 3.6  | 2.9  | 2.9  | 2.8  | 3.0  | 0.0  |
| 3.6  | 1.7  | 2.6  | 2.8  | 2.8  | 3.5  | 4.6  |
| 3.5  | 5.7  | 7.2  | 8.8  | 6.2  | 6.5  | 2.9  |
| 0.1  | 0.1  | 0.1  | 0.3  | 0.2  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.6  | 0.1  | 0.0  | 0.3  | 0.0  |
| 0.2  | 0.2  | 0.4  | 0.3  | 0.3  | 0.6  | 0.0  |
| 0.7  | 2.3  | 4.8  | 3.7  | 0.7  | 2.8  | 2.1  |
| 0.5  | 0.1  | 0.6  | 0.9  | 0.1  | 0.6  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.6  | 0.5  | 0.0  | 0.4  | 0.0  |
| 0.2  | 0.0  | 0.8  | 0.8  | 0.1  | 0.6  | 0.0  |

|     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|
| 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.9 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.3 | 0.0 | 0.2 | 0.0 |
| 0.0 | 0.1 | 0.8 | 0.3 | 0.0 | 0.0 | 0.0 |
| 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.1 | 0.1 | 0.5 | 0.5 | 0.0 | 1.0 | 0.0 |
| 0.1 | 0.0 | 0.2 | 0.4 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.1 | 0.6 | 0.3 | 0.0 | 0.8 | 0.0 |
| 0.1 | 0.0 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 |
| 0.0 | 0.2 | 0.0 | 0.4 | 0.3 | 0.2 | 0.0 |
| 0.0 | 0.0 | 0.2 | 0.5 | 0.0 | 0.0 | 0.0 |
| 0.4 | 0.8 | 0.9 | 1.1 | 2.2 | 0.4 | 0.0 |
| 0.0 | 0.3 | 0.7 | 1.2 | 0.3 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.2 | 0.3 | 1.4 | 0.7 | 0.3 | 1.4 | 0.0 |
| 0.0 | 0.1 | 1.1 | 0.8 | 0.0 | 0.0 | 0.0 |
| 0.2 | 0.2 | 0.6 | 0.8 | 0.1 | 0.4 | 0.0 |
| 0.0 | 0.2 | 0.2 | 0.0 | 0.3 | 0.0 | 0.0 |
| 0.0 | 0.1 | 0.9 | 1.1 | 0.7 | 0.4 | 0.0 |
| 0.0 | 0.0 | 0.5 | 0.3 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 1.1 | 0.0 | 0.5 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.2 | 0.4 | 0.0 | 0.0 | 0.0 |
| 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.1 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.1 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 |
| 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 |
| 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.2 | 0.1 | 0.3 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.5 | 0.1 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.9 | 1.2 | 0.3 | 0.0 | 0.0 |
| 2.1 | 2.0 | 2.0 | 1.8 | 2.3 | 4.3 | 1.8 |
| 0.2 | 0.0 | 0.9 | 0.7 | 0.0 | 0.0 | 0.0 |
| 0.4 | 0.2 | 0.9 | 0.9 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.6 | 0.6 | 0.4 | 0.4 | 0.0 |
| 0.0 | 0.0 | 0.2 | 0.5 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.3 | 0.3 | 0.2 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.3 | 0.0 | 0.0 | 0.0 |

|       |       |       |       |       |       |        |
|-------|-------|-------|-------|-------|-------|--------|
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    |
| 0.1   | 0.1   | 0.4   | 0.5   | 0.4   | 0.2   | 0.0    |
| 0.0   | 0.2   | 0.0   | 0.3   | 0.0   | 0.0   | 0.0    |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0    |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.2   | 0.0    |
| 0.0   | 0.1   | 0.3   | 0.2   | 0.0   | 0.0   | 0.0    |
| 0.4   | 0.1   | 1.0   | 0.8   | 0.1   | 0.0   | 0.0    |
| 0.0   | 0.2   | 0.5   | 0.3   | 0.0   | 0.0   | 0.0    |
| 0.1   | 0.2   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0    |
| 0.0   | 0.3   | 0.3   | 0.4   | 0.6   | 0.2   | 0.0    |
| 0.0   | 0.1   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0    |
| 0.0   | 0.1   | 0.1   | 0.1   | 0.0   | 0.2   | 0.0    |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.1   | 0.0   | 0.0    |
| 0.1   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0    |
| 0.1   | 0.2   | 0.6   | 1.4   | 0.3   | 0.6   | 0.0    |
| 0.0   | 0.0   | 0.1   | 0.3   | 0.0   | 0.0   | 0.0    |
| 0.0   | 0.3   | 0.3   | 0.8   | 0.4   | 0.0   | 0.0    |
| 0.0   | 0.3   | 0.6   | 0.5   | 0.1   | 0.0   | 0.0    |
| 0.0   | 0.1   | 0.3   | 0.1   | 0.3   | 0.0   | 0.0    |
| 0.2   | 0.0   | 0.1   | 0.4   | 0.3   | 1.0   | 0.0    |
| 0.0   | 0.0   | 0.8   | 0.9   | 0.0   | 0.0   | 0.0    |
| 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   | 0.6    |
| 0.0   | 0.1   | 0.7   | 0.7   | 0.0   | 0.2   | 0.0    |
| 0.0   | 0.3   | 0.3   | 1.1   | 0.1   | 0.4   | 0.0    |
| 0.1   | 0.0   | 0.6   | 0.8   | 0.0   | 0.8   | 0.0    |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0    |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0    |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0    |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.0   | 0.4   | 0.0    |
| 0.0   | 0.0   | 0.7   | 0.3   | 0.1   | 0.2   | 0.0    |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.2   | 0.0    |
| 0.0   | 0.0   | 0.5   | 0.1   | 0.1   | 0.0   | 0.0    |
| 0.0   | 0.1   | 0.3   | 0.1   | 0.0   | 1.0   | 0.0    |
| 0.2   | 0.0   | 0.3   | 0.5   | 0.0   | 0.8   | 0.0    |
| 0.0   | 0.1   | 0.3   | 0.0   | 0.0   | 0.0   | 0.0    |
| 0.0   | 0.0   | 0.2   | 0.9   | 0.1   | 0.2   | 0.0    |
| 22.2  | 23.9  | 25.8  | 26.5  | 24.4  | 29.9  | 43.9   |
| 2.7   | 2.4   | 4.6   | 5.2   | 4.6   | 2.8   | 4.3    |
| 1.8   | 2.8   | 2.7   | 3.1   | 3.6   | 2.2   | 0.8    |
| 0.0   | 0.0   | 0.2   | 0.2   | 0.0   | 0.2   | 0.0    |
| 26.1  | 26.4  | 13.6  | 14.9  | 14.8  | 20.1  | 17.9   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.0   | 0.1   | 0.0    |
| 833.1 | 796.1 | 867.4 | 874.7 | 803.9 | 885.0 | 1065.4 |
| 0.0   | 0.0   | 0.2   | 0.0   | 0.1   | 0.1   | 0.0    |
| 13.5  | 13.3  | 20.4  | 22.3  | 17.5  | 14.4  | 7.2    |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0    |
| 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    |



|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.3  | 0.4  | 0.4  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.8  | 0.3  | 0.9  | 0.8  | 0.0  |
| 0.1  | 0.1  | 0.7  | 0.9  | 0.0  | 0.8  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.3  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.5  | 0.1  | 0.0  | 0.6  | 0.0  |
| 0.0  | 0.2  | 0.2  | 0.3  | 0.4  | 0.2  | 0.0  |
| 0.1  | 0.0  | 0.3  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.4  | 0.0  | 0.4  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.5  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.7  | 0.8  | 1.1  | 0.4  | 1.5  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.3  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.4  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.3  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.6  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.3  | 0.5  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.0  | 0.9  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.6  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.4  | 0.0  |
| 0.0  | 0.2  | 0.0  | 0.4  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.3  | 0.0  | 0.4  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.1  | 0.0  | 1.0  | 0.0  |
| 0.2  | 0.0  | 0.8  | 0.9  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.3  | 0.8  | 0.1  | 0.2  | 0.0  |
| 36.9 | 36.8 | 41.7 | 51.9 | 41.7 | 44.2 | 48.6 |
| 0.1  | 0.2  | 0.4  | 0.0  | 0.5  | 0.0  | 0.0  |
| 0.0  | 0.5  | 0.7  | 0.5  | 0.6  | 0.4  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.5  | 0.0  | 0.0  | 0.0  |
| 1.9  | 2.7  | 5.3  | 6.1  | 4.1  | 2.9  | 4.4  |
| 2.7  | 3.7  | 3.3  | 4.4  | 4.4  | 4.7  | 2.0  |
| 7.5  | 7.6  | 7.3  | 8.4  | 10.1 | 5.4  | 10.9 |
| 10.2 | 10.5 | 13.2 | 14.3 | 19.2 | 10.7 | 6.9  |
| 0.0  | 0.1  | 0.5  | 0.1  | 0.0  | 0.9  | 0.0  |
| 0.0  | 0.0  | 0.6  | 0.0  | 0.0  | 0.0  | 0.0  |
| 18.7 | 15.0 | 14.9 | 14.4 | 20.5 | 16.0 | 27.8 |
| 12.6 | 11.7 | 9.2  | 10.0 | 13.7 | 11.7 | 10.8 |
| 0.0  | 0.0  | 0.0  | 0.5  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.5  | 0.2  | 0.0  | 0.2  | 0.0  |
| 4.6  | 7.5  | 7.7  | 8.5  | 5.9  | 7.3  | 4.2  |
| 0.6  | 0.6  | 1.0  | 1.3  | 1.0  | 1.0  | 0.7  |

|      |      |      |       |      |      |      |
|------|------|------|-------|------|------|------|
| 0.0  | 0.0  | 0.0  | 0.0   | 0.2  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.3  | 0.1   | 0.2  | 0.4  | 0.0  |
| 5.2  | 5.0  | 5.9  | 7.4   | 5.2  | 6.4  | 7.5  |
| 0.1  | 0.1  | 0.5  | 0.2   | 0.2  | 0.2  | 0.0  |
| 2.1  | 4.9  | 3.5  | 3.5   | 2.1  | 5.6  | 3.6  |
| 0.3  | 0.2  | 0.7  | 1.0   | 0.4  | 0.3  | 0.0  |
| 0.1  | 0.2  | 1.2  | 0.8   | 0.1  | 0.5  | 0.5  |
| 0.4  | 0.4  | 0.5  | 0.7   | 0.4  | 0.3  | 0.2  |
| 18.0 | 24.3 | 18.5 | 17.8  | 19.3 | 26.9 | 20.8 |
| 0.0  | 0.0  | 0.1  | 0.2   | 0.0  | 0.1  | 0.0  |
| 11.1 | 12.0 | 11.9 | 12.0  | 9.8  | 13.3 | 16.6 |
| 5.4  | 5.8  | 6.2  | 5.8   | 7.8  | 7.0  | 4.8  |
| 11.6 | 13.3 | 15.2 | 18.7  | 15.2 | 13.5 | 15.2 |
| 0.0  | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.6   | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.5  | 0.1  | 0.5   | 0.1  | 0.8  | 0.0  |
| 0.0  | 0.2  | 0.2  | 0.5   | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.0  | 0.0   | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.5   | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0   | 0.1  | 0.2  | 0.0  |
| 0.1  | 0.2  | 0.6  | 0.1   | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.1   | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1   | 0.0  | 0.2  | 0.0  |
| 0.1  | 0.2  | 0.6  | 0.6   | 0.3  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.1   | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.2  | 0.8  | 1.0   | 0.0  | 0.6  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1   | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.3  | 0.1  | 0.1   | 0.0  | 0.6  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.4   | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 1.3  | 0.1   | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.3   | 0.0  | 0.2  | 0.0  |
| 0.1  | 0.0  | 0.0  | 0.1   | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.2  | 0.1  | 0.4   | 0.0  | 0.0  | 0.0  |
| 0.5  | 0.3  | 0.1  | 1.2   | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.1   | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.7   | 0.4  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.1   | 0.3  | 0.2  | 0.0  |
| 0.1  | 0.4  | 0.3  | 0.4   | 0.3  | 0.2  | 0.0  |
| 36.0 | 39.7 | 30.9 | 44.6  | 32.6 | 34.0 | 47.7 |
| 0.0  | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.2   | 0.3  | 0.1  | 0.0  |
| 0.4  | 0.2  | 0.9  | 0.5   | 0.3  | 0.5  | 0.0  |
| 0.3  | 0.4  | 1.1  | 0.5   | 1.0  | 0.7  | 0.2  |
| 1.7  | 2.0  | 2.1  | 2.1   | 2.3  | 2.3  | 1.9  |
| 57.9 | 81.0 | 87.9 | 102.8 | 70.3 | 73.1 | 74.1 |
| 19.7 | 18.5 | 17.5 | 19.8  | 27.5 | 21.2 | 31.6 |
| 0.7  | 0.8  | 1.0  | 1.3   | 2.2  | 0.9  | 0.0  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 3.0   | 3.0   | 4.0   | 3.2   | 3.1   | 3.7   | 2.3   |
| 0.0   | 0.0   | 0.1   | 0.2   | 0.0   | 0.0   | 0.2   |
| 21.8  | 29.0  | 22.4  | 25.3  | 20.6  | 22.5  | 20.2  |
| 0.0   | 0.0   | 0.3   | 0.3   | 0.0   | 0.0   | 0.0   |
| 0.4   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.3   | 0.0   | 0.3   | 0.0   | 0.2   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.1   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.4   | 0.0   |
| 0.0   | 0.1   | 0.6   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.1   | 1.4   | 1.1   | 1.2   | 1.2   | 1.3   | 3.2   |
| 1.6   | 2.4   | 2.0   | 1.8   | 1.9   | 2.9   | 5.7   |
| 10.9  | 13.5  | 14.3  | 16.8  | 15.6  | 15.9  | 14.2  |
| 50.0  | 31.0  | 33.8  | 45.9  | 48.4  | 27.4  | 60.6  |
| 28.4  | 32.6  | 26.4  | 35.2  | 28.3  | 26.8  | 36.0  |
| 1.5   | 2.6   | 2.2   | 2.6   | 3.6   | 2.1   | 3.6   |
| 23.3  | 31.8  | 24.6  | 26.1  | 28.4  | 29.4  | 45.4  |
| 12.2  | 19.7  | 20.7  | 23.8  | 16.8  | 17.9  | 28.0  |
| 3.7   | 4.3   | 3.8   | 3.6   | 4.9   | 6.2   | 2.2   |
| 7.2   | 7.2   | 8.3   | 6.2   | 9.8   | 6.5   | 7.2   |
| 8.9   | 11.4  | 11.4  | 10.4  | 12.5  | 13.0  | 8.6   |
| 2.9   | 2.5   | 3.1   | 3.2   | 3.5   | 3.5   | 1.3   |
| 1.6   | 1.4   | 1.3   | 1.7   | 2.7   | 1.3   | 0.0   |
| 1.3   | 0.8   | 2.9   | 2.6   | 1.7   | 1.6   | 3.5   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.4   | 0.1   | 0.0   | 0.0   |
| 4.4   | 6.3   | 6.0   | 6.3   | 6.1   | 6.1   | 4.9   |
| 0.4   | 0.5   | 0.8   | 0.9   | 0.2   | 0.5   | 1.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 10.4  | 12.5  | 10.7  | 10.7  | 11.4  | 10.7  | 9.9   |
| 0.8   | 1.0   | 1.0   | 1.2   | 1.8   | 1.8   | 0.7   |
| 0.5   | 0.7   | 1.0   | 0.9   | 0.6   | 0.7   | 0.5   |
| 197.6 | 264.0 | 240.7 | 271.9 | 267.8 | 233.5 | 233.4 |
| 4.7   | 6.9   | 6.0   | 5.5   | 7.6   | 7.2   | 2.3   |
| 6.1   | 8.0   | 14.5  | 17.1  | 14.2  | 10.1  | 9.4   |
| 28.7  | 61.2  | 61.6  | 65.1  | 61.3  | 59.0  | 67.1  |
| 0.1   | 0.0   | 0.1   | 0.3   | 0.0   | 0.9   | 0.0   |
| 12.0  | 10.0  | 14.9  | 12.8  | 16.2  | 16.4  | 12.0  |
| 2.8   | 4.4   | 3.9   | 3.1   | 5.1   | 5.4   | 2.4   |
| 8.2   | 7.4   | 9.8   | 10.3  | 7.9   | 7.6   | 8.0   |
| 1.2   | 1.1   | 1.0   | 0.9   | 1.0   | 1.2   | 1.7   |
| 0.1   | 0.2   | 0.1   | 0.3   | 0.0   | 0.0   | 0.0   |
| 32.6  | 28.4  | 35.8  | 42.5  | 33.8  | 28.5  | 27.7  |
| 10.6  | 9.7   | 10.2  | 8.7   | 11.8  | 14.4  | 2.5   |
| 18.8  | 18.8  | 21.5  | 27.9  | 20.8  | 17.2  | 16.2  |
| 0.8   | 1.7   | 1.9   | 1.3   | 2.1   | 0.9   | 1.0   |
| 15.3  | 20.6  | 18.3  | 18.3  | 19.4  | 25.1  | 18.6  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 22.7  | 26.1  | 19.6  | 21.0  | 29.9  | 30.9  | 8.9   |
| 197.8 | 194.0 | 121.3 | 139.1 | 149.3 | 202.5 | 172.6 |
| 65.0  | 66.4  | 63.7  | 61.0  | 68.9  | 70.5  | 68.9  |
| 40.2  | 48.5  | 37.0  | 30.7  | 61.0  | 53.2  | 16.4  |
| 0.1   | 0.0   | 0.1   | 0.3   | 0.0   | 0.5   | 0.0   |
| 0.0   | 0.0   | 0.3   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.2   | 0.7   | 0.4   | 0.1   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.2   | 0.3   | 0.3   | 0.3   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.2   | 0.0   |
| 0.0   | 0.0   | 1.5   | 0.7   | 0.0   | 0.2   | 0.0   |
| 0.0   | 0.2   | 0.8   | 0.3   | 0.3   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.7   | 0.8   | 0.0   | 0.2   | 0.0   |
| 0.3   | 0.2   | 0.9   | 1.9   | 0.3   | 0.0   | 0.0   |
| 0.2   | 0.3   | 0.1   | 0.7   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.5   | 0.3   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.2   | 1.9   | 1.4   | 0.0   | 0.2   | 0.0   |
| 0.0   | 0.0   | 0.5   | 0.3   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.3   | 0.1   | 0.3   | 0.0   | 0.4   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.3   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.3   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.2   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.9   | 0.3   | 0.0   | 0.2   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.4   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.3   | 0.0   | 0.0   |
| 0.0   | 0.2   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.2   | 1.0   | 1.8   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.1   | 0.3   | 0.2   | 0.0   | 0.4   | 0.0   |
| 0.1   | 0.0   | 0.5   | 0.8   | 0.0   | 0.2   | 0.0   |
| 8.6   | 7.3   | 4.8   | 4.6   | 10.0  | 8.3   | 2.2   |
| 6.5   | 6.6   | 8.4   | 8.8   | 4.2   | 8.6   | 10.1  |
| 4.5   | 4.3   | 4.7   | 5.7   | 9.1   | 4.5   | 0.6   |
| 3.7   | 5.4   | 6.2   | 7.1   | 5.1   | 4.5   | 4.4   |
| 7.3   | 8.9   | 8.6   | 8.8   | 10.2  | 10.2  | 7.7   |
| 1.3   | 1.7   | 1.6   | 1.9   | 1.4   | 1.9   | 1.6   |
| 10.0  | 7.9   | 10.0  | 13.5  | 12.8  | 10.8  | 16.1  |
| 11.5  | 10.3  | 12.8  | 16.8  | 12.8  | 11.8  | 20.4  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.2  | 0.3  | 0.0  | 0.4  | 0.0  |
| 0.1  | 0.0  | 0.2  | 0.0  | 0.4  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.2  | 0.1  | 0.0  | 0.2  | 0.0  |
| 0.5  | 0.5  | 0.9  | 1.0  | 0.7  | 0.8  | 1.2  |
| 8.5  | 16.0 | 17.9 | 16.9 | 12.1 | 15.9 | 13.2 |
| 31.0 | 39.5 | 36.9 | 47.0 | 39.0 | 34.6 | 48.8 |
| 0.1  | 0.2  | 0.7  | 0.3  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.3  | 1.5  | 3.0  | 0.1  | 0.8  | 2.5  |
| 0.0  | 0.2  | 0.6  | 1.5  | 0.3  | 0.4  | 0.0  |
| 0.5  | 0.3  | 1.3  | 2.0  | 1.0  | 3.6  | 0.0  |
| 0.0  | 0.2  | 0.1  | 0.4  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.2  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.1  | 0.5  | 0.7  | 0.5  | 0.1  | 0.4  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.2  | 0.4  | 0.3  | 0.3  | 0.3  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.6  | 0.4  | 0.0  | 0.1  | 0.0  |
| 0.3  | 0.5  | 1.3  | 0.9  | 0.5  | 0.8  | 0.0  |
| 15.8 | 14.0 | 22.1 | 30.3 | 19.8 | 19.4 | 51.5 |
| 38.6 | 57.4 | 48.7 | 54.8 | 53.1 | 53.7 | 39.4 |
| 52.3 | 60.9 | 45.7 | 50.1 | 66.8 | 61.5 | 34.3 |
| 3.0  | 3.3  | 3.8  | 3.1  | 3.9  | 2.9  | 4.3  |
| 5.4  | 6.8  | 6.1  | 5.9  | 8.5  | 7.2  | 3.5  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 7.5  | 8.3  | 3.2  | 3.1  | 9.1  | 10.1 | 8.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 2.0  | 2.1  | 2.0  | 2.5  | 3.4  | 1.7  | 1.6  |
| 1.2  | 1.5  | 1.4  | 1.6  | 1.5  | 1.5  | 1.3  |
| 59.7 | 81.3 | 79.2 | 76.0 | 63.2 | 78.2 | 66.4 |
| 7.9  | 6.0  | 7.3  | 8.2  | 7.8  | 9.5  | 8.6  |
| 5.4  | 5.9  | 4.8  | 4.7  | 8.4  | 6.5  | 2.0  |
| 6.4  | 8.2  | 8.5  | 8.8  | 6.2  | 11.2 | 7.6  |
| 16.3 | 21.7 | 18.1 | 21.2 | 19.6 | 18.0 | 25.8 |
| 4.8  | 5.5  | 6.0  | 5.7  | 4.8  | 5.8  | 4.0  |
| 1.7  | 2.5  | 2.6  | 2.4  | 3.2  | 2.2  | 3.3  |
| 19.9 | 23.3 | 21.5 | 19.7 | 28.2 | 22.9 | 7.6  |
| 0.4  | 0.9  | 0.8  | 0.9  | 0.3  | 1.0  | 2.5  |
| 7.9  | 10.3 | 12.0 | 10.4 | 9.1  | 8.4  | 4.7  |
| 0.8  | 1.2  | 3.0  | 2.1  | 1.3  | 1.9  | 2.7  |

|      |       |       |       |       |       |      |
|------|-------|-------|-------|-------|-------|------|
| 10.8 | 23.1  | 41.3  | 49.7  | 20.5  | 43.1  | 9.9  |
| 0.0  | 0.0   | 0.5   | 0.2   | 0.0   | 0.0   | 0.0  |
| 22.1 | 26.9  | 29.7  | 28.4  | 35.1  | 29.6  | 21.8 |
| 7.6  | 8.3   | 9.6   | 9.4   | 10.3  | 5.3   | 4.5  |
| 0.5  | 0.8   | 0.9   | 0.9   | 0.9   | 1.2   | 0.0  |
| 0.1  | 0.0   | 0.0   | 0.2   | 0.0   | 0.1   | 0.0  |
| 0.0  | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0  |
| 41.3 | 40.0  | 49.0  | 46.6  | 52.1  | 39.8  | 29.1 |
| 0.1  | 0.3   | 0.3   | 0.8   | 0.0   | 0.0   | 0.0  |
| 1.3  | 1.0   | 1.4   | 1.0   | 1.8   | 1.7   | 0.4  |
| 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 4.4  | 10.3  | 13.3  | 8.9   | 8.1   | 6.2   | 0.0  |
| 0.1  | 0.2   | 2.0   | 1.1   | 0.0   | 0.3   | 0.0  |
| 8.8  | 17.0  | 14.7  | 13.5  | 15.4  | 13.1  | 16.7 |
| 1.0  | 1.6   | 2.1   | 2.1   | 1.9   | 2.5   | 0.0  |
| 0.1  | 0.1   | 0.6   | 1.9   | 0.1   | 0.6   | 0.0  |
| 56.4 | 45.9  | 42.6  | 53.6  | 51.0  | 57.1  | 27.5 |
| 0.0  | 0.0   | 0.5   | 0.0   | 0.0   | 0.2   | 0.0  |
| 89.8 | 125.9 | 143.1 | 102.7 | 130.3 | 123.0 | 69.6 |
| 74.2 | 103.5 | 95.2  | 91.4  | 93.3  | 93.2  | 73.4 |
| 0.1  | 0.2   | 0.6   | 0.4   | 0.2   | 0.3   | 0.0  |
| 0.3  | 0.4   | 1.5   | 1.0   | 0.2   | 1.5   | 0.0  |
| 30.3 | 29.9  | 28.2  | 28.8  | 33.1  | 24.3  | 48.8 |
| 0.0  | 0.0   | 0.4   | 0.3   | 0.1   | 1.4   | 0.0  |
| 0.4  | 0.1   | 0.4   | 0.4   | 0.2   | 0.3   | 0.0  |
| 0.0  | 0.0   | 0.1   | 0.2   | 0.0   | 0.1   | 0.0  |
| 0.7  | 0.9   | 1.1   | 1.9   | 0.0   | 0.6   | 0.4  |
| 2.4  | 3.2   | 5.6   | 6.8   | 6.5   | 3.2   | 3.6  |
| 0.0  | 0.0   | 0.0   | 0.4   | 0.5   | 0.2   | 0.0  |
| 34.1 | 36.5  | 41.3  | 45.4  | 38.3  | 39.0  | 41.7 |
| 4.7  | 5.8   | 7.4   | 9.6   | 8.9   | 8.3   | 12.9 |
| 2.1  | 2.4   | 2.3   | 1.6   | 3.6   | 2.3   | 1.3  |
| 0.0  | 0.0   | 0.1   | 0.2   | 0.0   | 0.0   | 0.0  |
| 5.3  | 6.3   | 5.6   | 5.5   | 5.9   | 4.9   | 6.7  |
| 5.6  | 7.5   | 8.6   | 9.8   | 7.9   | 6.5   | 8.1  |
| 7.8  | 8.5   | 9.0   | 8.2   | 10.7  | 11.3  | 7.7  |
| 33.9 | 37.5  | 28.2  | 31.5  | 40.2  | 39.6  | 39.8 |
| 3.3  | 3.3   | 3.8   | 3.9   | 4.3   | 2.5   | 3.8  |
| 5.8  | 3.6   | 5.4   | 7.2   | 6.1   | 5.7   | 12.7 |
| 6.7  | 6.5   | 6.1   | 8.1   | 8.7   | 7.2   | 5.5  |
| 0.0  | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0  |
| 2.2  | 2.5   | 3.1   | 3.4   | 3.9   | 3.5   | 1.7  |
| 4.5  | 5.0   | 4.8   | 4.6   | 5.7   | 6.2   | 4.3  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 9.0  | 9.7  | 12.4 | 14.0 | 11.3 | 15.4 | 14.4 |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  |
| 11.7 | 13.3 | 10.5 | 11.1 | 15.8 | 14.4 | 8.7  |
| 52.9 | 59.2 | 58.2 | 54.8 | 70.7 | 63.6 | 47.7 |
| 0.5  | 0.4  | 0.1  | 0.8  | 0.1  | 0.4  | 0.0  |
| 3.3  | 4.0  | 5.8  | 6.4  | 5.5  | 3.9  | 3.8  |
| 7.7  | 8.3  | 6.3  | 6.9  | 13.2 | 12.7 | 0.4  |
| 2.0  | 3.7  | 6.3  | 5.1  | 3.5  | 5.6  | 1.2  |
| 3.1  | 3.6  | 2.0  | 2.4  | 3.8  | 4.3  | 0.1  |
| 3.9  | 4.4  | 4.7  | 3.9  | 5.7  | 3.7  | 0.1  |
| 1.3  | 1.6  | 1.3  | 1.8  | 2.2  | 1.8  | 2.2  |
| 4.3  | 5.2  | 4.6  | 5.9  | 6.8  | 6.1  | 5.4  |
| 0.2  | 0.1  | 0.8  | 0.3  | 0.2  | 0.5  | 0.0  |
| 4.2  | 4.2  | 5.7  | 6.9  | 4.9  | 6.2  | 7.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3.8  | 5.9  | 16.8 | 19.7 | 7.7  | 11.3 | 3.1  |
| 16.6 | 16.6 | 13.1 | 14.2 | 25.7 | 18.9 | 8.6  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.0  | 0.1  | 0.0  |
| 4.4  | 5.3  | 7.0  | 7.9  | 9.1  | 6.9  | 8.8  |
| 3.5  | 4.2  | 6.1  | 6.3  | 4.4  | 5.0  | 7.6  |
| 2.7  | 2.7  | 3.1  | 3.2  | 4.2  | 4.3  | 0.4  |
| 0.5  | 0.9  | 2.7  | 1.3  | 1.3  | 0.8  | 1.2  |
| 1.0  | 1.4  | 3.4  | 2.8  | 3.1  | 0.5  | 1.8  |
| 17.8 | 13.0 | 19.7 | 21.0 | 22.1 | 18.8 | 19.0 |
| 1.8  | 2.2  | 2.0  | 1.7  | 2.1  | 2.0  | 1.8  |
| 0.3  | 0.8  | 1.0  | 0.5  | 1.3  | 0.3  | 0.0  |
| 0.8  | 0.4  | 0.9  | 0.7  | 0.0  | 0.0  | 0.0  |
| 4.5  | 5.7  | 4.0  | 4.4  | 5.6  | 7.0  | 2.6  |
| 1.4  | 1.9  | 0.9  | 1.6  | 1.9  | 0.8  | 3.4  |
| 46.9 | 45.3 | 39.1 | 41.7 | 52.6 | 50.3 | 15.0 |
| 9.7  | 10.1 | 11.2 | 12.4 | 11.4 | 12.6 | 20.4 |
| 0.1  | 0.1  | 0.6  | 0.7  | 0.1  | 0.1  | 0.0  |
| 15.6 | 18.4 | 20.5 | 22.2 | 23.2 | 20.2 | 11.1 |
| 0.3  | 1.0  | 1.7  | 1.2  | 0.8  | 1.5  | 0.0  |
| 1.2  | 1.2  | 1.6  | 1.5  | 1.7  | 1.4  | 2.2  |
| 0.1  | 0.1  | 0.3  | 0.6  | 0.4  | 0.4  | 0.0  |
| 0.2  | 0.0  | 0.7  | 0.4  | 0.3  | 0.6  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.2  | 0.0  |
| 0.6  | 0.8  | 2.0  | 1.4  | 1.0  | 2.1  | 0.8  |
| 19.7 | 22.9 | 25.5 | 21.9 | 25.8 | 24.0 | 13.8 |
| 5.6  | 6.3  | 5.7  | 8.8  | 6.4  | 7.3  | 8.0  |
| 1.4  | 1.7  | 2.6  | 2.7  | 1.9  | 1.5  | 2.4  |
| 1.0  | 1.0  | 0.8  | 0.7  | 1.4  | 1.9  | 0.2  |
| 9.1  | 6.7  | 9.5  | 14.2 | 9.5  | 6.3  | 8.8  |
| 1.1  | 1.3  | 1.9  | 2.5  | 1.6  | 1.5  | 1.1  |
| 1.9  | 2.0  | 1.9  | 2.1  | 3.0  | 2.1  | 0.5  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.2  | 0.0  |

|       |       |      |       |       |       |       |
|-------|-------|------|-------|-------|-------|-------|
| 0.0   | 0.0   | 1.0  | 0.3   | 0.1   | 0.3   | 0.0   |
| 11.2  | 16.1  | 16.9 | 17.1  | 14.7  | 19.8  | 20.0  |
| 0.0   | 0.0   | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.4   | 0.3   | 0.6  | 0.4   | 0.4   | 0.3   | 0.2   |
| 0.7   | 1.2   | 2.0  | 2.0   | 1.7   | 1.2   | 0.9   |
| 0.4   | 0.0   | 0.1  | 0.3   | 0.1   | 0.0   | 0.0   |
| 2.3   | 2.7   | 1.6  | 1.9   | 3.4   | 2.2   | 3.1   |
| 97.7  | 85.8  | 91.1 | 92.2  | 95.7  | 85.1  | 151.3 |
| 5.9   | 5.3   | 5.4  | 6.0   | 7.8   | 6.9   | 5.2   |
| 6.0   | 8.7   | 10.6 | 12.9  | 10.2  | 8.5   | 9.8   |
| 7.0   | 7.0   | 7.4  | 8.4   | 8.7   | 9.2   | 11.4  |
| 20.3  | 28.2  | 28.2 | 32.6  | 25.7  | 25.5  | 23.4  |
| 1.8   | 3.9   | 2.5  | 3.1   | 2.8   | 3.3   | 1.9   |
| 2.7   | 3.0   | 3.3  | 3.1   | 4.2   | 3.4   | 0.4   |
| 1.4   | 2.0   | 1.9  | 1.8   | 1.9   | 2.4   | 0.7   |
| 1.0   | 2.0   | 2.4  | 3.3   | 1.7   | 1.8   | 2.3   |
| 6.9   | 12.9  | 9.5  | 11.2  | 9.3   | 16.2  | 7.1   |
| 2.3   | 3.5   | 3.0  | 3.3   | 4.4   | 4.3   | 4.1   |
| 2.6   | 2.8   | 2.5  | 2.7   | 4.6   | 5.0   | 0.7   |
| 49.2  | 72.8  | 69.9 | 77.5  | 68.0  | 67.6  | 108.2 |
| 7.2   | 8.6   | 11.4 | 12.7  | 11.0  | 9.4   | 8.7   |
| 0.1   | 0.1   | 0.3  | 0.3   | 0.0   | 0.4   | 0.5   |
| 2.0   | 3.1   | 4.7  | 5.8   | 2.4   | 3.8   | 4.0   |
| 7.1   | 9.0   | 12.1 | 12.3  | 10.3  | 9.5   | 9.2   |
| 2.9   | 3.4   | 2.4  | 2.4   | 5.0   | 3.9   | 0.7   |
| 0.0   | 0.1   | 0.3  | 0.4   | 0.2   | 0.1   | 0.0   |
| 0.9   | 1.2   | 1.9  | 1.9   | 1.4   | 1.8   | 2.4   |
| 0.7   | 0.9   | 0.7  | 0.9   | 1.4   | 1.0   | 1.5   |
| 4.0   | 5.2   | 5.5  | 5.9   | 5.3   | 6.7   | 2.9   |
| 3.4   | 3.6   | 3.4  | 4.5   | 6.4   | 4.7   | 3.6   |
| 6.6   | 6.6   | 5.4  | 5.2   | 7.4   | 7.8   | 6.7   |
| 4.3   | 4.4   | 5.7  | 7.1   | 5.9   | 5.0   | 5.8   |
| 9.6   | 9.3   | 11.4 | 10.3  | 15.7  | 9.5   | 4.5   |
| 10.7  | 21.1  | 17.1 | 14.3  | 20.8  | 21.9  | 3.6   |
| 0.2   | 0.1   | 0.3  | 0.2   | 0.1   | 0.6   | 0.0   |
| 5.1   | 4.9   | 6.2  | 6.7   | 6.1   | 6.7   | 12.4  |
| 19.5  | 25.1  | 16.3 | 20.3  | 31.7  | 25.5  | 25.9  |
| 101.6 | 113.0 | 95.8 | 111.4 | 111.9 | 156.7 | 144.4 |
| 41.8  | 56.6  | 56.3 | 48.7  | 44.5  | 47.4  | 52.1  |
| 8.8   | 12.3  | 5.1  | 5.5   | 10.9  | 15.7  | 5.9   |
| 16.6  | 23.4  | 18.2 | 23.1  | 15.3  | 29.9  | 26.3  |
| 0.1   | 0.2   | 0.4  | 0.4   | 0.2   | 0.5   | 0.0   |
| 2.8   | 3.2   | 3.4  | 2.8   | 3.2   | 4.0   | 2.6   |
| 0.5   | 0.6   | 0.6  | 0.7   | 0.8   | 0.8   | 0.0   |
| 7.7   | 10.7  | 13.5 | 12.8  | 12.4  | 8.2   | 8.7   |
| 1.0   | 1.5   | 6.7  | 2.9   | 2.0   | 2.2   | 1.2   |
| 3.6   | 3.2   | 2.8  | 3.1   | 5.4   | 5.6   | 1.3   |



|      |      |      |      |       |      |       |
|------|------|------|------|-------|------|-------|
| 17.8 | 26.4 | 24.1 | 25.5 | 26.1  | 25.5 | 21.0  |
| 7.4  | 6.2  | 8.0  | 10.5 | 7.6   | 6.0  | 10.5  |
| 8.3  | 13.4 | 10.1 | 10.6 | 8.9   | 11.5 | 15.4  |
| 4.4  | 6.9  | 4.7  | 5.8  | 6.9   | 8.1  | 8.1   |
| 16.3 | 24.2 | 16.9 | 19.1 | 24.6  | 26.1 | 16.9  |
| 9.2  | 10.5 | 7.3  | 8.9  | 11.4  | 8.8  | 4.9   |
| 0.0  | 0.0  | 0.9  | 0.8  | 0.3   | 0.1  | 0.0   |
| 75.0 | 91.2 | 79.8 | 87.9 | 104.9 | 90.0 | 107.1 |
| 0.2  | 0.2  | 0.1  | 0.4  | 0.1   | 0.5  | 0.1   |
| 5.0  | 7.7  | 11.6 | 13.5 | 7.1   | 12.4 | 5.1   |
| 0.9  | 1.0  | 0.9  | 1.0  | 1.4   | 1.8  | 0.2   |
| 0.1  | 0.1  | 0.5  | 0.5  | 0.3   | 0.4  | 0.0   |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.0   | 0.0  | 0.0   |
| 0.7  | 0.3  | 0.4  | 0.3  | 0.5   | 0.4  | 0.2   |
| 0.2  | 0.1  | 0.3  | 0.4  | 0.1   | 0.1  | 0.0   |
| 0.0  | 0.1  | 1.0  | 0.4  | 0.2   | 1.0  | 0.0   |
| 23.6 | 28.7 | 29.3 | 34.2 | 29.2  | 26.9 | 29.7  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1   | 0.1  | 0.0   |
| 47.8 | 66.7 | 63.0 | 47.4 | 77.7  | 66.9 | 54.6  |
| 3.8  | 5.6  | 4.3  | 5.2  | 5.8   | 8.3  | 5.6   |
| 13.1 | 17.5 | 16.4 | 16.6 | 13.7  | 16.0 | 14.3  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.0   | 0.2  | 0.0   |
| 17.2 | 20.0 | 19.9 | 22.9 | 19.8  | 22.3 | 25.5  |
| 6.5  | 5.8  | 4.6  | 4.2  | 5.6   | 9.4  | 13.2  |
| 0.0  | 0.1  | 0.0  | 0.2  | 0.0   | 0.0  | 0.0   |
| 0.0  | 0.0  | 0.0  | 0.3  | 0.1   | 0.0  | 0.0   |
| 0.2  | 0.0  | 0.1  | 0.4  | 0.0   | 0.0  | 0.0   |
| 31.1 | 35.5 | 32.2 | 37.3 | 46.6  | 41.5 | 55.8  |
| 0.0  | 0.0  | 0.4  | 0.1  | 0.1   | 0.4  | 0.0   |
| 0.1  | 0.3  | 0.3  | 0.9  | 0.1   | 0.5  | 0.2   |
| 0.1  | 0.1  | 0.5  | 0.3  | 0.2   | 0.2  | 0.0   |
| 0.0  | 0.0  | 0.1  | 0.3  | 0.0   | 0.6  | 0.0   |
| 15.3 | 18.5 | 17.4 | 20.2 | 20.8  | 17.7 | 18.3  |
| 0.0  | 0.0  | 0.9  | 0.0  | 0.0   | 0.0  | 0.0   |
| 38.4 | 47.0 | 42.1 | 48.0 | 37.2  | 47.3 | 83.9  |
| 4.1  | 5.7  | 5.5  | 4.4  | 7.1   | 5.4  | 2.2   |
| 0.7  | 0.2  | 0.3  | 0.0  | 0.5   | 0.0  | 0.0   |
| 37.8 | 41.1 | 45.1 | 40.9 | 38.6  | 37.8 | 55.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   |
| 4.5  | 6.7  | 8.2  | 8.9  | 8.2   | 7.0  | 7.1   |
| 8.1  | 9.8  | 4.9  | 4.7  | 9.3   | 10.0 | 3.4   |
| 9.7  | 9.2  | 6.6  | 7.8  | 6.4   | 7.7  | 2.4   |
| 29.0 | 23.8 | 31.0 | 41.2 | 30.6  | 25.2 | 28.8  |
| 3.1  | 3.6  | 5.2  | 4.6  | 4.3   | 4.5  | 6.5   |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.1   | 0.1  | 0.0   |
| 0.2  | 0.3  | 1.1  | 0.6  | 0.3   | 0.5  | 0.0   |
| 25.5 | 36.4 | 25.0 | 24.6 | 33.7  | 34.8 | 20.7  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 2.9   | 2.8   | 3.2   | 3.5   | 3.4   | 3.1   | 3.3   |
| 24.5  | 33.1  | 45.6  | 38.9  | 35.6  | 30.3  | 36.8  |
| 0.1   | 0.0   | 0.3   | 0.2   | 0.1   | 0.2   | 0.0   |
| 12.0  | 16.0  | 16.1  | 18.7  | 13.9  | 17.8  | 16.4  |
| 5.3   | 6.9   | 5.8   | 3.9   | 5.4   | 5.6   | 4.0   |
| 3.2   | 3.6   | 6.0   | 6.6   | 6.6   | 5.9   | 5.6   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.1   | 0.0   |
| 14.3  | 15.0  | 12.7  | 12.0  | 20.3  | 15.0  | 5.5   |
| 1.6   | 2.2   | 2.3   | 3.1   | 2.3   | 3.5   | 3.3   |
| 131.8 | 279.9 | 240.1 | 263.6 | 245.5 | 256.3 | 176.2 |
| 13.4  | 18.6  | 15.6  | 18.7  | 15.1  | 15.2  | 19.5  |
| 0.3   | 0.1   | 0.7   | 0.7   | 0.1   | 0.5   | 0.0   |
| 4.6   | 7.3   | 5.7   | 6.4   | 5.6   | 5.7   | 5.4   |
| 2.6   | 3.3   | 2.6   | 2.3   | 3.1   | 2.0   | 1.5   |
| 7.4   | 6.9   | 4.8   | 5.4   | 7.6   | 8.2   | 9.5   |
| 0.0   | 0.1   | 0.7   | 0.2   | 0.0   | 0.2   | 0.0   |
| 33.6  | 55.1  | 45.0  | 47.8  | 50.9  | 53.9  | 56.5  |
| 0.4   | 0.3   | 0.3   | 1.8   | 0.1   | 1.2   | 0.0   |
| 8.6   | 10.0  | 7.7   | 10.6  | 8.8   | 10.3  | 10.0  |
| 13.5  | 17.2  | 20.3  | 20.6  | 14.7  | 17.7  | 16.9  |
| 0.1   | 0.3   | 0.8   | 0.2   | 0.2   | 0.2   | 0.0   |
| 0.3   | 0.7   | 1.3   | 0.8   | 0.8   | 1.0   | 0.4   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.3   | 0.4   | 1.1   | 0.1   | 0.3   | 0.2   | 0.0   |
| 1.8   | 1.2   | 2.5   | 2.6   | 1.2   | 1.7   | 0.2   |
| 2.4   | 1.4   | 1.9   | 3.0   | 2.0   | 1.4   | 1.4   |
| 0.6   | 0.2   | 0.8   | 0.7   | 0.4   | 0.3   | 0.0   |
| 0.1   | 0.0   | 0.5   | 0.2   | 0.0   | 0.5   | 0.0   |
| 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.1   | 0.0   |
| 1.7   | 2.2   | 2.4   | 2.4   | 2.5   | 2.9   | 2.1   |
| 6.2   | 9.3   | 9.8   | 8.7   | 9.3   | 9.0   | 6.0   |
| 0.0   | 0.0   | 0.1   | 0.2   | 0.0   | 0.3   | 0.0   |
| 8.2   | 9.3   | 8.4   | 6.9   | 12.3  | 11.4  | 6.5   |
| 0.4   | 0.5   | 0.8   | 0.5   | 0.6   | 0.5   | 0.0   |
| 0.1   | 0.0   | 0.2   | 0.3   | 0.2   | 0.0   | 0.1   |
| 13.8  | 14.3  | 9.2   | 13.2  | 14.8  | 13.5  | 26.6  |
| 0.4   | 1.1   | 0.7   | 0.7   | 1.1   | 0.4   | 0.6   |
| 1.6   | 2.0   | 1.8   | 2.1   | 2.7   | 2.1   | 1.5   |
| 1.0   | 0.6   | 0.3   | 1.5   | 3.0   | 0.5   | 8.0   |
| 4.3   | 5.3   | 4.3   | 3.2   | 6.0   | 5.7   | 1.3   |
| 3.1   | 4.3   | 3.9   | 3.2   | 3.8   | 3.5   | 3.3   |
| 62.3  | 67.7  | 50.4  | 60.1  | 59.4  | 75.2  | 68.2  |
| 0.1   | 0.0   | 0.3   | 0.1   | 0.3   | 0.2   | 0.0   |
| 0.4   | 0.8   | 0.6   | 0.5   | 0.5   | 0.7   | 0.0   |

|      |      |      |      |      |      |       |
|------|------|------|------|------|------|-------|
| 20.5 | 25.2 | 23.0 | 28.9 | 25.2 | 23.9 | 24.4  |
| 0.1  | 0.1  | 0.2  | 0.2  | 0.1  | 0.1  | 0.0   |
| 73.7 | 63.4 | 82.4 | 95.9 | 88.2 | 96.5 | 134.8 |
| 12.5 | 13.2 | 15.8 | 19.2 | 15.7 | 15.9 | 8.4   |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.1  | 0.1  | 0.0   |
| 5.2  | 6.5  | 6.2  | 5.6  | 9.5  | 7.7  | 3.2   |
| 13.9 | 14.9 | 15.4 | 19.7 | 15.8 | 16.4 | 11.5  |
| 0.8  | 1.3  | 3.3  | 2.3  | 0.9  | 2.2  | 1.0   |
| 29.0 | 34.7 | 27.2 | 36.6 | 30.0 | 30.7 | 31.4  |
| 1.6  | 1.8  | 1.9  | 1.6  | 2.4  | 2.5  | 1.5   |
| 1.7  | 2.6  | 2.9  | 3.6  | 2.7  | 3.7  | 3.0   |
| 6.7  | 7.5  | 8.0  | 8.2  | 8.0  | 7.7  | 11.4  |
| 5.2  | 7.8  | 10.2 | 8.4  | 6.7  | 9.6  | 3.9   |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0   |
| 9.6  | 10.0 | 8.1  | 8.2  | 9.0  | 13.6 | 14.3  |
| 4.7  | 7.9  | 6.0  | 8.4  | 7.3  | 7.4  | 9.9   |
| 11.4 | 14.1 | 13.1 | 12.1 | 16.1 | 14.8 | 7.3   |
| 44.0 | 64.0 | 49.4 | 45.7 | 47.8 | 66.0 | 30.6  |
| 13.3 | 17.0 | 11.6 | 12.1 | 20.4 | 18.5 | 4.8   |
| 3.8  | 3.4  | 4.6  | 6.6  | 3.7  | 4.0  | 4.8   |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0   |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0   |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0   |
| 5.9  | 6.2  | 5.9  | 5.8  | 7.9  | 7.4  | 5.0   |
| 14.9 | 20.4 | 21.7 | 21.4 | 32.9 | 27.3 | 8.8   |
| 2.2  | 2.4  | 2.5  | 3.0  | 3.1  | 2.7  | 2.4   |
| 2.3  | 2.4  | 3.4  | 3.3  | 4.1  | 2.9  | 3.5   |
| 1.8  | 2.8  | 1.9  | 1.6  | 1.9  | 2.5  | 3.0   |
| 6.1  | 9.7  | 9.3  | 10.2 | 9.8  | 9.1  | 5.0   |
| 5.3  | 4.9  | 6.0  | 5.2  | 8.4  | 6.2  | 3.2   |
| 1.4  | 1.4  | 1.9  | 1.9  | 2.0  | 2.3  | 1.0   |
| 5.9  | 8.7  | 6.4  | 7.5  | 9.5  | 8.0  | 3.6   |
| 9.1  | 10.5 | 9.8  | 10.5 | 14.7 | 12.5 | 6.6   |
| 1.8  | 2.0  | 1.5  | 1.4  | 2.4  | 3.0  | 0.5   |
| 0.0  | 0.0  | 0.4  | 0.3  | 0.0  | 0.0  | 0.0   |
| 1.6  | 1.8  | 1.0  | 1.0  | 2.0  | 2.4  | 1.9   |
| 0.0  | 0.1  | 0.4  | 0.2  | 0.1  | 0.1  | 0.0   |
| 0.2  | 0.1  | 0.9  | 0.4  | 0.5  | 0.2  | 0.0   |
| 0.4  | 0.6  | 1.5  | 2.0  | 1.0  | 1.7  | 0.0   |
| 1.1  | 1.4  | 0.6  | 1.0  | 1.1  | 1.1  | 0.4   |
| 1.1  | 1.3  | 1.2  | 0.8  | 1.1  | 1.3  | 0.5   |
| 1.1  | 1.4  | 1.1  | 1.3  | 1.6  | 0.8  | 1.2   |
| 0.2  | 0.3  | 0.1  | 0.3  | 0.5  | 0.0  | 1.1   |
| 0.0  | 0.0  | 0.5  | 0.2  | 0.1  | 0.7  | 0.0   |
| 2.6  | 3.2  | 2.3  | 2.5  | 3.8  | 2.9  | 1.0   |
| 9.8  | 11.4 | 10.3 | 9.7  | 12.9 | 14.0 | 10.3  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   |

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| 0.1    | 0.4    | 0.7    | 0.6    | 0.0    | 0.2    | 0.0    |
| 2.4    | 4.7    | 4.1    | 4.7    | 3.2    | 4.2    | 3.6    |
| 3.7    | 4.2    | 2.3    | 2.8    | 4.1    | 3.9    | 3.8    |
| 17.7   | 23.1   | 18.9   | 19.6   | 18.7   | 22.0   | 31.5   |
| 0.1    | 0.1    | 0.5    | 0.2    | 0.2    | 0.1    | 0.0    |
| 0.0    | 0.1    | 0.0    | 0.4    | 0.1    | 0.2    | 0.0    |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 16.8   | 18.3   | 18.8   | 18.8   | 17.6   | 14.2   | 11.7   |
| 0.0    | 0.1    | 0.3    | 0.3    | 0.0    | 0.3    | 0.0    |
| 1.1    | 0.6    | 1.0    | 1.8    | 1.6    | 3.2    | 4.7    |
| 0.2    | 0.5    | 0.4    | 0.4    | 0.1    | 0.5    | 0.1    |
| 6.2    | 6.3    | 6.4    | 6.7    | 10.8   | 9.1    | 11.1   |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 146.9  | 122.6  | 123.9  | 156.4  | 199.4  | 154.0  | 192.7  |
| 5.4    | 6.5    | 7.2    | 5.8    | 6.6    | 8.6    | 8.7    |
| 74.1   | 74.3   | 90.4   | 85.8   | 72.2   | 73.6   | 50.9   |
| 1.1    | 2.7    | 3.0    | 2.3    | 3.8    | 2.8    | 1.3    |
| 0.8    | 2.0    | 3.6    | 1.7    | 1.3    | 1.5    | 0.0    |
| 59.4   | 48.5   | 54.7   | 62.0   | 77.0   | 61.6   | 98.0   |
| 7.0    | 6.1    | 6.4    | 6.2    | 7.6    | 4.9    | 2.4    |
| 0.0    | 0.2    | 0.4    | 0.5    | 0.0    | 0.1    | 0.0    |
| 6.7    | 11.4   | 13.5   | 14.1   | 13.3   | 13.3   | 13.7   |
| 0.0    | 0.0    | 0.3    | 0.1    | 0.0    | 0.1    | 0.0    |
| 12.0   | 16.2   | 20.1   | 16.4   | 15.9   | 24.4   | 10.4   |
| 61.4   | 109.4  | 102.2  | 96.7   | 84.0   | 83.5   | 64.0   |
| 26.3   | 33.3   | 36.1   | 40.3   | 32.8   | 39.1   | 36.6   |
| 0.7    | 1.1    | 1.5    | 1.7    | 0.7    | 2.1    | 2.1    |
| 0.1    | 0.0    | 0.5    | 0.5    | 0.3    | 0.3    | 0.0    |
| 4.2    | 6.0    | 6.1    | 6.1    | 9.6    | 8.6    | 1.7    |
| 27.9   | 29.8   | 28.2   | 25.8   | 30.7   | 34.7   | 18.9   |
| 45.1   | 49.2   | 53.7   | 56.0   | 50.3   | 51.2   | 62.8   |
| 3.9    | 3.2    | 3.3    | 3.5    | 5.3    | 4.8    | 3.6    |
| 1.3    | 1.5    | 1.9    | 1.9    | 1.8    | 2.3    | 1.3    |
| 1.0    | 0.8    | 1.5    | 1.2    | 0.8    | 2.1    | 1.9    |
| 33.9   | 52.5   | 43.6   | 49.7   | 42.0   | 46.4   | 38.8   |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.2    | 0.0    |
| 0.8    | 0.9    | 1.4    | 1.0    | 1.2    | 1.5    | 3.2    |
| 0.1    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.2    |
| 1.0    | 1.5    | 1.9    | 2.0    | 1.6    | 2.0    | 1.2    |
| 4.9    | 5.1    | 5.4    | 5.3    | 7.4    | 3.6    | 1.7    |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 1066.5 | 711.8  | 817.7  | 887.1  | 1096.7 | 1105.2 | 2678.9 |
| 2475.7 | 2128.6 | 2151.7 | 2437.5 | 2396.7 | 2232.0 | 3841.2 |
| 0.0    | 0.0    | 0.3    | 0.3    | 0.0    | 0.1    | 0.0    |
| 0.2    | 0.2    | 0.7    | 0.9    | 0.4    | 0.5    | 0.4    |
| 13.6   | 15.0   | 16.3   | 17.5   | 19.8   | 16.4   | 21.1   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 2.1  | 3.4  | 3.6  | 3.7  | 2.9  | 3.5  | 3.6  |
| 4.0  | 5.6  | 6.9  | 7.8  | 4.7  | 8.0  | 1.8  |
| 0.3  | 0.0  | 0.9  | 1.1  | 0.3  | 0.0  | 0.0  |
| 0.3  | 0.3  | 0.2  | 0.4  | 0.2  | 0.5  | 0.2  |
| 4.3  | 4.6  | 4.3  | 5.3  | 4.9  | 5.6  | 2.0  |
| 3.2  | 3.7  | 2.7  | 3.7  | 5.4  | 4.2  | 2.3  |
| 1.8  | 2.2  | 2.4  | 2.8  | 2.8  | 2.4  | 1.1  |
| 3.6  | 4.4  | 1.9  | 2.1  | 3.9  | 4.0  | 2.0  |
| 8.4  | 10.5 | 8.8  | 7.5  | 13.8 | 7.9  | 6.6  |
| 18.8 | 25.4 | 25.6 | 24.9 | 29.6 | 29.6 | 12.2 |
| 30.2 | 37.1 | 32.2 | 38.4 | 36.7 | 35.3 | 48.8 |
| 4.1  | 3.8  | 4.2  | 4.0  | 5.7  | 5.7  | 2.7  |
| 0.1  | 0.3  | 0.5  | 0.3  | 0.3  | 0.1  | 0.0  |
| 0.0  | 0.7  | 1.1  | 0.0  | 0.2  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 14.1 | 15.1 | 11.2 | 10.0 | 16.4 | 15.3 | 4.8  |
| 0.0  | 0.0  | 0.4  | 0.0  | 0.0  | 0.0  | 0.0  |
| 17.1 | 16.4 | 16.7 | 21.6 | 22.4 | 16.9 | 5.5  |
| 7.0  | 11.2 | 7.1  | 5.9  | 8.1  | 8.1  | 3.6  |
| 0.0  | 0.3  | 1.5  | 1.1  | 0.3  | 0.5  | 0.0  |
| 2.1  | 2.3  | 1.9  | 3.0  | 3.4  | 2.5  | 4.8  |
| 5.4  | 6.2  | 5.4  | 6.4  | 6.9  | 6.6  | 5.4  |
| 4.6  | 5.9  | 6.5  | 6.5  | 4.7  | 5.0  | 5.1  |
| 60.7 | 76.3 | 62.7 | 52.8 | 83.9 | 79.6 | 49.2 |
| 6.8  | 8.8  | 10.3 | 10.7 | 8.7  | 9.8  | 8.2  |
| 1.1  | 1.3  | 1.8  | 2.1  | 2.3  | 1.4  | 1.4  |
| 16.8 | 21.9 | 19.9 | 16.2 | 25.1 | 21.6 | 9.9  |
| 7.9  | 7.8  | 6.2  | 7.1  | 6.9  | 9.1  | 3.5  |
| 4.5  | 4.9  | 4.6  | 4.1  | 6.0  | 5.1  | 3.3  |
| 4.3  | 6.7  | 6.9  | 7.2  | 8.8  | 6.7  | 4.4  |
| 0.2  | 0.3  | 0.6  | 0.3  | 0.2  | 0.8  | 0.9  |
| 5.1  | 7.8  | 4.2  | 6.0  | 8.8  | 5.9  | 4.9  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 8.4  | 10.0 | 9.1  | 11.1 | 12.3 | 9.3  | 8.3  |
| 12.8 | 14.1 | 13.2 | 12.6 | 19.5 | 16.1 | 15.7 |
| 1.1  | 1.5  | 1.5  | 1.3  | 1.8  | 1.6  | 1.1  |
| 5.7  | 3.4  | 5.5  | 7.0  | 7.0  | 4.8  | 16.7 |
| 10.9 | 13.1 | 14.4 | 16.2 | 13.4 | 11.4 | 14.8 |
| 0.5  | 0.1  | 0.1  | 0.0  | 0.4  | 0.3  | 0.0  |
| 2.3  | 1.5  | 1.9  | 1.8  | 1.3  | 0.7  | 1.4  |
| 2.7  | 6.1  | 8.9  | 7.4  | 2.1  | 7.5  | 2.9  |
| 0.6  | 0.0  | 0.5  | 0.4  | 0.6  | 0.4  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.4  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.0  | 0.2  | 1.0  | 0.8  | 0.4  | 0.0  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.4  | 0.2  | 0.0  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 94.6  | 44.2  | 48.3  | 54.7  | 83.2  | 78.7  | 156.5 |
| 0.1   | 0.1   | 0.5   | 0.2   | 0.2   | 0.5   | 0.0   |
| 0.0   | 0.1   | 0.0   | 0.6   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.3   | 0.2   | 0.3   | 0.1   | 0.0   | 0.0   |
| 511.7 | 542.1 | 440.3 | 472.2 | 477.2 | 480.6 | 508.5 |
| 0.0   | 0.0   | 0.3   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.2   | 2.0   | 1.6   | 2.3   | 1.1   | 3.2   | 2.7   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 8.5   | 9.5   | 8.1   | 7.1   | 14.2  | 9.5   | 3.3   |
| 4.7   | 4.1   | 5.3   | 5.2   | 5.7   | 5.9   | 5.6   |
| 0.7   | 0.5   | 0.8   | 0.8   | 0.7   | 1.0   | 1.9   |
| 1.5   | 2.0   | 1.2   | 1.8   | 2.3   | 1.4   | 1.0   |
| 3.0   | 3.3   | 2.8   | 3.2   | 3.0   | 4.5   | 2.3   |
| 1.2   | 1.4   | 0.8   | 0.9   | 2.1   | 1.1   | 0.1   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.1   | 0.1   | 0.0   |
| 2.4   | 4.1   | 4.5   | 4.5   | 3.3   | 4.3   | 2.5   |
| 12.2  | 5.7   | 9.2   | 14.8  | 12.1  | 9.1   | 30.0  |
| 8.6   | 8.9   | 9.9   | 11.2  | 10.3  | 10.3  | 11.7  |
| 27.2  | 23.0  | 17.6  | 17.1  | 26.9  | 30.4  | 19.3  |
| 17.2  | 19.3  | 17.7  | 20.8  | 23.9  | 18.6  | 18.3  |
| 1.0   | 1.2   | 0.9   | 1.1   | 1.9   | 1.3   | 0.9   |
| 58.9  | 82.2  | 75.6  | 80.3  | 78.3  | 70.8  | 66.4  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 12.1  | 14.5  | 13.9  | 12.1  | 17.9  | 11.1  | 7.8   |
| 36.7  | 42.5  | 25.3  | 24.4  | 46.7  | 48.0  | 19.5  |
| 3.3   | 3.5   | 5.0   | 5.3   | 4.6   | 6.6   | 2.8   |
| 0.3   | 0.3   | 0.7   | 0.9   | 0.3   | 0.1   | 0.0   |
| 1.1   | 1.2   | 1.5   | 1.3   | 0.9   | 2.1   | 0.9   |
| 1.9   | 2.9   | 2.9   | 4.0   | 2.8   | 2.5   | 6.3   |
| 0.0   | 0.0   | 0.7   | 0.4   | 0.0   | 0.1   | 0.0   |
| 12.2  | 11.9  | 13.1  | 16.5  | 16.0  | 14.3  | 19.6  |
| 1.7   | 2.7   | 2.5   | 2.6   | 3.0   | 3.3   | 1.8   |
| 2.9   | 3.4   | 4.0   | 3.1   | 3.1   | 3.4   | 3.2   |
| 0.1   | 0.0   | 0.8   | 0.3   | 0.3   | 0.2   | 0.0   |
| 0.9   | 1.0   | 1.8   | 1.3   | 1.1   | 0.7   | 2.6   |
| 0.0   | 0.0   | 0.6   | 1.4   | 0.5   | 0.8   | 0.0   |
| 0.4   | 0.0   | 0.4   | 1.1   | 1.4   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.7   | 0.0   | 0.0   | 0.3   | 0.0   |
| 0.0   | 0.0   | 1.2   | 0.2   | 0.4   | 0.6   | 0.0   |
| 0.8   | 0.0   | 0.6   | 1.9   | 1.1   | 0.0   | 0.8   |
| 0.3   | 0.5   | 1.5   | 0.7   | 0.5   | 0.5   | 0.4   |
| 1.7   | 1.9   | 1.4   | 2.1   | 2.2   | 1.3   | 1.3   |
| 1.6   | 2.0   | 2.4   | 2.1   | 2.6   | 3.1   | 1.4   |
| 1.1   | 1.8   | 2.6   | 2.2   | 1.6   | 2.8   | 0.9   |
| 46.0  | 54.8  | 54.0  | 54.1  | 72.1  | 65.2  | 51.3  |
| 7.4   | 8.7   | 7.2   | 7.3   | 10.4  | 10.4  | 6.8   |
| 0.0   | 0.1   | 0.6   | 0.2   | 0.4   | 0.2   | 0.0   |

|      |       |       |       |      |       |       |
|------|-------|-------|-------|------|-------|-------|
| 0.0  | 0.3   | 0.2   | 0.4   | 0.0  | 0.0   | 0.0   |
| 1.9  | 1.8   | 2.4   | 2.8   | 3.0  | 2.9   | 2.3   |
| 0.0  | 0.0   | 0.2   | 0.0   | 0.0  | 0.2   | 0.0   |
| 0.0  | 0.0   | 0.3   | 0.0   | 0.0  | 0.0   | 0.0   |
| 0.0  | 0.0   | 0.0   | 0.0   | 0.8  | 0.4   | 0.0   |
| 5.3  | 8.5   | 6.8   | 6.5   | 6.4  | 9.2   | 4.3   |
| 93.0 | 147.7 | 123.4 | 144.2 | 98.2 | 114.3 | 129.1 |
| 34.6 | 44.9  | 43.5  | 44.1  | 58.8 | 51.2  | 33.9  |
| 4.9  | 8.5   | 4.7   | 4.9   | 5.6  | 7.2   | 10.4  |
| 0.6  | 0.6   | 1.2   | 1.2   | 1.3  | 0.5   | 0.7   |
| 0.0  | 0.0   | 0.0   | 0.1   | 0.0  | 0.0   | 0.0   |
| 0.9  | 1.3   | 2.6   | 2.4   | 1.8  | 2.1   | 2.5   |
| 0.3  | 0.4   | 0.1   | 0.9   | 0.2  | 0.3   | 0.7   |
| 12.3 | 8.0   | 13.0  | 15.7  | 14.1 | 5.7   | 3.9   |
| 0.1  | 0.0   | 0.4   | 0.6   | 0.1  | 0.3   | 0.0   |
| 0.0  | 0.0   | 0.0   | 0.5   | 0.0  | 0.0   | 0.0   |
| 0.0  | 0.1   | 0.0   | 0.7   | 0.0  | 0.0   | 0.3   |
| 12.4 | 15.6  | 14.8  | 15.3  | 16.9 | 16.6  | 17.1  |
| 41.9 | 65.4  | 59.1  | 67.2  | 55.1 | 64.3  | 76.3  |
| 2.3  | 3.4   | 3.0   | 2.5   | 2.0  | 2.9   | 6.1   |
| 0.4  | 1.5   | 1.6   | 1.1   | 1.9  | 1.6   | 2.7   |
| 3.9  | 4.0   | 6.0   | 6.0   | 4.1  | 4.8   | 3.5   |
| 38.3 | 46.6  | 36.8  | 38.5  | 53.4 | 48.4  | 25.2  |
| 2.3  | 2.2   | 2.3   | 3.0   | 3.8  | 2.9   | 1.5   |
| 0.9  | 0.9   | 1.2   | 1.7   | 1.3  | 1.5   | 0.5   |
| 2.4  | 3.0   | 5.2   | 4.8   | 3.8  | 5.1   | 2.8   |
| 27.6 | 29.1  | 28.9  | 32.5  | 38.3 | 12.2  | 17.2  |
| 9.8  | 13.5  | 11.5  | 14.3  | 10.4 | 13.7  | 14.5  |
| 18.2 | 8.7   | 11.1  | 12.6  | 11.8 | 20.0  | 42.6  |
| 6.5  | 9.6   | 5.6   | 6.8   | 9.0  | 9.6   | 3.7   |
| 6.2  | 6.1   | 6.0   | 6.1   | 8.8  | 6.1   | 2.0   |
| 0.0  | 0.1   | 0.0   | 0.2   | 0.0  | 0.7   | 0.0   |
| 0.1  | 0.2   | 0.1   | 0.2   | 0.0  | 0.0   | 0.0   |
| 0.8  | 1.2   | 1.1   | 1.4   | 1.4  | 1.1   | 1.5   |
| 4.4  | 6.5   | 6.2   | 6.1   | 5.8  | 7.7   | 4.5   |
| 0.2  | 0.1   | 0.4   | 0.5   | 0.2  | 0.2   | 0.0   |
| 0.4  | 0.4   | 0.8   | 1.0   | 0.1  | 0.5   | 1.3   |
| 0.1  | 0.1   | 0.2   | 0.7   | 0.1  | 0.1   | 0.0   |
| 0.2  | 0.0   | 0.8   | 0.4   | 0.0  | 0.0   | 0.0   |
| 0.1  | 0.0   | 0.9   | 0.3   | 0.0  | 0.3   | 0.0   |
| 77.6 | 85.7  | 89.0  | 103.2 | 92.6 | 92.5  | 118.6 |
| 3.2  | 4.6   | 6.5   | 5.8   | 5.0  | 6.2   | 4.7   |
| 0.1  | 0.0   | 0.6   | 0.7   | 0.2  | 0.0   | 0.0   |
| 0.4  | 0.8   | 0.4   | 0.5   | 0.5  | 0.4   | 0.0   |
| 0.0  | 0.0   | 0.0   | 0.2   | 0.0  | 0.0   | 0.0   |
| 4.5  | 5.3   | 3.9   | 4.9   | 5.3  | 6.5   | 10.9  |
| 3.7  | 6.0   | 9.2   | 7.6   | 6.9  | 5.4   | 4.1   |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 85.8  | 82.4  | 93.5  | 96.6  | 101.8 | 110.8 | 123.7 |
| 0.0   | 0.1   | 0.1   | 0.2   | 0.2   | 0.0   | 0.0   |
| 0.1   | 0.1   | 1.0   | 1.3   | 0.4   | 0.0   | 0.0   |
| 0.1   | 0.0   | 0.8   | 0.3   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.9   | 2.7   | 2.6   | 2.7   | 3.9   | 3.1   | 3.3   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.0   | 0.2   | 0.2   | 0.1   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 7.0   | 6.9   | 9.3   | 10.0  | 10.6  | 4.9   | 4.2   |
| 0.8   | 0.9   | 1.6   | 0.9   | 1.1   | 1.3   | 1.6   |
| 4.9   | 6.2   | 6.1   | 5.0   | 6.6   | 9.8   | 5.8   |
| 1.6   | 2.1   | 1.8   | 1.8   | 2.2   | 2.6   | 0.2   |
| 2.6   | 2.6   | 2.2   | 2.4   | 3.9   | 3.0   | 2.3   |
| 0.1   | 0.0   | 0.0   | 0.4   | 0.1   | 0.6   | 0.0   |
| 0.0   | 0.1   | 0.3   | 0.5   | 0.5   | 0.3   | 0.0   |
| 51.4  | 55.3  | 44.6  | 55.4  | 59.5  | 48.4  | 41.7  |
| 16.9  | 19.5  | 15.2  | 18.1  | 17.7  | 18.8  | 23.2  |
| 53.4  | 72.6  | 52.2  | 50.3  | 67.4  | 66.0  | 41.8  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 3.9   | 4.8   | 6.0   | 7.2   | 5.0   | 5.4   | 4.4   |
| 3.8   | 6.5   | 5.7   | 5.9   | 7.9   | 9.5   | 2.2   |
| 2.4   | 3.2   | 4.1   | 4.6   | 3.1   | 4.0   | 4.5   |
| 5.3   | 7.3   | 5.2   | 6.0   | 7.6   | 7.1   | 2.8   |
| 2.8   | 2.8   | 3.3   | 3.9   | 4.7   | 4.4   | 5.3   |
| 0.0   | 0.2   | 0.6   | 0.3   | 0.4   | 0.2   | 0.0   |
| 0.2   | 0.1   | 0.5   | 0.8   | 0.0   | 0.2   | 0.0   |
| 0.0   | 0.1   | 0.5   | 0.1   | 0.1   | 0.2   | 0.0   |
| 2.6   | 3.4   | 4.1   | 3.8   | 3.6   | 4.2   | 3.5   |
| 3.3   | 5.4   | 5.4   | 6.0   | 5.3   | 4.8   | 5.4   |
| 11.5  | 16.3  | 17.7  | 18.2  | 13.6  | 16.2  | 14.9  |
| 5.7   | 6.1   | 8.2   | 7.6   | 7.4   | 7.5   | 7.4   |
| 277.6 | 375.3 | 284.8 | 304.6 | 356.7 | 342.6 | 372.0 |
| 0.2   | 0.1   | 0.2   | 0.3   | 0.5   | 0.0   | 0.0   |
| 3.8   | 6.3   | 4.7   | 5.0   | 5.2   | 6.9   | 5.5   |
| 0.1   | 0.1   | 0.0   | 0.1   | 0.1   | 0.4   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.1   | 0.1   | 0.0   | 0.0   |
| 1.5   | 1.7   | 1.5   | 1.7   | 1.9   | 1.1   | 0.4   |
| 0.1   | 0.1   | 0.1   | 0.2   | 0.2   | 0.2   | 0.0   |
| 1.2   | 1.0   | 1.7   | 1.8   | 0.9   | 1.3   | 2.1   |
| 2.0   | 2.6   | 3.3   | 4.2   | 3.1   | 4.1   | 3.5   |
| 1.2   | 1.6   | 1.9   | 2.1   | 1.8   | 2.3   | 0.9   |
| 7.3   | 7.2   | 7.4   | 7.6   | 8.5   | 9.0   | 6.0   |
| 2.5   | 3.5   | 1.5   | 1.9   | 3.0   | 3.0   | 1.7   |
| 11.4  | 11.4  | 10.0  | 11.1  | 15.8  | 11.5  | 10.0  |
| 0.6   | 0.7   | 0.9   | 0.7   | 0.4   | 0.7   | 0.4   |



|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 2.3  | 3.3  | 4.1  | 3.2  | 3.1  | 3.6  | 3.0  |
| 1.4  | 1.7  | 1.7  | 2.3  | 1.7  | 1.6  | 1.6  |
| 3.7  | 4.1  | 8.6  | 10.6 | 11.6 | 6.6  | 5.9  |
| 16.5 | 8.5  | 9.5  | 16.5 | 13.2 | 15.0 | 51.2 |
| 33.2 | 29.6 | 23.7 | 25.2 | 49.2 | 44.0 | 22.6 |
| 0.2  | 0.1  | 0.5  | 0.7  | 0.0  | 0.4  | 0.0  |
| 2.9  | 3.3  | 2.4  | 2.7  | 3.9  | 4.9  | 6.0  |
| 3.9  | 4.3  | 5.5  | 5.9  | 5.9  | 5.3  | 6.1  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 4.2  | 7.4  | 5.7  | 5.2  | 5.3  | 5.8  | 4.4  |
| 0.6  | 0.3  | 0.7  | 0.2  | 0.2  | 0.3  | 0.2  |
| 0.8  | 1.4  | 1.4  | 1.5  | 1.1  | 0.8  | 1.1  |
| 16.9 | 18.0 | 18.2 | 24.3 | 22.7 | 22.5 | 28.9 |
| 3.8  | 4.8  | 6.9  | 7.6  | 5.2  | 5.1  | 3.5  |
| 4.1  | 4.9  | 5.8  | 4.3  | 4.0  | 7.0  | 4.4  |
| 16.4 | 19.0 | 20.4 | 20.8 | 25.1 | 18.4 | 11.4 |
| 4.1  | 3.5  | 2.7  | 3.2  | 6.1  | 4.2  | 1.9  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  |
| 7.3  | 8.5  | 8.2  | 9.9  | 10.8 | 10.2 | 9.8  |
| 1.7  | 2.0  | 3.1  | 2.4  | 4.0  | 3.3  | 2.3  |
| 0.0  | 0.0  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.4  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.5  | 0.3  | 0.0  |
| 2.9  | 5.5  | 10.6 | 13.1 | 6.0  | 13.8 | 0.7  |
| 2.3  | 2.6  | 2.6  | 2.9  | 2.0  | 2.9  | 2.5  |
| 24.0 | 48.3 | 38.3 | 30.7 | 38.8 | 42.3 | 26.3 |
| 5.1  | 5.9  | 5.1  | 4.8  | 6.6  | 5.7  | 3.1  |
| 3.7  | 4.7  | 5.2  | 5.9  | 4.1  | 3.5  | 6.5  |
| 21.4 | 16.3 | 21.4 | 26.7 | 23.1 | 21.7 | 24.9 |
| 14.2 | 14.5 | 10.1 | 9.0  | 11.2 | 13.3 | 7.6  |
| 1.0  | 1.0  | 1.2  | 1.2  | 1.3  | 1.1  | 0.6  |
| 10.1 | 10.6 | 10.2 | 11.3 | 13.9 | 11.0 | 15.8 |
| 0.5  | 0.9  | 2.1  | 0.7  | 2.5  | 2.8  | 5.4  |
| 2.9  | 4.2  | 3.4  | 4.5  | 2.8  | 4.0  | 1.9  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.0  |
| 2.3  | 2.3  | 2.0  | 2.7  | 2.4  | 1.6  | 0.9  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.8  | 1.0  | 0.9  | 0.9  | 0.7  | 1.6  | 0.9  |
| 0.1  | 0.0  | 0.3  | 0.2  | 0.1  | 0.3  | 0.0  |
| 0.3  | 0.2  | 0.5  | 0.5  | 0.3  | 0.3  | 0.0  |
| 0.0  | 0.3  | 0.7  | 0.4  | 0.5  | 0.2  | 0.0  |
| 1.6  | 1.7  | 1.5  | 2.0  | 2.2  | 1.2  | 3.6  |
| 0.5  | 0.4  | 0.3  | 0.4  | 0.7  | 1.7  | 0.8  |
| 23.2 | 27.2 | 22.8 | 26.0 | 31.8 | 28.6 | 18.4 |
| 0.6  | 0.7  | 1.5  | 1.3  | 1.3  | 0.5  | 0.0  |
| 1.2  | 1.2  | 1.3  | 1.8  | 2.1  | 1.3  | 1.2  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.1  | 0.3  | 0.3  | 0.2  | 0.6  | 0.0  |
| 0.0  | 0.0  | 0.5  | 0.2  | 0.3  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.4  | 0.3  | 0.3  | 0.0  | 0.0  |
| 1.8  | 3.4  | 3.8  | 4.2  | 2.0  | 3.8  | 1.5  |
| 2.4  | 2.5  | 2.5  | 2.7  | 2.6  | 4.1  | 2.0  |
| 0.6  | 0.7  | 2.2  | 1.3  | 0.9  | 0.8  | 0.0  |
| 12.9 | 12.3 | 16.5 | 17.5 | 17.8 | 15.4 | 1.7  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.4  | 0.2  | 0.1  | 0.4  | 0.0  |
| 5.3  | 6.4  | 6.0  | 5.5  | 6.3  | 8.4  | 6.6  |
| 2.3  | 2.5  | 1.6  | 2.9  | 2.4  | 3.7  | 1.1  |
| 1.2  | 1.4  | 2.3  | 1.6  | 1.7  | 1.1  | 1.6  |
| 12.8 | 21.6 | 19.4 | 23.7 | 17.5 | 17.3 | 19.4 |
| 4.8  | 3.4  | 3.0  | 3.1  | 4.1  | 5.3  | 1.8  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.7  | 0.2  | 0.0  | 0.6  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.4  | 0.1  | 0.2  | 0.0  |
| 6.9  | 8.8  | 6.6  | 6.5  | 8.2  | 8.0  | 4.0  |
| 11.3 | 12.6 | 14.5 | 19.6 | 13.8 | 11.8 | 15.8 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  |
| 2.2  | 1.6  | 2.3  | 2.7  | 3.6  | 2.2  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.4  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 7.8  | 10.2 | 10.0 | 11.0 | 11.3 | 12.8 | 7.5  |
| 0.8  | 1.1  | 0.6  | 0.9  | 1.1  | 1.7  | 0.5  |
| 2.0  | 3.1  | 2.1  | 2.5  | 2.7  | 2.4  | 1.5  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.1  | 0.0  | 0.0  |
| 5.4  | 5.4  | 6.5  | 6.9  | 6.2  | 6.1  | 9.9  |
| 0.0  | 0.1  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  |
| 3.0  | 2.2  | 4.1  | 3.3  | 3.5  | 3.4  | 0.5  |
| 10.0 | 14.0 | 10.7 | 11.2 | 13.1 | 12.6 | 14.4 |
| 0.5  | 0.6  | 1.5  | 1.0  | 1.2  | 0.6  | 0.3  |
| 13.6 | 16.9 | 14.8 | 14.4 | 17.4 | 14.9 | 5.1  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 16.0 | 24.1 | 24.8 | 22.7 | 23.0 | 23.2 | 11.9 |
| 0.1  | 0.0  | 0.2  | 0.1  | 0.0  | 0.6  | 0.2  |
| 0.0  | 0.1  | 1.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.5  | 0.6  | 0.7  | 0.3  | 1.0  | 0.2  |
| 0.1  | 0.0  | 0.2  | 0.1  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.4  | 0.5  | 0.5  | 0.5  | 0.8  | 0.4  | 0.5  |
| 8.8  | 11.6 | 9.5  | 8.3  | 16.1 | 17.1 | 4.2  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 7.9  | 8.9  | 15.5 | 16.2 | 10.7 | 5.6  | 5.5  |
| 29.3 | 18.5 | 23.0 | 26.6 | 27.0 | 25.4 | 58.4 |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 6.9   | 4.9   | 5.6   | 8.1   | 5.6   | 5.6   | 6.4   |
| 8.4   | 4.7   | 5.9   | 6.2   | 7.4   | 6.6   | 20.9  |
| 8.0   | 11.2  | 7.7   | 10.9  | 13.2  | 10.4  | 9.8   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 1.5   | 1.7   | 1.0   | 1.3   | 1.4   | 1.6   | 0.2   |
| 0.2   | 0.2   | 0.7   | 1.0   | 0.3   | 0.3   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.3   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.2   | 0.5   | 0.4   | 0.5   | 0.4   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 90.2  | 101.8 | 103.7 | 107.3 | 103.0 | 110.1 | 96.9  |
| 11.6  | 15.0  | 10.9  | 13.1  | 18.0  | 13.2  | 4.9   |
| 0.1   | 0.0   | 0.3   | 0.2   | 0.4   | 0.2   | 0.0   |
| 30.0  | 31.5  | 27.8  | 24.3  | 26.6  | 37.9  | 6.9   |
| 40.5  | 55.2  | 58.1  | 60.1  | 57.4  | 53.1  | 52.6  |
| 0.1   | 0.2   | 0.8   | 0.4   | 0.1   | 1.0   | 0.0   |
| 0.1   | 0.2   | 0.8   | 1.0   | 0.1   | 0.2   | 0.0   |
| 5.8   | 7.5   | 8.2   | 7.8   | 6.8   | 8.8   | 6.6   |
| 112.0 | 126.6 | 136.3 | 154.1 | 127.2 | 114.4 | 155.0 |
| 0.0   | 0.0   | 0.3   | 0.3   | 0.1   | 0.0   | 0.0   |
| 4.3   | 5.0   | 4.8   | 5.1   | 5.4   | 5.0   | 4.5   |
| 0.0   | 0.1   | 0.2   | 0.1   | 0.1   | 0.2   | 0.0   |
| 0.1   | 0.1   | 0.3   | 0.3   | 0.3   | 0.3   | 0.0   |
| 0.4   | 0.5   | 0.9   | 0.6   | 1.0   | 0.5   | 0.6   |
| 0.5   | 0.6   | 0.8   | 0.7   | 0.7   | 0.7   | 1.8   |
| 2.3   | 1.9   | 2.7   | 3.6   | 2.9   | 3.1   | 3.5   |
| 26.2  | 18.7  | 26.3  | 35.5  | 26.3  | 30.4  | 49.4  |
| 0.3   | 1.2   | 1.8   | 1.5   | 0.5   | 1.6   | 0.1   |
| 5.7   | 7.2   | 8.1   | 7.0   | 6.9   | 8.1   | 5.4   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.2   | 0.2   | 0.1   | 0.1   | 0.1   | 0.0   |
| 0.1   | 0.1   | 1.3   | 0.0   | 0.1   | 0.5   | 0.0   |
| 0.2   | 0.4   | 1.4   | 0.5   | 0.2   | 1.0   | 0.0   |
| 1.1   | 0.5   | 0.8   | 0.4   | 0.7   | 0.0   | 0.0   |
| 1.0   | 1.3   | 1.9   | 1.7   | 1.2   | 1.1   | 0.0   |
| 3.3   | 3.2   | 3.4   | 2.9   | 4.5   | 4.0   | 6.5   |
| 5.3   | 8.7   | 8.9   | 9.7   | 6.8   | 8.5   | 3.0   |
| 27.6  | 23.8  | 22.2  | 20.2  | 28.0  | 29.3  | 11.8  |
| 0.3   | 0.0   | 0.1   | 0.5   | 0.0   | 0.1   | 0.0   |
| 1.1   | 0.6   | 1.4   | 0.8   | 0.8   | 0.8   | 0.0   |
| 75.5  | 90.8  | 110.6 | 119.4 | 106.6 | 95.4  | 111.7 |
| 0.2   | 0.2   | 0.8   | 0.6   | 0.1   | 0.8   | 0.0   |
| 0.1   | 0.2   | 0.6   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.0   | 0.0   | 0.2   | 0.7   | 0.3   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.3   | 0.5   | 0.6   | 0.3   | 0.0   | 0.0   |
| 0.4   | 0.8   | 0.1   | 0.4   | 0.7   | 0.5   | 1.6   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.1  | 0.7  | 0.4  | 0.4  | 0.5  | 0.5  | 0.1  |
| 2.5  | 3.1  | 4.6  | 5.2  | 4.4  | 2.7  | 2.1  |
| 2.7  | 1.6  | 2.5  | 3.8  | 3.8  | 4.1  | 2.4  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.2  | 0.5  | 0.1  | 0.1  | 0.4  | 0.0  |
| 0.2  | 0.2  | 1.0  | 0.5  | 0.4  | 0.0  | 0.0  |
| 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.3  | 0.2  | 0.2  | 0.0  |
| 32.9 | 60.1 | 52.5 | 42.8 | 42.1 | 58.4 | 33.4 |
| 1.2  | 1.6  | 1.5  | 1.4  | 3.4  | 2.3  | 2.4  |
| 2.8  | 3.7  | 3.9  | 3.0  | 7.4  | 4.6  | 3.2  |
| 0.1  | 0.1  | 0.2  | 0.2  | 0.1  | 1.0  | 0.0  |
| 1.9  | 2.8  | 2.3  | 2.9  | 3.6  | 3.5  | 1.6  |
| 0.3  | 0.5  | 1.0  | 0.6  | 0.2  | 0.7  | 0.3  |
| 2.2  | 2.1  | 1.5  | 2.7  | 3.8  | 3.3  | 1.9  |
| 3.6  | 4.9  | 4.8  | 6.8  | 4.2  | 5.0  | 5.7  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.7  | 1.4  | 3.7  | 3.4  | 0.8  | 2.8  | 1.3  |
| 0.1  | 0.0  | 0.1  | 0.1  | 0.3  | 0.1  | 0.0  |
| 1.8  | 2.6  | 4.4  | 4.6  | 4.0  | 2.6  | 3.4  |
| 2.9  | 5.0  | 5.0  | 4.3  | 5.5  | 6.0  | 1.5  |
| 0.1  | 0.0  | 0.2  | 0.2  | 0.2  | 0.1  | 0.0  |
| 41.6 | 43.9 | 35.5 | 37.3 | 46.6 | 46.5 | 35.2 |
| 0.1  | 0.1  | 0.3  | 0.3  | 0.1  | 0.3  | 0.0  |
| 8.1  | 10.6 | 9.2  | 9.5  | 14.3 | 13.6 | 4.2  |
| 9.5  | 9.6  | 4.5  | 4.9  | 5.2  | 11.8 | 6.3  |
| 0.1  | 0.2  | 0.4  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.3  | 0.3  | 0.1  | 0.4  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2.4  | 3.1  | 5.0  | 4.3  | 3.9  | 5.1  | 4.8  |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.0  | 0.0  | 0.0  |
| 4.0  | 5.0  | 3.8  | 3.0  | 5.7  | 3.9  | 0.7  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3.0  | 3.7  | 3.4  | 2.8  | 5.5  | 2.7  | 1.2  |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.0  | 0.2  | 0.0  |
| 2.5  | 2.1  | 1.2  | 2.0  | 4.3  | 2.7  | 0.6  |
| 0.7  | 0.4  | 1.1  | 0.8  | 0.8  | 1.0  | 1.2  |
| 0.9  | 1.0  | 0.9  | 0.9  | 1.4  | 1.7  | 0.4  |
| 4.7  | 6.3  | 6.5  | 6.2  | 6.7  | 6.6  | 7.7  |
| 0.7  | 0.8  | 1.1  | 1.0  | 0.8  | 0.6  | 1.0  |
| 0.0  | 0.0  | 0.4  | 0.3  | 0.1  | 0.2  | 0.0  |
| 1.0  | 1.2  | 1.3  | 1.3  | 2.1  | 1.7  | 1.4  |
| 0.0  | 0.0  | 0.4  | 0.2  | 0.1  | 1.2  | 0.0  |
| 0.1  | 0.0  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 1.5  | 1.5  | 0.8  | 0.8  | 2.4  | 0.8  | 0.2  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.4   | 0.8   | 0.2   | 0.1   | 0.6   | 0.9   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.2   | 0.0   | 0.0   |
| 0.1   | 0.2   | 0.3   | 0.2   | 0.2   | 0.2   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.3   | 0.3   | 0.0   | 0.0   | 0.0   |
| 14.5  | 23.4  | 20.3  | 23.7  | 21.5  | 19.4  | 18.2  |
| 11.7  | 14.5  | 8.3   | 8.2   | 11.7  | 11.1  | 5.2   |
| 13.0  | 15.2  | 17.0  | 19.2  | 16.1  | 15.6  | 14.2  |
| 0.6   | 0.7   | 1.0   | 0.8   | 0.5   | 0.7   | 1.7   |
| 0.1   | 0.1   | 0.2   | 0.1   | 0.1   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.3   | 0.2   | 0.4   | 0.4   | 0.6   | 0.2   | 0.2   |
| 0.5   | 0.9   | 1.6   | 1.5   | 1.0   | 1.2   | 0.6   |
| 3.9   | 7.8   | 7.5   | 5.9   | 8.9   | 10.5  | 1.8   |
| 0.0   | 0.1   | 0.1   | 0.2   | 0.0   | 0.2   | 0.0   |
| 3.3   | 4.3   | 4.9   | 5.4   | 2.7   | 6.4   | 7.4   |
| 0.0   | 0.1   | 0.3   | 0.0   | 0.1   | 0.1   | 0.0   |
| 0.3   | 0.3   | 0.5   | 0.5   | 0.3   | 0.7   | 0.0   |
| 0.0   | 0.1   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   |
| 12.2  | 19.1  | 18.5  | 17.3  | 16.4  | 15.9  | 15.4  |
| 26.8  | 35.8  | 35.3  | 38.3  | 41.1  | 45.4  | 40.5  |
| 0.0   | 0.1   | 0.2   | 0.2   | 0.2   | 0.1   | 0.0   |
| 2.6   | 4.0   | 1.4   | 1.9   | 3.6   | 5.6   | 2.8   |
| 0.0   | 0.0   | 0.5   | 0.2   | 0.0   | 0.1   | 0.0   |
| 5.6   | 8.0   | 7.5   | 7.0   | 7.5   | 8.6   | 4.3   |
| 0.0   | 0.1   | 0.3   | 0.1   | 0.1   | 0.5   | 0.0   |
| 0.6   | 1.7   | 5.3   | 2.3   | 2.2   | 2.4   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.2   | 0.2   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.8   | 0.7   | 0.2   | 0.4   | 0.0   |
| 0.3   | 0.4   | 1.5   | 1.3   | 0.0   | 0.9   | 0.0   |
| 0.0   | 0.2   | 0.5   | 0.8   | 0.0   | 0.4   | 0.0   |
| 0.4   | 0.6   | 1.1   | 0.9   | 0.9   | 0.7   | 0.0   |
| 12.4  | 16.9  | 16.9  | 14.4  | 13.9  | 12.6  | 17.6  |
| 0.3   | 1.0   | 0.8   | 1.8   | 0.4   | 1.0   | 0.0   |
| 0.0   | 0.1   | 0.4   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.7   | 0.1   | 0.0   | 0.6   | 0.0   |
| 0.9   | 2.3   | 4.4   | 4.1   | 1.7   | 4.7   | 0.6   |
| 0.0   | 0.3   | 0.8   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.4   | 1.4   | 2.7   | 2.2   | 0.9   | 2.5   | 0.2   |
| 2.7   | 3.1   | 2.0   | 1.8   | 4.0   | 3.8   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.7   | 1.1   | 1.9   | 2.1   | 1.6   | 1.0   | 0.8   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.1   | 0.0   | 0.0   |
| 179.6 | 167.9 | 171.6 | 211.0 | 170.3 | 152.6 | 288.5 |
| 5.5   | 9.2   | 11.0  | 10.5  | 9.6   | 13.6  | 6.0   |
| 7.6   | 8.2   | 7.1   | 8.8   | 10.0  | 7.8   | 5.5   |
| 0.7   | 1.0   | 1.3   | 1.4   | 1.1   | 1.6   | 0.7   |

|       |       |      |      |       |       |      |
|-------|-------|------|------|-------|-------|------|
| 0.3   | 0.2   | 0.4  | 0.7  | 0.4   | 0.4   | 0.7  |
| 2.1   | 3.2   | 3.4  | 3.2  | 2.7   | 4.5   | 2.4  |
| 11.7  | 11.8  | 14.2 | 17.3 | 14.4  | 12.5  | 13.4 |
| 1.6   | 1.6   | 3.0  | 3.0  | 2.0   | 1.5   | 2.1  |
| 8.2   | 9.0   | 9.6  | 9.9  | 7.9   | 9.0   | 11.0 |
| 0.0   | 0.0   | 0.0  | 0.1  | 0.1   | 0.0   | 0.0  |
| 0.0   | 0.2   | 0.6  | 0.3  | 0.0   | 0.1   | 0.0  |
| 2.7   | 3.4   | 3.7  | 2.0  | 1.9   | 2.3   | 3.5  |
| 29.2  | 23.3  | 28.7 | 40.5 | 36.2  | 35.1  | 37.4 |
| 5.1   | 4.5   | 5.5  | 5.6  | 6.9   | 6.9   | 1.8  |
| 0.2   | 0.2   | 0.2  | 0.2  | 0.2   | 0.1   | 0.1  |
| 0.0   | 0.1   | 0.0  | 0.0  | 0.2   | 0.0   | 0.0  |
| 0.0   | 0.1   | 0.0  | 0.0  | 0.0   | 0.0   | 0.0  |
| 7.1   | 10.9  | 3.0  | 2.5  | 9.6   | 1.4   | 2.2  |
| 0.0   | 0.2   | 0.2  | 0.3  | 0.2   | 0.4   | 0.0  |
| 1.1   | 1.2   | 0.6  | 1.3  | 1.8   | 1.1   | 0.0  |
| 0.7   | 0.7   | 0.7  | 0.8  | 0.7   | 1.6   | 0.7  |
| 0.4   | 0.4   | 1.1  | 0.3  | 1.3   | 0.3   | 0.0  |
| 8.2   | 10.0  | 6.0  | 8.9  | 8.4   | 5.6   | 20.8 |
| 39.7  | 47.8  | 40.4 | 43.7 | 54.2  | 53.9  | 29.6 |
| 2.0   | 2.8   | 1.7  | 2.0  | 3.6   | 3.1   | 3.5  |
| 5.1   | 4.7   | 2.4  | 3.7  | 5.1   | 2.7   | 2.7  |
| 36.6  | 55.5  | 36.1 | 37.7 | 27.8  | 58.1  | 32.5 |
| 3.0   | 3.8   | 4.1  | 4.6  | 3.5   | 3.9   | 7.4  |
| 0.2   | 0.2   | 0.0  | 0.4  | 0.0   | 0.0   | 0.0  |
| 0.2   | 0.1   | 0.4  | 0.3  | 0.1   | 0.4   | 0.1  |
| 0.4   | 0.4   | 0.4  | 0.4  | 0.9   | 1.0   | 0.0  |
| 7.3   | 10.1  | 6.9  | 6.8  | 9.5   | 10.8  | 5.3  |
| 0.4   | 1.2   | 2.5  | 1.7  | 0.7   | 1.6   | 0.0  |
| 26.3  | 31.5  | 23.8 | 31.4 | 29.1  | 26.6  | 28.5 |
| 2.9   | 4.9   | 4.8  | 5.3  | 5.4   | 5.0   | 3.4  |
| 17.5  | 22.8  | 27.0 | 22.3 | 30.9  | 21.9  | 16.7 |
| 21.4  | 26.7  | 19.5 | 21.2 | 33.8  | 31.8  | 8.6  |
| 7.7   | 7.4   | 8.0  | 7.6  | 7.8   | 8.2   | 7.1  |
| 1.5   | 1.1   | 2.0  | 2.1  | 1.6   | 1.6   | 3.0  |
| 0.6   | 0.9   | 1.7  | 1.6  | 1.3   | 1.6   | 0.8  |
| 5.5   | 6.4   | 6.1  | 8.1  | 6.9   | 7.7   | 14.8 |
| 0.4   | 0.6   | 1.0  | 0.7  | 0.8   | 1.1   | 0.3  |
| 0.3   | 0.8   | 1.6  | 1.4  | 0.6   | 1.2   | 0.0  |
| 121.4 | 133.4 | 83.6 | 86.8 | 107.4 | 124.9 | 88.2 |
| 0.1   | 0.2   | 0.4  | 0.3  | 0.0   | 0.4   | 0.0  |
| 8.0   | 9.5   | 8.1  | 8.8  | 9.8   | 9.3   | 2.4  |
| 12.5  | 14.0  | 13.9 | 16.9 | 13.8  | 15.6  | 22.7 |
| 13.5  | 19.6  | 21.1 | 24.7 | 21.7  | 18.6  | 18.6 |
| 0.1   | 0.1   | 0.2  | 0.4  | 0.3   | 0.1   | 0.0  |
| 29.0  | 35.8  | 44.2 | 50.0 | 35.3  | 41.5  | 28.3 |
| 2.5   | 3.6   | 3.3  | 4.6  | 3.7   | 3.9   | 2.5  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.1  | 0.0  | 0.0  | 0.5  | 0.0  | 0.0  |
| 20.4 | 22.5 | 23.3 | 26.3 | 26.8 | 18.1 | 30.9 |
| 18.6 | 18.7 | 13.6 | 12.8 | 26.1 | 21.0 | 6.8  |
| 1.0  | 1.0  | 0.8  | 0.7  | 1.1  | 2.0  | 1.1  |
| 0.0  | 0.0  | 0.6  | 0.8  | 0.1  | 0.0  | 0.0  |
| 2.9  | 5.2  | 1.9  | 2.9  | 2.8  | 3.6  | 3.3  |
| 35.5 | 43.2 | 42.1 | 43.9 | 47.7 | 60.1 | 45.1 |
| 1.4  | 1.6  | 1.4  | 1.3  | 1.3  | 1.6  | 0.8  |
| 6.7  | 8.2  | 8.3  | 8.6  | 9.2  | 7.7  | 5.1  |
| 7.8  | 9.1  | 7.1  | 7.6  | 10.5 | 7.5  | 6.1  |
| 23.1 | 26.0 | 24.5 | 32.6 | 27.2 | 26.0 | 28.3 |
| 10.7 | 11.3 | 11.2 | 12.2 | 14.6 | 12.1 | 6.5  |
| 15.6 | 11.9 | 12.1 | 17.3 | 14.7 | 13.6 | 20.3 |
| 5.9  | 5.7  | 6.7  | 7.3  | 6.8  | 7.9  | 6.7  |
| 0.1  | 0.1  | 0.2  | 0.2  | 0.2  | 0.4  | 0.2  |
| 6.8  | 7.5  | 6.5  | 5.5  | 8.8  | 9.9  | 6.9  |
| 2.8  | 4.4  | 6.5  | 6.2  | 8.3  | 6.0  | 2.6  |
| 0.0  | 0.0  | 0.7  | 0.1  | 0.0  | 0.2  | 0.0  |
| 11.6 | 11.0 | 12.8 | 16.1 | 13.1 | 12.1 | 25.9 |
| 0.2  | 0.3  | 0.2  | 0.6  | 0.4  | 0.4  | 0.1  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  | 0.0  |
| 0.5  | 0.5  | 0.7  | 0.9  | 0.5  | 0.6  | 0.4  |
| 9.5  | 8.5  | 9.5  | 13.1 | 14.2 | 12.8 | 18.8 |
| 0.3  | 0.2  | 0.5  | 0.8  | 0.0  | 0.4  | 0.5  |
| 19.6 | 19.0 | 18.9 | 21.8 | 21.3 | 18.4 | 23.5 |
| 2.9  | 3.8  | 7.1  | 5.4  | 5.8  | 3.3  | 3.0  |
| 0.0  | 0.1  | 0.1  | 0.2  | 0.0  | 0.3  | 0.0  |
| 1.2  | 2.2  | 1.7  | 1.8  | 2.7  | 4.0  | 0.6  |
| 0.7  | 0.2  | 1.0  | 0.2  | 1.1  | 0.9  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 5.1  | 7.4  | 7.6  | 10.4 | 6.3  | 6.8  | 3.8  |
| 0.1  | 0.1  | 0.3  | 0.3  | 0.0  | 0.3  | 0.0  |
| 0.5  | 0.5  | 0.6  | 0.6  | 0.5  | 0.7  | 0.7  |
| 0.6  | 0.5  | 1.4  | 1.7  | 1.3  | 0.9  | 1.4  |
| 7.8  | 7.9  | 4.9  | 5.2  | 10.0 | 6.6  | 1.7  |
| 31.9 | 42.8 | 41.2 | 44.5 | 40.6 | 39.5 | 43.9 |
| 9.2  | 10.0 | 6.7  | 7.1  | 7.7  | 8.5  | 14.0 |
| 78.1 | 81.8 | 76.9 | 84.6 | 91.6 | 93.7 | 81.1 |
| 0.2  | 0.5  | 0.8  | 0.4  | 0.6  | 0.3  | 0.3  |
| 2.2  | 2.9  | 3.4  | 2.9  | 2.7  | 3.2  | 3.2  |
| 12.8 | 13.8 | 13.1 | 12.9 | 12.9 | 12.2 | 9.4  |
| 0.0  | 0.1  | 0.4  | 0.1  | 0.0  | 0.2  | 0.0  |
| 5.7  | 4.7  | 4.1  | 4.0  | 6.8  | 6.9  | 4.1  |
| 2.8  | 2.6  | 3.7  | 3.9  | 4.0  | 3.1  | 3.0  |
| 0.8  | 0.9  | 1.1  | 1.3  | 1.3  | 0.5  | 0.4  |
| 1.5  | 1.9  | 1.8  | 1.6  | 2.8  | 2.2  | 1.7  |
| 10.3 | 14.1 | 16.2 | 19.3 | 10.9 | 13.8 | 24.5 |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 1.1  | 1.3  | 1.3  | 0.8  | 1.3  | 1.0  | 1.0  |
| 0.0  | 0.2  | 0.4  | 0.4  | 0.0  | 0.6  | 0.0  |
| 0.7  | 0.8  | 0.8  | 0.7  | 1.4  | 1.1  | 0.4  |
| 14.5 | 15.9 | 14.3 | 13.4 | 21.0 | 14.3 | 14.8 |
| 7.5  | 11.0 | 12.1 | 10.3 | 16.4 | 6.3  | 1.4  |
| 3.6  | 2.8  | 5.4  | 4.4  | 4.6  | 4.6  | 5.1  |
| 0.0  | 0.1  | 0.2  | 0.3  | 0.0  | 0.0  | 0.0  |
| 19.0 | 27.7 | 27.5 | 22.9 | 26.7 | 29.2 | 27.3 |
| 0.2  | 0.2  | 0.8  | 0.3  | 0.2  | 0.5  | 0.0  |
| 0.0  | 0.1  | 0.3  | 0.1  | 0.0  | 0.1  | 0.0  |
| 1.5  | 2.1  | 1.3  | 1.9  | 2.0  | 2.4  | 1.2  |
| 0.2  | 0.4  | 0.5  | 0.4  | 0.4  | 0.4  | 0.3  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.9  | 1.3  | 1.1  | 1.0  | 1.6  | 1.6  | 0.2  |
| 18.9 | 16.4 | 8.7  | 5.8  | 19.9 | 24.7 | 10.9 |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 1.8  | 1.1  | 2.4  | 2.5  | 1.6  | 4.3  | 0.2  |
| 0.6  | 0.9  | 0.8  | 1.1  | 0.6  | 1.0  | 1.1  |
| 0.3  | 0.6  | 2.0  | 2.5  | 0.7  | 0.8  | 0.5  |
| 14.4 | 20.2 | 16.0 | 19.6 | 21.3 | 21.2 | 24.0 |
| 1.0  | 2.0  | 3.7  | 3.9  | 2.2  | 3.2  | 0.3  |
| 0.0  | 0.2  | 0.9  | 0.5  | 0.4  | 0.3  | 0.0  |
| 0.9  | 1.2  | 1.9  | 1.7  | 1.7  | 1.1  | 0.5  |
| 3.5  | 3.8  | 3.2  | 4.1  | 3.7  | 4.3  | 10.8 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.2  | 0.0  |
| 6.7  | 7.1  | 5.6  | 5.7  | 7.3  | 9.8  | 8.9  |
| 6.5  | 8.1  | 12.0 | 13.0 | 13.5 | 12.3 | 16.1 |
| 33.5 | 49.5 | 34.7 | 38.4 | 48.1 | 48.0 | 18.3 |
| 4.7  | 6.0  | 4.0  | 3.8  | 6.3  | 6.5  | 5.0  |
| 1.0  | 1.0  | 0.5  | 0.4  | 1.2  | 0.6  | 0.8  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.6  | 0.6  | 1.2  | 1.9  | 0.4  | 0.4  | 0.8  |
| 1.4  | 1.7  | 1.0  | 1.4  | 1.7  | 1.9  | 0.9  |
| 15.3 | 17.5 | 20.2 | 18.9 | 17.4 | 17.9 | 14.9 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2.6  | 3.5  | 3.5  | 3.7  | 4.5  | 4.3  | 2.2  |
| 0.5  | 0.4  | 0.7  | 0.6  | 0.5  | 0.7  | 0.9  |
| 7.5  | 11.1 | 15.3 | 18.1 | 10.9 | 14.9 | 10.4 |
| 0.2  | 0.3  | 0.4  | 0.8  | 0.0  | 0.6  | 0.0  |
| 1.7  | 2.7  | 5.7  | 5.7  | 7.5  | 3.8  | 1.3  |
| 3.7  | 3.9  | 4.5  | 5.6  | 4.8  | 5.7  | 4.5  |
| 0.0  | 0.0  | 0.0  | 1.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 12.5 | 13.8 | 12.9 | 14.4 | 12.0 | 18.6 | 15.2 |
| 0.0  | 0.2  | 1.1  | 0.6  | 0.0  | 0.3  | 0.0  |
| 3.0  | 4.3  | 4.3  | 5.2  | 3.8  | 3.9  | 4.1  |



|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.1  | 0.0  | 0.1  | 0.2  | 0.2  | 0.1  | 0.0  |
| 0.7  | 1.3  | 0.9  | 1.5  | 0.7  | 1.3  | 0.0  |
| 1.0  | 1.1  | 2.2  | 1.9  | 2.1  | 1.4  | 0.3  |
| 0.0  | 0.1  | 0.3  | 0.6  | 0.1  | 0.1  | 0.0  |
| 0.2  | 0.1  | 0.0  | 0.1  | 0.6  | 0.0  | 0.0  |
| 5.4  | 6.0  | 5.9  | 6.3  | 7.8  | 7.4  | 6.4  |
| 0.8  | 1.1  | 1.0  | 1.0  | 1.2  | 1.2  | 1.3  |
| 7.1  | 6.8  | 7.8  | 9.8  | 9.0  | 8.3  | 8.8  |
| 10.1 | 12.5 | 14.3 | 18.0 | 13.7 | 7.2  | 11.2 |
| 4.7  | 7.7  | 8.3  | 8.5  | 5.7  | 8.5  | 6.9  |
| 0.2  | 0.2  | 0.2  | 0.3  | 0.2  | 0.1  | 0.6  |
| 12.6 | 17.6 | 17.9 | 21.2 | 20.6 | 13.0 | 12.7 |
| 20.1 | 20.9 | 18.9 | 20.3 | 16.8 | 20.4 | 26.8 |
| 4.0  | 9.1  | 9.3  | 7.6  | 6.6  | 7.9  | 2.8  |
| 5.7  | 5.5  | 5.4  | 6.0  | 4.2  | 5.2  | 5.4  |
| 0.0  | 0.0  | 0.3  | 0.4  | 0.4  | 0.1  | 0.0  |
| 54.0 | 45.6 | 45.3 | 51.7 | 54.8 | 57.4 | 64.4 |
| 17.6 | 21.5 | 19.7 | 24.8 | 24.2 | 21.8 | 15.0 |
| 0.0  | 0.0  | 0.8  | 2.3  | 0.0  | 0.0  | 0.0  |
| 52.9 | 43.6 | 49.3 | 52.3 | 61.7 | 63.5 | 70.0 |
| 0.1  | 0.1  | 0.4  | 0.5  | 0.0  | 0.2  | 0.0  |
| 1.6  | 2.1  | 1.8  | 0.5  | 1.2  | 1.5  | 0.0  |
| 9.0  | 13.2 | 7.2  | 9.7  | 8.3  | 9.0  | 5.8  |
| 0.0  | 0.2  | 0.8  | 0.4  | 0.0  | 0.4  | 0.0  |
| 0.4  | 0.8  | 0.6  | 1.9  | 0.8  | 1.5  | 1.9  |
| 0.4  | 0.5  | 0.6  | 0.5  | 0.5  | 0.6  | 0.3  |
| 0.2  | 0.0  | 1.1  | 0.0  | 0.3  | 0.6  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.4  | 0.0  | 0.2  | 0.0  |
| 0.1  | 0.2  | 0.3  | 0.2  | 0.0  | 0.8  | 0.0  |
| 0.5  | 0.8  | 0.7  | 0.9  | 0.8  | 1.1  | 1.2  |
| 0.2  | 0.0  | 0.8  | 0.8  | 0.0  | 0.5  | 0.0  |
| 0.1  | 0.0  | 0.5  | 1.0  | 0.1  | 0.0  | 0.0  |
| 5.3  | 6.0  | 9.7  | 9.3  | 8.4  | 9.2  | 6.3  |
| 1.1  | 1.4  | 1.9  | 1.7  | 1.3  | 1.1  | 1.0  |
| 2.5  | 3.3  | 3.2  | 4.2  | 2.3  | 1.7  | 0.7  |
| 1.4  | 3.6  | 4.4  | 1.6  | 3.6  | 2.0  | 0.0  |
| 0.0  | 0.2  | 0.4  | 0.2  | 0.2  | 0.7  | 0.0  |
| 0.3  | 0.0  | 0.4  | 0.7  | 0.7  | 0.0  | 0.0  |
| 0.0  | 0.6  | 0.0  | 2.9  | 0.0  | 0.5  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.2  | 0.1  | 0.0  |
| 0.2  | 0.1  | 0.1  | 0.0  | 0.0  | 0.7  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.5  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.3  | 0.0  | 0.5  | 0.0  |
| 0.2  | 0.1  | 0.2  | 0.0  | 0.0  | 0.4  | 0.0  |
| 12.1 | 14.2 | 11.9 | 15.1 | 19.4 | 20.8 | 18.8 |
| 3.2  | 3.7  | 2.6  | 2.9  | 5.3  | 5.2  | 2.5  |
| 3.2  | 1.7  | 1.7  | 1.7  | 3.3  | 4.9  | 5.1  |

|         |         |         |         |         |         |         |
|---------|---------|---------|---------|---------|---------|---------|
| 0.1     | 0.1     | 0.6     | 0.7     | 0.0     | 0.0     | 0.0     |
| 9.2     | 14.9    | 10.5    | 11.4    | 15.3    | 16.1    | 3.2     |
| 3.6     | 4.9     | 5.5     | 5.4     | 4.7     | 4.2     | 2.7     |
| 0.8     | 1.0     | 1.4     | 1.6     | 1.5     | 1.2     | 1.6     |
| 5.4     | 9.4     | 8.4     | 8.5     | 9.4     | 8.7     | 4.8     |
| 0.0     | 0.0     | 0.2     | 0.0     | 0.0     | 0.1     | 0.0     |
| 1.0     | 1.3     | 1.8     | 1.7     | 1.4     | 1.5     | 1.2     |
| 2.9     | 5.0     | 4.8     | 4.5     | 4.7     | 4.7     | 3.7     |
| 0.6     | 0.5     | 0.9     | 1.1     | 0.7     | 0.9     | 0.2     |
| 18.3    | 21.7    | 20.4    | 24.5    | 22.2    | 22.3    | 20.0    |
| 0.0     | 0.0     | 0.1     | 0.2     | 0.1     | 0.4     | 0.0     |
| 0.5     | 0.9     | 1.0     | 1.0     | 1.3     | 0.6     | 1.2     |
| 11.8    | 14.4    | 11.8    | 12.6    | 17.7    | 12.2    | 11.9    |
| 1.9     | 2.1     | 2.0     | 2.1     | 1.9     | 2.4     | 1.3     |
| 1.5     | 1.9     | 2.2     | 2.6     | 1.8     | 2.2     | 1.6     |
| 27.2    | 34.6    | 28.3    | 17.7    | 32.9    | 43.6    | 0.9     |
| 0.0     | 0.1     | 0.2     | 0.7     | 0.2     | 0.4     | 0.0     |
| 0.3     | 0.5     | 1.8     | 0.9     | 0.5     | 0.8     | 0.0     |
| 2.8     | 3.3     | 4.0     | 4.6     | 4.1     | 3.4     | 2.1     |
| 0.9     | 0.7     | 0.9     | 0.8     | 1.1     | 1.1     | 0.0     |
| 2.1     | 2.8     | 3.0     | 3.8     | 3.4     | 3.4     | 7.7     |
| 2.2     | 2.3     | 3.5     | 3.5     | 2.9     | 3.0     | 0.3     |
| 3.5     | 4.3     | 4.9     | 6.3     | 4.9     | 5.8     | 5.5     |
| 24.1    | 32.7    | 25.0    | 29.4    | 31.0    | 32.7    | 33.1    |
| 5.6     | 4.9     | 3.5     | 3.8     | 7.0     | 3.1     | 1.2     |
| 40.6    | 31.7    | 39.7    | 48.0    | 56.5    | 42.6    | 53.5    |
| 0.3     | 0.2     | 0.3     | 0.4     | 0.5     | 0.1     | 0.0     |
| 68.0    | 46.1    | 37.9    | 51.6    | 28.7    | 54.2    | 112.7   |
| 0.0     | 0.1     | 0.4     | 0.3     | 0.0     | 0.4     | 0.0     |
| 4.7     | 4.3     | 5.7     | 4.9     | 3.5     | 5.5     | 5.9     |
| 2.1     | 3.7     | 5.6     | 3.4     | 5.1     | 4.5     | 1.5     |
| 78.1    | 105.4   | 87.9    | 107.6   | 103.4   | 111.7   | 137.2   |
| 0.0     | 0.0     | 1.1     | 0.2     | 0.0     | 1.0     | 0.0     |
| 0.0     | 0.2     | 1.3     | 0.4     | 0.0     | 1.0     | 0.0     |
| 0.0     | 0.0     | 0.1     | 0.0     | 0.0     | 0.1     | 0.0     |
| 2.1     | 2.0     | 1.5     | 2.1     | 2.3     | 2.6     | 2.1     |
| 0.0     | 0.0     | 0.0     | 0.6     | 0.0     | 0.5     | 0.0     |
| 43784.4 | 34195.2 | 28342.6 | 28187.1 | 35267.3 | 27078.2 | 38019.9 |
| 3.6     | 2.4     | 3.0     | 3.2     | 3.9     | 3.4     | 2.7     |
| 3.5     | 4.3     | 5.2     | 4.5     | 3.1     | 3.6     | 4.1     |
| 0.1     | 0.0     | 0.2     | 0.2     | 0.1     | 0.1     | 0.0     |
| 0.1     | 0.0     | 0.2     | 0.1     | 0.0     | 0.2     | 0.0     |
| 5.5     | 5.5     | 7.3     | 6.8     | 5.5     | 4.4     | 8.5     |
| 11.3    | 16.1    | 11.1    | 12.2    | 17.8    | 15.6    | 6.2     |
| 6.7     | 8.5     | 5.5     | 5.9     | 9.1     | 9.7     | 4.7     |
| 0.4     | 0.8     | 2.4     | 1.9     | 0.8     | 1.8     | 0.0     |
| 3.7     | 5.5     | 6.9     | 7.5     | 4.8     | 4.5     | 4.2     |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 2.8  | 3.8  | 4.2  | 4.3  | 4.8  | 3.7  | 1.8  |
| 0.0  | 0.0  | 0.2  | 0.3  | 0.1  | 0.2  | 0.0  |
| 0.5  | 0.0  | 1.0  | 0.4  | 0.2  | 0.1  | 0.0  |
| 10.8 | 12.1 | 11.3 | 14.4 | 13.6 | 13.3 | 11.7 |
| 11.6 | 12.9 | 22.4 | 23.3 | 20.0 | 17.0 | 10.4 |
| 0.2  | 0.2  | 0.2  | 0.3  | 0.0  | 0.4  | 0.0  |
| 1.0  | 1.7  | 4.0  | 4.2  | 1.1  | 3.5  | 1.3  |
| 4.8  | 11.3 | 11.0 | 12.4 | 13.9 | 12.0 | 8.9  |
| 3.0  | 2.5  | 2.7  | 2.4  | 2.2  | 5.2  | 2.5  |
| 24.3 | 35.7 | 26.4 | 23.0 | 35.1 | 29.0 | 0.7  |
| 0.2  | 0.5  | 0.4  | 0.7  | 0.5  | 0.7  | 0.9  |
| 0.6  | 0.4  | 1.0  | 1.0  | 0.1  | 0.6  | 0.0  |
| 1.2  | 0.7  | 1.3  | 1.3  | 0.7  | 0.5  | 2.9  |
| 0.3  | 0.4  | 0.7  | 0.4  | 0.4  | 0.6  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  | 0.3  |
| 1.3  | 1.9  | 2.6  | 2.3  | 0.9  | 1.7  | 2.6  |
| 3.6  | 5.8  | 8.4  | 9.4  | 8.6  | 6.6  | 5.9  |
| 1.7  | 1.8  | 0.9  | 1.0  | 1.8  | 1.9  | 0.6  |
| 40.9 | 60.8 | 49.1 | 60.3 | 46.6 | 54.3 | 65.8 |
| 0.1  | 0.0  | 0.2  | 0.1  | 0.1  | 0.1  | 0.0  |
| 9.9  | 13.3 | 13.1 | 17.0 | 10.6 | 13.1 | 12.5 |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 39.3 | 41.6 | 51.2 | 52.2 | 46.9 | 45.1 | 52.5 |
| 0.0  | 0.0  | 0.7  | 0.7  | 0.3  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.4  | 0.0  | 0.0  | 0.2  | 0.0  |
| 0.4  | 0.0  | 1.5  | 0.6  | 0.0  | 0.3  | 0.0  |
| 3.4  | 4.3  | 4.7  | 5.4  | 3.9  | 5.4  | 4.3  |
| 0.8  | 1.2  | 1.4  | 1.4  | 1.3  | 1.1  | 0.3  |
| 0.0  | 0.0  | 0.3  | 0.1  | 0.0  | 0.0  | 0.0  |
| 1.3  | 1.3  | 1.1  | 1.1  | 2.1  | 1.7  | 0.3  |
| 14.5 | 25.5 | 22.2 | 23.0 | 23.4 | 23.9 | 16.2 |
| 2.2  | 1.7  | 2.6  | 2.6  | 2.4  | 3.2  | 0.6  |
| 0.2  | 0.0  | 0.6  | 0.2  | 0.3  | 0.5  | 0.0  |
| 14.3 | 14.9 | 15.6 | 17.7 | 20.3 | 18.8 | 16.5 |
| 4.0  | 4.2  | 6.0  | 6.1  | 4.7  | 4.9  | 4.8  |
| 0.9  | 0.6  | 1.3  | 1.2  | 0.5  | 1.6  | 0.0  |
| 1.5  | 1.9  | 1.7  | 1.7  | 2.0  | 2.0  | 0.3  |
| 2.5  | 3.4  | 1.8  | 1.9  | 3.0  | 3.0  | 1.4  |
| 0.9  | 1.1  | 1.3  | 1.5  | 1.7  | 1.4  | 1.3  |
| 0.1  | 0.0  | 0.1  | 0.2  | 0.1  | 0.2  | 0.0  |
| 0.4  | 1.2  | 1.0  | 0.8  | 0.8  | 0.5  | 0.0  |
| 3.4  | 4.2  | 6.0  | 7.1  | 5.3  | 5.5  | 6.4  |
| 0.4  | 0.6  | 0.7  | 0.7  | 0.4  | 0.4  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.8  | 0.7  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.8  | 0.2  | 0.8  | 0.1  | 0.0  |
| 0.3  | 0.6  | 0.3  | 0.5  | 0.8  | 0.8  | 0.0  |
| 1.7  | 1.3  | 1.8  | 1.6  | 1.5  | 1.2  | 1.5  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.9  | 1.6  | 1.5  | 2.0  | 1.6  | 1.5  | 0.5  |
| 9.7  | 13.3 | 7.1  | 8.5  | 10.1 | 16.5 | 14.5 |
| 0.1  | 0.3  | 0.2  | 0.3  | 0.2  | 0.9  | 0.0  |
| 4.1  | 3.9  | 4.1  | 3.4  | 6.0  | 4.7  | 1.6  |
| 22.9 | 27.3 | 25.1 | 26.2 | 24.1 | 25.2 | 32.1 |
| 0.3  | 0.3  | 0.7  | 0.6  | 0.3  | 0.5  | 0.8  |
| 30.3 | 43.0 | 34.3 | 37.7 | 42.4 | 45.2 | 83.6 |
| 3.7  | 4.7  | 3.7  | 5.0  | 4.7  | 5.0  | 5.1  |
| 0.4  | 1.2  | 1.0  | 0.9  | 1.0  | 1.8  | 1.7  |
| 1.7  | 2.2  | 1.7  | 1.5  | 2.3  | 2.2  | 1.0  |
| 1.3  | 1.4  | 1.0  | 1.2  | 2.4  | 1.3  | 0.2  |
| 6.6  | 8.5  | 7.0  | 7.1  | 9.2  | 8.0  | 4.1  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 5.2  | 5.5  | 8.4  | 8.7  | 8.0  | 5.8  | 4.3  |
| 12.8 | 10.3 | 10.9 | 11.1 | 17.1 | 12.0 | 6.8  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.2  | 0.0  |
| 7.4  | 8.7  | 8.4  | 8.1  | 7.3  | 8.5  | 6.8  |
| 7.8  | 8.1  | 7.5  | 6.4  | 10.3 | 6.6  | 2.0  |
| 2.3  | 4.3  | 3.2  | 4.5  | 3.4  | 3.5  | 2.1  |
| 31.9 | 35.9 | 33.9 | 39.6 | 33.9 | 37.7 | 48.1 |
| 8.0  | 8.1  | 9.7  | 10.1 | 8.9  | 9.9  | 7.6  |
| 3.8  | 6.7  | 5.7  | 5.5  | 5.0  | 6.9  | 5.9  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.6  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.2  | 0.0  | 0.1  | 0.0  |
| 1.7  | 1.6  | 1.6  | 1.8  | 2.0  | 1.7  | 0.5  |
| 19.0 | 22.3 | 28.0 | 29.6 | 24.7 | 22.2 | 27.6 |
| 0.2  | 0.0  | 0.5  | 1.2  | 0.2  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  |
| 9.1  | 2.7  | 6.4  | 5.2  | 2.9  | 3.9  | 1.3  |
| 10.4 | 12.6 | 12.5 | 13.4 | 14.4 | 13.7 | 12.0 |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.2  | 0.1  | 0.0  |
| 2.5  | 1.8  | 0.9  | 1.1  | 2.4  | 2.7  | 5.7  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.6  | 0.3  | 0.3  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.4  | 0.0  | 0.2  | 0.0  |
| 0.1  | 0.2  | 0.2  | 0.1  | 0.2  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.2  | 0.4  | 0.4  | 0.4  | 0.5  | 0.0  |
| 1.4  | 1.4  | 1.4  | 1.5  | 2.3  | 1.2  | 1.5  |
| 2.7  | 5.6  | 9.9  | 9.3  | 5.6  | 8.4  | 4.3  |
| 16.2 | 21.1 | 21.5 | 24.6 | 20.7 | 19.0 | 17.6 |
| 7.3  | 5.8  | 10.3 | 10.2 | 10.4 | 7.4  | 10.1 |
| 5.2  | 4.8  | 3.4  | 4.0  | 7.1  | 6.4  | 3.8  |
| 58.6 | 83.4 | 72.9 | 72.8 | 79.3 | 84.6 | 45.7 |
| 1.3  | 2.3  | 1.0  | 1.7  | 1.3  | 2.4  | 1.0  |
| 5.3  | 6.3  | 7.0  | 6.1  | 6.4  | 4.7  | 7.2  |

|       |       |       |        |       |       |       |
|-------|-------|-------|--------|-------|-------|-------|
| 0.0   | 0.1   | 0.3   | 0.0    | 0.1   | 0.0   | 0.2   |
| 1.5   | 1.5   | 1.8   | 2.0    | 1.5   | 0.6   | 3.4   |
| 72.9  | 84.9  | 85.3  | 92.7   | 83.9  | 75.1  | 142.7 |
| 1.4   | 2.8   | 7.4   | 6.0    | 2.4   | 5.5   | 1.3   |
| 0.5   | 0.4   | 0.3   | 0.5    | 0.6   | 0.9   | 0.3   |
| 0.0   | 0.1   | 0.4   | 0.3    | 0.1   | 0.0   | 0.0   |
| 0.6   | 1.0   | 1.5   | 1.4    | 1.5   | 2.3   | 0.1   |
| 4.1   | 4.3   | 4.1   | 4.8    | 3.9   | 4.8   | 3.4   |
| 0.0   | 0.0   | 0.0   | 0.7    | 0.0   | 0.0   | 0.0   |
| 0.8   | 1.6   | 1.7   | 2.1    | 0.7   | 1.2   | 0.4   |
| 2.4   | 3.6   | 2.3   | 2.7    | 3.0   | 3.8   | 1.4   |
| 2.7   | 3.9   | 3.6   | 4.8    | 3.9   | 5.0   | 3.5   |
| 32.2  | 30.6  | 27.7  | 33.0   | 43.5  | 41.0  | 24.6  |
| 0.0   | 0.0   | 0.1   | 0.2    | 0.0   | 0.2   | 0.0   |
| 57.1  | 68.5  | 74.4  | 79.7   | 69.3  | 74.5  | 69.6  |
| 0.8   | 0.7   | 1.0   | 1.1    | 0.8   | 0.9   | 1.1   |
| 9.4   | 8.6   | 12.5  | 14.7   | 10.9  | 10.3  | 16.3  |
| 0.0   | 0.0   | 0.0   | 0.0    | 0.0   | 0.0   | 0.0   |
| 222.7 | 252.6 | 219.1 | 235.2  | 264.2 | 225.1 | 218.3 |
| 6.6   | 7.9   | 4.0   | 4.6    | 9.7   | 4.6   | 1.1   |
| 0.3   | 0.5   | 0.7   | 0.9    | 0.7   | 0.5   | 0.5   |
| 0.8   | 0.5   | 0.7   | 0.7    | 0.5   | 1.2   | 0.0   |
| 1.0   | 2.5   | 3.4   | 4.1    | 2.1   | 3.9   | 0.5   |
| 1.9   | 2.7   | 1.9   | 1.8    | 3.0   | 2.8   | 0.5   |
| 0.9   | 1.2   | 2.7   | 1.8    | 1.8   | 1.4   | 0.0   |
| 13.8  | 15.0  | 21.3  | 22.3   | 19.8  | 13.0  | 7.8   |
| 13.9  | 18.0  | 18.7  | 18.4   | 14.4  | 17.8  | 17.9  |
| 2.8   | 2.1   | 2.6   | 2.7    | 2.3   | 3.9   | 3.7   |
| 0.2   | 0.2   | 0.8   | 0.7    | 0.0   | 0.0   | 0.0   |
| 0.4   | 0.6   | 0.7   | 0.7    | 0.3   | 0.5   | 0.0   |
| 31.9  | 33.3  | 43.4  | 50.4   | 37.4  | 35.8  | 40.0  |
| 3.7   | 3.2   | 4.5   | 5.0    | 4.8   | 3.2   | 2.7   |
| 23.1  | 28.8  | 33.9  | 34.5   | 30.6  | 35.8  | 31.5  |
| 1.1   | 1.7   | 1.5   | 2.6    | 1.7   | 1.3   | 1.2   |
| 5.4   | 10.3  | 17.7  | 14.0   | 7.5   | 14.8  | 5.8   |
| 7.6   | 9.3   | 6.5   | 6.5    | 9.5   | 8.7   | 3.8   |
| 717.3 | 924.8 | 922.5 | 1072.7 | 954.1 | 783.4 | 943.7 |
| 0.1   | 0.1   | 0.6   | 0.4    | 0.2   | 1.0   | 0.0   |
| 4.1   | 5.7   | 8.3   | 7.0    | 6.5   | 5.7   | 5.4   |
| 0.1   | 0.2   | 0.0   | 0.1    | 0.4   | 0.3   | 0.0   |
| 0.1   | 0.1   | 0.6   | 0.1    | 0.1   | 0.1   | 0.0   |
| 25.6  | 33.9  | 27.1  | 31.8   | 32.4  | 32.3  | 44.3  |
| 1.2   | 1.7   | 1.3   | 1.5    | 2.5   | 2.1   | 1.1   |
| 0.0   | 0.2   | 0.4   | 0.8    | 0.0   | 0.1   | 0.0   |
| 0.3   | 0.4   | 0.5   | 1.0    | 0.6   | 0.9   | 0.0   |
| 0.4   | 0.4   | 0.5   | 1.1    | 1.1   | 1.3   | 0.9   |
| 0.9   | 1.2   | 3.0   | 3.1    | 1.2   | 1.8   | 0.2   |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 331.7 | 399.3 | 289.0 | 314.3 | 363.2 | 351.2 | 500.2 |
| 0.3   | 0.5   | 1.2   | 0.8   | 0.5   | 1.1   | 0.1   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.1   | 0.0   |
| 7.3   | 13.0  | 12.2  | 11.8  | 12.0  | 12.2  | 4.0   |
| 241.3 | 243.0 | 239.8 | 257.8 | 241.2 | 217.5 | 229.7 |
| 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 22.6  | 25.7  | 33.1  | 33.2  | 35.2  | 16.8  | 15.8  |
| 0.0   | 0.1   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.2   | 0.1   | 0.0   | 0.0   |
| 1.3   | 2.0   | 2.1   | 2.4   | 2.0   | 2.8   | 4.0   |
| 1.5   | 1.2   | 1.8   | 1.6   | 1.6   | 1.6   | 1.3   |
| 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.3   | 0.3   | 0.8   | 0.4   | 0.7   | 0.8   | 0.0   |
| 0.0   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.1   | 0.6   | 0.0   |
| 1.6   | 1.5   | 1.8   | 1.9   | 1.0   | 2.2   | 1.0   |
| 0.0   | 0.0   | 0.2   | 0.4   | 0.0   | 0.3   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   |
| 495.7 | 531.2 | 567.7 | 662.5 | 580.4 | 506.4 | 896.5 |
| 1.8   | 1.7   | 1.0   | 1.2   | 2.5   | 1.6   | 0.2   |
| 41.3  | 39.4  | 46.6  | 50.7  | 52.2  | 49.8  | 67.9  |
| 2.4   | 4.9   | 4.5   | 4.2   | 4.9   | 3.2   | 1.5   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 14.5  | 21.2  | 14.3  | 16.9  | 14.6  | 18.2  | 15.2  |
| 5.6   | 7.0   | 5.3   | 5.9   | 9.6   | 8.2   | 1.3   |
| 0.5   | 0.7   | 0.1   | 1.0   | 0.5   | 0.0   | 0.0   |
| 0.0   | 0.2   | 0.5   | 0.6   | 0.1   | 0.3   | 0.1   |
| 3.0   | 4.8   | 4.9   | 5.2   | 4.1   | 4.0   | 4.3   |
| 2.2   | 1.8   | 3.7   | 4.0   | 1.8   | 3.5   | 5.1   |
| 0.1   | 0.1   | 0.3   | 0.3   | 0.1   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 28.9  | 30.4  | 28.3  | 28.4  | 36.0  | 25.0  | 19.4  |
| 17.3  | 23.0  | 21.8  | 25.1  | 32.0  | 22.4  | 17.6  |
| 481.0 | 185.9 | 438.1 | 136.6 | 231.5 | 308.4 | 125.3 |
| 0.0   | 0.0   | 0.6   | 0.0   | 0.2   | 0.0   | 0.0   |
| 15.2  | 24.8  | 21.1  | 25.1  | 17.0  | 17.5  | 19.6  |
| 4.5   | 5.2   | 5.1   | 5.1   | 7.6   | 6.8   | 6.1   |
| 1.5   | 1.9   | 1.3   | 1.5   | 1.3   | 2.3   | 0.7   |
| 0.1   | 0.0   | 0.5   | 0.3   | 0.1   | 0.2   | 0.0   |
| 0.1   | 0.2   | 0.3   | 0.5   | 0.2   | 0.3   | 0.1   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 2.0   | 2.7   | 1.9   | 1.6   | 3.3   | 2.1   | 1.1   |
| 0.0   | 0.1   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| 1.9   | 2.6   | 0.8   | 1.4   | 3.8   | 2.5   | 0.7   |

|        |       |       |       |       |       |       |
|--------|-------|-------|-------|-------|-------|-------|
| 0.0    | 0.2   | 0.3   | 0.1   | 0.1   | 0.5   | 0.0   |
| 2.4    | 2.6   | 3.9   | 3.4   | 3.9   | 2.8   | 2.5   |
| 0.7    | 0.8   | 1.2   | 0.9   | 0.5   | 0.9   | 1.2   |
| 40.8   | 49.1  | 40.8  | 36.1  | 56.7  | 55.3  | 29.6  |
| 1.1    | 1.0   | 1.5   | 1.7   | 2.1   | 1.1   | 0.6   |
| 722.4  | 262.4 | 503.9 | 252.8 | 229.5 | 190.5 | 49.7  |
| 1027.8 | 382.4 | 822.6 | 355.2 | 354.0 | 628.8 | 701.5 |
| 692.5  | 255.1 | 336.2 | 202.1 | 192.5 | 187.8 | 400.4 |
| 0.3    | 0.1   | 0.3   | 0.7   | 0.5   | 0.6   | 0.0   |
| 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.2   | 0.0   |
| 0.0    | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 26.9   | 24.6  | 22.8  | 25.0  | 28.7  | 27.8  | 35.1  |
| 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.1    | 0.1   | 0.3   | 1.3   | 0.0   | 0.4   | 0.0   |
| 50.5   | 47.5  | 48.1  | 55.1  | 49.2  | 46.7  | 86.9  |
| 4.0    | 3.4   | 2.2   | 2.5   | 2.5   | 4.3   | 4.2   |
| 4.3    | 7.9   | 5.9   | 7.3   | 5.0   | 9.1   | 2.3   |
| 1.6    | 2.7   | 2.1   | 1.9   | 2.6   | 3.4   | 0.5   |
| 35.2   | 50.6  | 50.3  | 54.9  | 39.8  | 47.9  | 49.7  |
| 2.7    | 3.2   | 7.0   | 5.1   | 3.9   | 3.8   | 1.1   |
| 10.4   | 12.4  | 11.5  | 13.0  | 12.9  | 11.9  | 21.5  |
| 0.0    | 0.2   | 0.9   | 0.6   | 0.0   | 1.1   | 0.0   |
| 14.9   | 32.0  | 34.7  | 32.9  | 20.9  | 29.6  | 25.0  |
| 0.2    | 0.1   | 0.9   | 0.1   | 0.0   | 0.1   | 0.0   |
| 3.3    | 3.9   | 4.0   | 5.1   | 5.0   | 3.8   | 2.6   |
| 8.2    | 8.9   | 9.0   | 10.2  | 8.9   | 10.0  | 8.3   |
| 0.2    | 0.1   | 0.3   | 0.3   | 0.1   | 0.5   | 0.0   |
| 6.2    | 7.8   | 9.4   | 9.7   | 7.1   | 8.3   | 14.7  |
| 54.7   | 55.5  | 70.6  | 79.3  | 50.2  | 60.5  | 65.1  |
| 0.4    | 0.3   | 0.4   | 0.9   | 0.6   | 0.6   | 0.6   |
| 0.2    | 0.4   | 0.5   | 0.4   | 0.3   | 0.5   | 1.1   |
| 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.1    | 0.5   | 0.2   | 0.1   | 0.3   | 0.0   | 0.0   |
| 0.6    | 0.1   | 1.7   | 0.4   | 0.6   | 0.4   | 0.0   |
| 0.7    | 1.1   | 0.8   | 1.3   | 0.7   | 1.1   | 0.0   |
| 3.6    | 3.7   | 3.7   | 2.7   | 6.3   | 4.4   | 1.5   |
| 1.0    | 1.0   | 1.1   | 1.3   | 1.6   | 1.8   | 2.0   |
| 13.8   | 19.2  | 19.1  | 21.7  | 18.2  | 20.7  | 20.2  |
| 11.0   | 15.2  | 16.4  | 19.7  | 14.0  | 13.8  | 20.1  |
| 0.1    | 0.1   | 0.3   | 0.1   | 0.1   | 0.0   | 0.0   |
| 0.0    | 0.0   | 0.1   | 0.3   | 0.1   | 0.0   | 0.0   |
| 7.2    | 16.8  | 11.2  | 11.2  | 10.6  | 16.5  | 9.1   |
| 12.1   | 16.4  | 16.8  | 17.8  | 15.4  | 14.7  | 17.0  |
| 0.1    | 0.1   | 0.2   | 0.2   | 0.2   | 0.1   | 0.0   |
| 11.4   | 13.8  | 14.4  | 12.4  | 13.4  | 18.2  | 9.1   |
| 6.7    | 8.7   | 4.8   | 5.1   | 10.0  | 8.8   | 7.5   |
| 0.0    | 0.0   | 0.0   | 0.1   | 0.4   | 0.0   | 0.0   |

|        |       |        |        |        |        |        |
|--------|-------|--------|--------|--------|--------|--------|
| 0.0    | 0.1   | 0.4    | 0.3    | 0.0    | 0.3    | 0.0    |
| 0.1    | 0.1   | 0.4    | 0.4    | 0.4    | 0.1    | 0.0    |
| 0.2    | 0.5   | 1.4    | 1.0    | 0.3    | 0.5    | 0.1    |
| 2.6    | 2.2   | 2.4    | 2.3    | 3.2    | 3.4    | 2.5    |
| 0.1    | 0.2   | 0.2    | 0.2    | 0.2    | 0.2    | 0.0    |
| 1106.9 | 875.5 | 1075.0 | 1109.8 | 1138.1 | 1037.4 | 1799.3 |
| 258.6  | 252.0 | 265.1  | 291.0  | 264.8  | 238.2  | 262.2  |
| 478.3  | 508.0 | 429.2  | 406.3  | 579.3  | 503.9  | 213.2  |
| 4.5    | 5.7   | 5.3    | 4.4    | 6.9    | 4.2    | 5.4    |
| 0.0    | 0.0   | 0.2    | 0.1    | 0.0    | 0.3    | 0.0    |
| 0.5    | 1.0   | 1.2    | 0.7    | 1.1    | 1.1    | 0.6    |
| 0.6    | 0.8   | 0.5    | 0.2    | 1.0    | 1.0    | 0.5    |
| 0.1    | 0.0   | 0.1    | 0.2    | 0.0    | 0.1    | 0.0    |
| 0.9    | 1.6   | 3.3    | 3.0    | 1.5    | 2.6    | 0.9    |
| 3.3    | 5.6   | 6.1    | 4.4    | 5.8    | 6.5    | 1.5    |
| 1.4    | 1.8   | 2.4    | 1.6    | 2.6    | 2.4    | 0.2    |
| 0.1    | 0.1   | 0.2    | 0.3    | 0.1    | 0.1    | 0.1    |
| 38.4   | 27.7  | 36.2   | 40.4   | 34.0   | 28.2   | 40.6   |
| 0.0    | 0.0   | 0.2    | 0.2    | 0.0    | 0.1    | 0.2    |
| 0.0    | 0.0   | 0.0    | 0.1    | 0.0    | 0.0    | 0.0    |
| 5.1    | 5.6   | 4.0    | 5.1    | 6.3    | 5.8    | 4.2    |
| 3.5    | 4.6   | 3.4    | 3.2    | 5.6    | 7.0    | 2.6    |
| 6.3    | 8.0   | 13.3   | 13.3   | 8.8    | 9.2    | 8.8    |
| 6.4    | 9.9   | 11.0   | 11.1   | 10.8   | 8.7    | 6.0    |
| 18.7   | 22.6  | 27.5   | 29.7   | 24.0   | 23.1   | 26.6   |
| 2.4    | 1.9   | 0.8    | 0.8    | 2.6    | 2.9    | 2.2    |
| 12.1   | 10.5  | 13.5   | 13.7   | 14.1   | 11.1   | 7.5    |
| 9.8    | 11.8  | 10.1   | 13.2   | 12.5   | 11.9   | 12.8   |
| 0.6    | 0.6   | 0.8    | 1.4    | 1.1    | 1.0    | 2.2    |
| 4.7    | 5.5   | 1.5    | 4.3    | 7.5    | 6.5    | 8.3    |
| 31.2   | 35.3  | 26.7   | 29.6   | 30.6   | 33.6   | 33.1   |
| 1.4    | 2.7   | 2.5    | 2.4    | 2.0    | 3.2    | 1.0    |
| 7.7    | 9.9   | 8.9    | 7.8    | 7.1    | 9.2    | 8.1    |
| 1.5    | 1.7   | 1.6    | 1.5    | 1.8    | 1.2    | 0.2    |
| 0.1    | 0.1   | 0.3    | 0.2    | 0.2    | 0.3    | 0.3    |
| 2.9    | 5.7   | 5.3    | 5.9    | 4.9    | 5.1    | 6.3    |
| 0.1    | 0.1   | 0.7    | 0.4    | 0.4    | 0.1    | 0.0    |
| 10.6   | 11.0  | 10.7   | 10.1   | 14.6   | 16.2   | 8.8    |
| 11.3   | 10.2  | 5.3    | 6.1    | 14.3   | 12.9   | 3.4    |
| 0.4    | 0.5   | 0.5    | 0.9    | 0.3    | 0.3    | 0.0    |
| 0.2    | 0.3   | 0.5    | 0.5    | 0.1    | 0.3    | 0.0    |
| 0.0    | 0.0   | 0.2    | 0.0    | 0.0    | 0.0    | 0.0    |
| 0.0    | 0.0   | 0.1    | 0.4    | 0.2    | 0.8    | 0.0    |
| 0.0    | 0.0   | 0.3    | 0.1    | 0.0    | 0.2    | 0.0    |
| 1.5    | 2.0   | 1.9    | 2.0    | 1.4    | 1.8    | 1.6    |
| 0.5    | 0.2   | 0.1    | 0.3    | 0.3    | 0.4    | 0.1    |
| 5.1    | 4.0   | 4.5    | 3.9    | 8.3    | 4.5    | 5.0    |



|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 1.7   | 2.5   | 2.0   | 2.7   | 2.6   | 2.9   | 0.7   |
| 2.3   | 3.4   | 1.5   | 1.3   | 3.3   | 4.3   | 0.9   |
| 0.2   | 0.6   | 0.3   | 1.2   | 0.1   | 0.8   | 2.0   |
| 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.3   | 0.0   |
| 2.8   | 3.0   | 2.9   | 3.4   | 3.2   | 2.8   | 3.7   |
| 0.0   | 0.0   | 0.6   | 0.2   | 0.1   | 0.2   | 0.0   |
| 2.6   | 4.1   | 3.4   | 4.4   | 4.2   | 5.2   | 0.4   |
| 15.2  | 20.2  | 18.9  | 19.3  | 22.3  | 18.2  | 14.9  |
| 5.5   | 5.1   | 5.7   | 8.3   | 7.8   | 4.8   | 8.7   |
| 5.4   | 7.9   | 4.4   | 4.3   | 6.8   | 7.9   | 2.9   |
| 0.1   | 0.0   | 0.2   | 0.2   | 0.1   | 0.3   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.2   | 0.1   | 0.0   | 0.0   |
| 0.1   | 0.3   | 0.1   | 0.2   | 0.0   | 1.0   | 0.0   |
| 8.0   | 15.4  | 8.8   | 9.6   | 11.8  | 13.8  | 4.9   |
| 0.0   | 0.1   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |
| 2.3   | 2.1   | 2.3   | 2.5   | 2.4   | 2.4   | 3.4   |
| 584.2 | 615.7 | 659.5 | 621.1 | 768.0 | 688.9 | 532.1 |
| 716.7 | 682.5 | 740.3 | 796.0 | 678.8 | 627.2 | 888.8 |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 392.9 | 429.4 | 400.1 | 389.6 | 480.3 | 372.0 | 486.0 |
| 489.9 | 609.7 | 590.6 | 621.6 | 512.2 | 528.9 | 588.6 |
| 7.5   | 8.6   | 9.3   | 6.2   | 10.5  | 7.4   | 4.9   |
| 3.1   | 2.9   | 3.5   | 3.0   | 3.3   | 3.4   | 2.4   |
| 1.3   | 4.1   | 12.5  | 8.3   | 3.7   | 6.4   | 2.3   |
| 0.2   | 0.5   | 0.5   | 0.5   | 0.3   | 0.0   | 0.3   |
| 11.5  | 12.3  | 9.7   | 10.0  | 18.2  | 14.3  | 6.9   |
| 3.5   | 2.6   | 3.6   | 4.1   | 3.7   | 3.5   | 4.5   |
| 35.5  | 47.7  | 42.7  | 50.2  | 41.1  | 43.4  | 54.6  |
| 1.1   | 1.3   | 2.3   | 2.7   | 2.3   | 1.8   | 4.6   |
| 2.4   | 1.1   | 3.7   | 1.1   | 4.7   | 1.2   | 6.8   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.0   | 0.1   | 0.3   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.3   | 0.9   | 0.9   | 0.4   | 0.4   | 0.3   |
| 9.0   | 7.6   | 14.2  | 14.6  | 11.0  | 12.9  | 11.8  |
| 0.1   | 0.0   | 0.1   | 0.2   | 0.0   | 0.0   | 0.0   |
| 0.6   | 1.0   | 0.5   | 0.8   | 1.5   | 2.0   | 0.9   |
| 0.0   | 0.0   | 0.1   | 0.2   | 0.0   | 0.1   | 0.0   |
| 0.0   | 0.1   | 0.3   | 0.4   | 0.0   | 0.5   | 0.0   |
| 1.4   | 1.3   | 3.3   | 0.2   | 1.3   | 1.6   | 0.0   |
| 0.1   | 0.1   | 0.3   | 0.3   | 0.1   | 0.3   | 0.2   |
| 509.5 | 410.3 | 463.6 | 545.8 | 453.7 | 437.5 | 845.2 |
| 0.0   | 1.5   | 0.0   | 1.7   | 0.0   | 0.0   | 0.0   |
| 85.2  | 23.3  | 43.6  | 25.6  | 39.3  | 19.9  | 33.8  |
| 0.0   | 0.0   | 0.6   | 1.1   | 0.0   | 0.2   | 0.0   |
| 19.6  | 23.7  | 26.2  | 31.5  | 24.5  | 26.9  | 53.2  |
| 0.7   | 0.8   | 0.3   | 0.2   | 0.8   | 1.2   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.5   | 0.0   | 0.6   | 0.0   |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 12.0  | 5.6   | 11.3  | 3.3   | 11.2  | 12.4  | 0.0   |
| 0.0   | 0.0   | 0.1   | 0.0   | 0.1   | 0.1   | 0.0   |
| 783.1 | 644.4 | 705.1 | 812.0 | 768.5 | 695.3 | 918.3 |
| 877.0 | 793.1 | 968.2 | 955.0 | 983.8 | 998.5 | 868.8 |
| 8.9   | 10.5  | 13.2  | 15.4  | 11.1  | 12.5  | 7.5   |
| 0.0   | 1.7   | 1.7   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.0   | 1.8   | 2.3   | 1.6   | 1.7   | 0.6   | 2.3   |
| 175.4 | 154.8 | 163.3 | 185.6 | 208.9 | 186.8 | 461.7 |
| 47.1  | 55.8  | 58.2  | 66.4  | 57.7  | 66.4  | 53.0  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.2   | 0.2   | 0.4   | 0.1   | 0.1   | 0.0   |
| 24.7  | 34.2  | 29.4  | 31.3  | 40.1  | 39.7  | 24.7  |
| 329.5 | 225.1 | 284.3 | 282.1 | 312.5 | 262.3 | 528.6 |
| 0.1   | 0.1   | 0.0   | 0.1   | 0.1   | 0.2   | 0.0   |
| 0.1   | 0.1   | 0.2   | 0.1   | 0.1   | 0.2   | 0.0   |
| 16.8  | 16.2  | 29.2  | 31.3  | 26.2  | 27.2  | 13.0  |
| 1.6   | 2.7   | 3.7   | 3.1   | 2.2   | 3.2   | 6.6   |
| 3.6   | 5.0   | 5.9   | 7.3   | 6.2   | 5.9   | 6.6   |
| 604.1 | 734.8 | 632.6 | 651.7 | 750.1 | 719.7 | 423.1 |
| 338.1 | 301.8 | 284.5 | 306.9 | 328.1 | 328.8 | 379.2 |
| 355.6 | 306.7 | 398.8 | 387.8 | 330.5 | 431.0 | 612.4 |
| 124.7 | 101.5 | 103.2 | 112.6 | 129.9 | 126.9 | 108.9 |
| 195.4 | 131.1 | 142.8 | 146.5 | 172.1 | 181.7 | 156.5 |
| 12.0  | 15.0  | 17.7  | 16.2  | 17.2  | 15.9  | 22.1  |
| 5.9   | 5.8   | 5.2   | 5.4   | 8.4   | 6.5   | 4.2   |
| 26.4  | 27.2  | 25.6  | 26.8  | 33.5  | 27.0  | 21.7  |
| 0.0   | 0.1   | 0.4   | 0.2   | 0.3   | 0.1   | 0.0   |
| 16.8  | 19.7  | 21.9  | 24.9  | 21.5  | 18.7  | 31.8  |
| 0.1   | 0.1   | 0.3   | 0.4   | 0.1   | 0.8   | 0.0   |
| 6.0   | 6.6   | 8.9   | 10.7  | 7.2   | 7.2   | 6.3   |
| 2.5   | 2.6   | 3.5   | 2.8   | 1.9   | 2.4   | 1.4   |
| 9.7   | 12.1  | 16.7  | 18.2  | 9.1   | 18.7  | 7.1   |
| 0.7   | 1.7   | 2.3   | 1.8   | 0.5   | 1.0   | 0.8   |
| 8.0   | 8.9   | 6.9   | 8.1   | 11.5  | 11.5  | 3.9   |
| 76.7  | 40.6  | 63.3  | 40.3  | 53.5  | 32.2  | 5.3   |
| 0.0   | 0.0   | 0.0   | 1.8   | 5.2   | 0.0   | 15.1  |
| 2.3   | 0.0   | 0.0   | 0.0   | 0.0   | 3.1   | 0.0   |
| 8.0   | 0.0   | 0.0   | 1.8   | 1.7   | 8.1   | 0.0   |
| 3.2   | 1.6   | 0.0   | 0.0   | 1.8   | 0.0   | 0.0   |
| 0.1   | 0.0   | 0.1   | 0.2   | 0.1   | 0.0   | 0.0   |
| 2.5   | 2.7   | 2.0   | 1.8   | 4.2   | 3.1   | 0.6   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.0   |
| 1.1   | 1.0   | 0.8   | 1.1   | 1.7   | 1.3   | 1.5   |
| 6.7   | 4.3   | 3.6   | 5.0   | 6.3   | 4.8   | 5.0   |
| 0.1   | 0.1   | 0.1   | 0.2   | 0.1   | 0.2   | 0.0   |
| 3.1   | 3.8   | 3.8   | 3.2   | 4.8   | 3.9   | 0.8   |
| 2.2   | 1.4   | 1.7   | 2.1   | 2.8   | 1.2   | 2.6   |

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| 0.0    | 0.0    | 1.1    | 0.6    | 0.0    | 0.3    | 0.0    |
| 243.7  | 165.8  | 202.0  | 257.5  | 254.5  | 269.1  | 392.9  |
| 0.6    | 1.5    | 2.7    | 2.5    | 1.4    | 1.7    | 1.0    |
| 3.7    | 3.0    | 4.5    | 4.6    | 5.4    | 5.6    | 2.7    |
| 6.6    | 8.0    | 7.6    | 8.5    | 8.8    | 8.8    | 6.5    |
| 0.1    | 0.0    | 0.0    | 0.2    | 0.0    | 0.2    | 0.0    |
| 0.0    | 0.0    | 0.2    | 0.0    | 0.0    | 0.0    | 0.0    |
| 40.0   | 33.5   | 40.9   | 33.9   | 35.9   | 38.0   | 65.8   |
| 0.1    | 0.2    | 1.4    | 0.6    | 0.0    | 0.0    | 0.0    |
| 0.1    | 0.0    | 0.2    | 0.3    | 0.1    | 0.1    | 0.0    |
| 552.2  | 742.0  | 600.5  | 590.7  | 735.6  | 676.4  | 338.2  |
| 0.7    | 1.3    | 0.9    | 1.1    | 0.9    | 0.7    | 0.2    |
| 6.6    | 0.0    | 12.9   | 3.4    | 14.6   | 2.5    | 3.5    |
| 16.6   | 14.8   | 23.8   | 5.2    | 15.2   | 13.1   | 0.0    |
| 2.3    | 3.5    | 2.7    | 2.9    | 3.8    | 2.9    | 1.5    |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 1036.4 | 1285.8 | 1327.5 | 1436.8 | 1299.0 | 1332.6 | 1832.6 |
| 3.2    | 3.2    | 2.6    | 2.3    | 3.5    | 4.7    | 8.1    |
| 0.0    | 0.2    | 0.4    | 0.4    | 0.1    | 0.6    | 0.0    |
| 816.2  | 942.6  | 934.6  | 1047.8 | 804.0  | 838.2  | 951.6  |
| 158.4  | 167.8  | 138.1  | 141.1  | 188.2  | 168.6  | 89.4   |
| 0.1    | 0.4    | 0.4    | 0.5    | 0.4    | 0.6    | 1.7    |
| 0.1    | 0.1    | 0.7    | 0.1    | 0.3    | 0.4    | 0.0    |
| 356.9  | 395.7  | 389.5  | 412.4  | 362.8  | 411.3  | 443.0  |
| 25.4   | 17.8   | 7.4    | 17.5   | 10.1   | 23.6   | 29.4   |
| 0.5    | 0.5    | 0.6    | 0.9    | 0.6    | 0.6    | 0.3    |
| 0.3    | 0.4    | 1.0    | 0.4    | 0.3    | 0.2    | 0.2    |
| 0.7    | 1.3    | 1.3    | 1.1    | 1.1    | 0.3    | 2.2    |
| 0.2    | 0.7    | 2.4    | 1.8    | 0.6    | 1.2    | 0.4    |
| 0.0    | 0.1    | 0.1    | 0.0    | 0.0    | 0.0    | 0.0    |
| 70.4   | 93.1   | 115.1  | 107.1  | 82.3   | 115.9  | 91.4   |
| 96.8   | 109.4  | 105.8  | 120.2  | 108.8  | 96.6   | 151.5  |
| 4.2    | 4.8    | 7.3    | 7.2    | 5.4    | 7.3    | 3.4    |
| 0.1    | 0.0    | 0.5    | 0.3    | 0.4    | 0.0    | 0.0    |
| 5.9    | 6.4    | 5.0    | 4.5    | 9.1    | 7.5    | 3.9    |
| 0.0    | 0.0    | 0.1    | 0.3    | 0.0    | 0.0    | 0.0    |
| 0.0    | 0.0    | 0.0    | 0.5    | 0.4    | 0.0    | 0.0    |
| 2.8    | 3.1    | 3.1    | 4.3    | 3.2    | 3.6    | 5.1    |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 12.3   | 13.3   | 13.6   | 14.4   | 16.8   | 15.1   | 8.3    |
| 0.0    | 0.0    | 0.4    | 0.3    | 0.2    | 0.6    | 0.0    |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 0.8    | 2.1    | 2.2    | 3.2    | 2.3    | 4.4    | 0.1    |
| 43.2   | 43.9   | 45.5   | 50.4   | 52.9   | 49.3   | 55.8   |
| 0.1    | 0.0    | 0.9    | 0.8    | 0.3    | 0.0    | 0.0    |
| 0.5    | 1.0    | 0.2    | 1.1    | 1.2    | 0.6    | 0.0    |
| 0.0    | 0.1    | 0.2    | 0.0    | 0.2    | 0.0    | 0.0    |

|      |      |      |      |      |      |       |
|------|------|------|------|------|------|-------|
| 0.5  | 0.5  | 1.6  | 1.5  | 1.8  | 1.3  | 0.0   |
| 0.8  | 1.2  | 2.4  | 1.4  | 0.7  | 2.2  | 0.9   |
| 0.3  | 0.2  | 0.5  | 0.4  | 0.3  | 1.0  | 0.7   |
| 1.8  | 1.6  | 2.0  | 1.6  | 2.7  | 3.3  | 1.7   |
| 3.4  | 6.1  | 5.0  | 6.6  | 5.2  | 4.4  | 2.9   |
| 2.3  | 4.0  | 3.8  | 4.3  | 4.3  | 3.7  | 2.0   |
| 23.7 | 24.1 | 30.4 | 25.2 | 26.9 | 31.2 | 30.8  |
| 0.2  | 0.0  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0   |
| 0.2  | 0.2  | 1.1  | 0.7  | 0.3  | 0.3  | 0.0   |
| 1.0  | 1.3  | 1.3  | 1.3  | 1.2  | 1.8  | 1.2   |
| 0.1  | 0.2  | 0.7  | 0.6  | 0.1  | 0.3  | 0.0   |
| 0.4  | 0.4  | 0.3  | 0.4  | 0.3  | 0.5  | 0.2   |
| 22.9 | 27.3 | 16.5 | 18.5 | 22.1 | 26.0 | 37.3  |
| 54.7 | 62.4 | 45.4 | 47.0 | 60.9 | 92.2 | 53.2  |
| 0.1  | 0.2  | 0.4  | 0.3  | 0.3  | 0.4  | 0.0   |
| 8.1  | 13.0 | 6.3  | 11.0 | 13.6 | 11.5 | 11.3  |
| 0.2  | 0.2  | 0.6  | 0.5  | 0.2  | 0.4  | 0.0   |
| 4.9  | 5.4  | 4.9  | 5.2  | 6.7  | 5.3  | 3.0   |
| 0.4  | 0.5  | 0.7  | 0.8  | 0.6  | 1.1  | 2.3   |
| 14.6 | 13.3 | 13.2 | 15.8 | 15.8 | 11.4 | 10.1  |
| 1.0  | 0.6  | 0.8  | 1.1  | 0.7  | 0.7  | 1.7   |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.0  | 0.0  | 0.0   |
| 5.6  | 5.3  | 5.2  | 6.1  | 6.4  | 7.0  | 6.4   |
| 3.2  | 5.0  | 5.9  | 6.2  | 5.3  | 5.7  | 2.5   |
| 4.9  | 5.3  | 4.7  | 5.1  | 6.5  | 6.1  | 6.2   |
| 4.2  | 5.0  | 5.4  | 4.9  | 4.6  | 4.3  | 6.4   |
| 1.0  | 1.1  | 0.9  | 1.6  | 1.4  | 1.4  | 0.6   |
| 6.6  | 7.6  | 9.7  | 11.0 | 10.5 | 10.0 | 9.1   |
| 7.4  | 8.9  | 7.3  | 8.2  | 10.5 | 6.6  | 1.6   |
| 10.0 | 12.0 | 12.0 | 12.2 | 15.4 | 14.0 | 5.5   |
| 6.9  | 8.1  | 9.9  | 9.2  | 10.1 | 8.6  | 9.6   |
| 0.0  | 0.4  | 0.1  | 1.0  | 0.8  | 0.2  | 0.0   |
| 0.2  | 0.5  | 0.9  | 0.6  | 0.7  | 0.4  | 0.0   |
| 0.0  | 0.0  | 0.9  | 0.5  | 0.3  | 1.0  | 0.5   |
| 1.2  | 1.5  | 4.9  | 4.4  | 2.3  | 3.6  | 0.0   |
| 0.7  | 1.1  | 0.9  | 0.9  | 0.7  | 1.6  | 2.2   |
| 0.0  | 0.3  | 0.4  | 0.3  | 0.0  | 0.0  | 0.0   |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0   |
| 0.1  | 0.1  | 0.1  | 0.3  | 0.1  | 0.3  | 0.0   |
| 0.0  | 0.0  | 0.5  | 0.1  | 0.0  | 0.1  | 0.0   |
| 0.0  | 0.1  | 0.2  | 0.0  | 0.0  | 0.1  | 0.0   |
| 0.0  | 0.0  | 0.5  | 0.3  | 0.0  | 0.4  | 0.0   |
| 0.5  | 0.2  | 0.9  | 0.7  | 0.7  | 0.2  | 0.4   |
| 0.1  | 0.0  | 0.3  | 0.0  | 0.1  | 0.1  | 0.0   |
| 10.1 | 8.1  | 9.2  | 10.9 | 12.7 | 8.0  | 12.7  |
| 61.4 | 49.8 | 49.0 | 54.3 | 58.2 | 62.4 | 121.8 |
| 45.0 | 40.9 | 42.9 | 54.5 | 56.3 | 43.9 | 40.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 1.5  | 1.6  | 1.0  | 0.9  | 2.0  | 1.9  | 3.2  |
| 0.4  | 1.3  | 2.0  | 1.8  | 1.2  | 1.5  | 0.0  |
| 2.0  | 2.6  | 1.9  | 3.1  | 4.4  | 2.8  | 5.1  |
| 0.1  | 0.0  | 1.4  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 2.0  | 2.5  | 2.6  | 3.1  | 3.5  | 2.1  | 1.4  |
| 4.2  | 5.8  | 5.9  | 7.2  | 5.7  | 5.5  | 7.0  |
| 0.0  | 0.1  | 0.4  | 0.2  | 0.2  | 0.1  | 0.0  |
| 2.5  | 3.8  | 4.6  | 4.5  | 4.1  | 4.4  | 2.4  |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.1  | 0.1  | 0.0  |
| 1.9  | 2.6  | 4.4  | 3.8  | 3.8  | 3.8  | 5.6  |
| 0.9  | 1.0  | 0.7  | 0.8  | 1.3  | 1.4  | 1.1  |
| 7.5  | 6.9  | 8.2  | 9.0  | 9.3  | 8.3  | 4.1  |
| 0.1  | 0.3  | 0.4  | 0.4  | 0.0  | 0.3  | 0.0  |
| 1.4  | 1.7  | 2.4  | 2.4  | 2.2  | 1.3  | 2.5  |
| 0.9  | 0.6  | 0.9  | 0.4  | 0.5  | 0.5  | 0.3  |
| 12.3 | 15.7 | 10.7 | 10.3 | 19.5 | 18.0 | 8.2  |
| 6.6  | 8.7  | 6.5  | 8.1  | 8.6  | 12.3 | 7.4  |
| 35.1 | 34.3 | 34.0 | 40.2 | 39.5 | 35.9 | 30.6 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 19.6 | 34.0 | 31.0 | 31.8 | 36.0 | 36.1 | 25.1 |
| 7.0  | 10.4 | 6.0  | 6.7  | 9.6  | 10.9 | 2.6  |
| 0.9  | 1.1  | 1.3  | 1.2  | 1.6  | 0.9  | 0.4  |
| 0.0  | 0.0  | 0.3  | 0.1  | 0.0  | 0.1  | 0.1  |
| 11.2 | 18.8 | 15.7 | 14.5 | 17.6 | 17.7 | 6.4  |
| 16.6 | 18.8 | 10.7 | 12.8 | 18.5 | 20.2 | 22.0 |
| 10.8 | 10.7 | 7.6  | 8.0  | 8.6  | 9.7  | 9.6  |
| 0.1  | 0.4  | 0.7  | 0.6  | 0.2  | 0.8  | 0.0  |
| 7.4  | 7.6  | 8.7  | 11.2 | 7.3  | 8.0  | 3.5  |
| 0.8  | 0.9  | 1.1  | 1.0  | 1.0  | 0.7  | 1.1  |
| 59.2 | 53.6 | 52.4 | 53.5 | 70.3 | 56.2 | 30.7 |
| 1.5  | 2.2  | 3.6  | 3.9  | 2.9  | 2.5  | 1.3  |
| 2.3  | 2.2  | 1.3  | 0.9  | 2.4  | 3.4  | 0.6  |
| 2.1  | 4.0  | 5.0  | 5.4  | 3.2  | 4.7  | 4.6  |
| 2.4  | 3.2  | 3.7  | 3.6  | 3.9  | 4.0  | 2.0  |
| 12.3 | 15.4 | 16.0 | 16.9 | 14.8 | 13.1 | 11.8 |
| 1.4  | 1.5  | 1.7  | 2.0  | 1.9  | 2.7  | 1.2  |
| 0.3  | 0.7  | 1.7  | 1.1  | 0.8  | 0.9  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.4  | 0.3  | 0.2  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.1  | 0.0  |
| 5.5  | 5.9  | 4.0  | 4.4  | 6.7  | 6.0  | 1.7  |
| 6.8  | 9.3  | 10.9 | 11.8 | 10.0 | 11.6 | 10.4 |
| 6.0  | 10.7 | 4.6  | 14.4 | 7.0  | 8.1  | 0.0  |
| 15.2 | 8.2  | 3.3  | 7.8  | 9.4  | 26.2 | 0.0  |
| 13.7 | 5.9  | 3.0  | 1.7  | 3.4  | 5.3  | 0.0  |
| 6.2  | 12.6 | 18.9 | 7.4  | 5.4  | 0.0  | 0.0  |
| 11.6 | 9.6  | 8.0  | 1.9  | 5.4  | 14.1 | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 7.5  | 10.0 | 2.9  | 11.8 | 6.5  | 2.5  | 0.0  |
| 32.8 | 37.0 | 12.9 | 23.5 | 21.1 | 25.2 | 10.6 |
| 0.5  | 1.1  | 2.0  | 1.5  | 0.9  | 1.5  | 0.1  |
| 1.8  | 3.0  | 2.5  | 4.0  | 2.4  | 2.5  | 2.4  |
| 0.4  | 1.1  | 1.5  | 1.3  | 1.1  | 1.7  | 0.0  |
| 15.7 | 14.8 | 18.3 | 24.8 | 22.4 | 19.1 | 22.3 |
| 0.0  | 0.3  | 1.0  | 0.4  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  | 0.0  |
| 4.0  | 6.1  | 6.0  | 5.2  | 4.8  | 5.7  | 8.0  |
| 3.5  | 4.3  | 3.7  | 4.2  | 5.2  | 6.2  | 6.9  |
| 2.4  | 2.6  | 3.4  | 3.8  | 3.3  | 3.0  | 3.2  |
| 20.7 | 27.6 | 22.8 | 26.8 | 22.4 | 27.9 | 25.6 |
| 0.1  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 9.6  | 12.8 | 10.2 | 9.5  | 11.7 | 14.7 | 12.9 |
| 7.1  | 8.3  | 6.0  | 5.7  | 8.1  | 9.4  | 6.9  |
| 23.5 | 32.2 | 32.3 | 32.1 | 29.6 | 37.7 | 38.4 |
| 4.9  | 4.7  | 4.8  | 6.5  | 5.7  | 5.5  | 7.4  |
| 0.2  | 0.1  | 0.7  | 0.1  | 0.3  | 0.4  | 0.0  |
| 0.1  | 0.1  | 0.3  | 0.4  | 0.1  | 0.2  | 0.2  |
| 7.1  | 12.7 | 9.5  | 10.1 | 15.7 | 14.2 | 4.6  |
| 0.3  | 0.1  | 0.2  | 0.2  | 0.1  | 0.5  | 0.8  |
| 0.1  | 0.1  | 0.8  | 0.6  | 0.0  | 1.2  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.0  | 0.2  | 0.0  |
| 0.0  | 0.3  | 0.4  | 0.9  | 0.0  | 0.2  | 0.0  |
| 0.6  | 0.4  | 1.2  | 1.2  | 0.7  | 0.5  | 1.0  |
| 0.6  | 0.8  | 1.0  | 1.3  | 0.9  | 1.2  | 0.3  |
| 0.2  | 0.4  | 0.5  | 0.7  | 0.1  | 0.3  | 0.7  |
| 0.5  | 0.8  | 1.1  | 1.2  | 0.6  | 1.5  | 0.0  |
| 1.1  | 1.8  | 2.0  | 2.6  | 2.3  | 2.0  | 2.0  |
| 0.6  | 0.6  | 1.2  | 1.0  | 1.8  | 1.3  | 0.1  |
| 0.4  | 0.6  | 0.2  | 0.2  | 0.3  | 0.8  | 0.0  |
| 5.0  | 4.9  | 4.9  | 4.8  | 6.5  | 5.1  | 1.8  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 5.2  | 6.2  | 5.3  | 4.7  | 8.4  | 7.1  | 4.5  |
| 0.0  | 0.1  | 0.2  | 0.3  | 0.0  | 0.7  | 0.0  |
| 16.8 | 19.6 | 23.4 | 24.3 | 19.7 | 18.9 | 24.9 |
| 17.6 | 23.6 | 16.9 | 15.8 | 20.7 | 23.7 | 10.1 |
| 6.8  | 7.4  | 2.0  | 2.9  | 2.0  | 7.7  | 8.6  |
| 4.5  | 4.7  | 5.1  | 4.5  | 6.3  | 5.2  | 5.2  |
| 22.4 | 16.6 | 17.8 | 18.6 | 17.7 | 15.1 | 42.1 |
| 1.5  | 1.7  | 1.5  | 1.6  | 2.1  | 1.8  | 0.3  |
| 0.2  | 0.4  | 1.3  | 1.0  | 0.7  | 0.6  | 0.2  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 8.2  | 8.8  | 6.4  | 8.5  | 7.7  | 11.9 | 14.5 |
| 4.7  | 5.4  | 2.8  | 3.5  | 5.0  | 5.0  | 0.9  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 2.3   | 1.6   | 2.1   | 2.0   | 2.3   | 2.7   | 2.5   |
| 0.9   | 1.2   | 1.7   | 1.6   | 1.4   | 1.2   | 0.4   |
| 17.8  | 17.0  | 15.2  | 20.1  | 21.7  | 16.5  | 17.6  |
| 4.0   | 6.1   | 5.7   | 7.6   | 6.4   | 6.3   | 6.7   |
| 2.8   | 3.4   | 3.5   | 3.7   | 3.9   | 3.4   | 1.8   |
| 0.5   | 0.9   | 0.7   | 0.7   | 0.9   | 1.2   | 0.4   |
| 19.4  | 24.9  | 20.6  | 24.5  | 25.2  | 24.7  | 19.8  |
| 24.2  | 22.9  | 22.4  | 23.7  | 28.6  | 30.6  | 21.7  |
| 0.2   | 0.1   | 0.4   | 0.3   | 0.3   | 0.1   | 0.3   |
| 0.4   | 0.6   | 0.4   | 0.4   | 0.7   | 0.6   | 0.3   |
| 0.2   | 0.2   | 0.6   | 0.8   | 0.4   | 0.5   | 0.1   |
| 0.1   | 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.4   |
| 7.7   | 8.5   | 8.6   | 11.6  | 11.3  | 11.5  | 17.9  |
| 16.1  | 14.9  | 11.4  | 14.2  | 12.2  | 18.9  | 23.9  |
| 0.1   | 0.2   | 0.2   | 0.4   | 0.3   | 0.0   | 0.0   |
| 9.1   | 12.9  | 10.3  | 10.5  | 14.9  | 15.9  | 7.3   |
| 15.8  | 19.7  | 15.5  | 14.6  | 16.4  | 19.4  | 24.3  |
| 18.1  | 26.1  | 26.7  | 26.8  | 23.4  | 24.1  | 31.2  |
| 17.9  | 30.8  | 25.2  | 27.7  | 29.8  | 24.5  | 38.3  |
| 0.1   | 0.2   | 0.4   | 0.1   | 0.2   | 0.1   | 0.0   |
| 4.9   | 5.1   | 3.9   | 4.1   | 4.7   | 7.0   | 5.9   |
| 1.0   | 1.3   | 2.0   | 1.2   | 1.5   | 1.4   | 1.4   |
| 2.2   | 4.6   | 6.7   | 5.6   | 4.1   | 5.3   | 1.3   |
| 5.3   | 7.3   | 5.7   | 6.6   | 9.3   | 8.0   | 3.3   |
| 0.1   | 0.2   | 0.9   | 0.2   | 0.4   | 0.3   | 0.0   |
| 310.9 | 380.6 | 371.0 | 421.7 | 335.0 | 340.2 | 413.0 |
| 20.7  | 26.5  | 35.0  | 34.7  | 26.2  | 29.5  | 34.6  |
| 1.7   | 1.6   | 1.4   | 2.4   | 2.0   | 2.2   | 3.3   |
| 0.6   | 1.1   | 0.8   | 0.8   | 1.1   | 1.3   | 0.3   |
| 0.8   | 1.1   | 1.5   | 1.3   | 1.1   | 1.4   | 0.6   |
| 2.4   | 3.1   | 4.6   | 4.8   | 3.1   | 3.8   | 2.6   |
| 0.0   | 0.0   | 0.0   | 0.2   | 0.2   | 0.0   | 0.0   |
| 24.3  | 28.7  | 26.7  | 24.3  | 31.1  | 32.5  | 14.4  |
| 0.1   | 0.1   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   |
| 5.3   | 5.5   | 6.3   | 7.6   | 6.9   | 8.5   | 10.9  |
| 5.9   | 5.7   | 7.2   | 8.1   | 5.9   | 9.1   | 7.0   |
| 9.3   | 11.5  | 7.1   | 8.8   | 12.1  | 9.1   | 6.1   |
| 0.0   | 0.7   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 7.0   | 8.2   | 9.8   | 7.3   | 10.1  | 7.7   | 4.5   |
| 3.1   | 5.2   | 3.8   | 4.1   | 4.6   | 5.2   | 2.0   |
| 0.1   | 0.3   | 0.3   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.4   | 0.8   | 0.5   | 0.4   | 0.5   | 0.6   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 93.5  | 121.0 | 112.3 | 115.4 | 104.5 | 112.8 | 125.2 |
| 0.1   | 0.1   | 0.5   | 0.7   | 0.5   | 0.8   | 0.0   |
| 1.3   | 1.9   | 1.4   | 2.3   | 0.6   | 2.9   | 0.0   |
| 0.0   | 0.4   | 0.2   | 0.5   | 0.5   | 1.2   | 0.0   |

|      |       |      |       |       |       |       |
|------|-------|------|-------|-------|-------|-------|
| 1.3  | 1.1   | 1.8  | 2.6   | 1.9   | 2.0   | 2.7   |
| 0.1  | 0.0   | 0.7  | 0.3   | 0.0   | 0.3   | 0.0   |
| 0.4  | 0.7   | 1.1  | 1.0   | 0.6   | 0.9   | 0.5   |
| 38.8 | 48.1  | 43.6 | 53.2  | 44.7  | 21.4  | 38.0  |
| 29.1 | 52.8  | 56.1 | 50.7  | 45.1  | 48.8  | 42.2  |
| 0.1  | 0.6   | 0.5  | 0.2   | 0.3   | 0.3   | 0.0   |
| 18.6 | 26.5  | 18.2 | 21.9  | 25.1  | 27.6  | 12.7  |
| 6.0  | 6.4   | 8.8  | 10.5  | 7.7   | 8.1   | 7.1   |
| 0.0  | 0.1   | 0.5  | 0.4   | 0.4   | 0.1   | 0.0   |
| 11.3 | 11.2  | 12.9 | 14.2  | 14.1  | 11.7  | 17.0  |
| 6.9  | 7.1   | 6.9  | 8.4   | 9.4   | 6.7   | 4.4   |
| 3.6  | 3.8   | 3.7  | 2.8   | 5.4   | 5.1   | 2.2   |
| 3.1  | 4.6   | 4.9  | 5.2   | 3.7   | 4.7   | 3.7   |
| 1.6  | 2.3   | 1.5  | 1.8   | 2.3   | 2.5   | 0.3   |
| 81.5 | 77.6  | 73.0 | 89.4  | 96.6  | 85.1  | 72.0  |
| 10.1 | 11.8  | 9.2  | 9.6   | 11.0  | 12.4  | 13.1  |
| 0.7  | 0.8   | 0.9  | 1.1   | 1.4   | 0.3   | 1.4   |
| 17.0 | 24.9  | 26.1 | 29.1  | 22.9  | 27.0  | 42.6  |
| 0.4  | 0.3   | 0.5  | 0.6   | 0.3   | 0.5   | 0.3   |
| 11.6 | 12.3  | 12.5 | 11.6  | 13.7  | 12.2  | 10.4  |
| 0.0  | 0.0   | 0.2  | 0.0   | 0.0   | 0.0   | 0.0   |
| 8.3  | 8.9   | 7.8  | 7.3   | 13.9  | 12.3  | 4.2   |
| 5.6  | 6.8   | 5.0  | 5.1   | 6.8   | 4.7   | 2.7   |
| 17.8 | 20.4  | 21.0 | 22.2  | 17.4  | 19.3  | 17.8  |
| 0.2  | 0.0   | 0.0  | 0.0   | 0.2   | 0.1   | 0.0   |
| 0.0  | 0.2   | 0.0  | 0.7   | 0.0   | 0.0   | 0.0   |
| 97.2 | 120.8 | 83.4 | 85.0  | 53.9  | 106.0 | 133.0 |
| 0.0  | 0.0   | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0  | 0.0   | 0.8  | 0.0   | 0.0   | 0.0   | 0.0   |
| 3.4  | 4.1   | 2.8  | 3.3   | 7.3   | 5.2   | 2.2   |
| 0.6  | 1.6   | 2.3  | 2.8   | 2.2   | 2.1   | 3.5   |
| 0.4  | 1.1   | 0.3  | 0.9   | 1.0   | 2.8   | 0.0   |
| 1.9  | 3.0   | 3.3  | 4.7   | 3.5   | 7.3   | 6.5   |
| 75.2 | 70.6  | 78.6 | 73.4  | 93.4  | 74.8  | 50.6  |
| 1.6  | 1.3   | 2.7  | 2.5   | 2.8   | 2.0   | 1.2   |
| 6.5  | 4.6   | 5.4  | 6.2   | 9.0   | 7.9   | 12.5  |
| 19.6 | 28.2  | 20.0 | 22.9  | 27.5  | 20.3  | 18.2  |
| 23.8 | 25.1  | 23.0 | 27.9  | 27.3  | 30.2  | 26.3  |
| 0.2  | 0.1   | 0.8  | 0.0   | 0.5   | 0.2   | 0.0   |
| 4.6  | 3.8   | 5.1  | 5.8   | 3.7   | 5.2   | 2.0   |
| 0.6  | 1.3   | 2.8  | 2.4   | 1.0   | 2.6   | 0.2   |
| 1.0  | 1.2   | 1.8  | 1.7   | 1.9   | 2.3   | 0.8   |
| 20.7 | 25.3  | 23.6 | 21.4  | 31.3  | 28.1  | 7.9   |
| 25.7 | 35.2  | 30.0 | 28.8  | 41.4  | 40.2  | 24.6  |
| 59.8 | 60.2  | 55.4 | 53.6  | 73.2  | 71.8  | 80.1  |
| 20.8 | 22.8  | 17.8 | 19.6  | 28.7  | 22.1  | 7.0   |
| 79.0 | 95.9  | 93.3 | 107.8 | 101.1 | 102.0 | 102.4 |



|        |       |       |       |       |       |       |
|--------|-------|-------|-------|-------|-------|-------|
| 0.0    | 0.1   | 0.2   | 0.1   | 0.1   | 0.2   | 0.0   |
| 62.0   | 56.6  | 65.1  | 68.1  | 60.4  | 62.3  | 101.7 |
| 20.7   | 34.2  | 37.8  | 31.1  | 28.8  | 41.5  | 26.3  |
| 141.2  | 123.1 | 136.9 | 146.1 | 151.0 | 44.4  | 47.7  |
| 0.1    | 0.1   | 0.5   | 0.3   | 0.1   | 0.9   | 0.0   |
| 5.8    | 7.7   | 5.4   | 5.6   | 7.2   | 8.0   | 3.4   |
| 0.0    | 0.1   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   |
| 0.0    | 0.0   | 0.1   | 0.0   | 0.0   | 0.6   | 0.0   |
| 1.5    | 1.7   | 1.5   | 1.4   | 2.6   | 2.1   | 1.2   |
| 4.3    | 1.6   | 0.0   | 0.0   | 7.5   | 5.8   | 0.0   |
| 239.5  | 77.2  | 67.3  | 40.0  | 82.1  | 163.7 | 8.4   |
| 8.5    | 13.0  | 0.0   | 9.5   | 14.7  | 11.5  | 12.0  |
| 2.9    | 0.0   | 0.0   | 0.0   | 1.7   | 0.0   | 0.0   |
| 769.6  | 257.9 | 600.0 | 266.1 | 333.0 | 524.9 | 145.1 |
| 0.0    | 0.1   | 0.4   | 0.0   | 0.0   | 0.1   | 0.0   |
| 0.1    | 0.1   | 0.4   | 0.3   | 0.3   | 0.2   | 0.0   |
| 2.5    | 6.5   | 4.4   | 3.8   | 3.3   | 7.3   | 1.1   |
| 7.4    | 8.6   | 4.1   | 7.1   | 7.3   | 7.6   | 2.0   |
| 65.1   | 65.2  | 65.1  | 74.2  | 71.2  | 64.0  | 87.7  |
| 93.8   | 69.7  | 84.3  | 75.8  | 104.3 | 87.4  | 117.3 |
| 3.6    | 3.3   | 3.6   | 2.9   | 4.3   | 3.3   | 1.9   |
| 0.0    | 0.0   | 0.2   | 0.1   | 0.0   | 0.1   | 0.0   |
| 18.1   | 20.4  | 22.7  | 22.9  | 24.6  | 24.6  | 19.6  |
| 614.2  | 199.7 | 431.5 | 224.8 | 166.6 | 262.0 | 87.4  |
| 430.2  | 137.6 | 246.9 | 157.7 | 96.3  | 186.5 | 174.9 |
| 6.9    | 3.2   | 0.0   | 1.9   | 0.0   | 2.9   | 12.0  |
| 125.8  | 49.4  | 39.0  | 39.1  | 43.3  | 70.2  | 48.1  |
| 18.1   | 4.6   | 12.3  | 1.8   | 5.2   | 8.1   | 0.0   |
| 3.5    | 4.0   | 0.0   | 1.6   | 1.5   | 0.0   | 39.6  |
| 1.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 436.3  | 182.6 | 317.0 | 138.2 | 123.5 | 193.4 | 406.3 |
| 17.9   | 5.1   | 23.8  | 10.0  | 7.7   | 24.0  | 0.0   |
| 254.2  | 120.9 | 155.8 | 59.8  | 88.8  | 183.7 | 23.2  |
| 28.8   | 10.5  | 4.1   | 3.8   | 22.1  | 5.7   | 8.0   |
| 33.2   | 34.1  | 20.9  | 8.7   | 30.4  | 26.3  | 7.3   |
| 1285.6 | 441.6 | 671.4 | 333.1 | 460.5 | 812.8 | 19.6  |
| 24.6   | 21.0  | 22.0  | 31.1  | 34.2  | 26.8  | 17.2  |
| 4.8    | 5.5   | 4.4   | 4.2   | 3.9   | 5.0   | 5.8   |
| 0.0    | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.1   |
| 232.0  | 246.0 | 262.8 | 275.8 | 294.2 | 272.0 | 442.7 |
| 56.5   | 76.8  | 73.4  | 70.2  | 74.4  | 72.3  | 61.3  |
| 3.2    | 4.8   | 4.7   | 6.1   | 3.3   | 5.8   | 5.0   |
| 7.8    | 16.3  | 10.4  | 14.0  | 10.1  | 21.0  | 0.0   |
| 34.2   | 53.5  | 30.4  | 43.6  | 28.8  | 55.2  | 62.3  |
| 0.0    | 0.0   | 0.4   | 0.5   | 0.0   | 0.2   | 0.0   |
| 23.7   | 29.6  | 39.3  | 45.7  | 33.9  | 43.4  | 30.1  |
| 0.0    | 0.1   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   |

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| 0.0    | 0.0    | 0.0    | 0.0    | 0.4    | 0.0    | 0.0    |
| 632.6  | 712.8  | 737.1  | 662.3  | 958.8  | 809.7  | 694.1  |
| 410.0  | 384.1  | 422.6  | 408.0  | 497.9  | 464.6  | 782.7  |
| 659.6  | 678.9  | 640.0  | 701.4  | 675.3  | 620.2  | 688.5  |
| 72.9   | 83.1   | 72.5   | 68.9   | 94.6   | 78.4   | 49.3   |
| 180.8  | 188.7  | 143.8  | 179.6  | 215.1  | 195.7  | 146.7  |
| 417.9  | 589.2  | 502.8  | 523.2  | 519.9  | 483.3  | 476.6  |
| 547.0  | 665.5  | 647.7  | 686.5  | 721.5  | 738.9  | 675.3  |
| 195.2  | 179.5  | 195.0  | 233.3  | 216.5  | 209.1  | 325.8  |
| 1169.2 | 1476.2 | 1373.4 | 1581.3 | 1424.2 | 1391.3 | 2093.9 |
| 0.0    | 0.0    | 0.1    | 0.0    | 0.0    | 0.1    | 0.0    |
| 0.1    | 0.0    | 0.0    | 0.0    | 0.1    | 0.1    | 0.0    |
| 0.4    | 0.4    | 0.2    | 0.2    | 0.3    | 0.1    | 0.0    |
| 1.0    | 0.4    | 0.7    | 0.9    | 0.8    | 0.9    | 0.0    |
| 0.5    | 0.7    | 0.4    | 0.5    | 0.7    | 0.8    | 0.0    |
| 0.1    | 0.2    | 0.4    | 0.2    | 0.3    | 0.2    | 0.2    |
| 9.4    | 7.8    | 13.5   | 15.4   | 14.4   | 12.1   | 11.9   |
| 0.0    | 0.0    | 0.0    | 0.1    | 0.0    | 0.1    | 0.4    |
| 0.0    | 0.1    | 0.2    | 0.5    | 0.1    | 0.1    | 0.0    |
| 518.7  | 438.5  | 513.1  | 507.7  | 642.5  | 605.2  | 728.3  |
| 1026.4 | 887.2  | 1044.5 | 1063.1 | 1067.5 | 1099.0 | 1337.4 |
| 310.5  | 281.1  | 306.1  | 317.7  | 343.7  | 325.3  | 480.9  |
| 278.2  | 186.1  | 223.8  | 279.5  | 267.4  | 266.9  | 483.1  |
| 42.4   | 46.2   | 34.5   | 39.6   | 57.6   | 47.9   | 34.1   |
| 2.9    | 3.9    | 2.3    | 2.0    | 3.9    | 5.2    | 0.6    |
| 9.2    | 9.1    | 7.5    | 8.9    | 9.2    | 8.5    | 11.2   |
| 14.1   | 12.8   | 9.9    | 14.5   | 12.5   | 13.3   | 22.4   |
| 15.2   | 14.5   | 13.7   | 14.7   | 15.9   | 16.3   | 15.6   |
| 0.2    | 0.2    | 0.7    | 0.8    | 0.2    | 1.1    | 0.0    |
| 0.1    | 0.1    | 0.3    | 0.4    | 0.2    | 0.2    | 0.2    |
| 5.3    | 4.9    | 5.4    | 4.9    | 6.8    | 6.4    | 4.4    |
| 0.4    | 0.5    | 0.9    | 0.7    | 0.4    | 1.2    | 0.0    |
| 2.6    | 2.9    | 3.1    | 3.4    | 1.8    | 3.7    | 1.8    |
| 81.6   | 59.2   | 71.4   | 82.5   | 85.8   | 74.5   | 139.8  |
| 0.1    | 0.0    | 0.3    | 0.1    | 0.0    | 0.0    | 0.0    |
| 42.0   | 50.3   | 50.3   | 45.8   | 58.2   | 74.0   | 27.6   |
| 2.6    | 3.5    | 2.2    | 3.0    | 3.1    | 2.6    | 1.8    |
| 2.2    | 3.0    | 3.7    | 3.0    | 4.3    | 5.2    | 2.0    |
| 0.0    | 0.0    | 0.0    | 0.1    | 0.0    | 0.0    | 0.0    |
| 4.6    | 5.1    | 4.1    | 4.9    | 2.7    | 7.3    | 3.2    |
| 2.4    | 1.7    | 2.9    | 2.4    | 1.2    | 1.5    | 2.5    |
| 0.1    | 0.3    | 0.2    | 0.4    | 0.6    | 0.2    | 0.0    |
| 9.2    | 10.9   | 10.7   | 10.0   | 10.4   | 12.9   | 6.2    |
| 0.4    | 0.7    | 0.7    | 0.5    | 0.5    | 0.8    | 1.0    |
| 1.3    | 1.6    | 2.0    | 1.6    | 1.1    | 1.8    | 1.4    |
| 17.1   | 26.2   | 24.4   | 36.4   | 26.5   | 24.4   | 19.1   |
| 0.1    | 0.1    | 0.3    | 0.3    | 0.2    | 0.2    | 0.1    |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 9.0   | 13.7  | 8.9   | 11.1  | 9.7   | 8.9   | 10.8  |
| 0.3   | 0.6   | 0.2   | 0.2   | 0.5   | 0.5   | 0.0   |
| 1.6   | 3.7   | 3.2   | 3.9   | 3.5   | 7.3   | 1.5   |
| 3.7   | 3.9   | 4.8   | 5.3   | 5.9   | 4.2   | 2.2   |
| 0.0   | 0.0   | 0.0   | 0.6   | 0.0   | 0.0   | 0.0   |
| 12.8  | 18.4  | 24.2  | 24.8  | 23.5  | 29.0  | 21.6  |
| 9.5   | 10.6  | 12.1  | 12.3  | 13.8  | 13.0  | 14.2  |
| 3.4   | 3.7   | 1.5   | 1.7   | 3.6   | 5.1   | 1.7   |
| 1.5   | 1.5   | 1.2   | 1.2   | 2.3   | 1.6   | 0.4   |
| 7.5   | 8.0   | 8.3   | 10.0  | 10.7  | 9.0   | 12.2  |
| 0.6   | 0.6   | 0.4   | 0.5   | 0.7   | 0.6   | 0.3   |
| 7.1   | 8.2   | 9.0   | 9.0   | 9.9   | 9.2   | 10.5  |
| 4.0   | 5.9   | 4.4   | 4.5   | 2.5   | 5.5   | 2.0   |
| 7.7   | 8.9   | 11.5  | 11.8  | 10.1  | 11.4  | 12.8  |
| 104.0 | 134.4 | 138.6 | 144.3 | 113.0 | 143.7 | 111.4 |
| 1.0   | 1.2   | 2.2   | 2.1   | 1.5   | 1.5   | 2.7   |
| 11.5  | 20.7  | 28.7  | 24.6  | 20.0  | 25.6  | 15.1  |
| 4.6   | 5.6   | 6.1   | 6.6   | 7.0   | 6.4   | 7.2   |
| 0.0   | 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   |
| 0.3   | 0.3   | 0.5   | 0.6   | 0.1   | 0.4   | 1.5   |
| 0.9   | 1.6   | 3.0   | 2.2   | 2.3   | 2.9   | 0.6   |
| 0.0   | 0.2   | 0.0   | 1.1   | 0.3   | 0.8   | 0.0   |
| 8.2   | 5.2   | 5.8   | 5.6   | 6.9   | 9.0   | 10.0  |
| 24.3  | 19.8  | 26.8  | 31.9  | 32.0  | 29.8  | 37.9  |
| 10.4  | 13.7  | 12.9  | 13.1  | 17.4  | 10.2  | 7.7   |
| 0.3   | 0.2   | 1.4   | 0.6   | 0.7   | 0.4   | 0.0   |
| 20.7  | 23.7  | 22.9  | 24.3  | 27.4  | 24.2  | 16.2  |
| 0.1   | 0.0   | 0.2   | 0.3   | 0.0   | 0.1   | 0.2   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.3   | 0.0   | 1.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 6.5   | 6.2   | 6.4   | 6.5   | 9.2   | 7.0   | 4.4   |
| 3.4   | 3.8   | 4.9   | 4.2   | 3.0   | 4.0   | 3.3   |
| 25.5  | 30.8  | 26.5  | 31.4  | 32.7  | 27.7  | 27.4  |
| 0.1   | 0.2   | 0.3   | 0.2   | 0.2   | 0.3   | 0.1   |
| 27.3  | 38.7  | 29.5  | 27.8  | 44.1  | 32.5  | 14.0  |
| 2.8   | 1.4   | 1.4   | 0.0   | 0.0   | 7.5   | 17.4  |
| 3.6   | 4.0   | 4.6   | 4.7   | 5.0   | 4.6   | 3.7   |
| 0.9   | 0.6   | 0.6   | 0.9   | 1.6   | 0.4   | 0.4   |
| 7.6   | 10.6  | 8.0   | 8.6   | 11.3  | 9.5   | 5.2   |
| 3.6   | 4.0   | 3.8   | 3.4   | 5.7   | 5.8   | 1.8   |
| 4.4   | 7.8   | 6.7   | 6.3   | 8.1   | 9.7   | 3.5   |
| 0.7   | 0.9   | 1.7   | 1.8   | 1.0   | 1.1   | 0.8   |
| 6.9   | 8.6   | 7.2   | 7.3   | 9.1   | 7.1   | 2.5   |
| 0.0   | 0.0   | 0.5   | 0.4   | 0.2   | 0.0   | 0.0   |
| 23.1  | 25.1  | 28.7  | 28.7  | 23.5  | 26.7  | 26.3  |

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| 1.9    | 1.4    | 2.1    | 2.2    | 2.1    | 2.0    | 1.5    |
| 0.0    | 0.0    | 0.3    | 0.2    | 0.0    | 0.4    | 0.0    |
| 14.7   | 17.9   | 12.4   | 11.1   | 19.9   | 19.3   | 13.2   |
| 8.1    | 7.4    | 7.3    | 8.3    | 11.3   | 9.7    | 9.1    |
| 41.4   | 41.0   | 34.8   | 38.7   | 36.0   | 38.7   | 45.4   |
| 0.1    | 0.3    | 0.6    | 0.3    | 0.0    | 0.3    | 0.0    |
| 2.0    | 1.8    | 3.0    | 3.3    | 3.2    | 2.6    | 1.1    |
| 10.2   | 13.5   | 13.8   | 14.0   | 12.7   | 12.5   | 15.0   |
| 0.0    | 0.0    | 0.2    | 0.1    | 0.0    | 0.0    | 0.0    |
| 0.4    | 0.4    | 0.9    | 1.2    | 0.9    | 0.8    | 0.5    |
| 0.5    | 0.5    | 0.7    | 0.8    | 0.6    | 0.7    | 0.0    |
| 0.0    | 0.1    | 0.2    | 0.8    | 0.4    | 0.0    | 0.0    |
| 8.1    | 9.8    | 6.1    | 8.0    | 12.3   | 12.4   | 3.9    |
| 118.7  | 163.3  | 148.8  | 170.2  | 125.3  | 148.6  | 166.2  |
| 49.1   | 72.2   | 62.4   | 76.9   | 67.7   | 56.9   | 113.3  |
| 11.9   | 15.7   | 17.6   | 17.9   | 16.3   | 15.0   | 17.5   |
| 0.8    | 0.7    | 0.6    | 1.2    | 0.7    | 1.0    | 1.1    |
| 6.4    | 1.6    | 0.0    | 7.6    | 0.0    | 0.0    | 0.0    |
| 1.0    | 1.3    | 1.6    | 2.2    | 1.4    | 2.6    | 0.9    |
| 1.3    | 1.3    | 1.2    | 1.4    | 1.5    | 2.5    | 2.1    |
| 29.2   | 57.5   | 54.4   | 59.4   | 51.7   | 56.6   | 39.5   |
| 55.3   | 71.3   | 55.9   | 60.6   | 56.9   | 64.4   | 67.9   |
| 37.9   | 64.4   | 62.6   | 67.1   | 61.8   | 62.8   | 73.7   |
| 80.4   | 42.4   | 87.6   | 111.6  | 127.3  | 76.9   | 116.6  |
| 0.4    | 0.2    | 0.5    | 0.7    | 0.6    | 0.4    | 1.8    |
| 1597.7 | 1817.3 | 1689.1 | 1731.3 | 1658.6 | 1596.6 | 1253.7 |
| 31.5   | 29.2   | 33.5   | 36.2   | 34.9   | 31.8   | 33.9   |
| 69.8   | 94.3   | 77.2   | 86.2   | 96.3   | 79.8   | 73.6   |
| 0.0    | 0.0    | 0.0    | 0.3    | 0.0    | 0.0    | 0.0    |
| 5.8    | 4.3    | 5.2    | 9.9    | 7.3    | 6.6    | 8.1    |
| 7.7    | 7.2    | 7.5    | 7.0    | 11.1   | 9.7    | 4.8    |
| 8.4    | 7.2    | 6.8    | 8.6    | 12.0   | 9.7    | 6.0    |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 21.8   | 26.4   | 22.6   | 21.4   | 27.6   | 25.0   | 19.5   |
| 0.0    | 0.2    | 0.8    | 0.4    | 0.0    | 0.0    | 0.0    |
| 0.0    | 0.1    | 0.4    | 0.0    | 0.0    | 0.0    | 0.0    |
| 150.4  | 151.1  | 172.7  | 159.9  | 196.5  | 153.2  | 191.7  |
| 2.5    | 5.6    | 6.5    | 7.8    | 4.3    | 7.2    | 2.3    |
| 0.6    | 1.0    | 0.9    | 0.8    | 0.7    | 1.1    | 1.3    |
| 8.9    | 8.8    | 8.1    | 8.6    | 13.9   | 8.4    | 7.0    |
| 101.9  | 106.7  | 97.3   | 99.5   | 125.5  | 108.8  | 130.9  |
| 109.1  | 180.0  | 151.6  | 142.2  | 159.9  | 159.5  | 103.5  |
| 720.4  | 690.7  | 692.9  | 795.2  | 741.7  | 728.0  | 1064.0 |
| 4.7    | 6.1    | 5.8    | 7.1    | 4.7    | 6.2    | 7.0    |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 654.1 | 739.2 | 780.1 | 806.4 | 695.1 | 678.2 | 932.6 |
| 557.4 | 726.8 | 724.7 | 837.4 | 644.0 | 720.1 | 824.7 |
| 76.0  | 78.8  | 81.2  | 92.5  | 107.6 | 81.7  | 112.4 |
| 104.0 | 96.3  | 114.7 | 115.4 | 102.8 | 94.4  | 150.5 |
| 76.1  | 55.5  | 55.5  | 82.4  | 76.7  | 69.4  | 106.2 |
| 87.3  | 108.2 | 69.7  | 78.5  | 120.3 | 101.7 | 24.6  |
| 13.3  | 15.1  | 11.8  | 13.0  | 20.0  | 18.1  | 7.8   |
| 4.9   | 5.2   | 4.5   | 4.0   | 5.9   | 6.0   | 1.6   |
| 120.2 | 144.1 | 148.0 | 131.5 | 186.3 | 109.5 | 49.8  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 2.9   | 5.6   | 9.1   | 8.8   | 5.1   | 8.4   | 1.2   |
| 50.4  | 56.1  | 56.6  | 67.4  | 55.5  | 56.1  | 71.7  |
| 31.9  | 38.3  | 37.0  | 28.2  | 43.2  | 38.0  | 18.5  |
| 0.1   | 0.0   | 1.1   | 0.9   | 0.0   | 0.0   | 0.0   |
| 23.2  | 32.8  | 32.6  | 41.0  | 30.4  | 35.7  | 80.9  |
| 0.2   | 0.1   | 0.5   | 0.5   | 0.0   | 0.5   | 0.0   |
| 0.8   | 1.2   | 1.1   | 0.9   | 2.3   | 1.7   | 0.5   |
| 7.3   | 6.8   | 9.1   | 4.6   | 7.1   | 7.4   | 1.5   |
| 0.0   | 0.2   | 0.1   | 0.4   | 0.2   | 0.1   | 0.0   |
| 2.4   | 4.2   | 4.6   | 4.2   | 4.1   | 5.9   | 1.6   |
| 19.3  | 22.4  | 20.7  | 23.1  | 20.7  | 21.4  | 26.8  |
| 1.1   | 2.3   | 5.6   | 4.1   | 2.3   | 2.6   | 1.0   |
| 0.1   | 0.1   | 0.2   | 0.5   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.3   | 0.4   | 0.2   | 0.0   | 0.1   | 0.7   |
| 25.0  | 22.8  | 26.5  | 25.0  | 30.6  | 30.0  | 14.8  |
| 18.6  | 23.7  | 20.0  | 18.7  | 26.0  | 22.8  | 16.8  |
| 0.1   | 0.3   | 0.5   | 0.7   | 0.2   | 0.5   | 0.5   |
| 0.0   | 0.2   | 1.0   | 0.5   | 0.3   | 0.2   | 0.0   |
| 8.9   | 6.4   | 10.7  | 12.7  | 8.5   | 7.9   | 6.8   |
| 0.1   | 0.1   | 0.6   | 0.4   | 0.1   | 0.5   | 0.0   |
| 4.1   | 3.2   | 4.5   | 2.9   | 5.0   | 4.8   | 2.0   |
| 5.1   | 5.7   | 6.3   | 5.7   | 6.5   | 6.5   | 6.0   |
| 11.0  | 14.0  | 13.3  | 17.7  | 15.2  | 13.4  | 24.1  |
| 2.1   | 4.2   | 8.1   | 6.2   | 4.0   | 6.7   | 0.8   |
| 18.8  | 28.3  | 18.8  | 21.2  | 21.0  | 22.4  | 24.0  |
| 5.6   | 6.6   | 5.0   | 5.4   | 6.9   | 7.0   | 7.7   |
| 5.6   | 7.1   | 8.6   | 10.1  | 6.9   | 7.3   | 9.0   |
| 16.3  | 18.1  | 19.2  | 17.3  | 21.4  | 20.9  | 14.1  |
| 25.2  | 35.6  | 37.5  | 43.1  | 36.3  | 32.6  | 28.1  |
| 0.0   | 0.1   | 0.2   | 0.2   | 0.1   | 0.5   | 0.0   |
| 0.5   | 0.2   | 0.2   | 0.7   | 1.5   | 0.4   | 0.0   |
| 2.5   | 2.3   | 2.9   | 3.8   | 3.8   | 2.0   | 0.8   |
| 1.5   | 1.6   | 2.1   | 2.3   | 2.4   | 1.9   | 2.2   |
| 8.0   | 12.3  | 9.3   | 9.4   | 9.0   | 9.3   | 5.5   |
| 7.3   | 7.7   | 3.5   | 4.0   | 5.9   | 8.4   | 4.5   |
| 0.0   | 0.1   | 0.1   | 0.1   | 0.0   | 0.2   | 0.0   |
| 0.1   | 0.1   | 0.2   | 0.2   | 0.4   | 0.2   | 0.0   |

|          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|
| 0.1      | 0.2      | 0.2      | 0.5      | 0.0      | 0.0      | 0.0      |
| 0.2      | 0.8      | 1.4      | 0.9      | 1.0      | 0.4      | 0.0      |
| 9.9      | 10.2     | 10.1     | 11.2     | 10.9     | 13.4     | 11.8     |
| 4.4      | 3.4      | 4.1      | 3.4      | 5.0      | 5.2      | 6.8      |
| 2.5      | 3.5      | 2.0      | 2.3      | 2.7      | 3.2      | 4.0      |
| 2.1      | 1.4      | 1.5      | 2.2      | 2.3      | 2.3      | 6.2      |
| 0.1      | 0.2      | 0.9      | 0.1      | 0.2      | 0.0      | 0.0      |
| 9.2      | 21.1     | 18.4     | 22.1     | 24.9     | 27.5     | 6.6      |
| 0.0      | 0.0      | 0.4      | 0.1      | 0.1      | 0.9      | 0.0      |
| 1.6      | 1.9      | 1.5      | 1.6      | 2.2      | 2.3      | 0.7      |
| 0.8      | 2.2      | 1.4      | 1.2      | 1.0      | 1.9      | 0.0      |
| 1.8      | 1.3      | 0.2      | 1.1      | 2.0      | 1.6      | 1.7      |
| 0.1      | 0.1      | 0.2      | 0.1      | 0.1      | 0.1      | 0.0      |
| 0.0      | 0.1      | 0.3      | 0.5      | 0.3      | 0.1      | 0.0      |
| 1.4      | 2.3      | 0.9      | 1.3      | 1.8      | 2.4      | 0.2      |
| 44.1     | 44.1     | 38.4     | 44.8     | 38.7     | 46.2     | 37.5     |
| 0.4      | 0.6      | 0.5      | 0.4      | 0.5      | 0.7      | 0.2      |
| 0.8      | 0.5      | 0.6      | 0.7      | 0.8      | 1.2      | 0.2      |
| 4.6      | 5.9      | 7.5      | 6.1      | 6.0      | 5.1      | 2.8      |
| 0.4      | 1.0      | 1.0      | 0.7      | 0.5      | 1.4      | 1.2      |
| 1.0      | 0.4      | 0.8      | 0.4      | 1.3      | 1.9      | 0.5      |
| 7.4      | 10.1     | 12.7     | 11.4     | 8.2      | 11.4     | 9.1      |
| 0.0      | 0.0      | 0.4      | 0.2      | 0.0      | 0.2      | 0.0      |
| 0.0      | 0.1      | 0.1      | 0.0      | 0.1      | 0.2      | 0.1      |
| 3.1      | 3.6      | 4.0      | 3.1      | 5.3      | 4.0      | 1.8      |
| 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| 6.2      | 5.5      | 6.0      | 6.4      | 6.0      | 7.8      | 9.0      |
| 12.3     | 17.1     | 9.1      | 9.2      | 13.7     | 17.8     | 10.6     |
| 3.6      | 3.2      | 3.0      | 4.0      | 6.0      | 3.4      | 2.7      |
| 0.0      | 0.0      | 0.1      | 0.1      | 0.0      | 0.0      | 0.0      |
| 198874.3 | 190320.8 | 190631.4 | 155967.8 | 192765.4 | 140724.0 | 141264.5 |
| 0.0      | 0.1      | 0.0      | 0.4      | 0.0      | 0.1      | 0.0      |
| 0.0      | 0.1      | 0.5      | 0.5      | 0.1      | 0.0      | 0.0      |
| 3.5      | 2.6      | 3.2      | 3.3      | 1.0      | 1.2      | 3.0      |
| 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| 105.9    | 25.7     | 38.8     | 33.4     | 66.0     | 70.7     | 6.4      |
| 2.9      | 3.0      | 0.0      | 0.0      | 3.4      | 10.5     | 0.0      |
| 0.0      | 2.9      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| 0.0      | 1.4      | 1.4      | 3.2      | 3.1      | 4.9      | 0.0      |
| 0.0      | 0.0      | 7.2      | 0.0      | 0.0      | 5.0      | 0.0      |
| 7.9      | 4.5      | 7.6      | 3.5      | 5.1      | 10.7     | 0.0      |
| 11.9     | 13.5     | 9.1      | 5.3      | 10.3     | 37.3     | 0.0      |
| 52.1     | 27.8     | 16.7     | 16.4     | 31.6     | 0.0      | 137.3    |
| 1.0      | 0.0      | 0.0      | 3.5      | 1.7      | 2.7      | 0.0      |
| 1.1      | 3.4      | 15.3     | 4.0      | 5.8      | 15.0     | 0.0      |
| 1.0      | 1.5      | 1.5      | 0.0      | 1.7      | 0.0      | 0.0      |
| 2.5      | 1.3      | 0.0      | 1.5      | 7.2      | 6.8      | 0.0      |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 1.1  | 1.1  | 0.2  | 0.7  | 1.1  | 2.3  | 0.0  |
| 1.2  | 1.1  | 1.9  | 1.2  | 1.0  | 1.7  | 4.0  |
| 0.1  | 0.1  | 0.3  | 0.1  | 0.1  | 0.5  | 0.4  |
| 0.6  | 1.1  | 2.4  | 2.6  | 1.7  | 2.6  | 0.1  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3.2  | 2.8  | 1.3  | 2.3  | 2.0  | 6.3  | 5.2  |
| 0.0  | 0.3  | 0.4  | 0.5  | 0.0  | 0.2  | 0.0  |
| 0.2  | 0.4  | 0.9  | 0.9  | 0.1  | 0.8  | 0.3  |
| 0.2  | 0.0  | 0.7  | 0.5  | 0.2  | 0.6  | 0.0  |
| 0.3  | 0.1  | 1.1  | 1.0  | 0.0  | 1.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2.5  | 3.2  | 5.1  | 3.1  | 1.5  | 2.1  | 3.3  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.2  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.6  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.2  | 0.1  | 0.6  | 0.0  |
| 0.7  | 1.5  | 1.2  | 2.2  | 1.7  | 1.8  | 0.8  |
| 0.1  | 0.0  | 0.3  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.2  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.8  | 1.4  | 1.6  | 2.0  | 1.3  | 1.6  | 0.5  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 8.1  | 17.2 | 28.1 | 29.9 | 19.8 | 33.8 | 3.8  |
| 0.5  | 0.4  | 0.7  | 0.7  | 0.8  | 0.7  | 0.0  |
| 0.7  | 1.1  | 0.9  | 1.5  | 1.3  | 1.8  | 2.3  |
| 0.2  | 0.6  | 1.1  | 1.3  | 0.9  | 2.3  | 2.5  |
| 2.6  | 4.6  | 4.7  | 4.1  | 1.8  | 3.1  | 5.8  |
| 0.0  | 0.0  | 0.2  | 0.0  | 0.1  | 0.0  | 0.0  |
| 17.2 | 19.3 | 15.9 | 18.4 | 23.9 | 20.6 | 12.4 |
| 11.1 | 16.4 | 13.7 | 12.9 | 13.5 | 12.4 | 9.8  |
| 0.0  | 0.1  | 0.3  | 0.2  | 0.1  | 0.2  | 0.0  |
| 4.0  | 5.8  | 3.8  | 4.0  | 7.1  | 3.4  | 0.1  |
| 0.1  | 0.1  | 0.6  | 0.5  | 0.2  | 0.4  | 0.0  |
| 16.2 | 19.5 | 21.3 | 22.4 | 25.4 | 20.4 | 45.7 |
| 8.2  | 14.4 | 8.7  | 6.9  | 14.9 | 9.0  | 1.5  |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 7.7  | 14.0 | 9.7  | 9.0  | 18.7 | 15.5 | 2.4  |
| 8.7  | 9.1  | 10.6 | 11.4 | 9.4  | 10.3 | 10.0 |
| 4.9  | 6.0  | 5.4  | 8.2  | 5.6  | 5.8  | 6.0  |
| 23.9 | 19.0 | 17.4 | 25.4 | 20.7 | 18.7 | 21.1 |
| 1.9  | 2.8  | 2.1  | 3.2  | 2.2  | 1.8  | 0.5  |
| 0.8  | 1.3  | 1.1  | 1.8  | 0.6  | 1.3  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.2  | 0.1  | 0.1  | 0.2  |
| 0.6  | 1.3  | 2.4  | 2.9  | 1.1  | 1.0  | 3.1  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 2.0  | 2.1  | 3.5  | 3.1  | 4.9  | 5.3  | 4.7  |

|        |       |        |       |       |        |       |
|--------|-------|--------|-------|-------|--------|-------|
| 0.0    | 0.0   | 0.0    | 0.3   | 0.0   | 0.3    | 0.0   |
| 5.1    | 4.7   | 5.3    | 6.4   | 5.2   | 7.9    | 3.7   |
| 1.2    | 1.3   | 1.2    | 1.1   | 1.5   | 1.7    | 0.1   |
| 24.0   | 19.4  | 19.7   | 30.2  | 23.8  | 26.7   | 37.7  |
| 0.0    | 0.1   | 0.4    | 0.3   | 0.1   | 0.5    | 0.0   |
| 54.3   | 50.0  | 52.2   | 51.4  | 61.0  | 57.5   | 55.8  |
| 66.9   | 43.9  | 50.1   | 53.3  | 64.6  | 60.0   | 84.5  |
| 0.0    | 0.2   | 0.5    | 0.1   | 0.1   | 0.4    | 0.0   |
| 25.1   | 24.8  | 27.1   | 24.6  | 25.5  | 18.1   | 38.4  |
| 12.6   | 11.8  | 4.2    | 6.2   | 7.3   | 11.9   | 12.4  |
| 468.1  | 548.8 | 445.3  | 496.5 | 423.3 | 526.6  | 632.8 |
| 5.3    | 10.2  | 10.5   | 9.9   | 7.1   | 7.5    | 6.5   |
| 0.1    | 0.3   | 1.0    | 1.0   | 0.6   | 0.9    | 0.3   |
| 2.5    | 8.4   | 3.7    | 3.5   | 3.6   | 6.9    | 7.9   |
| 1.9    | 2.9   | 2.4    | 2.6   | 2.9   | 3.0    | 1.9   |
| 6.6    | 10.2  | 10.7   | 11.4  | 8.0   | 9.6    | 5.9   |
| 3.2    | 3.9   | 4.4    | 3.6   | 3.3   | 4.3    | 3.5   |
| 4.1    | 4.9   | 4.7    | 6.3   | 4.7   | 6.0    | 6.0   |
| 0.0    | 0.0   | 0.1    | 0.2   | 0.1   | 0.0    | 0.0   |
| 7.3    | 8.7   | 12.0   | 10.7  | 13.5  | 12.0   | 12.5  |
| 0.0    | 0.0   | 0.0    | 3.1   | 0.0   | 0.0    | 0.0   |
| 1050.7 | 407.2 | 786.6  | 365.1 | 357.1 | 638.9  | 490.3 |
| 837.0  | 326.8 | 557.5  | 255.6 | 282.4 | 451.6  | 279.7 |
| 6.2    | 1.6   | 4.7    | 0.0   | 0.0   | 5.6    | 7.8   |
| 41.7   | 8.7   | 17.5   | 16.1  | 9.9   | 6.6    | 6.1   |
| 1228.0 | 749.5 | 739.6  | 723.0 | 453.2 | 839.1  | 322.5 |
| 0.5    | 0.8   | 0.8    | 2.0   | 0.0   | 0.0    | 0.0   |
| 2065.7 | 869.0 | 1674.9 | 862.2 | 884.1 | 1708.4 | 706.8 |
| 328.1  | 134.7 | 225.7  | 110.9 | 99.9  | 131.3  | 114.4 |
| 52.9   | 26.5  | 10.2   | 16.6  | 12.4  | 11.0   | 48.2  |
| 58.2   | 21.7  | 23.4   | 13.3  | 22.0  | 45.5   | 7.9   |
| 896.3  | 341.3 | 683.7  | 367.9 | 455.2 | 954.1  | 19.0  |
| 0.0    | 0.0   | 0.1    | 0.1   | 0.1   | 0.1    | 0.0   |
| 1.1    | 2.8   | 5.6    | 5.4   | 2.9   | 5.6    | 1.3   |
| 44.9   | 43.1  | 31.2   | 37.5  | 36.9  | 50.8   | 56.4  |
| 0.0    | 0.0   | 0.1    | 0.1   | 0.0   | 0.0    | 0.0   |
| 0.1    | 0.3   | 0.4    | 0.3   | 0.2   | 0.5    | 0.2   |
| 4.8    | 5.4   | 5.5    | 6.0   | 5.1   | 6.1    | 7.0   |
| 5.3    | 5.8   | 7.0    | 8.2   | 6.2   | 6.1    | 8.0   |
| 0.1    | 0.4   | 0.8    | 0.8   | 0.1   | 0.2    | 0.0   |
| 0.1    | 0.0   | 0.4    | 0.6   | 0.1   | 0.0    | 0.1   |
| 13.1   | 21.7  | 21.0   | 22.0  | 21.7  | 21.6   | 19.0  |
| 12.8   | 13.8  | 12.8   | 16.5  | 14.6  | 16.0   | 23.5  |
| 4.6    | 4.7   | 5.0    | 6.3   | 5.8   | 6.3    | 5.7   |
| 2.6    | 3.2   | 3.7    | 3.7   | 2.8   | 4.2    | 2.3   |
| 27.5   | 26.1  | 30.8   | 33.6  | 37.4  | 35.5   | 12.8  |
| 0.3    | 0.5   | 0.8    | 0.4   | 0.4   | 0.7    | 0.0   |



|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 1.5  | 1.8  | 2.0  | 1.6  | 1.8  | 3.2  | 2.2  |
| 1.6  | 2.5  | 3.6  | 4.3  | 2.7  | 3.2  | 1.7  |
| 0.1  | 0.1  | 0.6  | 0.3  | 0.2  | 0.2  | 0.0  |
| 4.6  | 6.9  | 3.3  | 3.8  | 6.4  | 6.3  | 2.7  |
| 0.7  | 1.0  | 2.1  | 2.0  | 1.9  | 0.9  | 0.0  |
| 0.4  | 0.4  | 0.6  | 0.7  | 1.4  | 0.7  | 0.2  |
| 9.2  | 7.6  | 6.7  | 7.4  | 8.3  | 9.7  | 8.7  |
| 0.2  | 0.2  | 0.2  | 0.2  | 0.3  | 0.6  | 0.0  |
| 0.3  | 0.6  | 1.0  | 0.8  | 0.6  | 1.5  | 0.6  |
| 14.7 | 13.8 | 17.8 | 21.1 | 18.9 | 15.9 | 29.0 |
| 7.2  | 9.3  | 9.1  | 9.3  | 13.5 | 11.9 | 3.8  |
| 17.9 | 20.3 | 12.7 | 10.0 | 17.9 | 27.3 | 14.2 |
| 1.5  | 2.2  | 2.0  | 2.0  | 2.3  | 2.7  | 0.7  |
| 9.6  | 10.8 | 9.7  | 10.0 | 12.3 | 11.6 | 10.6 |
| 19.9 | 21.8 | 24.5 | 24.8 | 20.8 | 22.3 | 18.0 |
| 32.0 | 29.3 | 24.6 | 27.9 | 28.4 | 34.6 | 43.6 |
| 35.9 | 46.3 | 51.0 | 59.8 | 42.6 | 47.8 | 48.2 |
| 3.8  | 5.7  | 10.0 | 8.6  | 7.1  | 8.3  | 5.3  |
| 0.7  | 2.7  | 4.8  | 4.0  | 1.9  | 2.9  | 0.2  |
| 0.7  | 0.8  | 1.9  | 1.6  | 1.3  | 1.1  | 0.6  |
| 10.1 | 12.1 | 8.1  | 12.1 | 9.2  | 13.5 | 9.8  |
| 6.6  | 8.0  | 6.7  | 6.1  | 9.4  | 9.5  | 4.6  |
| 0.7  | 1.0  | 2.0  | 1.6  | 2.1  | 1.4  | 2.1  |
| 3.5  | 3.1  | 5.3  | 5.0  | 5.2  | 3.8  | 4.8  |
| 6.1  | 7.1  | 8.0  | 8.0  | 10.6 | 7.9  | 8.0  |
| 9.0  | 15.5 | 21.7 | 13.6 | 9.4  | 13.1 | 13.4 |
| 0.1  | 0.2  | 0.8  | 0.2  | 0.2  | 0.2  | 0.0  |
| 0.0  | 0.1  | 1.0  | 1.0  | 0.1  | 0.0  | 0.0  |
| 3.3  | 3.7  | 3.4  | 4.7  | 5.5  | 3.9  | 3.1  |
| 3.1  | 2.8  | 1.7  | 1.7  | 3.6  | 3.0  | 2.0  |
| 1.2  | 2.0  | 1.0  | 1.4  | 1.3  | 1.3  | 0.4  |
| 2.4  | 3.3  | 3.3  | 4.4  | 4.5  | 4.5  | 4.9  |
| 0.0  | 0.3  | 0.6  | 0.6  | 0.0  | 0.4  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 4.8  | 7.4  | 6.9  | 9.0  | 10.3 | 8.3  | 6.6  |
| 0.8  | 1.0  | 0.8  | 0.7  | 1.3  | 1.2  | 0.9  |
| 3.2  | 5.9  | 5.9  | 5.1  | 5.1  | 6.6  | 2.8  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.3  | 0.0  |
| 4.6  | 6.8  | 5.7  | 6.2  | 4.9  | 8.0  | 7.9  |
| 2.0  | 2.4  | 3.8  | 3.8  | 2.7  | 3.6  | 2.2  |
| 29.6 | 33.5 | 29.4 | 37.4 | 38.2 | 36.7 | 45.5 |
| 4.7  | 5.3  | 4.0  | 3.8  | 6.1  | 6.5  | 3.0  |
| 28.8 | 26.8 | 29.8 | 38.9 | 32.3 | 27.3 | 29.2 |
| 3.2  | 10.1 | 11.4 | 10.0 | 9.9  | 8.8  | 5.0  |
| 0.1  | 0.1  | 0.3  | 0.2  | 0.1  | 0.4  | 0.0  |
| 0.1  | 0.2  | 0.8  | 1.0  | 0.1  | 0.1  | 0.0  |
| 0.1  | 0.2  | 0.3  | 0.4  | 0.2  | 0.1  | 0.0  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.1  | 0.1  | 1.3  | 0.4  | 0.1  | 0.3  | 0.0  |
| 1.9  | 2.9  | 3.0  | 4.7  | 3.5  | 2.6  | 2.8  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.6  | 0.6  | 0.1  | 0.8  | 0.0  |
| 0.0  | 0.1  | 0.4  | 0.1  | 0.1  | 0.2  | 0.0  |
| 0.1  | 0.2  | 0.4  | 0.3  | 0.1  | 0.3  | 0.0  |
| 16.5 | 18.2 | 24.0 | 19.3 | 19.3 | 16.3 | 14.2 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3.5  | 7.5  | 8.5  | 7.7  | 5.4  | 9.5  | 2.9  |
| 4.1  | 4.8  | 3.5  | 4.4  | 6.9  | 4.8  | 0.5  |
| 15.6 | 14.5 | 15.6 | 16.5 | 16.2 | 15.9 | 15.8 |
| 0.4  | 0.2  | 0.3  | 0.4  | 0.3  | 0.2  | 0.0  |
| 13.0 | 18.5 | 18.4 | 21.3 | 15.8 | 19.6 | 21.0 |
| 0.7  | 0.7  | 1.5  | 1.3  | 0.5  | 0.8  | 1.9  |
| 12.8 | 14.7 | 11.9 | 13.8 | 13.3 | 13.5 | 5.1  |
| 37.3 | 30.2 | 38.1 | 44.5 | 37.8 | 43.3 | 53.0 |
| 8.4  | 8.9  | 12.2 | 9.3  | 10.2 | 9.9  | 6.9  |
| 0.1  | 0.0  | 0.4  | 0.1  | 0.0  | 0.4  | 0.0  |
| 0.1  | 0.1  | 0.2  | 0.1  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.2  | 0.2  | 0.0  | 0.0  | 0.0  | 0.0  |
| 8.4  | 6.9  | 9.4  | 10.1 | 11.3 | 8.1  | 9.8  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.2  | 0.0  |
| 18.9 | 22.8 | 15.9 | 18.2 | 18.8 | 17.7 | 27.0 |
| 0.2  | 0.2  | 0.3  | 0.4  | 0.2  | 0.5  | 0.5  |
| 0.3  | 0.5  | 0.6  | 0.3  | 0.3  | 0.4  | 0.0  |
| 33.3 | 31.5 | 35.0 | 38.3 | 33.1 | 35.0 | 35.9 |
| 45.8 | 83.0 | 68.1 | 76.0 | 74.7 | 80.2 | 68.5 |
| 42.1 | 47.2 | 45.8 | 45.9 | 48.2 | 51.3 | 60.8 |
| 4.9  | 5.6  | 5.1  | 7.5  | 7.5  | 7.8  | 6.1  |
| 3.2  | 4.2  | 4.4  | 3.7  | 4.4  | 2.5  | 2.7  |
| 0.2  | 0.4  | 0.7  | 1.1  | 0.3  | 0.6  | 0.0  |
| 21.1 | 22.8 | 24.1 | 30.0 | 22.0 | 21.5 | 26.1 |
| 0.1  | 0.3  | 0.5  | 0.3  | 0.2  | 0.5  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.3  | 0.0  | 0.0  |
| 1.4  | 1.3  | 3.3  | 2.7  | 2.1  | 2.5  | 1.0  |
| 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.1  | 0.0  |
| 2.8  | 4.6  | 5.1  | 6.4  | 4.4  | 3.6  | 5.1  |
| 0.1  | 0.2  | 0.8  | 0.6  | 0.0  | 0.1  | 0.0  |
| 0.3  | 0.2  | 1.1  | 0.3  | 0.3  | 0.7  | 0.0  |
| 0.5  | 0.5  | 0.9  | 1.2  | 1.2  | 1.2  | 0.9  |
| 0.1  | 0.3  | 0.4  | 0.3  | 0.7  | 0.4  | 0.0  |
| 0.4  | 0.4  | 1.0  | 0.9  | 0.5  | 0.6  | 0.6  |
| 0.8  | 1.0  | 1.9  | 2.3  | 1.7  | 2.3  | 0.2  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.2  | 1.6  | 0.7  | 0.0  | 0.5  | 0.0  |
| 0.3  | 0.2  | 1.0  | 0.8  | 0.7  | 0.2  | 0.0  |
| 4.1  | 6.8  | 4.0  | 4.2  | 7.2  | 7.4  | 4.1  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.1  | 0.3  | 0.1  | 0.0  | 0.1  |
| 0.0  | 0.1  | 0.6  | 0.4  | 0.2  | 0.0  | 0.0  |
| 25.3 | 32.0 | 30.9 | 26.7 | 31.8 | 29.2 | 22.4 |
| 0.1  | 0.1  | 0.2  | 0.2  | 0.0  | 0.1  | 0.0  |
| 4.9  | 6.3  | 7.5  | 8.2  | 9.9  | 6.4  | 5.8  |
| 0.1  | 0.0  | 0.2  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.2  | 0.6  | 0.6  | 0.5  | 0.4  | 0.5  | 0.4  |
| 14.3 | 19.1 | 19.8 | 22.1 | 17.1 | 15.6 | 11.3 |
| 0.9  | 1.5  | 3.0  | 1.8  | 1.2  | 1.8  | 0.8  |
| 4.4  | 5.0  | 4.7  | 5.2  | 5.7  | 5.7  | 2.8  |
| 8.1  | 11.8 | 12.7 | 14.0 | 10.4 | 11.8 | 13.0 |
| 0.4  | 1.7  | 3.2  | 2.5  | 0.6  | 2.2  | 0.0  |
| 7.7  | 9.5  | 10.4 | 12.1 | 9.3  | 10.7 | 4.9  |
| 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.2  | 0.0  |
| 0.2  | 0.1  | 0.5  | 0.6  | 0.1  | 0.3  | 0.0  |
| 5.8  | 4.4  | 4.6  | 3.6  | 5.8  | 4.7  | 2.5  |
| 3.6  | 3.9  | 2.9  | 2.7  | 7.0  | 5.2  | 2.4  |
| 14.6 | 13.5 | 22.0 | 24.8 | 20.2 | 14.5 | 21.5 |
| 5.4  | 7.2  | 4.5  | 5.8  | 7.3  | 4.1  | 4.2  |
| 10.4 | 13.2 | 8.1  | 12.1 | 12.3 | 16.5 | 7.2  |
| 12.3 | 17.1 | 18.0 | 18.5 | 14.3 | 18.2 | 16.0 |
| 2.7  | 2.5  | 3.9  | 4.3  | 4.0  | 3.8  | 3.8  |
| 0.1  | 0.1  | 1.1  | 0.7  | 0.1  | 0.3  | 0.0  |
| 6.7  | 9.8  | 8.0  | 9.6  | 8.8  | 9.7  | 8.4  |
| 6.3  | 6.4  | 11.4 | 11.7 | 9.2  | 9.8  | 11.9 |
| 6.5  | 6.5  | 5.2  | 5.8  | 8.8  | 8.8  | 3.8  |
| 5.5  | 10.0 | 8.0  | 9.7  | 9.7  | 7.6  | 3.4  |
| 5.4  | 5.6  | 5.3  | 5.0  | 6.8  | 7.2  | 7.9  |
| 1.6  | 2.1  | 2.1  | 1.9  | 2.3  | 1.0  | 0.7  |
| 7.5  | 9.4  | 9.8  | 8.4  | 7.6  | 8.2  | 10.0 |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.6  | 0.2  | 0.0  |
| 2.3  | 2.5  | 2.3  | 1.7  | 5.1  | 1.7  | 0.2  |
| 0.1  | 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.0  |
| 4.2  | 5.6  | 7.1  | 8.2  | 6.6  | 6.6  | 11.8 |
| 1.0  | 1.6  | 3.4  | 2.6  | 3.2  | 3.3  | 0.0  |
| 5.4  | 7.6  | 6.5  | 6.6  | 6.0  | 8.8  | 6.3  |
| 19.2 | 20.7 | 15.4 | 25.0 | 23.1 | 21.2 | 15.6 |
| 0.0  | 0.0  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  |
| 2.4  | 2.4  | 3.3  | 1.2  | 2.1  | 2.0  | 2.8  |
| 8.5  | 10.8 | 10.6 | 10.4 | 11.9 | 11.2 | 7.6  |
| 9.1  | 10.1 | 11.2 | 11.9 | 9.6  | 10.9 | 13.9 |
| 1.4  | 1.7  | 3.7  | 3.3  | 4.6  | 2.9  | 1.5  |
| 3.0  | 2.5  | 2.2  | 2.6  | 2.2  | 3.5  | 4.7  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.5  | 0.0  | 0.0  |
| 0.8  | 2.2  | 1.7  | 1.1  | 2.6  | 4.3  | 1.4  |
| 9.6  | 10.9 | 15.8 | 9.7  | 13.1 | 9.9  | 12.4 |
| 1.9  | 2.9  | 2.3  | 1.5  | 3.6  | 2.9  | 1.0  |

|      |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|
| 2.7  | 3.1   | 1.7   | 2.2   | 3.6   | 3.3   | 3.1   |
| 5.9  | 5.2   | 3.1   | 5.2   | 5.5   | 7.6   | 4.6   |
| 0.0  | 0.0   | 0.3   | 0.0   | 0.2   | 0.0   | 0.0   |
| 10.7 | 13.4  | 18.1  | 16.2  | 15.7  | 14.9  | 12.6  |
| 9.9  | 15.1  | 11.1  | 11.1  | 13.6  | 14.5  | 7.3   |
| 0.2  | 0.3   | 0.9   | 1.0   | 0.8   | 2.1   | 0.9   |
| 0.5  | 1.0   | 2.4   | 1.9   | 1.2   | 2.6   | 0.7   |
| 0.5  | 0.7   | 0.8   | 0.5   | 0.8   | 0.6   | 0.3   |
| 0.6  | 0.8   | 1.7   | 1.9   | 1.2   | 1.6   | 3.4   |
| 21.9 | 25.6  | 23.5  | 24.8  | 25.8  | 18.8  | 17.6  |
| 98.5 | 105.8 | 116.0 | 131.5 | 127.1 | 150.0 | 171.1 |
| 5.7  | 7.8   | 6.4   | 5.6   | 9.3   | 7.3   | 3.6   |
| 29.1 | 37.2  | 28.7  | 30.1  | 29.5  | 32.1  | 38.3  |
| 0.0  | 0.1   | 0.1   | 0.1   | 0.0   | 0.3   | 0.0   |
| 0.1  | 0.1   | 0.4   | 0.4   | 0.1   | 0.3   | 0.0   |
| 4.2  | 4.1   | 5.8   | 6.5   | 3.9   | 6.3   | 6.5   |
| 2.4  | 2.7   | 2.5   | 2.5   | 3.0   | 2.5   | 1.5   |
| 12.6 | 15.7  | 14.1  | 15.3  | 14.4  | 15.8  | 15.3  |
| 0.7  | 1.1   | 1.4   | 1.9   | 1.4   | 1.9   | 1.0   |
| 11.2 | 9.0   | 10.0  | 16.7  | 12.2  | 9.8   | 19.9  |
| 0.1  | 0.2   | 0.7   | 0.5   | 0.4   | 0.7   | 0.0   |
| 0.0  | 0.0   | 0.7   | 0.3   | 0.7   | 0.0   | 0.0   |
| 0.0  | 0.0   | 0.0   | 0.1   | 0.1   | 0.3   | 0.0   |
| 36.0 | 49.4  | 38.4  | 38.5  | 63.0  | 48.0  | 14.9  |
| 0.2  | 0.2   | 0.1   | 0.3   | 0.3   | 0.2   | 0.5   |
| 4.8  | 5.7   | 5.5   | 5.5   | 7.7   | 7.9   | 1.7   |
| 2.1  | 2.2   | 3.3   | 2.5   | 3.4   | 3.0   | 0.6   |
| 2.6  | 1.8   | 2.1   | 2.8   | 2.1   | 2.5   | 0.8   |
| 0.2  | 0.0   | 0.0   | 0.6   | 0.4   | 0.0   | 0.0   |
| 2.9  | 2.4   | 3.8   | 1.9   | 1.6   | 1.6   | 1.9   |
| 5.3  | 10.4  | 11.2  | 7.6   | 10.2  | 11.6  | 3.5   |
| 7.9  | 14.5  | 13.9  | 12.7  | 11.5  | 9.2   | 18.3  |
| 3.4  | 5.5   | 5.2   | 4.3   | 7.1   | 5.7   | 3.9   |
| 0.1  | 0.3   | 0.5   | 0.1   | 0.2   | 0.1   | 0.0   |
| 0.6  | 0.3   | 2.2   | 1.1   | 0.5   | 1.6   | 0.0   |
| 19.8 | 25.5  | 26.1  | 28.4  | 30.2  | 21.3  | 18.5  |
| 0.6  | 0.9   | 0.7   | 0.7   | 0.5   | 0.6   | 1.0   |
| 12.8 | 16.8  | 17.7  | 19.7  | 16.1  | 18.9  | 25.3  |
| 0.1  | 0.1   | 0.3   | 0.3   | 0.0   | 0.1   | 0.0   |
| 0.8  | 1.2   | 4.3   | 0.9   | 0.9   | 0.9   | 0.0   |
| 8.5  | 12.0  | 14.7  | 13.2  | 12.4  | 15.1  | 12.0  |
| 0.9  | 0.7   | 1.1   | 1.6   | 1.2   | 1.6   | 0.0   |
| 24.8 | 32.9  | 18.0  | 16.5  | 31.0  | 29.2  | 12.2  |
| 10.4 | 16.7  | 13.2  | 13.3  | 13.4  | 16.3  | 15.7  |
| 0.8  | 1.1   | 1.7   | 1.2   | 0.6   | 1.5   | 0.0   |
| 0.1  | 0.1   | 0.4   | 0.0   | 0.4   | 0.1   | 0.0   |
| 0.9  | 0.6   | 0.6   | 0.6   | 0.9   | 1.1   | 0.9   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 1.2  | 1.5  | 0.9  | 1.0  | 0.7  | 1.1  | 0.0  |
| 0.2  | 0.3  | 1.3  | 1.4  | 0.6  | 1.1  | 0.0  |
| 1.7  | 3.3  | 5.6  | 4.4  | 3.6  | 4.0  | 1.8  |
| 0.0  | 0.2  | 0.3  | 0.7  | 0.3  | 0.3  | 0.0  |
| 0.3  | 0.4  | 0.6  | 0.4  | 0.5  | 0.4  | 0.0  |
| 0.1  | 0.4  | 0.4  | 0.8  | 0.1  | 0.7  | 0.4  |
| 0.1  | 0.3  | 0.3  | 0.3  | 0.2  | 0.2  | 0.0  |
| 0.1  | 0.1  | 0.3  | 0.1  | 0.1  | 0.0  | 0.0  |
| 0.0  | 0.1  | 0.1  | 0.4  | 0.1  | 0.2  | 0.0  |
| 1.6  | 1.6  | 1.3  | 1.5  | 2.2  | 1.6  | 0.7  |
| 0.1  | 0.1  | 0.1  | 0.2  | 0.1  | 0.1  | 0.0  |
| 2.9  | 4.1  | 0.8  | 1.0  | 4.8  | 2.9  | 0.6  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 1.4  |
| 5.1  | 7.4  | 8.7  | 8.5  | 8.3  | 9.2  | 6.6  |
| 6.4  | 6.8  | 4.9  | 7.3  | 6.2  | 4.2  | 7.2  |
| 1.5  | 1.3  | 2.1  | 2.4  | 2.0  | 3.1  | 1.8  |
| 0.1  | 0.1  | 0.3  | 0.2  | 0.1  | 0.0  | 0.0  |
| 9.0  | 8.9  | 8.4  | 13.2 | 10.7 | 8.7  | 13.3 |
| 0.0  | 0.1  | 0.5  | 0.6  | 0.3  | 0.6  | 1.1  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.1  | 0.1  | 0.0  |
| 4.2  | 8.0  | 5.2  | 6.0  | 5.0  | 8.9  | 3.5  |
| 0.0  | 0.1  | 0.2  | 0.2  | 0.1  | 0.2  | 0.0  |
| 0.0  | 0.1  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 59.1 | 64.0 | 58.4 | 73.5 | 67.0 | 55.2 | 81.0 |
| 0.1  | 0.2  | 1.1  | 0.5  | 0.2  | 0.3  | 0.0  |
| 3.5  | 4.1  | 4.0  | 2.9  | 5.4  | 2.3  | 0.8  |
| 4.5  | 5.4  | 4.3  | 4.5  | 6.4  | 5.1  | 3.6  |
| 3.4  | 4.9  | 6.2  | 6.7  | 6.9  | 4.7  | 6.1  |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.0  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.0  | 0.3  | 0.2  | 0.0  | 0.0  |
| 1.0  | 2.8  | 7.9  | 6.2  | 3.2  | 6.4  | 0.8  |
| 0.0  | 0.1  | 0.2  | 0.3  | 0.0  | 0.1  | 0.0  |
| 0.1  | 0.1  | 0.3  | 0.1  | 0.1  | 0.1  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 18.5 | 21.4 | 17.3 | 19.7 | 14.8 | 23.6 | 18.8 |
| 3.2  | 3.0  | 2.0  | 3.5  | 3.6  | 3.1  | 0.0  |
| 1.1  | 1.4  | 1.9  | 2.2  | 1.0  | 0.9  | 0.9  |
| 0.0  | 0.0  | 0.0  | 0.5  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.1  | 0.0  |
| 5.6  | 7.5  | 5.3  | 7.0  | 8.4  | 7.0  | 2.6  |
| 27.8 | 28.8 | 28.2 | 24.1 | 33.2 | 28.9 | 38.9 |
| 0.3  | 0.3  | 0.6  | 0.8  | 0.4  | 0.5  | 0.2  |
| 0.5  | 1.2  | 1.7  | 1.3  | 0.6  | 0.8  | 1.3  |
| 0.1  | 0.2  | 0.5  | 0.2  | 0.9  | 0.5  | 0.0  |
| 8.0  | 7.6  | 9.8  | 11.3 | 11.4 | 10.8 | 9.8  |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 21.7  | 19.6  | 19.2  | 23.3  | 19.7  | 21.7  | 32.1  |
| 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.5   | 0.2   | 1.0   | 0.0   | 1.5   | 0.0   |
| 0.0   | 0.0   | 0.6   | 0.0   | 0.0   | 0.3   | 0.0   |
| 0.5   | 1.3   | 1.4   | 2.5   | 0.6   | 0.2   | 2.6   |
| 1.2   | 1.6   | 3.0   | 2.8   | 2.7   | 1.8   | 1.5   |
| 3.4   | 2.9   | 4.5   | 6.2   | 4.1   | 3.4   | 4.5   |
| 0.0   | 0.0   | 0.4   | 0.0   | 0.1   | 0.1   | 0.0   |
| 0.2   | 0.2   | 0.3   | 0.3   | 0.1   | 0.2   | 0.4   |
| 0.2   | 0.1   | 0.0   | 0.2   | 0.3   | 0.1   | 0.0   |
| 0.4   | 0.3   | 0.8   | 0.8   | 0.8   | 0.7   | 0.2   |
| 0.1   | 0.0   | 0.3   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.3   | 0.1   | 0.2   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 1.0   | 0.1   | 0.2   | 0.0   | 0.0   |
| 12.6  | 11.7  | 16.4  | 17.9  | 16.1  | 13.5  | 20.2  |
| 0.1   | 0.0   | 0.5   | 0.0   | 0.1   | 0.0   | 0.0   |
| 4.1   | 7.2   | 7.8   | 7.5   | 6.0   | 8.4   | 4.0   |
| 16.7  | 14.5  | 19.1  | 25.4  | 17.5  | 22.4  | 29.2  |
| 13.4  | 15.3  | 14.7  | 14.6  | 20.1  | 15.8  | 3.2   |
| 3.6   | 3.7   | 4.0   | 4.8   | 5.3   | 5.3   | 2.7   |
| 1.9   | 2.7   | 3.6   | 3.4   | 1.8   | 2.4   | 4.3   |
| 11.3  | 20.9  | 22.8  | 21.0  | 13.7  | 23.2  | 19.3  |
| 2.3   | 3.8   | 4.1   | 3.5   | 2.4   | 4.6   | 5.3   |
| 0.0   | 0.1   | 0.4   | 0.3   | 0.1   | 0.2   | 0.0   |
| 0.0   | 0.3   | 2.8   | 1.2   | 2.4   | 0.3   | 0.0   |
| 1.2   | 1.7   | 1.4   | 1.5   | 1.4   | 2.5   | 1.9   |
| 7.9   | 10.6  | 14.1  | 12.6  | 11.7  | 15.0  | 4.4   |
| 12.1  | 15.4  | 12.0  | 13.6  | 16.6  | 17.6  | 15.5  |
| 6.2   | 6.6   | 6.2   | 4.2   | 6.7   | 7.4   | 4.8   |
| 77.4  | 99.5  | 86.1  | 90.6  | 83.2  | 100.3 | 75.6  |
| 26.9  | 35.8  | 36.7  | 49.4  | 35.5  | 35.4  | 38.0  |
| 75.4  | 63.5  | 77.4  | 94.5  | 92.3  | 79.8  | 125.3 |
| 0.0   | 0.2   | 0.0   | 0.0   | 0.2   | 0.0   | 0.0   |
| 5.3   | 5.5   | 5.0   | 4.4   | 6.3   | 7.8   | 3.0   |
| 3.5   | 4.6   | 5.8   | 6.8   | 5.3   | 6.6   | 3.7   |
| 3.4   | 7.1   | 5.2   | 6.3   | 6.3   | 6.6   | 3.1   |
| 7.0   | 12.6  | 13.1  | 9.6   | 11.1  | 10.9  | 5.3   |
| 0.1   | 0.1   | 0.5   | 0.3   | 0.0   | 0.2   | 0.0   |
| 150.1 | 64.9  | 108.9 | 47.6  | 63.1  | 86.9  | 2.0   |
| 9.2   | 4.7   | 6.3   | 1.8   | 2.7   | 2.8   | 0.0   |
| 783.9 | 277.9 | 437.1 | 227.3 | 243.3 | 442.4 | 123.2 |
| 29.0  | 13.9  | 17.2  | 11.5  | 13.9  | 10.1  | 34.3  |
| 75.6  | 66.1  | 59.8  | 28.3  | 60.4  | 73.4  | 25.2  |
| 47.8  | 26.3  | 36.8  | 16.9  | 15.4  | 16.9  | 2.0   |
| 198.5 | 76.8  | 154.1 | 70.9  | 55.9  | 98.1  | 70.5  |

|        |       |       |       |       |       |       |
|--------|-------|-------|-------|-------|-------|-------|
| 82.5   | 22.5  | 12.1  | 7.6   | 12.8  | 21.3  | 2.0   |
| 188.3  | 77.1  | 115.3 | 77.7  | 56.7  | 108.1 | 51.7  |
| 596.9  | 219.3 | 336.4 | 171.8 | 185.3 | 321.1 | 40.0  |
| 1568.2 | 955.3 | 957.4 | 687.1 | 587.7 | 715.7 | 278.3 |
| 134.3  | 46.1  | 54.4  | 18.1  | 45.2  | 44.4  | 36.0  |
| 63.0   | 16.7  | 28.0  | 10.3  | 19.1  | 25.4  | 2.0   |
| 1026.3 | 445.3 | 679.6 | 294.2 | 415.2 | 602.2 | 66.6  |
| 27.8   | 11.6  | 23.3  | 12.7  | 12.3  | 16.1  | 0.0   |
| 0.5    | 0.0   | 0.0   | 0.0   | 0.9   | 0.0   | 0.0   |
| 440.6  | 173.1 | 297.5 | 126.9 | 177.6 | 274.8 | 27.0  |
| 13.9   | 4.9   | 3.3   | 0.0   | 2.8   | 7.2   | 36.0  |
| 239.7  | 115.1 | 140.3 | 65.9  | 65.5  | 171.7 | 22.4  |
| 111.8  | 38.1  | 113.1 | 48.8  | 26.4  | 77.7  | 22.5  |
| 19.7   | 9.4   | 13.4  | 10.2  | 5.4   | 1.4   | 15.5  |
| 219.0  | 79.3  | 101.6 | 40.1  | 52.5  | 44.4  | 20.0  |
| 28.9   | 15.1  | 48.8  | 22.6  | 31.8  | 19.8  | 11.8  |
| 124.5  | 31.4  | 42.6  | 20.0  | 30.9  | 45.0  | 0.0   |
| 118.8  | 40.4  | 64.4  | 42.9  | 28.8  | 46.2  | 13.7  |
| 115.8  | 37.9  | 38.9  | 10.9  | 38.3  | 98.3  | 43.7  |
| 25.6   | 13.8  | 18.7  | 7.6   | 11.1  | 10.0  | 2.0   |
| 110.9  | 55.8  | 101.6 | 49.6  | 51.6  | 44.4  | 122.1 |
| 99.1   | 40.6  | 88.5  | 60.7  | 48.0  | 19.3  | 3.9   |
| 162.7  | 44.9  | 103.2 | 45.2  | 55.7  | 70.8  | 20.2  |
| 363.2  | 108.6 | 336.6 | 131.1 | 132.5 | 315.3 | 68.8  |
| 12.0   | 9.1   | 23.3  | 3.9   | 12.3  | 4.4   | 6.1   |
| 18.1   | 4.7   | 11.8  | 5.6   | 7.2   | 4.2   | 0.0   |
| 245.7  | 94.5  | 115.5 | 83.3  | 77.7  | 136.8 | 22.4  |
| 341.8  | 159.7 | 203.0 | 180.3 | 116.9 | 153.0 | 221.6 |
| 202.0  | 78.0  | 49.4  | 38.9  | 49.2  | 96.7  | 35.6  |
| 155.7  | 55.0  | 135.7 | 58.4  | 53.7  | 73.7  | 46.6  |
| 0.2    | 0.3   | 0.3   | 0.2   | 0.4   | 0.3   | 0.1   |
| 5.2    | 4.0   | 5.4   | 6.3   | 8.0   | 5.4   | 4.8   |
| 2.7    | 4.0   | 0.0   | 8.6   | 10.1  | 1.4   | 0.0   |
| 99.6   | 66.3  | 121.4 | 88.3  | 61.3  | 88.4  | 223.8 |
| 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 452.8  | 159.1 | 303.2 | 144.9 | 175.6 | 227.6 | 208.7 |
| 9.6    | 17.1  | 25.7  | 26.1  | 13.6  | 23.1  | 9.6   |
| 0.1    | 0.1   | 0.3   | 0.2   | 0.1   | 0.0   | 0.0   |
| 0.0    | 0.0   | 0.7   | 0.6   | 0.2   | 0.0   | 0.0   |
| 0.3    | 0.3   | 0.0   | 0.5   | 0.5   | 0.3   | 0.0   |
| 0.2    | 0.4   | 0.5   | 0.4   | 0.0   | 0.5   | 0.0   |
| 2.5    | 2.5   | 0.9   | 0.9   | 4.1   | 2.1   | 0.0   |
| 12.0   | 12.2  | 19.1  | 18.0  | 18.2  | 18.9  | 13.0  |
| 5.5    | 4.1   | 5.2   | 5.1   | 7.7   | 10.3  | 4.2   |
| 19.9   | 25.4  | 20.9  | 21.4  | 29.7  | 28.7  | 20.8  |
| 1.6    | 1.6   | 1.2   | 1.1   | 1.6   | 3.4   | 2.1   |
| 7.3    | 8.5   | 7.0   | 6.8   | 8.9   | 10.4  | 4.6   |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.1   | 0.1   | 0.8   | 0.3   | 0.2   | 0.0   | 0.0   |
| 7.9   | 11.9  | 8.8   | 10.3  | 12.8  | 10.3  | 9.4   |
| 0.0   | 0.1   | 0.2   | 0.2   | 0.1   | 0.1   | 0.0   |
| 40.8  | 48.0  | 59.1  | 65.8  | 49.3  | 52.0  | 54.6  |
| 0.2   | 0.7   | 0.8   | 1.1   | 0.5   | 0.9   | 0.0   |
| 3.5   | 5.0   | 5.4   | 5.0   | 4.4   | 3.4   | 3.5   |
| 0.2   | 0.0   | 0.4   | 0.0   | 0.1   | 0.1   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.0   | 0.0   | 0.1   | 0.0   |
| 292.9 | 317.9 | 321.1 | 253.8 | 384.2 | 309.6 | 75.3  |
| 130.5 | 50.2  | 43.9  | 10.6  | 38.8  | 57.0  | 9.6   |
| 88.4  | 40.2  | 59.2  | 46.4  | 34.1  | 84.8  | 114.2 |
| 103.0 | 61.9  | 80.1  | 68.5  | 76.7  | 106.9 | 176.2 |
| 192.0 | 82.8  | 91.5  | 39.1  | 33.0  | 33.7  | 34.8  |
| 182.1 | 87.0  | 129.5 | 83.4  | 88.9  | 97.0  | 40.4  |
| 286.2 | 215.3 | 233.5 | 226.4 | 161.5 | 130.9 | 125.2 |
| 111.7 | 37.5  | 73.7  | 32.7  | 26.0  | 43.3  | 4.0   |
| 32.2  | 11.9  | 7.4   | 2.6   | 11.8  | 15.8  | 0.0   |
| 23.6  | 7.0   | 5.5   | 10.1  | 4.4   | 9.7   | 15.4  |
| 0.0   | 1.7   | 0.0   | 1.0   | 0.0   | 0.0   | 0.0   |
| 554.5 | 354.8 | 388.9 | 261.4 | 259.0 | 299.5 | 221.9 |
| 253.8 | 152.1 | 100.8 | 59.5  | 93.0  | 112.8 | 25.4  |
| 485.7 | 309.4 | 328.9 | 314.9 | 413.7 | 360.9 | 265.3 |
| 2.7   | 1.6   | 0.0   | 1.9   | 0.0   | 0.0   | 4.1   |
| 0.0   | 0.1   | 0.3   | 0.3   | 0.0   | 0.1   | 0.0   |
| 37.2  | 41.5  | 52.7  | 52.3  | 38.0  | 30.0  | 37.5  |
| 11.6  | 9.1   | 9.5   | 8.7   | 14.1  | 9.4   | 6.2   |
| 4.5   | 4.9   | 4.7   | 4.8   | 8.2   | 10.2  | 6.5   |
| 5.0   | 3.8   | 5.4   | 4.6   | 4.9   | 4.7   | 3.1   |
| 0.0   | 0.2   | 0.1   | 0.1   | 0.1   | 0.3   | 0.0   |
| 2.7   | 2.8   | 4.5   | 5.2   | 4.1   | 3.3   | 4.3   |
| 0.9   | 1.3   | 1.1   | 0.8   | 1.6   | 1.1   | 0.1   |
| 8.2   | 7.9   | 8.8   | 12.8  | 11.3  | 10.7  | 20.6  |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.8   | 1.2   | 1.5   | 1.4   | 1.5   | 2.0   | 1.9   |
| 2.8   | 3.7   | 1.9   | 2.3   | 3.0   | 4.1   | 1.9   |
| 0.6   | 0.9   | 2.2   | 1.9   | 1.1   | 1.7   | 0.4   |
| 5.6   | 8.6   | 8.6   | 11.6  | 12.1  | 9.7   | 9.7   |
| 4.2   | 4.8   | 7.1   | 6.4   | 5.1   | 5.5   | 2.2   |
| 5.4   | 7.7   | 8.1   | 7.3   | 5.7   | 6.5   | 13.2  |
| 1.3   | 3.1   | 2.2   | 2.1   | 2.7   | 2.8   | 1.4   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.0   | 0.2   | 0.0   |
| 0.2   | 0.3   | 0.4   | 0.4   | 0.3   | 0.3   | 0.4   |
| 0.1   | 0.2   | 0.8   | 0.3   | 0.4   | 0.0   | 0.0   |
| 0.1   | 0.3   | 0.7   | 0.7   | 0.1   | 0.0   | 0.0   |
| 1.9   | 2.7   | 3.5   | 4.0   | 2.0   | 3.4   | 1.2   |
| 0.1   | 0.1   | 0.5   | 0.4   | 0.2   | 0.2   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.0   | 0.1   | 0.2   | 0.0   |



|        |       |       |        |        |        |       |
|--------|-------|-------|--------|--------|--------|-------|
| 2.3    | 2.7   | 2.0   | 2.4    | 2.3    | 2.2    | 2.8   |
| 0.1    | 0.2   | 0.4   | 1.0    | 0.0    | 0.0    | 0.0   |
| 4.6    | 5.6   | 6.1   | 6.8    | 6.0    | 6.3    | 7.8   |
| 0.1    | 0.0   | 1.1   | 1.9    | 0.7    | 0.7    | 0.0   |
| 9.5    | 7.7   | 7.7   | 8.8    | 15.5   | 14.2   | 8.0   |
| 271.6  | 97.2  | 108.1 | 45.4   | 48.9   | 97.7   | 15.2  |
| 69.2   | 13.5  | 38.9  | 28.8   | 31.6   | 17.9   | 166.5 |
| 28.7   | 16.9  | 28.2  | 19.1   | 12.8   | 8.7    | 15.6  |
| 12.9   | 7.7   | 4.3   | 5.0    | 9.7    | 15.1   | 4.2   |
| 4.1    | 4.3   | 5.9   | 5.5    | 5.6    | 4.0    | 2.8   |
| 0.1    | 0.1   | 0.3   | 0.1    | 0.2    | 0.2    | 0.2   |
| 0.0    | 0.1   | 0.6   | 0.2    | 0.3    | 0.4    | 0.0   |
| 13.1   | 17.0  | 20.0  | 22.0   | 19.8   | 16.9   | 15.8  |
| 4.9    | 5.5   | 4.1   | 3.8    | 6.4    | 7.5    | 5.9   |
| 0.8    | 1.3   | 1.2   | 1.1    | 1.2    | 1.1    | 1.0   |
| 0.0    | 0.1   | 0.3   | 0.2    | 0.0    | 0.1    | 0.0   |
| 27.9   | 29.8  | 30.6  | 32.4   | 26.5   | 32.6   | 32.8  |
| 0.0    | 0.1   | 0.0   | 0.1    | 0.1    | 0.2    | 0.0   |
| 7.0    | 8.0   | 7.1   | 7.7    | 9.0    | 9.1    | 3.2   |
| 0.9    | 1.0   | 3.1   | 4.0    | 2.4    | 1.5    | 2.0   |
| 9.7    | 11.0  | 13.8  | 13.6   | 13.6   | 8.9    | 13.5  |
| 0.4    | 0.3   | 0.8   | 0.5    | 0.0    | 0.3    | 0.2   |
| 1.3    | 1.9   | 2.2   | 2.0    | 2.3    | 2.6    | 1.2   |
| 13.8   | 12.6  | 10.6  | 12.0   | 12.0   | 17.2   | 14.6  |
| 0.4    | 0.6   | 1.5   | 1.3    | 0.2    | 1.0    | 0.0   |
| 1077.7 | 861.8 | 907.2 | 1032.9 | 1244.5 | 1048.2 | 702.9 |
| 6.7    | 13.0  | 11.6  | 11.4   | 8.6    | 12.7   | 5.3   |
| 0.1    | 0.1   | 0.4   | 0.2    | 0.3    | 0.3    | 0.3   |
| 5.9    | 5.2   | 4.6   | 5.8    | 7.6    | 6.9    | 5.6   |
| 7.0    | 9.3   | 8.6   | 7.9    | 11.3   | 8.9    | 4.8   |
| 8.0    | 11.5  | 11.1  | 10.5   | 12.6   | 13.0   | 9.1   |
| 0.0    | 0.0   | 0.2   | 0.1    | 0.1    | 0.7    | 0.0   |
| 1.8    | 1.8   | 1.8   | 1.6    | 1.3    | 2.3    | 1.3   |
| 0.4    | 0.5   | 1.7   | 1.0    | 1.2    | 0.9    | 0.5   |
| 0.0    | 0.1   | 0.3   | 0.1    | 0.1    | 0.0    | 0.0   |
| 3.1    | 4.0   | 2.4   | 2.2    | 3.5    | 3.2    | 4.3   |
| 11.9   | 14.6  | 13.3  | 12.4   | 18.1   | 14.6   | 11.8  |
| 0.7    | 0.6   | 0.5   | 0.6    | 1.0    | 0.9    | 0.2   |
| 8.3    | 7.0   | 10.3  | 10.3   | 10.4   | 6.6    | 14.1  |
| 1.0    | 0.9   | 1.4   | 2.5    | 1.1    | 0.5    | 0.5   |
| 1.9    | 2.5   | 2.7   | 2.0    | 3.2    | 2.7    | 1.4   |
| 0.0    | 0.0   | 0.0   | 0.0    | 0.0    | 0.0    | 0.0   |
| 1.3    | 1.6   | 1.1   | 1.2    | 1.9    | 1.7    | 0.5   |
| 1.1    | 0.7   | 1.1   | 1.2    | 1.0    | 0.7    | 1.2   |
| 18.7   | 24.7  | 24.3  | 27.2   | 25.4   | 23.2   | 20.1  |
| 0.4    | 0.5   | 1.0   | 1.0    | 0.7    | 1.1    | 0.0   |
| 1.1    | 1.6   | 1.8   | 1.9    | 0.9    | 2.0    | 2.5   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 3.2  | 3.4  | 4.5  | 4.6  | 5.8  | 4.5  | 4.5  |
| 4.4  | 6.2  | 3.9  | 5.0  | 5.9  | 4.5  | 5.7  |
| 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.2  | 0.0  |
| 1.9  | 2.8  | 2.2  | 1.9  | 2.0  | 2.3  | 3.9  |
| 0.0  | 0.1  | 0.0  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.0  | 0.0  | 0.5  | 0.5  | 0.4  | 0.0  | 0.0  |
| 0.2  | 1.0  | 1.8  | 2.0  | 0.6  | 1.4  | 0.3  |
| 7.4  | 7.4  | 6.8  | 7.1  | 11.8 | 8.7  | 3.3  |
| 17.8 | 19.5 | 14.3 | 16.3 | 21.0 | 21.8 | 17.1 |
| 13.4 | 22.9 | 16.4 | 16.3 | 12.4 | 29.3 | 14.5 |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.0  | 0.3  | 0.0  |
| 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  | 0.1  |
| 0.1  | 0.2  | 0.1  | 0.2  | 0.0  | 0.6  | 0.0  |
| 0.4  | 0.7  | 0.6  | 0.7  | 0.4  | 0.5  | 2.7  |
| 0.0  | 0.0  | 0.4  | 0.2  | 0.0  | 0.1  | 0.0  |
| 0.2  | 0.4  | 0.5  | 0.2  | 0.7  | 0.4  | 0.0  |
| 0.2  | 0.9  | 1.7  | 0.6  | 0.5  | 2.7  | 0.8  |
| 47.7 | 11.9 | 33.9 | 15.7 | 16.8 | 18.7 | 0.0  |
| 4.4  | 3.4  | 5.9  | 5.8  | 6.5  | 6.5  | 4.4  |
| 0.0  | 0.1  | 0.1  | 0.3  | 0.0  | 0.1  | 0.0  |
| 6.7  | 6.5  | 7.2  | 7.1  | 10.6 | 8.8  | 4.6  |
| 0.5  | 0.6  | 1.7  | 1.4  | 0.8  | 1.1  | 0.0  |
| 6.8  | 9.1  | 5.6  | 7.1  | 5.7  | 12.3 | 10.4 |
| 5.1  | 4.1  | 6.9  | 10.6 | 5.4  | 7.7  | 7.3  |
| 0.0  | 0.1  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.2  | 1.2  | 1.4  | 2.0  | 1.1  | 1.6  | 0.1  |
| 1.7  | 0.8  | 2.0  | 1.5  | 1.8  | 1.2  | 3.8  |
| 0.0  | 0.0  | 0.2  | 0.1  | 0.1  | 0.0  | 0.0  |
| 2.9  | 2.9  | 2.0  | 2.4  | 3.5  | 2.7  | 1.5  |
| 2.0  | 3.5  | 2.0  | 2.3  | 3.1  | 3.3  | 2.0  |
| 9.5  | 9.8  | 11.5 | 12.1 | 7.4  | 12.2 | 17.7 |
| 2.0  | 1.4  | 1.7  | 1.6  | 2.5  | 1.9  | 1.8  |
| 5.6  | 6.7  | 6.8  | 4.5  | 7.5  | 8.4  | 2.5  |
| 2.0  | 2.8  | 3.4  | 2.3  | 2.9  | 2.6  | 2.3  |
| 0.6  | 0.3  | 0.4  | 0.5  | 0.6  | 0.4  | 0.0  |
| 0.2  | 0.4  | 0.3  | 0.8  | 0.3  | 0.9  | 0.0  |
| 0.9  | 1.7  | 2.2  | 1.9  | 1.9  | 1.9  | 2.7  |
| 2.4  | 2.1  | 2.1  | 2.1  | 3.4  | 3.2  | 3.5  |
| 3.6  | 4.8  | 8.2  | 7.7  | 7.5  | 5.5  | 2.5  |
| 13.5 | 25.9 | 29.2 | 30.0 | 31.1 | 30.5 | 19.2 |
| 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.6  | 0.6  | 0.4  | 0.2  | 0.5  | 0.6  | 0.5  |
| 0.0  | 0.0  | 0.2  | 0.2  | 0.0  | 0.0  | 0.0  |
| 0.2  | 0.2  | 0.3  | 0.2  | 0.3  | 0.3  | 0.1  |
| 2.1  | 3.5  | 3.0  | 3.4  | 4.1  | 4.3  | 0.5  |
| 8.4  | 10.3 | 11.1 | 11.7 | 12.1 | 14.1 | 12.6 |
| 11.4 | 10.4 | 12.0 | 14.4 | 13.4 | 14.1 | 21.5 |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 2.0   | 3.1   | 11.2  | 10.4  | 6.0   | 7.0   | 4.4   |
| 0.1   | 0.0   | 0.3   | 0.0   | 0.1   | 0.1   | 0.0   |
| 89.8  | 25.5  | 29.7  | 19.4  | 15.0  | 37.8  | 4.1   |
| 115.5 | 107.1 | 148.8 | 96.0  | 166.2 | 149.6 | 38.3  |
| 0.0   | 0.2   | 0.2   | 0.3   | 0.1   | 0.1   | 0.0   |
| 6.5   | 9.3   | 7.2   | 6.9   | 8.5   | 9.0   | 3.0   |
| 0.0   | 0.3   | 0.6   | 0.8   | 0.0   | 0.8   | 0.0   |
| 0.2   | 0.2   | 0.9   | 0.4   | 0.3   | 0.5   | 0.0   |
| 0.4   | 0.0   | 0.6   | 0.5   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.2   | 0.2   | 0.6   | 0.1   | 0.2   | 0.0   |
| 0.1   | 0.2   | 0.1   | 0.2   | 0.1   | 0.3   | 0.0   |
| 0.1   | 0.1   | 0.4   | 0.3   | 0.2   | 0.5   | 0.0   |
| 5.0   | 4.1   | 5.4   | 7.0   | 5.4   | 4.8   | 5.1   |
| 1.0   | 0.7   | 0.9   | 0.7   | 0.7   | 1.2   | 0.8   |
| 4.3   | 5.4   | 6.0   | 6.5   | 6.1   | 6.3   | 5.1   |
| 0.0   | 0.0   | 0.1   | 0.6   | 0.3   | 0.0   | 0.0   |
| 1.7   | 1.9   | 1.6   | 2.1   | 1.8   | 1.2   | 0.0   |
| 3.1   | 3.2   | 2.1   | 2.8   | 3.0   | 4.6   | 3.0   |
| 103.4 | 50.2  | 49.6  | 30.1  | 39.0  | 48.0  | 21.7  |
| 11.1  | 12.0  | 13.8  | 17.2  | 15.7  | 14.6  | 12.6  |
| 3.0   | 3.8   | 4.5   | 4.9   | 3.4   | 2.8   | 1.4   |
| 5.4   | 4.8   | 4.0   | 4.6   | 6.4   | 6.3   | 2.6   |
| 0.5   | 0.6   | 1.2   | 0.9   | 1.2   | 0.9   | 0.2   |
| 12.6  | 14.1  | 13.1  | 13.1  | 13.8  | 22.5  | 9.2   |
| 8.4   | 10.8  | 10.1  | 11.0  | 13.5  | 10.8  | 4.8   |
| 2.0   | 2.1   | 2.8   | 1.9   | 4.3   | 1.8   | 0.4   |
| 2.5   | 2.8   | 3.0   | 2.4   | 3.7   | 2.5   | 1.5   |
| 5.5   | 10.7  | 10.3  | 10.1  | 8.5   | 12.6  | 9.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 4.1   | 3.0   | 3.4   | 4.0   | 4.9   | 4.0   | 4.7   |
| 74.0  | 98.2  | 87.5  | 86.8  | 108.9 | 108.1 | 59.2  |
| 4.2   | 0.0   | 0.0   | 0.0   | 1.4   | 0.0   | 0.0   |
| 35.2  | 11.9  | 20.3  | 15.4  | 23.0  | 42.0  | 2.9   |
| 36.6  | 13.2  | 19.5  | 11.5  | 22.1  | 39.1  | 39.3  |
| 1.0   | 2.9   | 0.0   | 1.7   | 1.7   | 10.4  | 0.0   |
| 441.0 | 196.1 | 387.4 | 254.7 | 214.3 | 345.9 | 161.7 |
| 5.0   | 3.0   | 3.0   | 1.8   | 3.4   | 2.7   | 0.0   |
| 3.6   | 1.1   | 4.4   | 0.0   | 2.5   | 3.9   | 0.0   |
| 22.2  | 23.3  | 25.1  | 22.5  | 28.2  | 22.1  | 33.9  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.2   | 0.0   | 0.1   | 0.1   | 0.4   | 0.0   |
| 3.0   | 2.5   | 2.2   | 2.4   | 3.4   | 1.9   | 0.7   |
| 5.3   | 6.2   | 6.2   | 5.6   | 6.6   | 5.7   | 7.5   |
| 7.3   | 7.9   | 8.1   | 6.6   | 8.8   | 7.2   | 7.7   |
| 2.5   | 2.9   | 2.0   | 2.1   | 3.4   | 2.6   | 0.9   |
| 0.8   | 1.5   | 2.4   | 2.6   | 1.8   | 2.5   | 1.8   |
| 0.1   | 0.1   | 0.5   | 0.1   | 0.0   | 0.1   | 0.0   |

|        |        |        |        |        |        |       |
|--------|--------|--------|--------|--------|--------|-------|
| 2.2    | 3.9    | 3.2    | 3.4    | 3.7    | 4.0    | 1.6   |
| 2.1    | 2.0    | 1.9    | 2.7    | 2.1    | 1.2    | 0.5   |
| 0.7    | 0.7    | 1.0    | 1.2    | 0.9    | 1.0    | 0.0   |
| 2859.2 | 1303.0 | 2188.0 | 1411.1 | 1230.7 | 2194.9 | 767.9 |
| 0.1    | 0.1    | 0.4    | 0.1    | 0.2    | 0.0    | 0.0   |
| 15.4   | 18.9   | 14.7   | 14.5   | 15.6   | 21.6   | 19.2  |
| 5.5    | 6.2    | 7.7    | 7.7    | 9.5    | 6.6    | 6.1   |
| 4.5    | 4.2    | 5.5    | 6.0    | 5.4    | 5.0    | 7.5   |
| 7.0    | 9.4    | 13.9   | 15.5   | 10.8   | 8.6    | 7.8   |
| 0.0    | 0.1    | 0.2    | 0.1    | 0.0    | 0.3    | 0.0   |
| 0.0    | 0.1    | 0.2    | 0.5    | 0.0    | 0.0    | 0.0   |
| 2.6    | 2.9    | 2.6    | 2.5    | 3.2    | 3.0    | 3.0   |
| 2.5    | 3.6    | 3.9    | 5.8    | 2.0    | 3.0    | 8.0   |
| 1.0    | 0.5    | 2.0    | 1.6    | 0.3    | 1.8    | 1.2   |
| 2.5    | 2.8    | 2.9    | 3.6    | 2.8    | 2.6    | 3.7   |
| 1.1    | 1.2    | 1.8    | 1.8    | 1.4    | 2.0    | 4.3   |
| 0.1    | 0.1    | 0.3    | 0.1    | 0.1    | 0.1    | 0.3   |
| 1.4    | 1.8    | 1.7    | 1.5    | 1.2    | 2.1    | 1.6   |
| 0.0    | 0.1    | 0.1    | 0.1    | 0.1    | 0.1    | 0.0   |
| 0.3    | 0.4    | 0.6    | 0.6    | 0.3    | 0.6    | 0.5   |
| 0.2    | 0.6    | 0.8    | 0.7    | 0.2    | 0.8    | 0.4   |
| 0.1    | 0.1    | 0.4    | 0.4    | 0.5    | 0.3    | 0.0   |
| 0.0    | 0.3    | 0.2    | 0.2    | 0.0    | 0.0    | 0.0   |
| 18.1   | 17.1   | 14.5   | 16.6   | 22.8   | 15.9   | 8.0   |
| 1.0    | 1.6    | 2.5    | 2.4    | 2.0    | 3.0    | 2.0   |
| 6.4    | 8.4    | 6.3    | 6.7    | 9.7    | 10.5   | 2.3   |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   |
| 0.0    | 0.4    | 0.3    | 0.0    | 0.6    | 0.0    | 0.0   |
| 0.0    | 0.0    | 0.2    | 0.2    | 0.1    | 0.2    | 0.0   |
| 24.5   | 30.0   | 36.0   | 46.0   | 42.1   | 28.3   | 28.7  |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.2    | 0.0    | 0.0   |
| 32.5   | 40.6   | 40.9   | 50.5   | 41.7   | 43.1   | 39.8  |
| 12.9   | 18.0   | 15.5   | 18.2   | 15.1   | 17.1   | 24.1  |
| 4.1    | 5.1    | 6.0    | 6.7    | 5.6    | 5.8    | 5.3   |
| 9.4    | 11.2   | 9.9    | 9.6    | 16.6   | 9.3    | 2.9   |
| 4.7    | 5.1    | 4.2    | 4.7    | 7.2    | 3.8    | 2.0   |
| 3.5    | 3.8    | 5.8    | 7.2    | 6.9    | 6.5    | 9.5   |
| 0.2    | 0.2    | 0.8    | 0.3    | 0.0    | 0.1    | 0.0   |
| 0.0    | 0.0    | 0.3    | 0.6    | 0.5    | 0.5    | 0.0   |
| 3.3    | 3.4    | 2.3    | 4.4    | 3.8    | 5.1    | 3.7   |
| 0.0    | 0.0    | 0.1    | 0.1    | 0.0    | 0.0    | 0.0   |
| 3.5    | 4.1    | 5.2    | 5.8    | 3.7    | 3.8    | 3.4   |
| 18.0   | 25.7   | 24.3   | 22.3   | 25.6   | 31.8   | 7.3   |
| 1.7    | 2.1    | 1.8    | 2.0    | 3.3    | 3.0    | 3.3   |
| 1.0    | 1.5    | 3.1    | 2.7    | 1.9    | 1.5    | 0.8   |
| 0.4    | 0.4    | 0.8    | 0.7    | 0.4    | 0.7    | 0.2   |
| 0.1    | 0.1    | 0.2    | 0.1    | 0.2    | 0.0    | 0.0   |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 0.9   | 1.3   | 3.5   | 3.8   | 1.6   | 2.8   | 2.8   |
| 4.5   | 4.3   | 5.0   | 5.6   | 4.7   | 5.2   | 4.4   |
| 5.7   | 6.3   | 4.2   | 4.6   | 5.5   | 7.5   | 3.9   |
| 3.6   | 3.8   | 3.9   | 4.0   | 4.5   | 4.3   | 4.9   |
| 15.4  | 21.7  | 22.5  | 21.5  | 19.1  | 20.5  | 21.5  |
| 12.9  | 16.3  | 17.4  | 17.3  | 20.8  | 17.0  | 11.4  |
| 0.1   | 0.0   | 0.0   | 0.1   | 0.2   | 0.0   | 0.0   |
| 0.1   | 0.1   | 0.3   | 0.2   | 0.0   | 0.1   | 0.0   |
| 78.3  | 86.8  | 38.5  | 34.5  | 53.0  | 117.9 | 104.6 |
| 2.6   | 4.1   | 3.4   | 3.2   | 5.1   | 2.9   | 2.6   |
| 19.2  | 22.3  | 21.7  | 21.7  | 25.7  | 16.8  | 10.5  |
| 2.9   | 3.1   | 1.4   | 1.4   | 3.6   | 3.0   | 1.6   |
| 100.8 | 26.0  | 100.0 | 74.9  | 54.3  | 69.0  | 200.0 |
| 190.1 | 46.2  | 127.9 | 83.6  | 95.9  | 132.8 | 139.8 |
| 0.2   | 0.2   | 0.5   | 0.1   | 0.0   | 0.1   | 0.0   |
| 453.0 | 210.4 | 481.6 | 204.4 | 228.4 | 301.2 | 409.9 |
| 21.1  | 24.8  | 25.3  | 27.0  | 26.6  | 26.7  | 26.0  |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 1.2   | 1.5   | 1.2   | 1.5   | 1.4   | 1.6   | 1.3   |
| 1.0   | 1.6   | 2.0   | 1.8   | 1.4   | 2.3   | 0.6   |
| 2.2   | 2.0   | 2.4   | 2.4   | 1.8   | 2.8   | 4.4   |
| 2.4   | 5.3   | 7.1   | 7.5   | 4.7   | 8.5   | 2.4   |
| 0.1   | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   | 0.0   |
| 26.3  | 42.0  | 35.7  | 40.1  | 33.7  | 34.4  | 45.9  |
| 573.5 | 344.4 | 377.5 | 290.7 | 316.7 | 338.5 | 239.8 |
| 19.8  | 15.5  | 20.5  | 4.6   | 15.5  | 12.0  | 19.2  |
| 0.9   | 0.0   | 4.3   | 0.0   | 0.0   | 0.0   | 0.0   |
| 4.6   | 4.2   | 2.8   | 5.0   | 1.6   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.5   | 0.9   | 0.7   | 0.3   | 0.8   | 0.0   |
| 3.5   | 5.2   | 4.4   | 4.5   | 6.3   | 6.0   | 1.8   |
| 6.5   | 4.3   | 6.8   | 6.6   | 7.0   | 6.9   | 9.1   |
| 0.0   | 0.0   | 0.3   | 0.2   | 0.1   | 0.2   | 0.0   |
| 0.2   | 0.1   | 0.2   | 0.4   | 0.1   | 0.8   | 0.0   |
| 0.0   | 0.1   | 0.8   | 0.2   | 0.0   | 0.2   | 0.0   |
| 19.3  | 10.2  | 14.7  | 5.2   | 10.0  | 7.8   | 0.0   |
| 52.0  | 24.1  | 71.5  | 21.6  | 31.8  | 35.8  | 45.2  |
| 0.9   | 1.4   | 1.4   | 0.0   | 0.0   | 0.0   | 0.0   |
| 3.3   | 1.2   | 15.0  | 0.0   | 5.7   | 0.0   | 0.0   |
| 18.5  | 14.1  | 7.1   | 11.6  | 11.2  | 7.5   | 59.1  |
| 5.4   | 7.1   | 8.4   | 10.2  | 7.3   | 8.6   | 8.5   |
| 1.6   | 1.2   | 1.2   | 0.0   | 2.8   | 0.0   | 0.0   |
| 0.0   | 0.1   | 0.2   | 0.3   | 0.0   | 0.2   | 0.0   |
| 10.2  | 4.1   | 10.4  | 0.0   | 18.9  | 9.2   | 2.6   |
| 61.7  | 32.1  | 63.5  | 16.5  | 32.8  | 34.9  | 12.2  |
| 129.6 | 74.6  | 121.2 | 94.2  | 42.9  | 117.1 | 117.9 |
| 582.7 | 261.7 | 465.6 | 274.7 | 216.9 | 392.1 | 270.1 |

|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 277.3 | 87.2  | 196.4 | 113.9 | 115.4 | 196.2 | 83.6  |
| 57.6  | 13.9  | 45.9  | 21.9  | 39.7  | 35.6  | 21.1  |
| 385.9 | 159.5 | 274.4 | 136.9 | 132.2 | 234.4 | 199.2 |
| 0.5   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.6   | 0.5   | 0.3   | 0.3   | 1.3   | 0.1   | 0.3   |
| 3.2   | 3.4   | 2.5   | 2.8   | 4.0   | 5.2   | 1.8   |
| 0.3   | 0.2   | 2.1   | 1.5   | 0.0   | 0.3   | 0.0   |
| 0.0   | 0.2   | 0.6   | 0.1   | 0.0   | 0.2   | 0.0   |
| 0.0   | 0.2   | 0.4   | 0.1   | 0.2   | 0.2   | 0.0   |
| 0.1   | 0.1   | 0.2   | 0.4   | 0.0   | 0.0   | 0.0   |
| 22.1  | 15.9  | 25.2  | 30.2  | 26.0  | 20.9  | 42.1  |
| 11.2  | 12.6  | 17.7  | 19.9  | 17.6  | 14.7  | 18.6  |
| 0.1   | 0.0   | 0.2   | 0.2   | 0.1   | 0.2   | 0.0   |
| 1.3   | 1.7   | 2.5   | 1.9   | 1.6   | 1.4   | 0.0   |
| 3.9   | 5.5   | 7.3   | 4.7   | 3.9   | 7.4   | 3.9   |
| 52.1  | 72.7  | 49.2  | 52.0  | 52.7  | 79.6  | 91.9  |
| 13.5  | 11.1  | 10.1  | 10.4  | 9.2   | 8.9   | 21.8  |
| 0.2   | 0.0   | 0.5   | 0.5   | 0.3   | 0.4   | 0.0   |
| 0.0   | 0.0   | 0.5   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.3   | 0.1   | 0.5   | 0.8   | 0.1   | 0.4   | 0.0   |
| 1.6   | 2.2   | 2.7   | 2.5   | 1.5   | 2.1   | 1.5   |
| 1.0   | 0.7   | 1.1   | 0.7   | 1.0   | 1.2   | 0.6   |
| 1.6   | 2.0   | 1.9   | 2.0   | 2.1   | 2.9   | 0.8   |
| 5.9   | 7.8   | 6.7   | 6.5   | 9.7   | 12.0  | 5.0   |
| 2.7   | 4.7   | 8.3   | 7.6   | 4.3   | 8.2   | 2.4   |
| 0.1   | 0.1   | 0.3   | 1.2   | 0.5   | 0.4   | 0.0   |
| 0.1   | 0.2   | 0.4   | 0.3   | 0.2   | 0.7   | 0.0   |
| 2.0   | 2.4   | 2.1   | 2.2   | 3.0   | 3.3   | 2.2   |
| 5.0   | 8.6   | 10.7  | 9.3   | 8.1   | 8.3   | 6.8   |
| 4.8   | 5.5   | 2.1   | 2.7   | 4.5   | 6.5   | 1.8   |
| 4.7   | 4.0   | 3.6   | 3.4   | 6.3   | 4.2   | 1.5   |
| 1.8   | 3.3   | 6.6   | 6.0   | 4.7   | 4.3   | 2.2   |
| 3.5   | 5.5   | 7.0   | 6.8   | 6.4   | 5.2   | 1.1   |
| 1.1   | 1.1   | 1.8   | 1.3   | 1.4   | 1.3   | 1.5   |
| 1.5   | 4.0   | 8.2   | 6.4   | 3.9   | 7.1   | 2.5   |
| 0.1   | 0.1   | 1.0   | 1.0   | 0.1   | 0.3   | 0.0   |
| 0.6   | 0.9   | 1.3   | 1.0   | 1.1   | 1.6   | 0.4   |
| 0.1   | 0.2   | 0.6   | 0.3   | 0.0   | 0.3   | 0.0   |
| 0.0   | 0.0   | 0.2   | 0.1   | 0.0   | 0.0   | 0.0   |
| 0.1   | 0.3   | 0.6   | 0.6   | 0.3   | 0.2   | 0.2   |
| 0.2   | 0.3   | 0.1   | 0.0   | 0.1   | 0.4   | 0.0   |
| 0.2   | 0.3   | 0.6   | 0.4   | 0.6   | 0.5   | 0.0   |
| 16.2  | 11.0  | 17.9  | 8.1   | 14.0  | 14.6  | 0.0   |
| 0.2   | 0.0   | 0.2   | 0.4   | 0.3   | 0.6   | 0.0   |
| 29.6  | 37.9  | 37.5  | 39.7  | 52.5  | 38.1  | 31.2  |
| 31.2  | 39.6  | 44.1  | 48.9  | 37.5  | 38.5  | 51.6  |
| 1.3   | 1.9   | 3.5   | 3.6   | 2.6   | 2.4   | 1.8   |

|       |      |       |      |       |       |       |
|-------|------|-------|------|-------|-------|-------|
| 9.4   | 3.3  | 8.8   | 9.1  | 15.1  | 3.9   | 32.7  |
| 1.9   | 1.4  | 0.0   | 0.0  | 1.6   | 0.0   | 0.0   |
| 48.6  | 25.3 | 37.6  | 31.2 | 23.8  | 29.3  | 32.7  |
| 21.0  | 13.2 | 29.9  | 14.3 | 15.1  | 39.0  | 35.4  |
| 0.7   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0   | 4.9   |
| 169.7 | 90.0 | 178.8 | 65.2 | 108.9 | 114.5 | 153.0 |
| 0.8   | 0.0  | 2.3   | 2.7  | 0.0   | 0.0   | 0.0   |
| 6.5   | 2.5  | 11.2  | 2.9  | 5.7   | 8.8   | 0.0   |
| 9.5   | 4.8  | 4.8   | 5.7  | 6.8   | 0.0   | 0.0   |
| 1.0   | 2.9  | 2.9   | 0.0  | 0.0   | 0.0   | 3.6   |
| 1.1   | 0.0  | 0.0   | 0.0  | 0.0   | 2.8   | 0.0   |
| 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0   | 0.0   |
| 1.5   | 3.4  | 0.0   | 1.3  | 0.0   | 2.0   | 0.0   |
| 0.4   | 0.3  | 0.4   | 0.6  | 0.4   | 0.4   | 0.0   |
| 2.8   | 3.3  | 3.7   | 3.2  | 3.4   | 4.8   | 3.5   |
| 0.3   | 0.3  | 0.3   | 0.1  | 0.1   | 0.3   | 0.0   |
| 0.7   | 0.6  | 0.8   | 0.7  | 1.2   | 1.3   | 0.7   |
| 0.4   | 1.2  | 1.2   | 0.8  | 1.0   | 0.7   | 1.2   |
| 6.2   | 7.0  | 9.2   | 6.0  | 8.9   | 7.3   | 4.1   |
| 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0   | 0.0   |
| 0.6   | 0.3  | 0.5   | 0.9  | 0.7   | 2.1   | 1.5   |
| 0.9   | 5.5  | 2.8   | 1.6  | 3.1   | 12.1  | 6.8   |
| 42.5  | 32.3 | 26.2  | 2.9  | 2.8   | 19.8  | 0.0   |
| 3.5   | 5.3  | 1.3   | 3.1  | 7.6   | 9.5   | 3.3   |
| 22.5  | 11.4 | 8.6   | 5.0  | 9.7   | 55.5  | 31.7  |
| 5.5   | 8.4  | 8.7   | 9.5  | 9.5   | 8.7   | 2.1   |
| 16.9  | 16.4 | 16.1  | 21.8 | 17.6  | 17.0  | 22.4  |
| 19.5  | 22.1 | 19.1  | 19.3 | 21.4  | 25.7  | 18.9  |
| 2.9   | 4.1  | 5.5   | 5.6  | 5.5   | 5.6   | 2.6   |
| 2.9   | 2.6  | 3.0   | 2.4  | 3.4   | 3.1   | 3.8   |
| 2.6   | 3.1  | 2.5   | 2.5  | 4.4   | 3.1   | 1.0   |
| 3.8   | 4.5  | 4.7   | 7.4  | 6.6   | 5.6   | 4.3   |
| 0.4   | 0.6  | 0.7   | 0.6  | 0.6   | 0.6   | 0.5   |
| 33.3  | 55.7 | 31.4  | 28.6 | 50.1  | 54.3  | 13.1  |
| 6.2   | 8.0  | 6.5   | 6.6  | 10.9  | 10.4  | 2.3   |
| 0.0   | 0.0  | 0.0   | 0.1  | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0  | 0.1   | 0.0  | 0.0   | 0.0   | 0.0   |
| 0.5   | 0.2  | 0.5   | 1.2  | 0.5   | 0.9   | 1.4   |
| 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0   | 0.0   |
| 3.3   | 5.8  | 3.7   | 3.4  | 5.0   | 5.7   | 1.8   |
| 0.3   | 0.5  | 0.6   | 0.6  | 0.5   | 0.9   | 0.6   |
| 0.1   | 0.0  | 0.0   | 0.0  | 0.2   | 0.0   | 0.0   |
| 0.1   | 0.0  | 0.2   | 0.1  | 0.1   | 0.7   | 0.0   |
| 0.0   | 0.0  | 0.0   | 0.1  | 0.0   | 0.1   | 0.0   |
| 12.1  | 12.5 | 10.9  | 11.8 | 17.9  | 15.9  | 12.1  |
| 1.0   | 3.1  | 5.8   | 6.4  | 3.2   | 2.9   | 2.0   |
| 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0   | 0.0   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.0  | 0.0  | 0.1  | 0.2  | 0.0  | 0.1  | 0.1  |
| 1.3  | 1.1  | 1.5  | 1.3  | 2.5  | 1.6  | 0.6  |
| 4.3  | 6.5  | 5.8  | 6.3  | 6.0  | 4.6  | 6.0  |
| 28.9 | 15.9 | 19.2 | 21.3 | 23.9 | 30.1 | 37.4 |
| 0.0  | 0.1  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  |
| 0.3  | 0.7  | 2.0  | 1.9  | 1.3  | 1.5  | 0.1  |
| 2.8  | 2.5  | 3.6  | 2.6  | 5.1  | 2.4  | 3.7  |
| 4.0  | 4.1  | 4.9  | 5.7  | 6.5  | 6.1  | 3.6  |
| 19.3 | 14.8 | 19.1 | 24.3 | 23.7 | 21.6 | 47.1 |
| 7.8  | 10.4 | 11.1 | 11.5 | 10.9 | 10.1 | 6.9  |
| 0.0  | 0.1  | 0.1  | 0.4  | 0.0  | 0.2  | 0.0  |
| 52.7 | 50.8 | 64.6 | 54.2 | 60.3 | 59.7 | 52.0 |
| 20.4 | 21.6 | 21.1 | 22.8 | 27.4 | 26.4 | 18.7 |
| 0.0  | 0.0  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2.2  | 2.3  | 3.2  | 3.4  | 4.8  | 2.4  | 0.8  |
| 1.9  | 3.1  | 2.3  | 2.6  | 2.9  | 3.3  | 1.7  |
| 8.8  | 7.1  | 5.6  | 5.1  | 11.6 | 9.9  | 2.2  |
| 21.4 | 16.5 | 19.8 | 19.2 | 19.0 | 18.2 | 6.5  |
| 2.2  | 4.4  | 4.4  | 4.0  | 5.8  | 5.0  | 5.7  |
| 0.1  | 0.1  | 0.4  | 0.6  | 0.1  | 0.0  | 0.0  |
| 11.4 | 12.1 | 12.3 | 12.2 | 14.4 | 11.8 | 10.3 |
| 13.2 | 18.9 | 17.9 | 17.5 | 17.8 | 13.8 | 10.7 |
| 0.2  | 0.2  | 0.5  | 0.4  | 0.2  | 0.4  | 0.0  |
| 0.3  | 0.4  | 0.4  | 0.3  | 0.2  | 0.8  | 0.3  |
| 0.1  | 0.1  | 0.6  | 0.4  | 0.2  | 0.6  | 0.0  |
| 0.0  | 0.1  | 0.5  | 0.2  | 0.2  | 0.0  | 0.0  |
| 13.6 | 18.5 | 17.5 | 18.1 | 25.3 | 19.6 | 11.9 |



| AKT1 siRNA 2 rep 1 | AKT1 siRNA 2 rep 2 | Gene Length |
|--------------------|--------------------|-------------|
| 0.2                | 0.4                | 3989        |
| 0.1                | 0.0                | 3333        |
| 20.2               | 25.3               | 1236        |
| 7.5                | 3.8                | 4875        |
| 16.1               | 16.0               | 3175        |
| 1.7                | 0.5                | 3583        |
| 5.9                | 7.1                | 3783        |
| 13.7               | 6.7                | 8082        |
| 0.2                | 0.0                | 5817        |
| 1.7                | 0.8                | 8825        |
| 12.1               | 10.3               | 6751        |
| 14.8               | 16.2               | 2092        |
| 2.5                | 1.5                | 5672        |
| 0.1                | 0.0                | 1883        |
| 18.2               | 8.3                | 3605        |
| 4.8                | 3.4                | 5584        |
| 0.3                | 0.0                | 2859        |
| 0.4                | 0.0                | 1224        |
| 1.3                | 0.6                | 513         |
| 0.9                | 0.0                | 650         |
| 0.4                | 0.0                | 966         |
| 14.1               | 13.5               | 8280        |
| 33.2               | 22.8               | 4198        |
| 9.4                | 6.0                | 10474       |
| 25.8               | 22.9               | 5053        |
| 0.3                | 0.0                | 1724        |
| 0.2                | 0.0                | 449         |
| 0.1                | 0.0                | 744         |
| 6.9                | 4.6                | 1942        |
| 5.4                | 4.3                | 1688        |
| 0.0                | 0.0                | 1700        |
| 3.7                | 1.8                | 4771        |
| 10.7               | 5.8                | 2836        |
| 2.2                | 1.2                | 4148        |
| 1.5                | 0.5                | 6146        |
| 0.0                | 0.0                | 281         |
| 0.0                | 0.0                | 281         |
| 0.0                | 0.0                | 237         |
| 0.0                | 0.0                | 303         |
| 0.0                | 0.0                | 325         |
| 0.0                | 0.0                | 389         |
| 0.1                | 0.0                | 1980        |
| 0.5                | 0.1                | 3131        |
| 3.3                | 3.0                | 1418        |
| 0.9                | 1.1                | 4964        |
| 12.0               | 5.1                | 4323        |

|       |       |       |
|-------|-------|-------|
| 8.8   | 7.7   | 2932  |
| 4.4   | 5.5   | 26604 |
| 0.1   | 0.0   | 3203  |
| 0.0   | 0.0   | 1273  |
| 16.6  | 14.2  | 3844  |
| 0.5   | 0.1   | 3779  |
| 0.2   | 0.0   | 1459  |
| 0.0   | 0.0   | 1889  |
| 2.7   | 0.8   | 7282  |
| 0.8   | 0.8   | 50524 |
| 56.5  | 52.2  | 3048  |
| 18.2  | 14.5  | 2196  |
| 0.6   | 0.2   | 4650  |
| 0.3   | 0.0   | 2672  |
| 0.0   | 0.0   | 4131  |
| 0.1   | 0.0   | 14121 |
| 4.8   | 2.4   | 4528  |
| 0.1   | 0.2   | 7326  |
| 4.4   | 3.6   | 12155 |
| 2.3   | 2.0   | 2138  |
| 4.7   | 3.2   | 3416  |
| 7.9   | 5.6   | 4412  |
| 37.8  | 30.7  | 2962  |
| 0.0   | 0.0   | 1486  |
| 11.4  | 5.5   | 6104  |
| 531.2 | 656.4 | 534   |
| 717.9 | 645.7 | 507   |
| 377.4 | 457.2 | 396   |
| 0.1   | 0.0   | 2505  |
| 8.8   | 6.5   | 2463  |
| 11.8  | 11.5  | 6021  |
| 0.0   | 0.0   | 2863  |
| 4.1   | 3.6   | 1880  |
| 0.2   | 0.0   | 1897  |
| 0.2   | 0.0   | 591   |
| 1.0   | 2.1   | 396   |
| 0.5   | 0.5   | 5068  |
| 9.5   | 7.8   | 1970  |
| 3.4   | 2.0   | 4756  |
| 225.5 | 323.2 | 1071  |
| 37.2  | 30.8  | 6428  |
| 0.0   | 0.0   | 397   |
| 0.2   | 0.0   | 1677  |
| 7.0   | 11.8  | 2774  |
| 0.0   | 0.0   | 312   |
| 0.0   | 0.0   | 1765  |
| 1.3   | 0.8   | 2180  |

|       |       |       |
|-------|-------|-------|
| 13.9  | 9.1   | 5061  |
| 0.2   | 0.0   | 3191  |
| 0.5   | 0.0   | 2147  |
| 0.6   | 0.1   | 3665  |
| 8.8   | 3.8   | 8385  |
| 7.9   | 4.6   | 4772  |
| 8.9   | 5.1   | 3859  |
| 1.1   | 0.6   | 14642 |
| 48.0  | 60.6  | 4665  |
| 0.2   | 0.0   | 3820  |
| 3.8   | 3.5   | 2975  |
| 54.0  | 35.4  | 4868  |
| 0.2   | 0.1   | 4895  |
| 3.3   | 5.7   | 7324  |
| 0.4   | 0.1   | 938   |
| 3.3   | 2.3   | 4112  |
| 10.6  | 6.3   | 4811  |
| 0.1   | 0.1   | 1866  |
| 2.2   | 1.4   | 2767  |
| 6.4   | 6.4   | 8191  |
| 9.1   | 6.8   | 3653  |
| 7.7   | 6.3   | 7901  |
| 3.7   | 0.8   | 6885  |
| 0.4   | 0.1   | 840   |
| 24.9  | 16.7  | 6369  |
| 3.6   | 2.6   | 2031  |
| 3.4   | 2.6   | 11805 |
| 0.0   | 0.0   | 6810  |
| 0.1   | 1.3   | 1301  |
| 5.6   | 4.7   | 5533  |
| 2.1   | 1.4   | 6417  |
| 784.7 | 882.4 | 1561  |
| 0.0   | 0.0   | 24456 |
| 0.0   | 0.0   | 24456 |
| 0.1   | 0.0   | 10293 |
| 14.2  | 13.1  | 4828  |
| 2.5   | 0.9   | 2835  |
| 27.7  | 28.9  | 2427  |
| 3.8   | 2.0   | 2640  |
| 2.4   | 0.8   | 1384  |
| 50.7  | 39.0  | 3344  |
| 1.7   | 2.1   | 1936  |
| 2.7   | 2.0   | 3618  |
| 0.4   | 0.0   | 2327  |
| 0.4   | 0.1   | 6320  |
| 4.9   | 2.4   | 2994  |
| 61.9  | 70.5  | 6821  |

|      |      |       |
|------|------|-------|
| 0.2  | 0.2  | 5766  |
| 5.7  | 3.0  | 3340  |
| 8.8  | 6.6  | 4503  |
| 0.0  | 0.0  | 5052  |
| 9.2  | 8.0  | 3571  |
| 5.9  | 6.7  | 5115  |
| 0.2  | 0.0  | 2421  |
| 10.8 | 9.9  | 939   |
| 0.1  | 0.2  | 8505  |
| 0.0  | 0.0  | 1922  |
| 2.9  | 1.1  | 7216  |
| 5.5  | 4.2  | 20946 |
| 1.2  | 0.6  | 7972  |
| 0.6  | 0.6  | 18578 |
| 0.3  | 0.0  | 3865  |
| 6.0  | 2.2  | 3949  |
| 0.0  | 0.0  | 1229  |
| 0.4  | 0.0  | 763   |
| 0.0  | 0.0  | 888   |
| 1.4  | 1.8  | 10258 |
| 6.6  | 5.1  | 4689  |
| 4.8  | 0.7  | 2477  |
| 9.6  | 2.6  | 2657  |
| 2.8  | 3.4  | 4086  |
| 16.2 | 7.4  | 6758  |
| 6.2  | 3.2  | 5004  |
| 0.0  | 0.0  | 1469  |
| 0.5  | 0.1  | 3671  |
| 10.5 | 7.8  | 6751  |
| 18.2 | 18.9 | 3773  |
| 0.1  | 0.0  | 2116  |
| 0.2  | 0.0  | 4068  |
| 9.2  | 1.9  | 3383  |
| 4.7  | 4.1  | 44286 |
| 0.1  | 0.0  | 2831  |
| 2.7  | 0.8  | 2831  |
| 4.1  | 2.7  | 9348  |
| 15.7 | 13.7 | 15439 |
| 5.6  | 4.3  | 9771  |
| 0.0  | 0.1  | 4659  |
| 0.9  | 0.6  | 25922 |
| 1.3  | 0.2  | 1646  |
| 3.8  | 3.0  | 2783  |
| 0.3  | 0.3  | 14328 |
| 0.1  | 0.0  | 928   |
| 1.4  | 0.9  | 2091  |
| 13.8 | 19.2 | 1664  |

|      |      |       |
|------|------|-------|
| 9.4  | 6.3  | 11097 |
| 0.3  | 0.2  | 1925  |
| 1.2  | 0.8  | 16553 |
| 0.1  | 0.0  | 689   |
| 5.8  | 3.5  | 2673  |
| 0.1  | 0.1  | 1943  |
| 31.2 | 18.9 | 3893  |
| 1.2  | 0.6  | 7971  |
| 1.4  | 0.8  | 4230  |
| 2.3  | 1.9  | 3015  |
| 0.3  | 0.1  | 11447 |
| 0.7  | 0.1  | 5621  |
| 1.9  | 1.3  | 3250  |
| 0.4  | 0.4  | 6423  |
| 0.5  | 0.2  | 4292  |
| 0.0  | 0.0  | 6429  |
| 10.2 | 7.0  | 6489  |
| 8.2  | 9.1  | 2299  |
| 10.0 | 9.9  | 3794  |
| 6.7  | 7.6  | 1863  |
| 15.4 | 13.1 | 2203  |
| 0.0  | 0.0  | 1326  |
| 15.4 | 16.5 | 5262  |
| 7.1  | 11.3 | 2938  |
| 9.6  | 9.7  | 2213  |
| 8.0  | 3.7  | 5607  |
| 6.6  | 5.4  | 2664  |
| 3.0  | 3.6  | 1608  |
| 1.1  | 0.4  | 3746  |
| 7.3  | 7.0  | 3935  |
| 0.0  | 0.1  | 2911  |
| 0.0  | 0.0  | 4993  |
| 18.6 | 22.5 | 1516  |
| 4.4  | 1.7  | 3345  |
| 15.6 | 12.7 | 5181  |
| 0.4  | 0.3  | 17181 |
| 0.0  | 0.0  | 8732  |
| 0.3  | 0.0  | 1278  |
| 6.6  | 4.6  | 5756  |
| 4.8  | 3.3  | 4029  |
| 4.0  | 1.6  | 9519  |
| 7.8  | 4.9  | 9892  |
| 8.5  | 6.7  | 3207  |
| 2.8  | 2.9  | 4478  |
| 0.0  | 0.0  | 5609  |
| 13.1 | 8.4  | 3181  |
| 0.2  | 0.3  | 7458  |

|       |       |       |
|-------|-------|-------|
| 7.2   | 10.6  | 3037  |
| 2.8   | 1.8   | 2542  |
| 25.6  | 17.6  | 2232  |
| 0.0   | 0.0   | 2200  |
| 83.9  | 137.3 | 934   |
| 5.3   | 3.6   | 5459  |
| 11.0  | 7.3   | 1015  |
| 0.6   | 0.0   | 500   |
| 25.9  | 18.9  | 2585  |
| 20.5  | 13.2  | 7091  |
| 7.2   | 10.1  | 1822  |
| 0.6   | 0.4   | 4861  |
| 1.4   | 0.6   | 45091 |
| 3.3   | 2.6   | 2227  |
| 1.7   | 1.2   | 2219  |
| 3.5   | 1.9   | 1439  |
| 5.7   | 5.7   | 1163  |
| 6.2   | 3.4   | 4626  |
| 5.3   | 2.6   | 4322  |
| 7.4   | 5.3   | 5572  |
| 57.3  | 49.4  | 8532  |
| 39.4  | 49.7  | 5490  |
| 1.9   | 0.6   | 6540  |
| 12.8  | 8.9   | 7557  |
| 0.1   | 0.0   | 3402  |
| 194.6 | 190.9 | 2219  |
| 11.0  | 8.6   | 5167  |
| 0.1   | 0.1   | 5864  |
| 1.4   | 1.4   | 8298  |
| 0.9   | 0.6   | 9169  |
| 0.9   | 1.0   | 1951  |
| 5.5   | 3.3   | 8019  |
| 11.2  | 9.8   | 5310  |
| 11.3  | 8.7   | 3265  |
| 1.4   | 1.2   | 15468 |
| 0.4   | 0.5   | 2455  |
| 16.3  | 28.6  | 723   |
| 8.1   | 3.6   | 1191  |
| 1.2   | 1.5   | 5362  |
| 0.0   | 0.1   | 4751  |
| 26.5  | 9.0   | 1852  |
| 12.6  | 5.0   | 822   |
| 43.1  | 94.4  | 1131  |
| 0.4   | 0.1   | 3288  |
| 13.3  | 16.0  | 926   |
| 41.4  | 36.9  | 2723  |
| 1.4   | 0.3   | 969   |

|      |      |       |
|------|------|-------|
| 2.3  | 1.1  | 13757 |
| 5.6  | 2.5  | 18029 |
| 12.9 | 5.8  | 11326 |
| 8.7  | 10.9 | 6985  |
| 1.2  | 0.7  | 15194 |
| 1.8  | 1.3  | 2731  |
| 0.0  | 0.0  | 7229  |
| 5.3  | 3.8  | 6895  |
| 1.8  | 1.5  | 12257 |
| 0.9  | 1.2  | 3745  |
| 0.2  | 0.0  | 3817  |
| 0.2  | 0.0  | 2323  |
| 0.1  | 0.0  | 3141  |
| 24.7 | 18.2 | 7450  |
| 53.4 | 58.3 | 5353  |
| 3.8  | 4.5  | 9732  |
| 28.8 | 29.8 | 1134  |
| 11.4 | 8.2  | 1753  |
| 12.0 | 11.6 | 1816  |
| 0.5  | 0.3  | 4695  |
| 19.8 | 14.4 | 5381  |
| 8.2  | 6.4  | 4191  |
| 7.7  | 6.8  | 9163  |
| 60.5 | 54.0 | 1828  |
| 0.2  | 0.1  | 16055 |
| 1.8  | 1.3  | 2211  |
| 1.3  | 1.2  | 4153  |
| 12.7 | 11.5 | 6619  |
| 1.6  | 0.7  | 26381 |
| 3.8  | 3.6  | 1908  |
| 0.1  | 0.0  | 6168  |
| 4.4  | 5.5  | 895   |
| 3.7  | 3.0  | 4896  |
| 20.2 | 24.2 | 5927  |
| 2.5  | 0.9  | 10034 |
| 1.3  | 0.3  | 8739  |
| 0.1  | 0.0  | 2862  |
| 9.7  | 6.5  | 5535  |
| 4.1  | 3.5  | 12928 |
| 13.8 | 11.4 | 11784 |
| 0.2  | 0.2  | 2786  |
| 0.5  | 0.2  | 2558  |
| 0.6  | 0.4  | 1381  |
| 1.9  | 2.5  | 3093  |
| 0.0  | 0.0  | 294   |
| 0.8  | 0.4  | 1452  |
| 60.7 | 79.0 | 728   |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 2054  |
| 5.8  | 5.7  | 10339 |
| 6.5  | 8.8  | 3705  |
| 0.4  | 0.0  | 4333  |
| 0.3  | 0.1  | 3531  |
| 0.2  | 0.0  | 1779  |
| 11.3 | 12.0 | 5822  |
| 2.8  | 0.8  | 3596  |
| 1.2  | 1.1  | 3241  |
| 0.1  | 0.1  | 9394  |
| 0.0  | 0.0  | 5534  |
| 8.6  | 10.5 | 3201  |
| 2.7  | 2.7  | 5274  |
| 4.7  | 3.6  | 6483  |
| 1.8  | 0.8  | 2209  |
| 0.3  | 0.0  | 3596  |
| 0.2  | 0.2  | 3493  |
| 0.1  | 0.0  | 819   |
| 0.0  | 0.0  | 4005  |
| 2.5  | 2.5  | 5004  |
| 2.8  | 3.2  | 6107  |
| 0.1  | 0.1  | 10529 |
| 2.3  | 0.6  | 6331  |
| 1.9  | 0.3  | 6143  |
| 0.4  | 0.0  | 957   |
| 7.1  | 15.5 | 7507  |
| 10.9 | 8.6  | 6398  |
| 7.0  | 5.7  | 12436 |
| 2.8  | 2.6  | 11308 |
| 0.2  | 0.0  | 2217  |
| 2.7  | 3.0  | 2203  |
| 0.1  | 0.0  | 14198 |
| 0.2  | 0.0  | 2491  |
| 0.2  | 0.0  | 4158  |
| 1.3  | 1.4  | 2777  |
| 8.7  | 8.9  | 3567  |
| 0.1  | 0.0  | 6016  |
| 0.4  | 0.2  | 5474  |
| 0.8  | 0.7  | 3930  |
| 0.0  | 0.0  | 1598  |
| 9.6  | 6.1  | 2656  |
| 0.1  | 0.0  | 2111  |
| 0.1  | 0.0  | 1396  |
| 0.1  | 0.0  | 2592  |
| 0.3  | 0.0  | 3795  |
| 12.7 | 9.6  | 10835 |
| 5.9  | 3.4  | 2253  |



|      |      |       |
|------|------|-------|
| 0.6  | 0.3  | 5731  |
| 30.8 | 27.8 | 3800  |
| 0.0  | 0.0  | 1049  |
| 0.2  | 0.1  | 2928  |
| 0.9  | 0.6  | 4132  |
| 0.1  | 0.0  | 3298  |
| 0.1  | 0.0  | 5992  |
| 0.3  | 0.1  | 2500  |
| 0.1  | 0.0  | 3157  |
| 0.6  | 0.2  | 9361  |
| 2.0  | 1.2  | 20145 |
| 0.0  | 0.0  | 380   |
| 1.0  | 0.8  | 2094  |
| 0.7  | 0.3  | 20472 |
| 4.9  | 2.3  | 10831 |
| 4.6  | 4.2  | 2173  |
| 0.8  | 0.9  | 2128  |
| 0.0  | 0.0  | 1073  |
| 6.0  | 8.7  | 5283  |
| 0.2  | 0.0  | 2301  |
| 10.8 | 7.9  | 1738  |
| 2.4  | 2.3  | 8610  |
| 10.3 | 8.9  | 7553  |
| 1.3  | 1.2  | 2364  |
| 0.1  | 0.1  | 6192  |
| 0.0  | 0.0  | 1996  |
| 3.3  | 2.0  | 4974  |
| 0.1  | 0.0  | 3366  |
| 3.8  | 4.9  | 2579  |
| 14.7 | 10.7 | 5899  |
| 0.5  | 0.2  | 3420  |
| 8.0  | 3.6  | 7932  |
| 9.3  | 9.9  | 2485  |
| 1.0  | 1.3  | 3556  |
| 5.7  | 4.4  | 4942  |
| 17.8 | 17.2 | 7959  |
| 3.2  | 2.4  | 3449  |
| 8.8  | 7.6  | 2701  |
| 0.2  | 0.1  | 10154 |
| 0.1  | 0.1  | 23834 |
| 2.8  | 2.1  | 3769  |
| 4.1  | 2.1  | 8237  |
| 7.3  | 4.2  | 3553  |
| 15.8 | 14.0 | 3924  |
| 11.8 | 10.1 | 5255  |
| 3.5  | 3.7  | 5130  |
| 18.9 | 2.4  | 12995 |

|      |      |       |
|------|------|-------|
| 4.0  | 5.3  | 4647  |
| 0.1  | 0.0  | 5874  |
| 0.0  | 0.0  | 2006  |
| 4.6  | 3.0  | 4445  |
| 6.0  | 5.5  | 2730  |
| 0.1  | 0.1  | 3225  |
| 0.5  | 0.2  | 2517  |
| 2.1  | 1.5  | 1791  |
| 0.2  | 0.0  | 2000  |
| 4.6  | 4.9  | 9753  |
| 1.1  | 1.0  | 11444 |
| 0.1  | 0.1  | 19933 |
| 0.0  | 0.0  | 9967  |
| 10.5 | 12.4 | 9735  |
| 1.5  | 1.6  | 3854  |
| 1.4  | 0.3  | 8675  |
| 0.5  | 0.0  | 5535  |
| 0.0  | 0.0  | 4331  |
| 3.3  | 3.0  | 6430  |
| 0.4  | 0.2  | 2600  |
| 0.3  | 0.0  | 1116  |
| 3.9  | 3.4  | 2216  |
| 6.3  | 5.1  | 1371  |
| 2.8  | 2.1  | 7217  |
| 4.4  | 3.2  | 3916  |
| 8.3  | 7.8  | 3341  |
| 2.0  | 1.2  | 5207  |
| 7.2  | 5.0  | 9961  |
| 0.7  | 0.5  | 24038 |
| 0.1  | 0.1  | 13413 |
| 0.4  | 0.3  | 6207  |
| 0.1  | 0.0  | 3180  |
| 7.8  | 8.8  | 2722  |
| 3.2  | 3.9  | 2898  |
| 2.2  | 1.6  | 6584  |
| 21.8 | 12.0 | 3506  |
| 4.4  | 3.2  | 5166  |
| 10.6 | 5.3  | 4593  |
| 0.8  | 1.5  | 2832  |
| 5.3  | 4.2  | 4456  |
| 2.8  | 2.3  | 695   |
| 0.2  | 0.0  | 1812  |
| 0.5  | 0.0  | 1227  |
| 2.2  | 2.7  | 2075  |
| 22.6 | 23.4 | 6504  |
| 9.5  | 6.7  | 6284  |
| 1.8  | 1.0  | 1962  |

|       |       |       |
|-------|-------|-------|
| 7.2   | 7.6   | 2706  |
| 0.2   | 0.0   | 1243  |
| 0.1   | 0.0   | 1743  |
| 33.3  | 39.9  | 4074  |
| 0.5   | 0.0   | 1670  |
| 0.0   | 0.0   | 698   |
| 1.3   | 0.4   | 7739  |
| 0.0   | 0.0   | 2934  |
| 0.7   | 0.1   | 2168  |
| 0.8   | 0.8   | 1146  |
| 13.8  | 10.9  | 1974  |
| 5.7   | 2.5   | 3886  |
| 26.8  | 29.6  | 882   |
| 0.0   | 0.0   | 2119  |
| 0.7   | 0.2   | 1317  |
| 0.0   | 0.0   | 1746  |
| 2.7   | 4.5   | 7152  |
| 2.2   | 1.5   | 10122 |
| 0.2   | 0.0   | 2316  |
| 0.1   | 0.0   | 1483  |
| 0.3   | 0.0   | 2985  |
| 31.0  | 46.4  | 4422  |
| 11.5  | 5.9   | 4093  |
| 0.6   | 0.4   | 2342  |
| 53.0  | 46.4  | 1765  |
| 28.2  | 14.3  | 4535  |
| 1.4   | 0.9   | 3785  |
| 21.5  | 21.3  | 5756  |
| 7.6   | 8.6   | 16323 |
| 9.0   | 5.7   | 4540  |
| 0.1   | 0.0   | 11781 |
| 116.6 | 110.6 | 2560  |
| 0.3   | 0.2   | 3967  |
| 9.1   | 5.6   | 6650  |
| 57.2  | 46.1  | 2144  |
| 3.4   | 2.9   | 9193  |
| 0.1   | 0.0   | 7536  |
| 1.7   | 2.3   | 22550 |
| 7.1   | 5.7   | 14290 |
| 4.1   | 5.3   | 13774 |
| 0.0   | 0.0   | 7401  |
| 0.0   | 0.0   | 453   |
| 51.7  | 42.1  | 3572  |
| 7.6   | 5.5   | 4335  |
| 10.1  | 5.9   | 2010  |
| 30.8  | 44.5  | 19329 |
| 12.9  | 8.2   | 2745  |

|       |       |       |
|-------|-------|-------|
| 1.7   | 0.3   | 2072  |
| 4.2   | 2.4   | 8505  |
| 2.4   | 2.5   | 2429  |
| 0.3   | 0.0   | 4021  |
| 3.5   | 2.3   | 3051  |
| 0.0   | 0.0   | 3330  |
| 35.4  | 36.4  | 2680  |
| 3.3   | 1.4   | 4542  |
| 101.6 | 133.6 | 1207  |
| 0.8   | 0.3   | 2899  |
| 0.0   | 0.0   | 3626  |
| 10.5  | 17.6  | 7740  |
| 0.5   | 0.1   | 5641  |
| 4.6   | 4.3   | 6501  |
| 12.4  | 18.1  | 5473  |
| 12.5  | 8.7   | 7551  |
| 4.6   | 1.3   | 5158  |
| 1.2   | 0.4   | 8053  |
| 4.7   | 4.0   | 1085  |
| 101.2 | 15.6  | 4889  |
| 9.5   | 3.7   | 448   |
| 33.0  | 3.1   | 134   |
| 6.2   | 0.0   | 76    |
| 6.5   | 5.4   | 738   |
| 0.2   | 0.2   | 8907  |
| 0.4   | 0.1   | 4187  |
| 25.2  | 17.4  | 5420  |
| 1.0   | 0.4   | 4957  |
| 3.7   | 3.2   | 1382  |
| 0.0   | 0.0   | 6313  |
| 18.9  | 11.2  | 11416 |
| 0.2   | 0.0   | 3950  |
| 0.0   | 0.0   | 1577  |
| 5.4   | 2.9   | 24548 |
| 4.8   | 4.9   | 5035  |
| 3.9   | 3.1   | 7081  |
| 0.1   | 0.0   | 4253  |
| 17.5  | 17.6  | 5485  |
| 8.5   | 7.5   | 1945  |
| 6.9   | 8.0   | 6633  |
| 0.0   | 0.0   | 1692  |
| 0.1   | 0.0   | 5089  |
| 1.3   | 1.2   | 14971 |
| 4.9   | 4.0   | 9833  |
| 5.8   | 5.7   | 5500  |
| 0.7   | 0.0   | 1140  |
| 0.2   | 0.0   | 2521  |

|      |      |       |
|------|------|-------|
| 7.8  | 6.7  | 7986  |
| 5.3  | 5.2  | 9472  |
| 0.2  | 0.1  | 16365 |
| 0.0  | 0.0  | 531   |
| 0.1  | 0.0  | 9336  |
| 0.1  | 0.1  | 2825  |
| 5.5  | 4.8  | 15756 |
| 0.0  | 0.0  | 2860  |
| 5.0  | 4.8  | 4208  |
| 0.4  | 0.2  | 1823  |
| 0.5  | 0.2  | 6352  |
| 5.0  | 3.7  | 4703  |
| 6.3  | 4.2  | 20811 |
| 1.5  | 0.8  | 1478  |
| 0.1  | 0.0  | 1695  |
| 0.6  | 0.4  | 3218  |
| 0.0  | 0.0  | 30767 |
| 3.1  | 2.1  | 6607  |
| 14.6 | 13.3 | 2785  |
| 2.6  | 2.5  | 3664  |
| 0.1  | 0.0  | 2531  |
| 1.4  | 0.7  | 17973 |
| 0.1  | 0.1  | 2520  |
| 0.1  | 0.1  | 2804  |
| 3.5  | 0.7  | 4172  |
| 0.5  | 0.0  | 2153  |
| 7.9  | 8.6  | 4617  |
| 4.6  | 4.0  | 4401  |
| 1.3  | 0.0  | 510   |
| 0.0  | 0.0  | 1816  |
| 0.0  | 0.0  | 1812  |
| 0.1  | 0.0  | 2961  |
| 6.7  | 3.8  | 2477  |
| 3.0  | 1.1  | 17608 |
| 1.3  | 0.9  | 4384  |
| 8.2  | 5.5  | 4069  |
| 16.7 | 9.4  | 2940  |
| 0.1  | 0.0  | 1911  |
| 7.4  | 6.5  | 3954  |
| 3.0  | 3.3  | 11457 |
| 0.3  | 0.0  | 2082  |
| 0.0  | 0.0  | 38583 |
| 0.2  | 0.0  | 2757  |
| 2.6  | 2.7  | 3693  |
| 9.6  | 6.1  | 4469  |
| 12.9 | 7.4  | 11016 |
| 0.0  | 0.0  | 972   |

|       |       |       |
|-------|-------|-------|
| 2.2   | 0.3   | 1252  |
| 0.2   | 0.0   | 1587  |
| 0.0   | 0.0   | 480   |
| 4.1   | 3.0   | 5519  |
| 6.4   | 2.9   | 10414 |
| 10.7  | 9.1   | 6711  |
| 0.0   | 0.0   | 942   |
| 66.8  | 61.3  | 4286  |
| 0.7   | 0.7   | 14188 |
| 0.2   | 0.0   | 16897 |
| 26.2  | 18.5  | 22618 |
| 21.9  | 17.8  | 9727  |
| 25.5  | 23.8  | 2114  |
| 1.4   | 1.5   | 1796  |
| 2.4   | 2.0   | 2282  |
| 2.4   | 2.4   | 1887  |
| 18.9  | 15.7  | 6637  |
| 5.8   | 3.4   | 9713  |
| 0.0   | 0.0   | 1833  |
| 0.1   | 0.0   | 6962  |
| 5.0   | 2.4   | 10379 |
| 3.8   | 3.7   | 8306  |
| 0.3   | 0.1   | 3536  |
| 0.0   | 0.0   | 1692  |
| 2.9   | 1.8   | 13708 |
| 0.0   | 0.0   | 1135  |
| 0.2   | 0.0   | 586   |
| 3.6   | 2.6   | 12779 |
| 0.2   | 0.0   | 8009  |
| 492.4 | 490.7 | 2276  |
| 0.1   | 0.0   | 1552  |
| 0.1   | 0.0   | 2265  |
| 0.2   | 0.3   | 1597  |
| 14.0  | 11.2  | 6363  |
| 0.6   | 1.0   | 1913  |
| 9.9   | 7.0   | 9423  |
| 0.0   | 0.1   | 2426  |
| 26.3  | 21.3  | 4795  |
| 0.1   | 0.0   | 1258  |
| 0.0   | 0.0   | 952   |
| 6.2   | 3.9   | 9510  |
| 7.0   | 8.4   | 6439  |
| 0.9   | 0.8   | 11081 |
| 114.4 | 141.2 | 1069  |
| 0.0   | 0.0   | 450   |
| 0.1   | 0.0   | 8017  |
| 5.0   | 3.0   | 10035 |

|      |      |       |
|------|------|-------|
| 5.1  | 4.0  | 3809  |
| 42.9 | 41.9 | 1638  |
| 0.1  | 0.0  | 1409  |
| 4.2  | 4.8  | 5903  |
| 0.0  | 0.0  | 1033  |
| 5.4  | 6.2  | 5101  |
| 12.2 | 9.8  | 6138  |
| 40.6 | 42.3 | 10394 |
| 1.0  | 0.5  | 4520  |
| 8.7  | 10.6 | 2902  |
| 0.2  | 0.0  | 5719  |
| 0.9  | 0.4  | 17007 |
| 22.9 | 13.8 | 7896  |
| 0.4  | 0.1  | 7050  |
| 4.6  | 3.6  | 3405  |
| 0.1  | 0.0  | 3828  |
| 0.1  | 0.0  | 1689  |
| 0.0  | 0.0  | 11284 |
| 6.7  | 5.5  | 3428  |
| 80.9 | 84.6 | 1161  |
| 3.7  | 4.0  | 1496  |
| 21.7 | 20.9 | 2969  |
| 6.1  | 4.7  | 5434  |
| 0.5  | 0.0  | 6553  |
| 18.8 | 12.5 | 2500  |
| 4.6  | 1.5  | 5888  |
| 2.6  | 2.6  | 2729  |
| 0.2  | 0.0  | 2371  |
| 2.2  | 0.9  | 3070  |
| 2.2  | 0.5  | 7043  |
| 0.4  | 0.0  | 1744  |
| 0.0  | 0.0  | 77    |
| 0.0  | 0.0  | 74    |
| 0.0  | 0.0  | 71    |
| 0.0  | 0.0  | 69    |
| 0.0  | 0.0  | 71    |
| 0.0  | 0.0  | 104   |
| 0.0  | 0.0  | 76    |
| 0.0  | 0.0  | 71    |
| 0.0  | 0.0  | 74    |
| 0.0  | 0.0  | 71    |
| 0.0  | 0.0  | 71    |
| 3.8  | 0.0  | 74    |
| 0.0  | 0.0  | 74    |
| 0.0  | 0.0  | 69    |
| 0.0  | 2.9  | 73    |
| 0.0  | 0.0  | 71    |

|       |       |       |
|-------|-------|-------|
| 0.0   | 0.0   | 74    |
| 2.7   | 0.0   | 71    |
| 0.0   | 0.0   | 71    |
| 0.0   | 0.0   | 71    |
| 0.0   | 0.0   | 74    |
| 0.0   | 0.0   | 71    |
| 0.0   | 2.9   | 71    |
| 0.0   | 0.0   | 69    |
| 0.0   | 0.0   | 71    |
| 0.0   | 0.0   | 71    |
| 0.0   | 0.0   | 71    |
| 0.0   | 0.0   | 74    |
| 0.0   | 0.0   | 71    |
| 0.0   | 0.0   | 69    |
| 0.0   | 0.0   | 71    |
| 0.2   | 0.2   | 6500  |
| 2.8   | 2.3   | 10923 |
| 0.1   | 0.0   | 5219  |
| 14.6  | 13.1  | 2930  |
| 0.0   | 0.0   | 578   |
| 2.2   | 2.1   | 8074  |
| 26.0  | 17.4  | 5566  |
| 0.0   | 0.0   | 1563  |
| 21.0  | 13.5  | 3116  |
| 0.2   | 0.1   | 10689 |
| 74.5  | 105.7 | 1151  |
| 7.8   | 6.8   | 12433 |
| 19.7  | 17.1  | 1390  |
| 75.4  | 100.0 | 477   |
| 4.9   | 4.6   | 1416  |
| 0.0   | 0.5   | 1516  |
| 1.6   | 0.6   | 1149  |
| 0.9   | 0.1   | 4607  |
| 18.3  | 13.4  | 8008  |
| 0.2   | 0.0   | 11124 |
| 14.4  | 14.8  | 5283  |
| 7.7   | 4.3   | 2525  |
| 176.7 | 129.1 | 1076  |
| 2.6   | 2.3   | 3288  |
| 91.0  | 117.1 | 1152  |
| 0.7   | 0.6   | 4534  |
| 0.0   | 0.0   | 74    |
| 0.0   | 0.0   | 74    |
| 0.0   | 0.0   | 70    |
| 0.0   | 0.0   | 71    |
| 0.0   | 0.0   | 71    |
| 0.0   | 0.0   | 77    |



|       |       |       |
|-------|-------|-------|
| 0.0   | 0.0   | 73    |
| 0.0   | 0.0   | 76    |
| 0.2   | 0.0   | 829   |
| 0.0   | 0.0   | 71    |
| 0.0   | 0.0   | 1915  |
| 0.0   | 0.0   | 1449  |
| 0.6   | 0.2   | 1472  |
| 0.7   | 0.8   | 1824  |
| 0.6   | 0.4   | 1196  |
| 0.2   | 0.0   | 4485  |
| 2.3   | 1.5   | 2678  |
| 8.2   | 3.9   | 3847  |
| 0.1   | 0.0   | 4405  |
| 0.0   | 0.0   | 6044  |
| 0.4   | 0.2   | 2894  |
| 0.0   | 0.0   | 2051  |
| 8.0   | 6.3   | 1802  |
| 4.0   | 1.4   | 11255 |
| 0.8   | 0.7   | 6194  |
| 16.2  | 16.5  | 852   |
| 3.1   | 1.6   | 5159  |
| 12.5  | 10.7  | 1615  |
| 9.1   | 10.8  | 1560  |
| 88.5  | 50.6  | 8575  |
| 0.7   | 0.0   | 566   |
| 0.3   | 0.1   | 10084 |
| 0.7   | 0.0   | 3552  |
| 0.0   | 0.0   | 3199  |
| 12.0  | 12.5  | 5665  |
| 0.1   | 0.0   | 6038  |
| 0.0   | 0.0   | 1914  |
| 0.0   | 0.0   | 942   |
| 9.0   | 5.4   | 5049  |
| 4.8   | 4.2   | 6395  |
| 6.5   | 4.2   | 2538  |
| 4.4   | 2.1   | 1101  |
| 24.1  | 24.1  | 6701  |
| 7.2   | 12.1  | 637   |
| 15.6  | 13.6  | 3710  |
| 0.1   | 0.0   | 6450  |
| 137.0 | 106.0 | 1354  |
| 16.9  | 15.9  | 2220  |
| 3.8   | 2.1   | 6856  |
| 4.7   | 2.2   | 3883  |
| 14.1  | 8.9   | 3313  |
| 0.2   | 0.0   | 3096  |
| 0.1   | 0.0   | 2654  |

|      |      |       |
|------|------|-------|
| 17.6 | 21.9 | 1076  |
| 0.2  | 0.0  | 3679  |
| 0.0  | 0.0  | 945   |
| 4.6  | 1.7  | 3285  |
| 0.0  | 0.0  | 1736  |
| 5.8  | 2.3  | 1781  |
| 0.0  | 0.0  | 4101  |
| 0.0  | 0.0  | 1039  |
| 5.9  | 6.0  | 2369  |
| 4.0  | 1.9  | 3412  |
| 0.6  | 0.0  | 1596  |
| 0.1  | 0.0  | 1539  |
| 1.4  | 0.6  | 6500  |
| 0.2  | 0.0  | 1607  |
| 0.4  | 0.1  | 7218  |
| 0.1  | 0.0  | 6832  |
| 2.5  | 1.5  | 8794  |
| 5.8  | 2.7  | 8643  |
| 15.8 | 10.5 | 2138  |
| 9.6  | 5.2  | 9271  |
| 6.4  | 3.0  | 2405  |
| 21.3 | 18.6 | 1307  |
| 0.1  | 0.0  | 7166  |
| 22.3 | 34.3 | 3952  |
| 0.0  | 0.0  | 1189  |
| 4.8  | 6.5  | 5634  |
| 0.0  | 0.0  | 3123  |
| 0.1  | 0.0  | 11051 |
| 0.3  | 0.4  | 5273  |
| 0.0  | 0.0  | 1495  |
| 0.2  | 0.1  | 36043 |
| 1.6  | 0.5  | 5472  |
| 4.0  | 3.0  | 5814  |
| 4.8  | 4.0  | 6409  |
| 3.1  | 3.1  | 11021 |
| 0.7  | 0.5  | 16192 |
| 0.2  | 0.0  | 1120  |
| 8.4  | 5.1  | 2245  |
| 12.5 | 18.6 | 3334  |
| 7.1  | 4.4  | 6421  |
| 61.4 | 75.1 | 1955  |
| 13.9 | 12.6 | 6556  |
| 2.3  | 1.4  | 7553  |
| 1.1  | 0.0  | 924   |
| 0.0  | 0.0  | 623   |
| 11.4 | 11.0 | 4461  |
| 4.4  | 1.0  | 1530  |

|      |      |       |
|------|------|-------|
| 2.6  | 1.1  | 3578  |
| 12.5 | 10.6 | 1741  |
| 0.2  | 0.0  | 3465  |
| 0.8  | 0.5  | 6804  |
| 8.6  | 7.5  | 5623  |
| 6.7  | 2.2  | 1612  |
| 20.4 | 13.3 | 4069  |
| 0.3  | 0.0  | 2794  |
| 0.1  | 0.0  | 896   |
| 0.5  | 0.1  | 1819  |
| 0.1  | 0.2  | 1369  |
| 0.5  | 0.1  | 2813  |
| 16.6 | 16.6 | 7538  |
| 1.6  | 1.2  | 8808  |
| 0.3  | 0.3  | 1063  |
| 8.0  | 4.0  | 8252  |
| 0.1  | 0.1  | 5070  |
| 2.4  | 1.9  | 5769  |
| 0.0  | 0.1  | 713   |
| 0.4  | 0.2  | 11310 |
| 0.5  | 0.2  | 9673  |
| 0.0  | 0.0  | 2722  |
| 0.0  | 0.0  | 3584  |
| 2.3  | 0.9  | 3723  |
| 9.7  | 6.7  | 1545  |
| 0.0  | 0.0  | 3894  |
| 19.0 | 18.2 | 2445  |
| 1.2  | 0.6  | 805   |
| 2.2  | 2.4  | 2702  |
| 2.3  | 1.1  | 1021  |
| 3.0  | 2.3  | 5389  |
| 6.9  | 4.6  | 5156  |
| 0.1  | 0.0  | 1027  |
| 1.8  | 0.6  | 4517  |
| 11.3 | 11.8 | 1360  |
| 0.1  | 0.0  | 4694  |
| 9.0  | 7.8  | 3602  |
| 12.6 | 11.8 | 1855  |
| 2.5  | 0.7  | 4499  |
| 0.2  | 0.0  | 4024  |
| 0.7  | 0.3  | 2539  |
| 6.0  | 1.8  | 4411  |
| 8.2  | 9.3  | 3272  |
| 4.3  | 5.2  | 2236  |
| 0.0  | 0.0  | 22637 |
| 1.4  | 1.3  | 3787  |
| 1.3  | 1.2  | 11331 |

|      |       |       |
|------|-------|-------|
| 87.6 | 129.7 | 6264  |
| 4.8  | 5.8   | 10341 |
| 7.5  | 3.9   | 6245  |
| 11.0 | 14.8  | 781   |
| 1.2  | 0.7   | 3986  |
| 2.3  | 1.8   | 3875  |
| 2.0  | 0.7   | 2361  |
| 11.8 | 11.9  | 622   |
| 1.3  | 0.9   | 2275  |
| 0.0  | 0.0   | 3884  |
| 4.8  | 3.3   | 3895  |
| 78.3 | 62.0  | 4706  |
| 3.7  | 5.1   | 4197  |
| 4.2  | 2.9   | 2593  |
| 0.0  | 0.0   | 2148  |
| 26.9 | 20.7  | 2041  |
| 0.2  | 0.0   | 924   |
| 0.4  | 0.0   | 1009  |
| 10.9 | 8.2   | 2793  |
| 6.4  | 5.4   | 2293  |
| 0.0  | 0.0   | 1034  |
| 0.6  | 0.1   | 2792  |
| 0.2  | 0.0   | 6773  |
| 1.2  | 1.8   | 7449  |
| 1.2  | 0.6   | 6318  |
| 0.4  | 0.2   | 4940  |
| 0.0  | 0.0   | 23102 |
| 0.2  | 0.0   | 15728 |
| 0.1  | 0.0   | 20568 |
| 3.7  | 4.0   | 9264  |
| 0.7  | 0.1   | 6371  |
| 0.0  | 0.0   | 9194  |
| 55.3 | 56.2  | 3477  |
| 3.7  | 2.6   | 2636  |
| 0.4  | 0.4   | 1874  |
| 2.5  | 1.3   | 4020  |
| 0.3  | 0.1   | 2445  |
| 4.0  | 2.1   | 10763 |
| 0.1  | 0.0   | 6489  |
| 6.8  | 5.1   | 9032  |
| 10.7 | 6.7   | 7878  |
| 0.1  | 0.0   | 1317  |
| 0.0  | 0.0   | 237   |
| 1.6  | 1.6   | 1687  |
| 1.9  | 0.7   | 4787  |
| 2.4  | 2.8   | 2562  |
| 2.7  | 1.4   | 5175  |

|      |      |       |
|------|------|-------|
| 9.0  | 7.4  | 1180  |
| 0.2  | 0.0  | 2005  |
| 0.0  | 0.0  | 234   |
| 0.4  | 0.0  | 956   |
| 0.0  | 0.0  | 1586  |
| 0.0  | 0.0  | 933   |
| 0.0  | 0.0  | 936   |
| 0.4  | 0.4  | 3180  |
| 0.1  | 0.0  | 1145  |
| 0.2  | 0.0  | 2812  |
| 1.7  | 2.0  | 1876  |
| 0.2  | 0.1  | 5190  |
| 0.2  | 0.1  | 27256 |
| 0.9  | 0.6  | 706   |
| 2.0  | 0.8  | 4003  |
| 0.0  | 0.0  | 939   |
| 7.6  | 4.9  | 4121  |
| 12.9 | 13.0 | 3136  |
| 1.7  | 1.2  | 1351  |
| 0.9  | 0.4  | 796   |
| 18.1 | 17.3 | 2200  |
| 6.4  | 4.8  | 5167  |
| 0.3  | 0.2  | 10417 |
| 2.4  | 2.0  | 10805 |
| 3.4  | 2.6  | 22397 |
| 2.6  | 0.4  | 13163 |
| 1.0  | 1.0  | 8919  |
| 4.7  | 4.1  | 5117  |
| 2.8  | 3.3  | 7601  |
| 6.4  | 6.3  | 7722  |
| 0.2  | 0.0  | 2341  |
| 10.4 | 10.1 | 9306  |
| 3.2  | 2.0  | 11373 |
| 0.5  | 0.4  | 6623  |
| 0.2  | 0.0  | 8389  |
| 0.6  | 0.0  | 3144  |
| 0.8  | 1.1  | 923   |
| 1.6  | 1.5  | 7088  |
| 0.8  | 0.4  | 43462 |
| 0.2  | 0.0  | 3278  |
| 0.3  | 0.0  | 6216  |
| 2.1  | 2.7  | 9252  |
| 4.5  | 4.9  | 2551  |
| 6.7  | 4.7  | 5875  |
| 0.6  | 0.3  | 2075  |
| 6.2  | 6.7  | 1876  |
| 51.2 | 54.4 | 2759  |

|      |      |       |
|------|------|-------|
| 4.3  | 4.8  | 8891  |
| 0.1  | 0.0  | 1060  |
| 0.0  | 0.0  | 2446  |
| 13.0 | 9.1  | 4018  |
| 14.5 | 11.9 | 8438  |
| 0.1  | 0.0  | 1896  |
| 0.8  | 0.0  | 1101  |
| 9.9  | 4.4  | 1831  |
| 7.8  | 6.3  | 5078  |
| 8.4  | 7.8  | 3283  |
| 0.2  | 0.1  | 5021  |
| 18.3 | 17.5 | 3950  |
| 0.1  | 0.1  | 2236  |
| 2.0  | 0.8  | 1923  |
| 22.4 | 11.4 | 2461  |
| 31.7 | 25.4 | 1874  |
| 2.8  | 2.4  | 1988  |
| 1.2  | 0.3  | 3549  |
| 14.6 | 12.9 | 2616  |
| 0.3  | 0.1  | 2840  |
| 0.2  | 0.0  | 817   |
| 5.0  | 4.4  | 1291  |
| 0.2  | 0.0  | 901   |
| 3.2  | 2.3  | 5635  |
| 1.5  | 0.3  | 2052  |
| 0.1  | 0.0  | 2698  |
| 5.0  | 8.8  | 1247  |
| 0.7  | 0.6  | 3969  |
| 2.4  | 1.2  | 2339  |
| 0.1  | 0.0  | 3730  |
| 0.0  | 0.0  | 731   |
| 0.5  | 0.7  | 3077  |
| 8.6  | 7.7  | 14090 |
| 0.3  | 0.0  | 363   |
| 0.2  | 0.0  | 1017  |
| 12.0 | 12.2 | 1615  |
| 0.1  | 0.0  | 5056  |
| 5.1  | 3.4  | 3064  |
| 0.6  | 0.4  | 21378 |
| 4.6  | 2.5  | 2533  |
| 1.6  | 1.3  | 3557  |
| 1.6  | 0.8  | 4576  |
| 0.1  | 0.0  | 5006  |
| 24.4 | 16.2 | 3213  |
| 0.2  | 0.0  | 3235  |
| 0.1  | 0.0  | 4888  |
| 29.4 | 19.6 | 16635 |

|      |      |       |
|------|------|-------|
| 0.1  | 0.0  | 1339  |
| 0.1  | 0.0  | 845   |
| 39.6 | 27.3 | 12878 |
| 3.2  | 1.9  | 5445  |
| 2.2  | 1.4  | 9617  |
| 5.5  | 3.9  | 5349  |
| 1.8  | 1.5  | 13691 |
| 30.4 | 29.6 | 913   |
| 0.8  | 0.6  | 8296  |
| 0.2  | 0.0  | 1073  |
| 5.6  | 2.2  | 2748  |
| 2.2  | 0.9  | 16825 |
| 0.0  | 0.0  | 1091  |
| 9.3  | 5.9  | 4385  |
| 0.0  | 0.0  | 4372  |
| 2.0  | 3.0  | 8360  |
| 2.8  | 3.0  | 5229  |
| 4.8  | 5.1  | 2477  |
| 6.1  | 5.8  | 9243  |
| 0.8  | 0.3  | 930   |
| 0.0  | 0.0  | 7978  |
| 0.0  | 0.0  | 1390  |
| 4.8  | 1.9  | 5617  |
| 1.2  | 0.3  | 5132  |
| 0.8  | 0.7  | 1599  |
| 6.8  | 6.4  | 6366  |
| 0.2  | 0.0  | 2346  |
| 0.1  | 0.0  | 9132  |
| 0.7  | 0.0  | 1320  |
| 0.3  | 0.1  | 6564  |
| 35.0 | 33.9 | 5087  |
| 11.6 | 12.8 | 9604  |
| 29.6 | 27.9 | 7555  |
| 21.2 | 18.2 | 4647  |
| 0.2  | 0.0  | 2176  |
| 10.1 | 7.5  | 5072  |
| 0.2  | 0.0  | 2104  |
| 0.9  | 0.2  | 3831  |
| 0.9  | 0.6  | 1101  |
| 7.3  | 4.2  | 4981  |
| 1.5  | 0.6  | 1351  |
| 10.5 | 4.5  | 2293  |
| 0.4  | 0.3  | 9298  |
| 1.7  | 3.7  | 1811  |
| 0.7  | 0.3  | 10718 |
| 2.3  | 1.9  | 21778 |
| 6.3  | 4.7  | 3247  |

|      |       |       |
|------|-------|-------|
| 0.5  | 0.0   | 1433  |
| 10.3 | 6.3   | 1631  |
| 0.1  | 0.0   | 3894  |
| 6.2  | 4.1   | 3994  |
| 17.8 | 10.5  | 7596  |
| 6.8  | 4.0   | 3357  |
| 0.0  | 0.0   | 2011  |
| 6.2  | 4.4   | 21159 |
| 0.2  | 0.1   | 3117  |
| 0.2  | 0.0   | 2591  |
| 8.2  | 4.7   | 1363  |
| 14.3 | 10.7  | 5732  |
| 6.1  | 4.4   | 12694 |
| 5.9  | 3.0   | 5088  |
| 0.8  | 0.1   | 3672  |
| 0.1  | 0.0   | 2133  |
| 82.2 | 118.2 | 877   |
| 0.3  | 0.1   | 6248  |
| 0.6  | 0.0   | 845   |
| 0.3  | 0.2   | 1609  |
| 0.2  | 0.0   | 1810  |
| 14.3 | 20.0  | 19407 |
| 1.4  | 1.4   | 2036  |
| 51.2 | 52.0  | 715   |
| 0.4  | 0.0   | 2768  |
| 3.3  | 2.8   | 2420  |
| 2.0  | 2.4   | 2420  |
| 0.2  | 0.0   | 1694  |
| 0.0  | 0.0   | 1568  |
| 8.7  | 8.8   | 2280  |
| 1.5  | 2.6   | 2528  |
| 3.3  | 2.6   | 11076 |
| 4.2  | 1.6   | 3832  |
| 5.6  | 6.2   | 16519 |
| 3.0  | 1.7   | 9865  |
| 1.6  | 1.5   | 1519  |
| 0.8  | 0.4   | 25144 |
| 6.2  | 5.4   | 2823  |
| 8.3  | 7.7   | 6413  |
| 2.9  | 2.3   | 4253  |
| 1.6  | 1.1   | 17830 |
| 8.7  | 2.8   | 1951  |
| 29.3 | 21.5  | 2149  |
| 3.1  | 2.4   | 11099 |
| 0.2  | 0.0   | 3229  |
| 18.9 | 30.6  | 1254  |
| 3.5  | 7.2   | 2038  |



|        |        |       |
|--------|--------|-------|
| 12.1   | 8.9    | 2126  |
| 93.2   | 81.6   | 2758  |
| 0.0    | 0.0    | 682   |
| 57.1   | 37.0   | 2449  |
| 17.4   | 8.3    | 601   |
| 28.9   | 32.2   | 1038  |
| 17.5   | 13.2   | 1893  |
| 8.6    | 6.1    | 4552  |
| 98.3   | 92.2   | 1697  |
| 12.0   | 6.6    | 9186  |
| 30.3   | 14.2   | 2071  |
| 1.2    | 0.2    | 1388  |
| 6.0    | 4.5    | 5846  |
| 0.1    | 0.0    | 11876 |
| 22.7   | 19.6   | 2902  |
| 20.3   | 15.3   | 3169  |
| 2.0    | 1.8    | 2718  |
| 9.0    | 7.5    | 11622 |
| 6.7    | 7.1    | 6688  |
| 0.0    | 0.0    | 3039  |
| 8.9    | 8.4    | 5714  |
| 6.4    | 2.0    | 2499  |
| 7.8    | 4.8    | 3898  |
| 1.5    | 0.7    | 12158 |
| 0.6    | 0.3    | 1312  |
| 0.8    | 0.3    | 2414  |
| 0.4    | 0.0    | 1036  |
| 3.4    | 1.2    | 632   |
| 44.3   | 48.3   | 1835  |
| 16.5   | 11.6   | 9134  |
| 0.0    | 0.0    | 3034  |
| 0.1    | 0.4    | 873   |
| 0.3    | 0.2    | 3403  |
| 0.0    | 0.2    | 936   |
| 6.4    | 4.7    | 1101  |
| 9.2    | 7.9    | 5613  |
| 44.9   | 40.1   | 5137  |
| 9.3    | 8.0    | 18958 |
| 0.5    | 0.3    | 14699 |
| 4.0    | 2.7    | 6222  |
| 0.0    | 0.0    | 765   |
| 8964.2 | 3762.0 | 217   |
| 2.5    | 0.7    | 8960  |
| 3.3    | 2.0    | 31359 |
| 6.6    | 8.2    | 1675  |
| 20.1   | 13.8   | 4449  |
| 0.0    | 0.1    | 808   |

|      |      |       |
|------|------|-------|
| 0.3  | 0.0  | 1376  |
| 21.1 | 18.4 | 4287  |
| 13.3 | 11.5 | 1958  |
| 10.5 | 14.5 | 6256  |
| 10.0 | 9.5  | 3865  |
| 9.7  | 9.3  | 12467 |
| 0.6  | 0.3  | 18212 |
| 0.0  | 0.0  | 927   |
| 48.8 | 45.7 | 2273  |
| 13.3 | 10.2 | 1265  |
| 32.9 | 95.0 | 9379  |
| 0.1  | 0.1  | 4980  |
| 0.1  | 0.0  | 2440  |
| 6.2  | 6.1  | 11587 |
| 0.2  | 0.0  | 1546  |
| 5.9  | 6.3  | 5230  |
| 36.2 | 22.9 | 7373  |
| 4.1  | 3.2  | 1940  |
| 0.1  | 0.1  | 1733  |
| 13.5 | 8.1  | 3540  |
| 0.1  | 0.0  | 5770  |
| 0.1  | 0.0  | 8080  |
| 4.3  | 4.0  | 1265  |
| 0.1  | 0.5  | 1532  |
| 13.6 | 11.6 | 1528  |
| 5.2  | 3.3  | 2522  |
| 0.2  | 0.0  | 5996  |
| 6.5  | 6.0  | 1646  |
| 3.8  | 2.2  | 17177 |
| 0.1  | 0.0  | 6406  |
| 3.1  | 1.3  | 5403  |
| 3.6  | 1.0  | 6568  |
| 1.8  | 1.1  | 6644  |
| 0.2  | 0.0  | 1182  |
| 0.0  | 0.0  | 336   |
| 7.2  | 5.7  | 5756  |
| 0.1  | 0.0  | 2750  |
| 7.5  | 7.6  | 3630  |
| 0.0  | 0.0  | 2211  |
| 8.9  | 6.1  | 5115  |
| 2.5  | 3.2  | 1423  |
| 1.9  | 1.2  | 7332  |
| 0.3  | 0.2  | 3957  |
| 2.7  | 2.1  | 4607  |
| 76.6 | 69.4 | 1617  |
| 0.8  | 0.5  | 984   |
| 0.9  | 0.4  | 11557 |

|      |      |       |
|------|------|-------|
| 0.6  | 0.5  | 7229  |
| 8.1  | 4.8  | 12220 |
| 1.7  | 1.3  | 48978 |
| 12.7 | 11.7 | 1584  |
| 9.4  | 10.8 | 1487  |
| 2.9  | 3.7  | 3125  |
| 0.3  | 0.1  | 3044  |
| 9.2  | 12.7 | 3507  |
| 0.0  | 0.0  | 1160  |
| 5.1  | 7.6  | 4729  |
| 3.9  | 2.2  | 1722  |
| 91.5 | 78.5 | 3428  |
| 2.5  | 1.2  | 2510  |
| 2.1  | 0.5  | 6401  |
| 0.9  | 0.2  | 2096  |
| 0.1  | 0.0  | 4765  |
| 0.0  | 0.0  | 948   |
| 1.2  | 1.4  | 1613  |
| 9.0  | 4.8  | 1734  |
| 0.5  | 0.5  | 22231 |
| 4.5  | 1.8  | 5170  |
| 0.1  | 0.0  | 6051  |
| 10.8 | 9.0  | 8361  |
| 2.0  | 1.8  | 3795  |
| 0.9  | 0.5  | 3081  |
| 10.5 | 8.6  | 1572  |
| 0.2  | 0.1  | 13559 |
| 1.7  | 1.5  | 3855  |
| 31.4 | 21.0 | 10029 |
| 0.1  | 0.2  | 1177  |
| 3.6  | 2.8  | 16142 |
| 0.1  | 0.0  | 1907  |
| 12.4 | 12.8 | 7453  |
| 12.3 | 6.2  | 3998  |
| 5.7  | 4.0  | 3669  |
| 0.1  | 0.0  | 4512  |
| 0.3  | 0.1  | 18955 |
| 15.7 | 14.4 | 11242 |
| 2.2  | 0.0  | 1617  |
| 24.7 | 18.0 | 3399  |
| 0.2  | 0.0  | 6655  |
| 0.0  | 0.1  | 6094  |
| 3.6  | 2.7  | 12197 |
| 2.0  | 0.7  | 3307  |
| 4.2  | 3.5  | 3364  |
| 9.5  | 15.0 | 4105  |
| 13.1 | 15.1 | 1706  |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 3132  |
| 0.1  | 0.0  | 1396  |
| 0.2  | 0.0  | 1395  |
| 7.1  | 6.8  | 7283  |
| 0.1  | 0.0  | 6629  |
| 0.2  | 0.3  | 1939  |
| 0.3  | 0.3  | 7343  |
| 7.8  | 8.0  | 3955  |
| 1.0  | 0.6  | 33090 |
| 0.4  | 0.2  | 27148 |
| 12.4 | 23.6 | 3601  |
| 16.3 | 15.2 | 4377  |
| 15.3 | 15.9 | 1385  |
| 12.8 | 10.7 | 3570  |
| 0.3  | 0.4  | 3096  |
| 1.4  | 1.2  | 10896 |
| 0.2  | 0.0  | 3863  |
| 0.6  | 0.0  | 9179  |
| 1.2  | 0.7  | 17324 |
| 1.9  | 1.8  | 3452  |
| 0.2  | 0.1  | 2800  |
| 0.1  | 0.0  | 12603 |
| 0.7  | 0.5  | 1327  |
| 6.4  | 4.9  | 21777 |
| 1.9  | 0.8  | 11386 |
| 0.4  | 0.4  | 18082 |
| 17.2 | 11.8 | 11490 |
| 1.7  | 1.3  | 6314  |
| 0.1  | 0.0  | 7983  |
| 0.0  | 0.0  | 2451  |
| 0.4  | 0.0  | 2320  |
| 0.0  | 0.0  | 3823  |
| 0.1  | 0.0  | 6039  |
| 0.1  | 0.0  | 19404 |
| 0.3  | 0.0  | 2485  |
| 0.5  | 0.0  | 1438  |
| 0.5  | 0.4  | 9560  |
| 0.2  | 0.0  | 7207  |
| 15.8 | 10.2 | 10487 |
| 40.4 | 38.2 | 1854  |
| 10.5 | 8.3  | 2109  |
| 13.4 | 10.4 | 2187  |
| 0.1  | 0.0  | 1924  |
| 0.0  | 0.0  | 5447  |
| 5.5  | 3.2  | 2349  |
| 2.2  | 0.7  | 4628  |
| 0.1  | 0.0  | 25688 |

|      |      |       |
|------|------|-------|
| 1.3  | 0.8  | 2331  |
| 13.1 | 9.3  | 5817  |
| 21.8 | 23.7 | 5161  |
| 0.4  | 0.2  | 12359 |
| 4.0  | 2.6  | 1783  |
| 0.2  | 0.0  | 2936  |
| 0.4  | 0.3  | 5610  |
| 4.5  | 3.7  | 2639  |
| 6.5  | 4.3  | 11706 |
| 2.4  | 1.3  | 5739  |
| 18.1 | 17.4 | 1361  |
| 15.9 | 13.6 | 3330  |
| 2.9  | 5.1  | 20280 |
| 5.5  | 4.0  | 8473  |
| 20.9 | 19.7 | 5307  |
| 49.9 | 59.7 | 542   |
| 0.0  | 0.3  | 939   |
| 0.0  | 0.0  | 16157 |
| 4.9  | 1.2  | 5561  |
| 0.7  | 0.0  | 2096  |
| 7.9  | 6.9  | 2950  |
| 39.8 | 47.2 | 1254  |
| 0.0  | 0.0  | 2502  |
| 30.4 | 32.9 | 9093  |
| 3.7  | 3.1  | 2604  |
| 3.3  | 3.5  | 7848  |
| 0.0  | 0.0  | 3359  |
| 20.4 | 10.1 | 1535  |
| 0.5  | 0.0  | 1713  |
| 19.9 | 4.0  | 6111  |
| 0.3  | 0.0  | 16179 |
| 0.1  | 0.0  | 11706 |
| 0.4  | 0.3  | 7891  |
| 45.6 | 50.5 | 4406  |
| 0.1  | 0.0  | 1339  |
| 0.0  | 0.0  | 7642  |
| 0.1  | 0.0  | 3493  |
| 0.8  | 1.1  | 853   |
| 2.5  | 0.8  | 615   |
| 8.1  | 7.8  | 3736  |
| 2.3  | 2.2  | 8021  |
| 13.6 | 8.3  | 9029  |
| 0.2  | 0.0  | 6643  |
| 6.2  | 4.8  | 10698 |
| 1.7  | 2.1  | 13096 |
| 0.0  | 0.0  | 595   |
| 12.1 | 9.5  | 4173  |

|       |       |       |
|-------|-------|-------|
| 3.5   | 3.2   | 9758  |
| 5.5   | 3.0   | 13226 |
| 0.2   | 0.3   | 5460  |
| 1.0   | 0.9   | 4976  |
| 1.0   | 0.7   | 17380 |
| 0.2   | 0.0   | 1772  |
| 7.9   | 4.2   | 10563 |
| 0.0   | 0.0   | 1151  |
| 0.1   | 0.0   | 3848  |
| 0.3   | 0.0   | 1020  |
| 183.5 | 175.4 | 2596  |
| 0.5   | 0.1   | 2990  |
| 0.2   | 0.0   | 426   |
| 0.2   | 0.0   | 464   |
| 0.0   | 0.0   | 813   |
| 0.0   | 0.0   | 4805  |
| 0.0   | 0.0   | 3363  |
| 12.1  | 1.8   | 6257  |
| 0.0   | 0.0   | 1428  |
| 0.2   | 0.0   | 3563  |
| 0.2   | 0.0   | 1294  |
| 0.1   | 0.0   | 1294  |
| 2.0   | 0.5   | 2318  |
| 0.2   | 0.0   | 441   |
| 0.2   | 0.0   | 4443  |
| 0.1   | 0.0   | 1294  |
| 0.1   | 0.0   | 1294  |
| 0.1   | 0.0   | 1294  |
| 0.0   | 0.0   | 1294  |
| 0.0   | 0.0   | 1294  |
| 0.3   | 0.0   | 1294  |
| 0.4   | 0.0   | 1294  |
| 0.1   | 0.0   | 1294  |
| 3.8   | 1.1   | 4986  |
| 2.6   | 1.4   | 10009 |
| 2.3   | 1.7   | 15149 |
| 0.0   | 0.0   | 835   |
| 0.3   | 0.0   | 20975 |
| 3.1   | 1.8   | 13621 |
| 1.3   | 0.4   | 3847  |
| 0.0   | 0.0   | 462   |
| 51.9  | 45.8  | 3806  |
| 0.0   | 0.0   | 581   |
| 6.3   | 5.3   | 4322  |
| 17.1  | 15.3  | 5234  |
| 15.5  | 8.7   | 5758  |
| 0.0   | 0.0   | 1294  |

|      |      |      |
|------|------|------|
| 6.6  | 5.3  | 587  |
| 18.7 | 16.6 | 1977 |
| 5.9  | 4.7  | 2217 |
| 6.9  | 5.4  | 1450 |
| 0.4  | 0.1  | 1920 |
| 6.3  | 4.3  | 9409 |
| 1.0  | 0.7  | 5506 |
| 7.3  | 4.9  | 2451 |
| 0.3  | 0.0  | 899  |
| 6.7  | 5.9  | 8123 |
| 0.2  | 0.0  | 1128 |
| 4.8  | 2.6  | 7296 |
| 1.3  | 2.2  | 1547 |
| 0.3  | 0.0  | 2401 |
| 0.7  | 0.2  | 6353 |
| 0.1  | 0.4  | 1718 |
| 0.2  | 0.0  | 1197 |
| 2.6  | 2.7  | 1825 |
| 0.7  | 0.0  | 966  |
| 25.0 | 18.6 | 7391 |
| 0.2  | 0.0  | 2321 |
| 12.4 | 6.2  | 7464 |
| 7.3  | 9.6  | 6087 |
| 0.2  | 0.0  | 3587 |
| 0.3  | 0.1  | 4034 |
| 1.0  | 1.4  | 6704 |
| 0.0  | 0.0  | 5846 |
| 2.2  | 1.4  | 3376 |
| 0.3  | 0.1  | 3983 |
| 0.4  | 0.0  | 4972 |
| 1.7  | 1.0  | 2204 |
| 8.1  | 2.1  | 4261 |
| 0.1  | 0.0  | 1434 |
| 0.1  | 0.0  | 4107 |
| 0.0  | 0.3  | 679  |
| 0.6  | 0.0  | 1308 |
| 0.9  | 0.3  | 6834 |
| 0.5  | 0.1  | 2066 |
| 24.8 | 26.6 | 2669 |
| 0.1  | 0.0  | 1471 |
| 13.0 | 14.7 | 2076 |
| 0.2  | 0.0  | 1743 |
| 0.5  | 0.0  | 2958 |
| 0.0  | 0.0  | 1825 |
| 0.2  | 0.0  | 1617 |
| 0.2  | 0.0  | 1596 |
| 0.0  | 0.0  | 1296 |

|      |      |       |
|------|------|-------|
| 0.2  | 0.0  | 1678  |
| 2.4  | 1.7  | 5080  |
| 12.5 | 11.3 | 2990  |
| 4.0  | 3.4  | 958   |
| 0.3  | 0.1  | 1508  |
| 0.2  | 0.0  | 3045  |
| 1.2  | 0.8  | 4866  |
| 0.8  | 0.1  | 1573  |
| 4.2  | 2.9  | 3862  |
| 2.0  | 0.6  | 2104  |
| 0.2  | 0.1  | 1014  |
| 3.3  | 2.5  | 3685  |
| 1.1  | 1.0  | 10810 |
| 11.4 | 3.1  | 3275  |
| 0.8  | 0.6  | 6388  |
| 1.4  | 0.7  | 4710  |
| 0.9  | 0.5  | 1810  |
| 0.1  | 0.0  | 1485  |
| 0.2  | 0.1  | 1971  |
| 0.1  | 0.0  | 4070  |
| 0.3  | 0.1  | 1888  |
| 8.3  | 7.3  | 3119  |
| 0.0  | 0.0  | 747   |
| 0.0  | 0.0  | 1200  |
| 0.2  | 0.0  | 1638  |
| 0.0  | 0.0  | 440   |
| 0.1  | 0.0  | 807   |
| 0.1  | 0.0  | 904   |
| 0.0  | 0.0  | 399   |
| 25.6 | 21.6 | 6827  |
| 0.0  | 0.0  | 846   |
| 6.3  | 4.9  | 4811  |
| 0.1  | 0.1  | 3303  |
| 3.3  | 0.8  | 1586  |
| 0.3  | 0.4  | 6715  |
| 0.0  | 0.0  | 8140  |
| 10.6 | 10.9 | 4332  |
| 0.7  | 0.3  | 3612  |
| 0.0  | 0.0  | 11632 |
| 0.0  | 0.0  | 7320  |
| 17.5 | 12.0 | 9344  |
| 16.1 | 16.8 | 3757  |
| 0.2  | 0.0  | 4363  |
| 0.2  | 0.6  | 3189  |
| 0.0  | 0.0  | 6333  |
| 11.4 | 7.2  | 3130  |
| 14.8 | 10.8 | 4932  |



|      |      |       |
|------|------|-------|
| 22.7 | 18.3 | 2596  |
| 3.0  | 1.3  | 15284 |
| 4.4  | 1.8  | 13965 |
| 0.0  | 0.0  | 4914  |
| 0.0  | 0.0  | 3137  |
| 8.1  | 14.3 | 3606  |
| 5.1  | 5.9  | 1134  |
| 9.2  | 7.0  | 3257  |
| 0.7  | 0.0  | 1198  |
| 0.2  | 0.0  | 1029  |
| 0.1  | 0.0  | 9404  |
| 16.4 | 12.7 | 5316  |
| 0.4  | 0.0  | 1798  |
| 0.2  | 0.0  | 1188  |
| 1.3  | 0.3  | 3011  |
| 1.2  | 0.9  | 3016  |
| 0.1  | 0.0  | 1814  |
| 6.4  | 5.2  | 6202  |
| 0.0  | 0.0  | 4210  |
| 0.1  | 0.0  | 9267  |
| 0.0  | 0.0  | 2849  |
| 27.7 | 16.6 | 2233  |
| 3.1  | 1.8  | 4969  |
| 11.5 | 13.4 | 4188  |
| 0.2  | 0.1  | 6706  |
| 0.0  | 0.0  | 3636  |
| 0.0  | 0.0  | 4724  |
| 2.9  | 1.7  | 6270  |
| 0.3  | 0.1  | 3204  |
| 0.8  | 0.4  | 1972  |
| 6.0  | 4.6  | 8443  |
| 16.4 | 13.3 | 7371  |
| 0.0  | 0.0  | 397   |
| 7.6  | 6.9  | 4592  |
| 18.4 | 13.1 | 1686  |
| 0.2  | 0.0  | 498   |
| 2.8  | 1.8  | 5012  |
| 23.0 | 10.2 | 3020  |
| 0.4  | 0.0  | 2582  |
| 0.0  | 0.0  | 1814  |
| 8.0  | 7.9  | 1750  |
| 0.0  | 0.1  | 1885  |
| 0.5  | 0.2  | 1786  |
| 0.0  | 0.0  | 1170  |
| 6.6  | 12.3 | 724   |
| 0.0  | 0.0  | 17262 |
| 3.1  | 2.6  | 16503 |

|      |      |       |
|------|------|-------|
| 3.8  | 2.1  | 4406  |
| 0.5  | 0.1  | 1449  |
| 1.5  | 2.5  | 2550  |
| 1.7  | 0.8  | 2101  |
| 2.6  | 1.3  | 20423 |
| 1.1  | 0.8  | 9133  |
| 0.0  | 0.0  | 14704 |
| 6.0  | 6.8  | 3830  |
| 0.0  | 0.0  | 2597  |
| 0.2  | 0.0  | 2923  |
| 11.1 | 10.5 | 1834  |
| 0.5  | 0.0  | 738   |
| 25.9 | 30.3 | 9059  |
| 1.5  | 1.7  | 25476 |
| 0.2  | 0.0  | 3335  |
| 3.2  | 1.3  | 2561  |
| 0.0  | 0.0  | 5733  |
| 0.0  | 0.0  | 2398  |
| 5.8  | 5.9  | 2545  |
| 6.8  | 5.1  | 3987  |
| 9.0  | 2.3  | 3213  |
| 0.0  | 0.0  | 890   |
| 5.2  | 4.1  | 8120  |
| 15.3 | 16.4 | 14472 |
| 9.2  | 4.9  | 6061  |
| 9.9  | 7.7  | 3231  |
| 0.1  | 0.0  | 1974  |
| 86.1 | 94.6 | 2643  |
| 1.4  | 0.9  | 2206  |
| 9.4  | 2.7  | 509   |
| 5.8  | 4.9  | 2751  |
| 0.0  | 0.0  | 2802  |
| 9.7  | 18.9 | 3203  |
| 0.1  | 0.1  | 1243  |
| 0.0  | 0.0  | 50708 |
| 0.0  | 0.0  | 2925  |
| 0.0  | 0.0  | 1345  |
| 0.0  | 0.0  | 2854  |
| 0.7  | 0.0  | 514   |
| 0.1  | 0.2  | 2018  |
| 2.0  | 1.4  | 2592  |
| 23.5 | 20.2 | 1246  |
| 1.8  | 1.0  | 2335  |
| 0.9  | 0.4  | 15925 |
| 7.6  | 8.4  | 6493  |
| 3.2  | 2.3  | 4011  |
| 0.0  | 0.0  | 5198  |

|      |      |       |
|------|------|-------|
| 2.6  | 3.6  | 3132  |
| 42.3 | 36.7 | 7753  |
| 0.1  | 0.0  | 1287  |
| 15.0 | 6.6  | 5625  |
| 0.4  | 0.0  | 437   |
| 0.2  | 0.0  | 1190  |
| 3.5  | 0.8  | 5683  |
| 2.1  | 1.4  | 10875 |
| 5.6  | 7.8  | 1269  |
| 0.3  | 0.0  | 330   |
| 36.5 | 34.2 | 1418  |
| 0.0  | 0.0  | 822   |
| 2.1  | 2.6  | 10390 |
| 14.6 | 7.6  | 2351  |
| 8.9  | 7.3  | 1920  |
| 0.0  | 0.0  | 15419 |
| 2.2  | 1.6  | 10118 |
| 0.0  | 0.0  | 4191  |
| 0.0  | 0.0  | 6543  |
| 0.7  | 0.2  | 9813  |
| 8.8  | 5.6  | 5425  |
| 0.2  | 0.1  | 4717  |
| 7.6  | 5.5  | 3583  |
| 16.6 | 20.1 | 3317  |
| 5.8  | 4.8  | 7279  |
| 0.2  | 0.0  | 2073  |
| 4.0  | 2.2  | 6342  |
| 48.1 | 51.0 | 1955  |
| 1.0  | 0.9  | 2652  |
| 40.5 | 26.3 | 3938  |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 82    |
| 1.0  | 0.0  | 97    |
| 0.0  | 0.0  | 81    |
| 0.0  | 0.0  | 82    |
| 4.8  | 3.2  | 98    |
| 0.0  | 0.0  | 82    |
| 0.0  | 1.1  | 97    |
| 0.0  | 0.0  | 82    |
| 1.8  | 0.0  | 104   |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 81    |
| 0.0  | 0.0  | 82    |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 82    |
| 0.0  | 6.5  | 97    |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 82    |
| 11.7 | 1.1  | 97    |
| 0.0  | 0.0  | 81    |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 97    |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 82    |
| 15.2 | 16.3 | 14905 |
| 0.0  | 4.3  | 98    |
| 1.0  | 0.0  | 97    |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 81    |
| 0.0  | 0.0  | 82    |
| 0.1  | 0.0  | 15735 |
| 0.0  | 0.0  | 82    |
| 0.0  | 2.2  | 94    |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 82    |
| 0.3  | 0.0  | 3148  |
| 0.0  | 0.0  | 76    |
| 0.0  | 0.0  | 85    |
| 8.7  | 0.0  | 97    |
| 0.1  | 0.0  | 31111 |
| 0.1  | 0.0  | 756   |
| 1.0  | 1.1  | 93    |
| 1.1  | 0.6  | 11739 |
| 4.0  | 2.4  | 2028  |
| 0.0  | 0.0  | 2602  |
| 1.2  | 0.4  | 2962  |

|      |      |       |
|------|------|-------|
| 0.3  | 0.0  | 3405  |
| 2.2  | 2.2  | 8595  |
| 0.0  | 0.0  | 9509  |
| 4.5  | 3.7  | 8305  |
| 0.1  | 0.0  | 11933 |
| 0.1  | 0.0  | 4279  |
| 0.2  | 0.0  | 3197  |
| 0.1  | 0.0  | 14017 |
| 7.2  | 5.5  | 3289  |
| 0.3  | 0.0  | 2047  |
| 3.6  | 2.1  | 11903 |
| 0.0  | 0.0  | 4559  |
| 9.0  | 7.1  | 15216 |
| 2.8  | 4.5  | 1772  |
| 0.0  | 0.0  | 27839 |
| 8.0  | 5.5  | 6693  |
| 0.0  | 0.0  | 4912  |
| 6.1  | 4.6  | 1537  |
| 0.1  | 0.0  | 9803  |
| 0.1  | 0.0  | 5854  |
| 3.2  | 2.8  | 5641  |
| 0.0  | 0.0  | 6076  |
| 0.1  | 0.0  | 1766  |
| 1.5  | 1.4  | 4657  |
| 0.5  | 0.2  | 2450  |
| 0.2  | 0.1  | 1098  |
| 1.5  | 1.0  | 1492  |
| 2.3  | 3.1  | 2821  |
| 0.1  | 0.1  | 17067 |
| 0.1  | 0.1  | 27129 |
| 0.3  | 0.0  | 11491 |
| 0.6  | 0.7  | 11265 |
| 9.9  | 9.6  | 6039  |
| 2.7  | 3.3  | 5405  |
| 0.1  | 0.0  | 3061  |
| 6.6  | 3.5  | 7782  |
| 0.2  | 0.1  | 10269 |
| 0.4  | 0.0  | 5734  |
| 0.1  | 0.0  | 1756  |
| 12.9 | 10.2 | 1368  |
| 6.8  | 6.2  | 5558  |
| 8.4  | 6.2  | 1841  |
| 6.7  | 4.2  | 4909  |
| 0.9  | 0.2  | 1940  |
| 63.1 | 54.6 | 1853  |
| 0.4  | 0.2  | 2360  |
| 0.2  | 0.0  | 4812  |

|      |       |       |
|------|-------|-------|
| 31.1 | 23.5  | 1918  |
| 0.1  | 0.0   | 1720  |
| 4.2  | 3.5   | 7993  |
| 13.0 | 13.8  | 2360  |
| 0.2  | 0.0   | 1735  |
| 13.1 | 13.1  | 6131  |
| 4.0  | 4.6   | 6314  |
| 0.2  | 0.1   | 802   |
| 0.2  | 0.0   | 4041  |
| 4.0  | 2.8   | 2687  |
| 0.6  | 0.3   | 7857  |
| 4.5  | 3.2   | 12936 |
| 5.4  | 5.1   | 6301  |
| 0.9  | 0.5   | 1249  |
| 0.0  | 0.0   | 512   |
| 0.3  | 0.0   | 4995  |
| 0.1  | 0.0   | 1642  |
| 0.7  | 0.0   | 2696  |
| 0.1  | 0.0   | 930   |
| 0.2  | 0.0   | 924   |
| 1.0  | 0.2   | 954   |
| 7.0  | 8.7   | 876   |
| 12.0 | 13.0  | 1298  |
| 98.9 | 118.4 | 1020  |
| 0.6  | 0.2   | 3558  |
| 1.2  | 0.7   | 2414  |
| 2.1  | 3.6   | 1144  |
| 0.0  | 0.0   | 4936  |
| 0.1  | 0.0   | 6687  |
| 0.1  | 0.4   | 2515  |
| 0.1  | 0.0   | 8321  |
| 0.1  | 0.0   | 3290  |
| 5.4  | 2.6   | 1776  |
| 3.3  | 2.8   | 2722  |
| 1.7  | 0.7   | 4610  |
| 0.8  | 0.3   | 3620  |
| 0.1  | 0.0   | 5607  |
| 2.4  | 3.0   | 6228  |
| 2.7  | 1.3   | 4628  |
| 4.9  | 2.0   | 22290 |
| 0.0  | 0.0   | 9597  |
| 0.1  | 0.0   | 3659  |
| 4.6  | 3.6   | 5187  |
| 7.1  | 8.0   | 2441  |
| 0.0  | 0.0   | 336   |
| 49.1 | 41.8  | 2091  |
| 8.1  | 5.9   | 4099  |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 1665  |
| 6.5  | 7.1  | 2061  |
| 7.2  | 3.3  | 2509  |
| 7.8  | 6.7  | 2575  |
| 5.3  | 1.8  | 1639  |
| 13.9 | 13.7 | 1682  |
| 5.8  | 6.0  | 902   |
| 52.6 | 41.5 | 1143  |
| 5.0  | 3.7  | 2320  |
| 0.9  | 0.6  | 822   |
| 0.0  | 0.0  | 3412  |
| 4.3  | 5.5  | 1490  |
| 0.0  | 0.0  | 5267  |
| 0.0  | 0.0  | 12546 |
| 3.6  | 3.5  | 11500 |
| 16.5 | 26.5 | 1357  |
| 2.0  | 0.8  | 10710 |
| 6.5  | 4.5  | 4962  |
| 0.0  | 0.0  | 1168  |
| 1.0  | 1.0  | 1938  |
| 3.7  | 0.9  | 2430  |
| 5.9  | 6.0  | 19246 |
| 0.1  | 0.0  | 6428  |
| 0.1  | 0.0  | 4307  |
| 0.2  | 0.2  | 5343  |
| 10.7 | 15.7 | 5389  |
| 3.1  | 2.2  | 1646  |
| 0.2  | 0.3  | 6208  |
| 10.1 | 13.0 | 7385  |
| 22.1 | 18.9 | 4515  |
| 0.0  | 0.0  | 4186  |
| 35.3 | 48.2 | 2166  |
| 6.4  | 6.4  | 2935  |
| 1.3  | 0.5  | 5605  |
| 1.3  | 0.3  | 1126  |
| 0.3  | 0.0  | 3438  |
| 7.2  | 3.0  | 1512  |
| 0.1  | 0.0  | 5004  |
| 0.2  | 0.0  | 4527  |
| 0.0  | 0.0  | 494   |
| 0.1  | 0.0  | 1991  |
| 0.9  | 2.1  | 2549  |
| 3.5  | 2.7  | 735   |
| 5.0  | 3.1  | 2572  |
| 0.4  | 1.9  | 1124  |
| 4.9  | 4.5  | 2080  |
| 0.5  | 0.3  | 3314  |

|      |      |       |
|------|------|-------|
| 11.3 | 5.7  | 2798  |
| 0.5  | 0.8  | 2255  |
| 14.4 | 12.0 | 2096  |
| 8.5  | 8.2  | 2952  |
| 3.3  | 2.4  | 1641  |
| 1.2  | 0.5  | 1469  |
| 0.5  | 0.6  | 2357  |
| 0.0  | 0.0  | 2437  |
| 3.1  | 1.5  | 1880  |
| 5.0  | 2.2  | 1632  |
| 3.8  | 5.7  | 2174  |
| 2.4  | 3.9  | 1814  |
| 8.4  | 5.2  | 1585  |
| 2.2  | 1.9  | 1290  |
| 17.4 | 12.3 | 1205  |
| 1.2  | 0.0  | 843   |
| 0.0  | 0.0  | 10155 |
| 0.1  | 0.0  | 2837  |
| 38.5 | 43.9 | 2375  |
| 3.3  | 1.4  | 1682  |
| 0.3  | 0.0  | 4223  |
| 34.2 | 17.2 | 17105 |
| 18.6 | 10.1 | 6428  |
| 1.6  | 0.3  | 3463  |
| 28.8 | 25.8 | 3606  |
| 0.1  | 0.0  | 5084  |
| 11.8 | 7.5  | 4884  |
| 13.9 | 13.9 | 6739  |
| 12.2 | 9.6  | 9333  |
| 0.8  | 1.2  | 1712  |
| 13.1 | 12.7 | 7500  |
| 0.1  | 0.0  | 3598  |
| 0.0  | 0.0  | 613   |
| 7.0  | 11.9 | 2003  |
| 0.4  | 0.0  | 1907  |
| 0.6  | 0.0  | 294   |
| 16.1 | 21.2 | 2250  |
| 10.8 | 10.8 | 4853  |
| 2.0  | 0.0  | 94    |
| 4.4  | 3.4  | 41798 |
| 0.5  | 0.3  | 5537  |
| 8.9  | 3.7  | 6367  |
| 0.1  | 0.0  | 3037  |
| 0.0  | 0.0  | 1144  |
| 0.5  | 0.0  | 1248  |
| 13.3 | 10.2 | 3105  |
| 0.1  | 0.0  | 2310  |



|       |       |       |
|-------|-------|-------|
| 2.0   | 1.7   | 5738  |
| 3.0   | 3.2   | 5431  |
| 0.4   | 0.0   | 1577  |
| 176.9 | 160.0 | 1618  |
| 0.1   | 0.0   | 1390  |
| 0.0   | 2.2   | 94    |
| 3.0   | 8.9   | 94    |
| 0.3   | 0.0   | 15580 |
| 4.0   | 3.3   | 94    |
| 0.0   | 0.0   | 94    |
| 5.0   | 1.1   | 94    |
| 0.1   | 0.0   | 1387  |
| 6.0   | 0.0   | 94    |
| 3.0   | 2.2   | 94    |
| 1.0   | 0.0   | 94    |
| 1.0   | 0.0   | 94    |
| 2.0   | 0.0   | 94    |
| 9.0   | 17.8  | 94    |
| 2.0   | 2.2   | 94    |
| 1.9   | 3.2   | 98    |
| 2.0   | 0.0   | 94    |
| 7.0   | 0.0   | 94    |
| 0.0   | 0.0   | 1539  |
| 0.5   | 0.4   | 24835 |
| 5.5   | 2.5   | 1357  |
| 11.0  | 19.6  | 3440  |
| 7.5   | 3.5   | 2395  |
| 0.2   | 0.0   | 1741  |
| 0.2   | 0.1   | 6840  |
| 6.6   | 4.1   | 2668  |
| 0.8   | 1.9   | 4650  |
| 2.1   | 1.5   | 19484 |
| 3.2   | 2.7   | 3551  |
| 16.4  | 10.5  | 3560  |
| 1.2   | 0.2   | 5445  |
| 2.2   | 1.9   | 9260  |
| 1.4   | 1.0   | 5626  |
| 28.7  | 27.3  | 6564  |
| 3.4   | 1.5   | 5222  |
| 1.2   | 1.1   | 5077  |
| 1.6   | 0.9   | 5024  |
| 0.7   | 0.5   | 4675  |
| 13.6  | 7.8   | 8788  |
| 5.6   | 3.0   | 4463  |
| 3.7   | 2.8   | 9658  |
| 7.7   | 8.6   | 10743 |
| 0.0   | 0.0   | 71    |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 74    |
| 2.9  | 2.3  | 5685  |
| 0.1  | 0.0  | 3698  |
| 2.5  | 0.9  | 3339  |
| 0.0  | 0.0  | 33373 |
| 0.0  | 0.0  | 76    |
| 0.0  | 0.0  | 53    |
| 1.8  | 0.3  | 6404  |
| 38.1 | 36.0 | 1772  |
| 0.6  | 0.2  | 2298  |
| 0.0  | 0.0  | 33    |
| 9.7  | 9.4  | 5993  |
| 0.1  | 0.0  | 3544  |
| 2.3  | 1.2  | 9709  |
| 0.1  | 0.0  | 1691  |
| 1.0  | 1.3  | 5659  |
| 9.3  | 9.0  | 8089  |
| 0.1  | 0.3  | 2079  |
| 3.9  | 1.3  | 2459  |
| 0.0  | 0.0  | 4491  |
| 6.4  | 2.3  | 3589  |
| 16.0 | 16.3 | 2865  |
| 5.6  | 4.6  | 923   |
| 3.6  | 3.4  | 6817  |
| 0.2  | 0.2  | 54854 |
| 6.5  | 1.9  | 3291  |
| 0.0  | 0.0  | 9434  |
| 3.2  | 4.5  | 1405  |
| 8.2  | 5.3  | 5845  |
| 3.5  | 3.9  | 7998  |
| 0.2  | 0.0  | 6468  |
| 0.0  | 0.0  | 2964  |
| 14.6 | 13.4 | 6641  |
| 5.9  | 5.0  | 6704  |
| 0.0  | 0.0  | 1526  |
| 0.2  | 0.0  | 1798  |
| 9.2  | 5.2  | 7757  |
| 0.6  | 0.3  | 1240  |
| 0.4  | 0.2  | 2101  |
| 7.1  | 7.3  | 2035  |
| 0.1  | 0.0  | 2413  |
| 1.4  | 0.9  | 3958  |
| 0.1  | 0.0  | 8522  |
| 5.3  | 6.1  | 7865  |
| 0.0  | 0.0  | 1587  |
| 23.3 | 18.8 | 1820  |
| 6.8  | 2.5  | 13331 |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 16776 |
| 5.0  | 3.5  | 9121  |
| 0.2  | 0.0  | 3756  |
| 0.3  | 0.0  | 2360  |
| 0.0  | 0.0  | 810   |
| 0.0  | 0.0  | 1438  |
| 13.1 | 7.8  | 6111  |
| 1.7  | 1.3  | 5492  |
| 7.9  | 4.4  | 2484  |
| 3.6  | 3.0  | 5135  |
| 0.1  | 0.1  | 1607  |
| 7.1  | 5.4  | 3204  |
| 0.3  | 0.0  | 1964  |
| 14.3 | 10.9 | 2473  |
| 7.3  | 3.4  | 3443  |
| 0.3  | 0.0  | 2048  |
| 0.3  | 0.0  | 986   |
| 18.9 | 16.1 | 1041  |
| 18.4 | 15.9 | 2051  |
| 0.1  | 0.0  | 960   |
| 2.1  | 1.4  | 3761  |
| 7.0  | 5.0  | 9426  |
| 10.4 | 5.9  | 1550  |
| 0.4  | 0.0  | 930   |
| 0.2  | 0.0  | 2317  |
| 4.6  | 1.7  | 3876  |
| 4.0  | 4.6  | 8140  |
| 0.7  | 0.5  | 7425  |
| 9.1  | 15.3 | 15534 |
| 0.3  | 0.1  | 817   |
| 0.1  | 0.0  | 1369  |
| 0.2  | 0.4  | 2087  |
| 0.4  | 0.0  | 933   |
| 4.9  | 4.9  | 17696 |
| 6.6  | 5.4  | 13847 |
| 2.1  | 1.9  | 6812  |
| 6.0  | 4.7  | 4544  |
| 0.2  | 0.0  | 12815 |
| 0.8  | 0.8  | 4153  |
| 6.6  | 3.9  | 8787  |
| 4.4  | 4.7  | 5507  |
| 0.0  | 0.0  | 2794  |
| 0.8  | 0.0  | 699   |
| 0.2  | 0.0  | 1193  |
| 0.3  | 0.2  | 614   |
| 0.0  | 0.0  | 815   |
| 0.0  | 0.0  | 2353  |

|       |        |       |
|-------|--------|-------|
| 2.6   | 3.2    | 6355  |
| 0.2   | 0.1    | 10966 |
| 0.0   | 0.1    | 3765  |
| 0.2   | 0.0    | 1114  |
| 0.1   | 0.0    | 11408 |
| 4.5   | 3.7    | 3581  |
| 0.5   | 0.6    | 2703  |
| 0.1   | 0.0    | 6335  |
| 26.8  | 22.6   | 4071  |
| 20.5  | 26.2   | 14294 |
| 0.2   | 0.0    | 2740  |
| 14.7  | 13.1   | 3149  |
| 19.1  | 15.7   | 2774  |
| 42.8  | 48.7   | 1723  |
| 1.7   | 1.1    | 5411  |
| 8.1   | 8.1    | 1628  |
| 0.9   | 0.2    | 2706  |
| 0.0   | 0.0    | 4758  |
| 2.3   | 1.1    | 1191  |
| 12.8  | 10.6   | 1105  |
| 15.6  | 14.3   | 926   |
| 12.1  | 12.2   | 2110  |
| 7.3   | 11.7   | 984   |
| 10.7  | 6.8    | 1174  |
| 0.9   | 0.1    | 1040  |
| 0.1   | 0.0    | 12254 |
| 0.1   | 0.0    | 12221 |
| 0.2   | 0.0    | 9406  |
| 0.1   | 0.0    | 7866  |
| 0.1   | 0.1    | 7687  |
| 0.1   | 0.1    | 12299 |
| 0.1   | 0.0    | 7979  |
| 0.2   | 0.0    | 7735  |
| 0.1   | 0.0    | 7850  |
| 0.0   | 0.0    | 7669  |
| 0.2   | 0.0    | 7591  |
| 0.1   | 0.0    | 7705  |
| 1.3   | 0.2    | 12372 |
| 972.7 | 1120.5 | 549   |
| 0.0   | 0.0    | 591   |
| 0.4   | 0.1    | 2894  |
| 11.0  | 7.0    | 6947  |
| 8.0   | 3.7    | 1438  |
| 18.6  | 13.7   | 1888  |
| 69.2  | 56.2   | 1104  |
| 0.0   | 0.0    | 1046  |
| 0.0   | 0.0    | 415   |

|       |       |      |
|-------|-------|------|
| 0.4   | 0.0   | 3617 |
| 0.4   | 0.1   | 4918 |
| 544.7 | 361.5 | 829  |
| 1.9   | 2.0   | 1627 |
| 14.3  | 13.2  | 3853 |
| 1.7   | 2.4   | 3044 |
| 0.1   | 0.2   | 1369 |
| 0.1   | 0.0   | 3137 |
| 11.8  | 6.9   | 2250 |
| 1.4   | 4.5   | 1745 |
| 2.1   | 3.9   | 968  |
| 2.8   | 2.8   | 1437 |
| 2.5   | 1.3   | 3664 |
| 1.6   | 0.9   | 4292 |
| 10.6  | 24.2  | 345  |
| 0.2   | 0.0   | 2279 |
| 133.3 | 213.1 | 491  |
| 1.3   | 0.5   | 3839 |
| 16.2  | 14.5  | 1495 |
| 3.0   | 1.7   | 1410 |
| 3.6   | 1.2   | 3080 |
| 1.5   | 0.9   | 2207 |
| 6.7   | 2.2   | 5620 |
| 0.1   | 0.0   | 4314 |
| 0.0   | 0.0   | 939  |
| 2.3   | 1.5   | 1825 |
| 0.0   | 0.0   | 1111 |
| 3.9   | 2.5   | 4172 |
| 19.3  | 16.7  | 1156 |
| 2.9   | 0.9   | 1784 |
| 3.5   | 2.6   | 2683 |
| 0.8   | 0.5   | 4675 |
| 13.4  | 8.1   | 1782 |
| 11.6  | 7.7   | 4344 |
| 0.2   | 0.0   | 1673 |
| 4.4   | 4.3   | 2261 |
| 17.1  | 10.5  | 2445 |
| 9.2   | 5.9   | 2391 |
| 8.7   | 4.4   | 2627 |
| 17.9  | 12.5  | 4324 |
| 0.2   | 0.0   | 4527 |
| 0.0   | 0.0   | 2345 |
| 0.4   | 0.1   | 1899 |
| 0.0   | 0.0   | 499  |
| 0.0   | 0.0   | 384  |
| 0.5   | 0.0   | 3271 |
| 0.3   | 0.2   | 3485 |

|       |       |       |
|-------|-------|-------|
| 0.5   | 0.2   | 2793  |
| 0.4   | 0.2   | 2661  |
| 0.6   | 0.0   | 4827  |
| 0.6   | 0.0   | 2534  |
| 0.2   | 0.2   | 2733  |
| 0.2   | 0.0   | 3173  |
| 0.3   | 0.2   | 3621  |
| 0.4   | 0.1   | 2925  |
| 0.1   | 0.0   | 3030  |
| 0.2   | 0.0   | 3715  |
| 0.1   | 0.1   | 7170  |
| 0.0   | 0.0   | 12306 |
| 0.2   | 0.0   | 7406  |
| 0.0   | 0.0   | 7074  |
| 0.1   | 0.0   | 7447  |
| 0.1   | 0.0   | 7095  |
| 0.3   | 0.0   | 7131  |
| 0.1   | 0.1   | 7044  |
| 0.1   | 0.0   | 7062  |
| 0.3   | 0.1   | 7326  |
| 0.2   | 0.0   | 1099  |
| 83.4  | 85.2  | 1843  |
| 0.0   | 0.0   | 1107  |
| 0.0   | 0.0   | 1258  |
| 0.3   | 0.0   | 617   |
| 0.0   | 0.0   | 1632  |
| 0.1   | 0.0   | 2586  |
| 4.6   | 2.3   | 2048  |
| 18.1  | 15.3  | 1639  |
| 0.1   | 0.0   | 2987  |
| 3.3   | 1.5   | 1465  |
| 19.1  | 13.9  | 1013  |
| 5.5   | 4.1   | 5833  |
| 18.3  | 13.5  | 2942  |
| 10.4  | 12.7  | 860   |
| 0.2   | 0.3   | 1950  |
| 3.1   | 1.1   | 3509  |
| 0.0   | 0.0   | 2018  |
| 15.3  | 12.9  | 793   |
| 0.7   | 0.3   | 2391  |
| 6.4   | 4.3   | 2336  |
| 8.1   | 8.6   | 788   |
| 2.0   | 0.7   | 1964  |
| 0.1   | 0.6   | 1688  |
| 44.0  | 31.8  | 1234  |
| 6.7   | 5.5   | 3165  |
| 179.4 | 186.6 | 136   |

|        |        |      |
|--------|--------|------|
| 24.5   | 32.0   | 535  |
| 7.9    | 6.7    | 2561 |
| 0.1    | 0.0    | 1548 |
| 0.1    | 0.0    | 1112 |
| 745.0  | 483.1  | 134  |
| 0.3    | 0.1    | 2551 |
| 16.0   | 7.2    | 2758 |
| 15.5   | 15.6   | 3011 |
| 11.7   | 15.6   | 1441 |
| 0.0    | 0.0    | 819  |
| 0.4    | 1.2    | 896  |
| 4.6    | 3.3    | 2876 |
| 0.0    | 0.0    | 1041 |
| 6.9    | 8.2    | 2931 |
| 62.7   | 50.0   | 1622 |
| 0.1    | 0.0    | 1548 |
| 14.4   | 6.9    | 1989 |
| 0.1    | 0.0    | 2606 |
| 0.4    | 0.2    | 2149 |
| 3.4    | 3.7    | 1995 |
| 6.2    | 6.8    | 3888 |
| 15.7   | 11.2   | 2490 |
| 0.1    | 0.2    | 1257 |
| 0.4    | 0.0    | 975  |
| 12.6   | 9.2    | 1847 |
| 0.2    | 0.0    | 1249 |
| 32.8   | 17.2   | 651  |
| 0.2    | 0.0    | 7287 |
| 3.0    | 2.3    | 2222 |
| 9.1    | 5.9    | 2990 |
| 1.8    | 1.8    | 934  |
| 12.3   | 9.1    | 3908 |
| 2.9    | 3.9    | 1072 |
| 1715.1 | 2166.0 | 156  |
| 5.1    | 4.0    | 1305 |
| 10.1   | 8.0    | 4568 |
| 8.3    | 6.1    | 2891 |
| 323.1  | 351.4  | 1581 |
| 0.9    | 0.9    | 6216 |
| 8.3    | 2.5    | 790  |
| 0.0    | 0.0    | 2066 |
| 12.9   | 11.1   | 960  |
| 0.0    | 0.0    | 1909 |
| 47.0   | 45.6   | 1464 |
| 6.7    | 3.5    | 1268 |
| 0.3    | 0.0    | 2566 |
| 0.0    | 0.6    | 683  |

|      |       |      |
|------|-------|------|
| 0.0  | 0.0   | 638  |
| 3.9  | 3.3   | 1684 |
| 0.0  | 0.0   | 502  |
| 20.1 | 15.3  | 2454 |
| 0.8  | 0.4   | 1217 |
| 0.2  | 0.3   | 5262 |
| 0.1  | 0.0   | 1480 |
| 64.1 | 304.5 | 119  |
| 0.0  | 0.4   | 582  |
| 10.9 | 4.4   | 5292 |
| 44.5 | 47.0  | 2164 |
| 2.4  | 2.9   | 1906 |
| 0.3  | 0.0   | 1842 |
| 0.0  | 0.0   | 1726 |
| 3.5  | 3.6   | 1064 |
| 10.3 | 12.5  | 2166 |
| 2.8  | 1.1   | 2129 |
| 1.4  | 1.1   | 2635 |
| 2.9  | 1.9   | 1875 |
| 0.2  | 0.1   | 2558 |
| 0.0  | 0.0   | 1027 |
| 7.1  | 4.5   | 4283 |
| 7.3  | 3.2   | 1842 |
| 0.1  | 0.0   | 2216 |
| 0.0  | 0.0   | 2355 |
| 3.3  | 1.5   | 4128 |
| 2.7  | 1.7   | 3008 |
| 0.0  | 0.0   | 403  |
| 12.7 | 9.5   | 1986 |
| 0.0  | 0.0   | 1297 |
| 9.6  | 11.9  | 2453 |
| 4.0  | 1.8   | 2121 |
| 2.8  | 2.0   | 3204 |
| 0.1  | 0.0   | 2463 |
| 17.9 | 15.8  | 1775 |
| 0.0  | 0.0   | 1731 |
| 15.0 | 19.8  | 869  |
| 43.9 | 45.6  | 2967 |
| 0.1  | 0.0   | 8991 |
| 0.1  | 0.1   | 7092 |
| 0.2  | 0.1   | 7023 |
| 0.3  | 0.0   | 7038 |
| 0.1  | 0.0   | 7041 |
| 0.2  | 0.0   | 6990 |
| 0.1  | 0.0   | 7062 |
| 0.3  | 0.0   | 7035 |
| 0.3  | 0.4   | 1754 |



|       |       |       |
|-------|-------|-------|
| 0.1   | 0.1   | 9846  |
| 0.0   | 0.0   | 7239  |
| 0.1   | 0.0   | 7278  |
| 2.6   | 1.7   | 8214  |
| 5.2   | 3.9   | 1892  |
| 2.2   | 1.6   | 16167 |
| 13.7  | 14.1  | 2350  |
| 0.1   | 0.0   | 7098  |
| 0.2   | 0.0   | 3771  |
| 0.3   | 0.2   | 2593  |
| 42.1  | 44.1  | 2568  |
| 8.6   | 3.6   | 1377  |
| 0.2   | 0.0   | 5858  |
| 18.8  | 11.7  | 3849  |
| 60.0  | 56.8  | 11918 |
| 7.7   | 2.4   | 8143  |
| 117.1 | 124.8 | 736   |
| 181.0 | 112.6 | 651   |
| 0.5   | 0.1   | 1435  |
| 0.4   | 0.1   | 1867  |
| 10.9  | 11.3  | 2761  |
| 7.2   | 5.9   | 4362  |
| 0.5   | 0.5   | 576   |
| 0.3   | 0.0   | 4298  |
| 0.1   | 0.1   | 5143  |
| 0.6   | 0.3   | 3897  |
| 11.9  | 5.6   | 3033  |
| 0.2   | 0.0   | 2814  |
| 4.5   | 3.7   | 8359  |
| 0.1   | 0.0   | 5006  |
| 2.4   | 2.6   | 5063  |
| 8.2   | 6.5   | 5252  |
| 2.6   | 2.5   | 5411  |
| 0.1   | 0.0   | 1470  |
| 1.6   | 0.8   | 2823  |
| 0.1   | 0.0   | 2516  |
| 2.0   | 1.9   | 4797  |
| 23.7  | 20.4  | 2580  |
| 5.3   | 1.7   | 6283  |
| 0.1   | 0.0   | 3408  |
| 12.3  | 10.0  | 4256  |
| 0.3   | 0.0   | 1100  |
| 7.4   | 5.3   | 7109  |
| 8.4   | 8.1   | 4581  |
| 0.2   | 0.7   | 5044  |
| 0.7   | 0.3   | 1566  |
| 0.0   | 0.0   | 8291  |

|      |      |       |
|------|------|-------|
| 37.3 | 40.9 | 1215  |
| 4.8  | 2.9  | 5302  |
| 0.3  | 0.1  | 10818 |
| 2.0  | 2.3  | 3785  |
| 1.4  | 0.9  | 3556  |
| 0.4  | 0.2  | 7336  |
| 0.5  | 0.4  | 4771  |
| 9.0  | 6.2  | 2657  |
| 2.8  | 1.4  | 3691  |
| 0.0  | 0.0  | 5798  |
| 14.8 | 12.1 | 1975  |
| 5.5  | 2.7  | 5202  |
| 1.0  | 0.6  | 2060  |
| 0.2  | 0.0  | 2335  |
| 16.2 | 12.2 | 3747  |
| 2.7  | 1.5  | 2350  |
| 0.0  | 0.0  | 924   |
| 0.6  | 0.5  | 2887  |
| 16.3 | 15.2 | 2371  |
| 3.2  | 1.7  | 12480 |
| 1.3  | 2.3  | 7084  |
| 7.4  | 2.9  | 10943 |
| 2.9  | 1.7  | 5828  |
| 0.2  | 0.0  | 4449  |
| 4.4  | 9.8  | 1657  |
| 7.6  | 7.1  | 11974 |
| 13.0 | 7.3  | 24754 |
| 0.5  | 0.2  | 5674  |
| 0.3  | 0.1  | 2206  |
| 0.9  | 0.7  | 4686  |
| 12.0 | 10.7 | 2338  |
| 0.7  | 0.3  | 3024  |
| 1.6  | 1.0  | 6480  |
| 66.3 | 62.9 | 7889  |
| 4.5  | 2.4  | 5849  |
| 0.9  | 0.8  | 3898  |
| 0.0  | 0.0  | 2320  |
| 0.1  | 0.0  | 10745 |
| 0.0  | 0.0  | 5171  |
| 0.8  | 0.4  | 5294  |
| 0.5  | 0.1  | 3634  |
| 3.9  | 1.0  | 15292 |
| 13.8 | 12.5 | 2682  |
| 4.1  | 3.2  | 1136  |
| 4.6  | 1.9  | 1108  |
| 3.8  | 2.7  | 4273  |
| 26.0 | 22.5 | 2318  |

|      |      |       |
|------|------|-------|
| 7.5  | 3.6  | 9038  |
| 8.9  | 8.9  | 1641  |
| 3.7  | 2.8  | 9573  |
| 9.3  | 10.6 | 1325  |
| 0.4  | 0.1  | 6860  |
| 0.1  | 0.0  | 2737  |
| 6.3  | 6.1  | 11621 |
| 0.6  | 0.0  | 2350  |
| 1.8  | 1.7  | 5808  |
| 5.8  | 3.2  | 3952  |
| 0.6  | 0.3  | 3277  |
| 1.3  | 0.8  | 5058  |
| 0.0  | 0.0  | 3069  |
| 5.2  | 4.3  | 4660  |
| 0.2  | 0.9  | 2037  |
| 4.8  | 3.1  | 4318  |
| 6.4  | 5.8  | 9477  |
| 11.0 | 11.7 | 3023  |
| 7.6  | 6.6  | 2069  |
| 0.0  | 0.0  | 6288  |
| 1.5  | 0.6  | 10091 |
| 17.8 | 15.2 | 5742  |
| 23.6 | 19.3 | 6069  |
| 25.7 | 21.9 | 4549  |
| 15.4 | 9.7  | 4035  |
| 0.1  | 0.2  | 1034  |
| 0.7  | 0.8  | 3564  |
| 20.6 | 20.3 | 1783  |
| 4.5  | 5.1  | 7381  |
| 1.9  | 1.2  | 5642  |
| 4.1  | 3.5  | 2114  |
| 0.3  | 0.0  | 2879  |
| 0.5  | 0.0  | 1580  |
| 2.0  | 1.1  | 6638  |
| 1.2  | 1.0  | 3589  |
| 0.8  | 0.4  | 8633  |
| 0.7  | 0.1  | 4199  |
| 0.8  | 0.1  | 1624  |
| 0.1  | 0.1  | 9048  |
| 0.0  | 0.0  | 3982  |
| 0.0  | 0.0  | 3977  |
| 5.0  | 3.6  | 10966 |
| 3.3  | 2.4  | 4148  |
| 0.0  | 0.0  | 14055 |
| 0.1  | 0.2  | 1149  |
| 0.6  | 0.6  | 1843  |
| 2.2  | 2.7  | 2398  |

|       |       |       |
|-------|-------|-------|
| 0.1   | 0.0   | 1549  |
| 0.1   | 0.0   | 2717  |
| 0.1   | 0.0   | 5985  |
| 0.1   | 0.0   | 9319  |
| 0.3   | 0.0   | 5210  |
| 1.9   | 0.4   | 18730 |
| 40.8  | 31.3  | 821   |
| 705.8 | 607.8 | 1142  |
| 369.2 | 315.8 | 529   |
| 352.9 | 429.7 | 514   |
| 87.7  | 55.0  | 583   |
| 0.0   | 0.0   | 1882  |
| 0.4   | 0.6   | 1681  |
| 3.4   | 2.2   | 1949  |
| 1.1   | 1.1   | 967   |
| 44.6  | 38.8  | 708   |
| 0.5   | 0.1   | 5130  |
| 0.3   | 0.2   | 4700  |
| 0.2   | 0.0   | 2760  |
| 4.2   | 1.4   | 4220  |
| 0.5   | 0.1   | 11661 |
| 5.1   | 1.7   | 4988  |
| 0.1   | 0.0   | 3176  |
| 5.6   | 3.9   | 7557  |
| 8.9   | 8.6   | 8150  |
| 2.9   | 2.6   | 3081  |
| 5.7   | 4.8   | 8379  |
| 1.7   | 1.2   | 6255  |
| 1.9   | 0.9   | 4188  |
| 1.3   | 0.4   | 4772  |
| 0.0   | 0.0   | 4483  |
| 3.4   | 3.4   | 2997  |
| 0.5   | 0.3   | 6454  |
| 2.0   | 2.8   | 1115  |
| 9.6   | 9.6   | 2332  |
| 0.2   | 0.0   | 1296  |
| 0.2   | 0.0   | 430   |
| 0.5   | 0.0   | 3095  |
| 0.4   | 0.1   | 2133  |
| 4.8   | 3.9   | 2929  |
| 2.7   | 0.9   | 7998  |
| 0.2   | 0.0   | 4739  |
| 13.7  | 19.9  | 10491 |
| 0.0   | 0.0   | 859   |
| 0.9   | 1.1   | 1488  |
| 0.0   | 0.0   | 829   |
| 0.7   | 1.2   | 904   |

|       |      |        |
|-------|------|--------|
| 1.4   | 0.9  | 16902  |
| 0.2   | 0.3  | 3114   |
| 1.7   | 0.5  | 3398   |
| 0.0   | 0.0  | 1969   |
| 2.5   | 2.6  | 1939   |
| 5.5   | 7.4  | 1719   |
| 0.1   | 0.0  | 4223   |
| 2.7   | 0.8  | 1016   |
| 1.0   | 0.8  | 132492 |
| 3.7   | 3.0  | 15763  |
| 10.6  | 11.9 | 7529   |
| 16.6  | 13.1 | 8327   |
| 3.2   | 2.5  | 14655  |
| 0.2   | 0.0  | 2187   |
| 1.1   | 0.9  | 2233   |
| 0.0   | 0.0  | 1205   |
| 0.1   | 0.1  | 2615   |
| 0.1   | 0.0  | 2675   |
| 0.8   | 0.0  | 2725   |
| 2.4   | 1.7  | 14254  |
| 5.1   | 3.8  | 2255   |
| 101.0 | 82.0 | 5032   |
| 0.7   | 0.5  | 8691   |
| 0.1   | 0.0  | 8559   |
| 24.8  | 21.1 | 2310   |
| 0.0   | 0.2  | 3800   |
| 3.0   | 3.0  | 4177   |
| 0.0   | 0.0  | 3952   |
| 13.7  | 18.1 | 1332   |
| 40.2  | 38.0 | 560    |
| 6.3   | 2.6  | 2678   |
| 0.0   | 0.0  | 702    |
| 0.4   | 0.2  | 2802   |
| 10.4  | 12.8 | 12227  |
| 3.3   | 1.4  | 4859   |
| 3.1   | 2.8  | 6124   |
| 0.6   | 0.1  | 3461   |
| 3.2   | 1.8  | 3143   |
| 34.7  | 22.6 | 4292   |
| 0.6   | 0.1  | 11825  |
| 0.0   | 0.0  | 1920   |
| 0.1   | 0.0  | 5550   |
| 0.5   | 0.0  | 3691   |
| 0.5   | 0.2  | 87934  |
| 0.4   | 0.0  | 744    |
| 0.0   | 0.0  | 1080   |
| 0.1   | 0.1  | 10368  |

|      |      |       |
|------|------|-------|
| 2.1  | 0.9  | 5558  |
| 0.0  | 0.0  | 817   |
| 0.3  | 0.0  | 682   |
| 1.3  | 0.1  | 1851  |
| 0.2  | 0.6  | 1416  |
| 0.8  | 0.1  | 2009  |
| 0.3  | 0.2  | 1403  |
| 3.3  | 1.9  | 4656  |
| 0.9  | 0.9  | 2986  |
| 0.3  | 0.0  | 1008  |
| 0.8  | 1.1  | 369   |
| 43.9 | 81.1 | 538   |
| 0.2  | 0.4  | 6245  |
| 5.1  | 5.4  | 2203  |
| 3.8  | 1.4  | 2150  |
| 0.3  | 0.2  | 11784 |
| 0.0  | 0.0  | 1999  |
| 1.7  | 0.6  | 1911  |
| 0.3  | 0.0  | 875   |
| 31.5 | 24.1 | 10391 |
| 0.2  | 0.0  | 2686  |
| 0.8  | 0.0  | 1436  |
| 0.0  | 0.0  | 966   |
| 0.0  | 0.0  | 2454  |
| 2.5  | 2.2  | 1569  |
| 0.3  | 0.0  | 1883  |
| 41.5 | 43.5 | 7390  |
| 1.1  | 0.5  | 3160  |
| 1.6  | 1.0  | 960   |
| 0.0  | 0.1  | 6300  |
| 0.1  | 0.0  | 2392  |
| 0.1  | 0.0  | 2063  |
| 0.8  | 0.6  | 5795  |
| 0.8  | 0.2  | 2018  |
| 0.0  | 0.0  | 751   |
| 4.5  | 4.6  | 9742  |
| 0.2  | 0.0  | 5788  |
| 0.2  | 0.0  | 5305  |
| 1.2  | 1.0  | 26829 |
| 0.5  | 0.2  | 1755  |
| 1.1  | 1.3  | 1185  |
| 5.7  | 3.3  | 6293  |
| 25.9 | 21.8 | 8398  |
| 1.4  | 2.8  | 3867  |
| 0.9  | 0.5  | 14035 |
| 0.0  | 0.1  | 9137  |
| 0.1  | 0.1  | 28219 |

|       |       |       |
|-------|-------|-------|
| 3.9   | 2.3   | 21283 |
| 0.0   | 0.0   | 2666  |
| 1.8   | 1.2   | 1238  |
| 0.0   | 0.0   | 2461  |
| 6.7   | 4.2   | 7185  |
| 6.7   | 6.5   | 3023  |
| 0.3   | 0.1   | 2120  |
| 0.0   | 0.0   | 1666  |
| 0.2   | 0.0   | 588   |
| 3.4   | 1.8   | 832   |
| 1.9   | 1.7   | 2237  |
| 0.0   | 0.0   | 3178  |
| 0.0   | 0.1   | 2906  |
| 0.1   | 0.0   | 1696  |
| 6.0   | 3.2   | 3939  |
| 1.8   | 1.7   | 1234  |
| 12.1  | 7.0   | 6961  |
| 10.6  | 10.5  | 16125 |
| 0.2   | 0.0   | 608   |
| 0.2   | 0.0   | 564   |
| 0.2   | 0.0   | 564   |
| 42.7  | 32.6  | 3217  |
| 0.0   | 0.0   | 643   |
| 0.3   | 0.4   | 561   |
| 1.1   | 0.0   | 354   |
| 0.0   | 0.6   | 564   |
| 0.9   | 0.7   | 21769 |
| 7.9   | 5.3   | 6839  |
| 0.0   | 0.0   | 564   |
| 0.0   | 0.4   | 834   |
| 0.3   | 0.1   | 13920 |
| 0.0   | 0.0   | 527   |
| 3.4   | 3.8   | 3399  |
| 6.3   | 3.2   | 11173 |
| 0.3   | 0.0   | 3196  |
| 0.2   | 0.2   | 564   |
| 165.5 | 152.1 | 1235  |
| 84.7  | 75.3  | 4355  |
| 3.9   | 2.1   | 16338 |
| 8.4   | 6.6   | 3008  |
| 1.3   | 0.4   | 11529 |
| 6.4   | 3.3   | 10264 |
| 49.0  | 71.3  | 6549  |
| 4.6   | 5.2   | 13316 |
| 14.6  | 15.6  | 4410  |
| 48.8  | 35.2  | 1297  |
| 12.7  | 5.8   | 5704  |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 4704  |
| 0.0  | 0.0  | 43173 |
| 0.3  | 0.4  | 2384  |
| 30.3 | 23.7 | 11305 |
| 0.3  | 0.3  | 1494  |
| 5.3  | 2.1  | 11579 |
| 10.3 | 14.8 | 2770  |
| 0.1  | 0.0  | 4911  |
| 0.1  | 0.0  | 11553 |
| 0.0  | 0.0  | 2294  |
| 3.0  | 3.2  | 2360  |
| 0.6  | 0.2  | 9170  |
| 4.7  | 3.6  | 14136 |
| 0.0  | 0.1  | 4144  |
| 2.3  | 0.9  | 6612  |
| 0.1  | 0.0  | 3670  |
| 25.4 | 28.6 | 3449  |
| 0.2  | 0.0  | 1626  |
| 0.4  | 0.3  | 36174 |
| 2.1  | 0.9  | 13913 |
| 0.7  | 0.5  | 4831  |
| 0.1  | 0.0  | 25345 |
| 42.4 | 33.7 | 1567  |
| 8.3  | 10.7 | 3478  |
| 3.9  | 0.8  | 9068  |
| 0.0  | 0.0  | 12262 |
| 0.1  | 0.0  | 10089 |
| 1.3  | 0.4  | 12186 |
| 5.8  | 5.2  | 2248  |
| 1.2  | 0.8  | 950   |
| 0.0  | 0.0  | 1459  |
| 0.3  | 0.3  | 2493  |
| 2.2  | 1.7  | 1395  |
| 0.8  | 0.8  | 12058 |
| 5.9  | 2.3  | 3417  |
| 12.2 | 6.9  | 6928  |
| 4.2  | 0.9  | 5188  |
| 17.7 | 17.4 | 1508  |
| 3.3  | 3.8  | 1330  |
| 56.7 | 67.0 | 3936  |
| 15.3 | 12.0 | 6081  |
| 0.2  | 0.1  | 4217  |
| 1.4  | 1.5  | 13970 |
| 4.8  | 6.3  | 2753  |
| 0.0  | 0.0  | 2914  |
| 2.6  | 1.7  | 4243  |
| 10.9 | 13.1 | 1378  |



|      |      |       |
|------|------|-------|
| 1.5  | 1.7  | 7303  |
| 6.6  | 9.9  | 1102  |
| 22.5 | 26.0 | 1203  |
| 9.4  | 1.1  | 2024  |
| 0.3  | 0.0  | 2753  |
| 1.1  | 0.2  | 24108 |
| 2.4  | 1.4  | 5155  |
| 0.2  | 0.0  | 2799  |
| 0.1  | 0.0  | 3265  |
| 0.0  | 0.1  | 3534  |
| 1.8  | 1.2  | 4089  |
| 1.8  | 1.9  | 19786 |
| 0.1  | 0.0  | 1798  |
| 0.3  | 0.0  | 3682  |
| 4.9  | 3.9  | 9657  |
| 5.3  | 2.7  | 3463  |
| 6.9  | 6.2  | 6300  |
| 5.8  | 3.6  | 7204  |
| 46.8 | 67.3 | 678   |
| 0.8  | 0.6  | 5010  |
| 19.4 | 19.3 | 2626  |
| 5.1  | 4.4  | 3122  |
| 0.4  | 0.2  | 16226 |
| 6.8  | 4.6  | 12687 |
| 0.8  | 0.3  | 3628  |
| 38.6 | 20.2 | 9616  |
| 0.0  | 0.0  | 4890  |
| 3.3  | 4.1  | 3350  |
| 0.0  | 0.0  | 2857  |
| 0.1  | 0.0  | 1384  |
| 1.1  | 1.7  | 3468  |
| 0.8  | 0.0  | 1728  |
| 0.4  | 0.1  | 5954  |
| 3.2  | 2.7  | 7203  |
| 0.0  | 0.0  | 1589  |
| 0.2  | 0.0  | 2591  |
| 0.0  | 0.1  | 3979  |
| 1.3  | 0.6  | 8564  |
| 17.5 | 24.5 | 1004  |
| 6.1  | 3.8  | 7469  |
| 0.4  | 0.1  | 1869  |
| 0.2  | 0.0  | 4152  |
| 0.6  | 0.2  | 2009  |
| 10.5 | 7.2  | 4029  |
| 1.0  | 0.5  | 4627  |
| 0.0  | 0.0  | 937   |
| 1.4  | 0.5  | 8746  |

|       |       |       |
|-------|-------|-------|
| 8.8   | 8.5   | 2779  |
| 33.6  | 30.8  | 4491  |
| 0.2   | 0.0   | 4756  |
| 1.0   | 0.9   | 2742  |
| 4.0   | 1.3   | 2906  |
| 4.9   | 1.1   | 5268  |
| 0.2   | 0.0   | 11584 |
| 11.9  | 1.9   | 4174  |
| 0.1   | 0.0   | 2632  |
| 7.7   | 1.6   | 7136  |
| 6.1   | 4.4   | 10088 |
| 0.1   | 0.0   | 1238  |
| 0.3   | 0.0   | 4167  |
| 0.1   | 0.0   | 3333  |
| 0.2   | 0.0   | 4147  |
| 26.0  | 24.8  | 6344  |
| 0.0   | 0.1   | 2672  |
| 0.5   | 0.3   | 9537  |
| 103.4 | 75.5  | 1924  |
| 0.5   | 0.0   | 410   |
| 8.2   | 5.2   | 1743  |
| 4.9   | 4.8   | 6054  |
| 26.2  | 24.7  | 2724  |
| 26.6  | 19.2  | 11047 |
| 10.7  | 8.7   | 6851  |
| 2.2   | 1.7   | 3878  |
| 12.0  | 7.5   | 5198  |
| 0.2   | 0.0   | 1286  |
| 0.3   | 0.2   | 6098  |
| 0.3   | 0.2   | 2067  |
| 0.0   | 0.0   | 3382  |
| 6.2   | 7.5   | 2354  |
| 75.2  | 60.4  | 6140  |
| 10.1  | 9.1   | 7454  |
| 0.2   | 0.0   | 1096  |
| 0.0   | 0.0   | 6900  |
| 181.4 | 158.2 | 4041  |
| 0.2   | 0.0   | 2117  |
| 0.1   | 0.0   | 3269  |
| 5.9   | 4.6   | 2358  |
| 2.5   | 1.9   | 4399  |
| 11.2  | 7.7   | 3796  |
| 34.0  | 31.5  | 654   |
| 0.0   | 0.0   | 477   |
| 0.0   | 0.1   | 1596  |
| 0.0   | 0.0   | 1180  |
| 22.3  | 14.8  | 1336  |

|      |      |       |
|------|------|-------|
| 9.3  | 11.1 | 1047  |
| 7.0  | 2.3  | 1821  |
| 2.9  | 3.0  | 1727  |
| 3.4  | 2.5  | 3966  |
| 1.5  | 0.6  | 12314 |
| 0.1  | 0.0  | 2271  |
| 0.3  | 0.5  | 3413  |
| 9.0  | 15.2 | 19432 |
| 5.4  | 3.2  | 2931  |
| 0.8  | 0.0  | 2113  |
| 0.9  | 0.4  | 6613  |
| 2.8  | 2.6  | 5270  |
| 1.4  | 1.2  | 8940  |
| 4.0  | 1.4  | 2366  |
| 0.8  | 0.4  | 2561  |
| 0.7  | 0.5  | 3155  |
| 0.0  | 0.0  | 1390  |
| 9.0  | 15.3 | 6211  |
| 0.2  | 0.1  | 1552  |
| 2.6  | 1.4  | 2186  |
| 0.0  | 0.0  | 431   |
| 0.1  | 0.0  | 2740  |
| 2.1  | 0.8  | 987   |
| 1.0  | 0.6  | 5749  |
| 0.1  | 0.1  | 6578  |
| 0.3  | 0.1  | 2260  |
| 1.2  | 0.8  | 2727  |
| 44.7 | 50.9 | 613   |
| 0.0  | 0.0  | 962   |
| 0.1  | 0.0  | 3619  |
| 1.6  | 0.3  | 3743  |
| 2.9  | 3.3  | 7013  |
| 0.1  | 0.0  | 5718  |
| 28.9 | 24.2 | 5469  |
| 14.0 | 16.8 | 1592  |
| 5.5  | 6.6  | 9309  |
| 0.7  | 0.5  | 9664  |
| 97.5 | 73.3 | 1310  |
| 31.6 | 14.2 | 7384  |
| 6.0  | 2.7  | 8672  |
| 5.0  | 3.2  | 4949  |
| 18.8 | 15.1 | 6858  |
| 0.2  | 0.0  | 3516  |
| 16.2 | 8.8  | 4879  |
| 1.2  | 0.8  | 6618  |
| 0.2  | 0.1  | 7939  |
| 0.1  | 0.0  | 8484  |

|       |       |       |
|-------|-------|-------|
| 0.0   | 0.4   | 764   |
| 6.4   | 3.2   | 6683  |
| 20.5  | 15.4  | 2618  |
| 0.3   | 0.3   | 4042  |
| 8.8   | 6.4   | 7840  |
| 0.3   | 0.1   | 12356 |
| 7.0   | 4.1   | 9902  |
| 2.7   | 1.6   | 8807  |
| 0.3   | 0.0   | 4188  |
| 0.4   | 0.1   | 19048 |
| 0.1   | 0.0   | 5951  |
| 1.7   | 0.9   | 2564  |
| 6.9   | 4.6   | 2814  |
| 0.1   | 0.0   | 7309  |
| 0.4   | 0.0   | 4264  |
| 8.7   | 5.2   | 2106  |
| 122.8 | 107.3 | 625   |
| 4.7   | 2.9   | 1954  |
| 0.0   | 0.0   | 2815  |
| 0.0   | 0.7   | 606   |
| 4.5   | 0.7   | 1350  |
| 9.2   | 11.7  | 1297  |
| 91.3  | 73.2  | 1989  |
| 15.2  | 13.0  | 5688  |
| 1.4   | 0.4   | 15005 |
| 0.2   | 0.0   | 1837  |
| 13.8  | 9.0   | 2172  |
| 7.8   | 5.8   | 21860 |
| 0.4   | 0.3   | 3917  |
| 1.9   | 0.8   | 17651 |
| 0.5   | 0.0   | 1942  |
| 16.1  | 13.8  | 2745  |
| 3.5   | 2.0   | 4736  |
| 11.0  | 7.4   | 3895  |
| 0.0   | 0.0   | 5930  |
| 8.2   | 7.8   | 4024  |
| 0.1   | 0.0   | 6838  |
| 0.1   | 0.0   | 1158  |
| 0.1   | 0.0   | 1616  |
| 0.4   | 0.0   | 1252  |
| 0.1   | 0.0   | 1713  |
| 0.9   | 1.9   | 2438  |
| 5.0   | 4.6   | 2181  |
| 6.1   | 5.0   | 4372  |
| 3.5   | 0.9   | 5126  |
| 0.1   | 0.0   | 5455  |
| 2.8   | 3.0   | 5801  |

|      |      |       |
|------|------|-------|
| 49.9 | 57.2 | 11062 |
| 9.8  | 7.9  | 6039  |
| 12.8 | 7.2  | 2861  |
| 7.2  | 4.9  | 2750  |
| 7.4  | 6.0  | 6390  |
| 6.9  | 3.5  | 6523  |
| 7.6  | 5.6  | 13128 |
| 0.3  | 0.2  | 12673 |
| 0.3  | 0.0  | 2241  |
| 0.2  | 0.4  | 1571  |
| 2.1  | 0.6  | 3232  |
| 0.0  | 0.0  | 2495  |
| 0.4  | 0.3  | 2072  |
| 3.8  | 2.9  | 5486  |
| 0.0  | 0.0  | 594   |
| 19.6 | 14.9 | 2956  |
| 25.0 | 20.8 | 2780  |
| 2.9  | 3.6  | 1584  |
| 6.4  | 4.4  | 3470  |
| 2.5  | 1.0  | 4155  |
| 2.3  | 1.1  | 6754  |
| 0.1  | 0.0  | 5395  |
| 0.2  | 0.0  | 5231  |
| 4.0  | 1.6  | 4711  |
| 3.1  | 1.8  | 978   |
| 1.6  | 0.3  | 5828  |
| 0.8  | 0.3  | 1212  |
| 3.0  | 1.4  | 3188  |
| 12.1 | 4.2  | 917   |
| 22.5 | 18.1 | 875   |
| 8.7  | 5.3  | 2594  |
| 1.9  | 1.1  | 15579 |
| 1.0  | 0.6  | 4219  |
| 13.8 | 17.1 | 2109  |
| 34.7 | 25.7 | 7966  |
| 0.2  | 0.2  | 3201  |
| 10.8 | 15.6 | 1154  |
| 0.1  | 0.0  | 3950  |
| 4.1  | 4.0  | 6972  |
| 0.5  | 0.2  | 1297  |
| 4.6  | 5.1  | 2082  |
| 0.2  | 0.0  | 2631  |
| 6.1  | 4.1  | 3555  |
| 0.0  | 0.0  | 1496  |
| 0.0  | 0.0  | 2702  |
| 0.2  | 0.5  | 9924  |
| 2.7  | 1.8  | 8644  |

|       |      |       |
|-------|------|-------|
| 0.2   | 0.0  | 2294  |
| 0.0   | 0.1  | 2823  |
| 0.9   | 2.5  | 2196  |
| 3.6   | 1.8  | 2565  |
| 4.6   | 3.1  | 6227  |
| 14.8  | 18.3 | 1430  |
| 0.1   | 0.1  | 2018  |
| 1.3   | 1.8  | 1092  |
| 0.2   | 0.0  | 779   |
| 12.0  | 6.4  | 2895  |
| 9.2   | 8.6  | 7291  |
| 0.3   | 0.2  | 5620  |
| 3.1   | 2.9  | 6011  |
| 0.4   | 0.0  | 1324  |
| 8.7   | 6.1  | 1954  |
| 0.1   | 0.0  | 3673  |
| 0.3   | 0.0  | 5344  |
| 101.4 | 84.2 | 2989  |
| 0.6   | 0.3  | 6913  |
| 14.0  | 11.6 | 6979  |
| 0.1   | 0.0  | 1285  |
| 1.2   | 1.2  | 3212  |
| 0.6   | 0.1  | 2823  |
| 0.2   | 0.0  | 1019  |
| 3.5   | 2.0  | 4892  |
| 0.0   | 0.0  | 1633  |
| 0.1   | 0.0  | 1820  |
| 10.4  | 11.2 | 3834  |
| 0.0   | 0.0  | 1124  |
| 0.5   | 0.5  | 5860  |
| 0.2   | 0.0  | 7582  |
| 0.0   | 0.0  | 307   |
| 3.3   | 1.0  | 3912  |
| 0.4   | 0.2  | 16893 |
| 4.1   | 2.5  | 4740  |
| 0.2   | 0.0  | 2119  |
| 0.0   | 0.0  | 1642  |
| 7.5   | 6.6  | 10983 |
| 0.1   | 0.0  | 3997  |
| 0.1   | 0.0  | 7642  |
| 0.0   | 0.0  | 533   |
| 5.7   | 0.0  | 1078  |
| 0.0   | 0.0  | 426   |
| 0.2   | 0.0  | 1258  |
| 0.2   | 0.3  | 3109  |
| 0.6   | 0.0  | 318   |
| 4.0   | 4.3  | 8971  |

|      |       |       |
|------|-------|-------|
| 6.3  | 7.7   | 1310  |
| 0.6  | 0.0   | 5950  |
| 0.3  | 0.1   | 3683  |
| 5.6  | 3.3   | 6577  |
| 0.0  | 0.0   | 1377  |
| 1.2  | 1.0   | 3107  |
| 0.0  | 0.0   | 1606  |
| 0.0  | 0.0   | 940   |
| 16.1 | 11.1  | 4309  |
| 2.2  | 1.8   | 7926  |
| 3.6  | 1.9   | 6201  |
| 0.0  | 0.0   | 512   |
| 1.0  | 0.0   | 1015  |
| 1.6  | 0.5   | 13751 |
| 2.3  | 0.9   | 3334  |
| 0.9  | 0.8   | 8464  |
| 0.6  | 0.2   | 3015  |
| 0.1  | 0.0   | 6347  |
| 26.0 | 37.9  | 2385  |
| 2.8  | 1.1   | 4793  |
| 9.5  | 5.3   | 9149  |
| 20.1 | 19.0  | 2266  |
| 12.7 | 10.6  | 8697  |
| 0.1  | 0.0   | 3316  |
| 98.7 | 135.8 | 1126  |
| 2.0  | 1.0   | 2114  |
| 0.1  | 0.2   | 5261  |
| 0.0  | 0.0   | 549   |
| 12.4 | 11.3  | 4336  |
| 0.2  | 0.0   | 7074  |
| 2.0  | 1.8   | 5608  |
| 4.4  | 5.7   | 733   |
| 1.3  | 0.9   | 4426  |
| 0.1  | 0.0   | 2070  |
| 0.5  | 0.3   | 2893  |
| 0.0  | 0.0   | 1386  |
| 44.8 | 39.5  | 5220  |
| 45.1 | 35.0  | 2868  |
| 6.1  | 6.5   | 6741  |
| 0.2  | 0.1   | 6456  |
| 0.0  | 0.0   | 843   |
| 0.2  | 0.0   | 1164  |
| 0.1  | 0.0   | 6400  |
| 0.9  | 0.0   | 1124  |
| 20.9 | 12.4  | 2044  |
| 0.2  | 0.0   | 2157  |
| 4.0  | 4.5   | 7925  |

|      |      |       |
|------|------|-------|
| 1.0  | 0.5  | 1838  |
| 6.1  | 8.3  | 1135  |
| 1.9  | 0.3  | 4967  |
| 0.5  | 0.5  | 37383 |
| 0.1  | 0.0  | 2802  |
| 0.1  | 0.0  | 2630  |
| 40.8 | 35.6 | 6757  |
| 0.4  | 0.2  | 6586  |
| 2.1  | 1.0  | 3308  |
| 3.9  | 1.9  | 10100 |
| 0.0  | 0.0  | 1442  |
| 2.7  | 3.3  | 5893  |
| 0.4  | 0.0  | 1621  |
| 0.0  | 0.0  | 3589  |
| 0.1  | 0.0  | 1738  |
| 0.2  | 0.0  | 2129  |
| 0.0  | 0.0  | 7268  |
| 3.7  | 1.7  | 5028  |
| 0.3  | 0.1  | 23702 |
| 5.0  | 4.7  | 5228  |
| 0.4  | 0.0  | 1974  |
| 3.2  | 3.0  | 27679 |
| 2.7  | 0.8  | 5464  |
| 4.5  | 2.8  | 5210  |
| 0.1  | 0.3  | 1255  |
| 0.8  | 0.8  | 797   |
| 3.7  | 1.9  | 1019  |
| 0.2  | 0.0  | 2181  |
| 2.6  | 2.0  | 4877  |
| 13.4 | 12.2 | 5583  |
| 16.2 | 11.1 | 5412  |
| 2.4  | 0.9  | 3515  |
| 6.5  | 9.5  | 5863  |
| 16.0 | 17.7 | 5197  |
| 3.8  | 2.8  | 5005  |
| 5.4  | 6.8  | 15031 |
| 3.0  | 3.5  | 16334 |
| 24.2 | 17.8 | 8904  |
| 3.6  | 3.0  | 6834  |
| 15.0 | 10.8 | 9004  |
| 7.6  | 7.7  | 2618  |
| 2.1  | 0.7  | 6695  |
| 0.8  | 0.4  | 9284  |
| 9.3  | 2.8  | 6462  |
| 28.7 | 27.1 | 1540  |
| 0.3  | 0.3  | 5743  |
| 3.1  | 2.5  | 6215  |



|       |       |       |
|-------|-------|-------|
| 13.7  | 8.7   | 11711 |
| 0.7   | 0.8   | 21591 |
| 2.6   | 2.4   | 17563 |
| 0.3   | 0.0   | 2492  |
| 36.4  | 44.2  | 4091  |
| 7.1   | 6.7   | 6657  |
| 9.2   | 9.2   | 2635  |
| 0.0   | 0.0   | 517   |
| 0.1   | 0.0   | 8471  |
| 3.6   | 1.8   | 2272  |
| 16.0  | 11.1  | 6117  |
| 8.0   | 4.9   | 7555  |
| 0.4   | 0.2   | 15964 |
| 4.2   | 1.2   | 2164  |
| 0.3   | 0.0   | 5217  |
| 1.5   | 0.2   | 7608  |
| 1.8   | 2.0   | 1367  |
| 0.1   | 0.0   | 5604  |
| 0.0   | 0.0   | 1897  |
| 0.4   | 0.0   | 3018  |
| 0.8   | 0.6   | 8068  |
| 13.4  | 7.1   | 738   |
| 0.2   | 0.0   | 1142  |
| 4.7   | 3.1   | 4065  |
| 0.4   | 0.0   | 866   |
| 13.0  | 7.6   | 4119  |
| 2.7   | 1.8   | 4139  |
| 9.1   | 8.2   | 4235  |
| 6.3   | 3.4   | 3853  |
| 1.5   | 0.4   | 3104  |
| 298.5 | 267.9 | 2443  |
| 0.2   | 0.0   | 3293  |
| 39.3  | 36.7  | 3654  |
| 5.1   | 4.8   | 4450  |
| 67.9  | 74.2  | 785   |
| 0.2   | 0.0   | 1978  |
| 1.7   | 1.1   | 4273  |
| 0.5   | 0.6   | 3115  |
| 0.0   | 0.0   | 2661  |
| 37.5  | 30.6  | 3394  |
| 6.0   | 5.2   | 2479  |
| 5.5   | 5.3   | 10325 |
| 22.6  | 22.2  | 4335  |
| 7.0   | 5.5   | 6824  |
| 9.9   | 6.6   | 3708  |
| 1.8   | 0.8   | 10146 |
| 0.0   | 0.0   | 1381  |

|      |      |       |
|------|------|-------|
| 0.3  | 0.1  | 12408 |
| 0.0  | 0.0  | 2248  |
| 0.9  | 0.2  | 8003  |
| 2.9  | 3.5  | 2408  |
| 0.1  | 0.0  | 2518  |
| 2.7  | 1.9  | 4425  |
| 0.1  | 0.0  | 2040  |
| 3.0  | 3.9  | 1832  |
| 5.2  | 10.6 | 4185  |
| 11.1 | 4.9  | 7528  |
| 0.0  | 0.0  | 213   |
| 0.3  | 0.0  | 4409  |
| 0.6  | 0.0  | 508   |
| 83.7 | 78.0 | 1534  |
| 8.7  | 8.3  | 7722  |
| 0.4  | 0.4  | 10556 |
| 19.9 | 18.5 | 1945  |
| 0.0  | 0.0  | 20453 |
| 35.3 | 31.7 | 2383  |
| 0.4  | 0.2  | 8601  |
| 32.9 | 20.4 | 4304  |
| 0.0  | 0.0  | 2947  |
| 0.0  | 0.0  | 2327  |
| 3.8  | 1.5  | 1964  |
| 10.3 | 6.1  | 2866  |
| 0.1  | 0.0  | 6239  |
| 5.0  | 3.7  | 2302  |
| 1.6  | 1.3  | 3505  |
| 4.6  | 4.2  | 8980  |
| 0.4  | 0.1  | 4693  |
| 5.3  | 3.2  | 8538  |
| 0.3  | 0.3  | 45023 |
| 0.3  | 0.2  | 4866  |
| 1.3  | 0.7  | 1498  |
| 8.8  | 4.1  | 4311  |
| 1.2  | 0.7  | 5478  |
| 0.1  | 0.0  | 987   |
| 0.3  | 0.0  | 1767  |
| 2.2  | 1.6  | 7207  |
| 0.2  | 0.1  | 3946  |
| 0.0  | 0.0  | 4343  |
| 0.3  | 0.0  | 1712  |
| 1.5  | 0.0  | 765   |
| 1.5  | 0.7  | 11886 |
| 6.1  | 5.4  | 1923  |
| 12.5 | 11.5 | 2864  |
| 0.6  | 0.0  | 679   |

|       |       |       |
|-------|-------|-------|
| 2.0   | 0.8   | 2620  |
| 3.6   | 3.1   | 8129  |
| 0.2   | 0.0   | 2011  |
| 1.4   | 1.6   | 6258  |
| 0.2   | 0.0   | 1583  |
| 0.1   | 0.0   | 1703  |
| 2.7   | 2.2   | 3337  |
| 0.4   | 0.7   | 419   |
| 6.8   | 11.8  | 4443  |
| 0.3   | 0.2   | 6218  |
| 0.6   | 0.3   | 3365  |
| 0.4   | 0.3   | 3474  |
| 2.1   | 0.6   | 18916 |
| 12.5  | 9.6   | 8006  |
| 0.5   | 0.3   | 4626  |
| 0.0   | 0.0   | 1865  |
| 0.2   | 0.0   | 2215  |
| 0.0   | 0.0   | 1065  |
| 0.1   | 0.0   | 1511  |
| 0.2   | 0.0   | 1237  |
| 104.9 | 132.1 | 2454  |
| 0.0   | 0.0   | 431   |
| 1.9   | 0.4   | 3785  |
| 11.9  | 9.7   | 5318  |
| 4.8   | 4.3   | 6377  |
| 0.0   | 0.0   | 6346  |
| 4.0   | 3.6   | 3510  |
| 5.5   | 3.9   | 1886  |
| 0.2   | 0.0   | 1216  |
| 0.3   | 0.1   | 1631  |
| 2.9   | 3.3   | 3280  |
| 0.0   | 0.0   | 7398  |
| 5.4   | 3.9   | 7848  |
| 7.2   | 7.1   | 5663  |
| 4.5   | 4.3   | 5989  |
| 0.5   | 0.0   | 1041  |
| 0.8   | 0.9   | 4491  |
| 3.6   | 2.0   | 12169 |
| 0.7   | 0.6   | 1033  |
| 0.0   | 0.5   | 857   |
| 0.0   | 0.0   | 4093  |
| 16.2  | 10.0  | 3774  |
| 13.0  | 7.1   | 6774  |
| 0.8   | 0.2   | 2125  |
| 0.7   | 1.0   | 1701  |
| 0.6   | 0.5   | 1490  |
| 0.2   | 0.2   | 2610  |

|      |      |       |
|------|------|-------|
| 24.3 | 14.6 | 6338  |
| 0.4  | 0.0  | 945   |
| 0.3  | 0.0  | 1894  |
| 0.3  | 0.0  | 3464  |
| 0.0  | 0.0  | 1241  |
| 0.5  | 0.2  | 14925 |
| 55.5 | 58.8 | 2022  |
| 13.4 | 9.2  | 3031  |
| 5.5  | 3.5  | 6764  |
| 0.3  | 0.0  | 3823  |
| 0.4  | 0.0  | 1900  |
| 3.2  | 2.2  | 1774  |
| 4.0  | 2.2  | 1978  |
| 11.0 | 9.5  | 2075  |
| 3.0  | 2.2  | 2910  |
| 42.3 | 36.2 | 949   |
| 0.2  | 0.0  | 2123  |
| 0.6  | 0.8  | 2501  |
| 1.8  | 1.9  | 5293  |
| 0.3  | 0.0  | 1644  |
| 60.5 | 73.4 | 3053  |
| 0.2  | 0.0  | 1309  |
| 3.1  | 4.0  | 6656  |
| 5.8  | 4.6  | 4834  |
| 4.5  | 3.6  | 7465  |
| 0.2  | 0.0  | 2123  |
| 17.2 | 18.3 | 3127  |
| 0.9  | 0.6  | 1519  |
| 0.1  | 0.0  | 2078  |
| 2.5  | 0.5  | 2005  |
| 0.0  | 0.0  | 766   |
| 0.0  | 0.0  | 22375 |
| 8.3  | 11.7 | 3849  |
| 11.5 | 8.9  | 1851  |
| 9.9  | 7.5  | 4298  |
| 4.6  | 2.8  | 3098  |
| 3.9  | 3.0  | 11451 |
| 3.1  | 2.3  | 761   |
| 3.8  | 2.5  | 7616  |
| 4.3  | 2.4  | 3982  |
| 21.7 | 21.9 | 2921  |
| 1.6  | 3.7  | 1448  |
| 3.4  | 1.7  | 3508  |
| 3.8  | 1.6  | 4804  |
| 0.1  | 0.0  | 4223  |
| 3.8  | 2.8  | 3053  |
| 1.4  | 0.6  | 8224  |

|       |       |       |
|-------|-------|-------|
| 0.7   | 0.6   | 6741  |
| 0.1   | 0.0   | 1818  |
| 0.0   | 0.0   | 954   |
| 0.1   | 0.0   | 4040  |
| 8.4   | 7.3   | 6897  |
| 3.4   | 3.5   | 4205  |
| 1.4   | 0.4   | 2475  |
| 32.7  | 24.8  | 2580  |
| 4.5   | 5.4   | 12376 |
| 3.8   | 1.7   | 10719 |
| 10.3  | 7.0   | 5397  |
| 5.1   | 5.0   | 1213  |
| 4.9   | 8.0   | 6960  |
| 5.4   | 4.5   | 2732  |
| 17.9  | 22.2  | 9156  |
| 0.1   | 0.0   | 1597  |
| 4.5   | 2.5   | 3279  |
| 7.0   | 5.6   | 8467  |
| 0.0   | 0.0   | 2100  |
| 0.1   | 0.1   | 6348  |
| 2.2   | 0.7   | 3787  |
| 0.1   | 0.0   | 1593  |
| 0.1   | 0.0   | 3971  |
| 0.2   | 0.1   | 5796  |
| 0.5   | 0.0   | 960   |
| 0.0   | 0.0   | 1826  |
| 18.6  | 7.0   | 7683  |
| 1.4   | 1.0   | 12046 |
| 0.6   | 0.4   | 3679  |
| 5.1   | 3.1   | 1656  |
| 10.9  | 7.7   | 941   |
| 1.0   | 0.2   | 6239  |
| 0.5   | 0.1   | 3908  |
| 4.8   | 3.7   | 3024  |
| 6.9   | 6.2   | 3563  |
| 7.1   | 5.0   | 1518  |
| 0.2   | 0.0   | 3106  |
| 8.7   | 10.4  | 1220  |
| 5.1   | 2.1   | 1362  |
| 0.4   | 0.0   | 1567  |
| 0.4   | 0.1   | 3498  |
| 0.2   | 0.2   | 6891  |
| 19.3  | 14.5  | 5670  |
| 176.3 | 114.9 | 7253  |
| 6.0   | 2.8   | 10057 |
| 8.3   | 4.2   | 2556  |
| 0.0   | 0.0   | 7689  |

|      |      |       |
|------|------|-------|
| 0.1  | 0.0  | 10936 |
| 0.1  | 1.4  | 12326 |
| 15.2 | 9.9  | 15718 |
| 0.3  | 0.1  | 2009  |
| 4.7  | 3.4  | 4590  |
| 0.8  | 0.2  | 1389  |
| 0.1  | 0.0  | 1862  |
| 11.6 | 11.6 | 7174  |
| 2.7  | 2.4  | 3683  |
| 0.3  | 0.0  | 823   |
| 0.1  | 0.0  | 682   |
| 30.3 | 29.8 | 11996 |
| 0.0  | 0.0  | 1612  |
| 0.4  | 0.0  | 5645  |
| 4.3  | 3.0  | 7522  |
| 0.6  | 0.6  | 14323 |
| 0.2  | 0.0  | 6038  |
| 0.2  | 0.0  | 616   |
| 0.2  | 0.0  | 1508  |
| 6.0  | 1.9  | 2098  |
| 0.6  | 0.8  | 2914  |
| 2.3  | 0.9  | 2338  |
| 0.4  | 0.0  | 5109  |
| 0.1  | 0.0  | 4863  |
| 1.1  | 1.3  | 5090  |
| 1.5  | 0.8  | 4005  |
| 3.2  | 2.1  | 7840  |
| 5.0  | 4.6  | 4328  |
| 5.7  | 7.1  | 6512  |
| 1.7  | 1.6  | 7001  |
| 0.5  | 0.1  | 7838  |
| 0.1  | 0.1  | 2847  |
| 0.1  | 0.0  | 7149  |
| 0.1  | 0.3  | 2167  |
| 0.0  | 0.0  | 9831  |
| 0.2  | 0.1  | 3993  |
| 0.0  | 0.0  | 7137  |
| 0.1  | 0.0  | 2864  |
| 1.0  | 0.7  | 1891  |
| 0.7  | 0.3  | 1955  |
| 10.8 | 8.6  | 7431  |
| 1.8  | 0.4  | 5403  |
| 35.4 | 20.2 | 5656  |
| 9.6  | 8.3  | 6364  |
| 0.2  | 0.0  | 962   |
| 0.2  | 0.0  | 16407 |
| 0.2  | 0.0  | 5307  |

|       |        |       |
|-------|--------|-------|
| 0.2   | 0.0    | 1519  |
| 1.9   | 0.9    | 9288  |
| 0.0   | 0.0    | 1848  |
| 7.8   | 3.4    | 4511  |
| 8.0   | 5.9    | 2276  |
| 0.0   | 0.0    | 9358  |
| 21.3  | 14.2   | 1865  |
| 0.0   | 0.0    | 1921  |
| 0.3   | 0.0    | 1670  |
| 3.8   | 0.6    | 523   |
| 636.3 | 727.1  | 648   |
| 979.0 | 1167.4 | 618   |
| 0.4   | 0.0    | 2837  |
| 2.1   | 2.2    | 2612  |
| 2.4   | 1.9    | 2139  |
| 6.4   | 3.4    | 4101  |
| 0.6   | 0.4    | 6074  |
| 6.9   | 4.6    | 5747  |
| 1.7   | 0.8    | 4231  |
| 0.1   | 0.0    | 7576  |
| 7.5   | 9.9    | 9018  |
| 1.7   | 1.2    | 37884 |
| 0.0   | 0.0    | 576   |
| 16.9  | 19.8   | 877   |
| 91.0  | 82.4   | 11436 |
| 1.4   | 1.4    | 5250  |
| 1.5   | 0.4    | 13592 |
| 0.1   | 0.2    | 2354  |
| 66.4  | 61.5   | 3262  |
| 9.9   | 11.8   | 9564  |
| 0.1   | 0.0    | 7591  |
| 21.8  | 19.1   | 1842  |
| 0.0   | 0.0    | 1825  |
| 1.2   | 1.5    | 2358  |
| 0.5   | 0.3    | 21795 |
| 16.4  | 10.9   | 2402  |
| 0.6   | 0.3    | 16287 |
| 10.4  | 7.4    | 789   |
| 8.6   | 6.7    | 6237  |
| 4.2   | 4.1    | 25023 |
| 3.8   | 3.5    | 7284  |
| 6.8   | 7.3    | 1734  |
| 3.6   | 1.2    | 2976  |
| 8.8   | 6.2    | 2133  |
| 21.4  | 16.7   | 4880  |
| 0.3   | 1.3    | 880   |
| 0.3   | 0.2    | 880   |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 1548  |
| 1.8  | 1.5  | 4141  |
| 8.9  | 4.0  | 5831  |
| 22.6 | 18.1 | 4564  |
| 2.5  | 1.7  | 15662 |
| 0.3  | 0.0  | 2969  |
| 4.1  | 3.6  | 5801  |
| 2.6  | 1.0  | 5313  |
| 8.8  | 3.2  | 5978  |
| 1.7  | 1.4  | 5292  |
| 2.1  | 1.4  | 4221  |
| 6.5  | 6.5  | 4701  |
| 15.2 | 12.8 | 2585  |
| 30.9 | 22.1 | 5495  |
| 6.2  | 6.7  | 3167  |
| 0.0  | 0.0  | 957   |
| 1.4  | 0.6  | 3126  |
| 0.0  | 0.0  | 3195  |
| 0.0  | 0.0  | 1249  |
| 0.1  | 0.0  | 1276  |
| 0.1  | 0.0  | 1868  |
| 0.1  | 0.0  | 3515  |
| 12.4 | 6.3  | 4738  |
| 2.3  | 2.2  | 6660  |
| 0.0  | 0.0  | 1478  |
| 0.1  | 0.0  | 2326  |
| 0.0  | 0.0  | 1726  |
| 0.0  | 0.0  | 4796  |
| 19.4 | 18.7 | 3546  |
| 0.1  | 0.0  | 4589  |
| 1.5  | 0.8  | 6909  |
| 5.7  | 6.2  | 4217  |
| 0.0  | 0.0  | 1859  |
| 0.9  | 0.6  | 3048  |
| 14.9 | 17.5 | 3372  |
| 4.0  | 2.0  | 5877  |
| 9.0  | 5.8  | 8141  |
| 2.0  | 1.7  | 9298  |
| 14.8 | 9.7  | 8649  |
| 9.2  | 5.7  | 8389  |
| 7.9  | 5.9  | 6656  |
| 0.3  | 0.0  | 1446  |
| 2.9  | 2.2  | 96    |
| 3.1  | 1.1  | 91    |
| 0.0  | 0.0  | 96    |
| 3.0  | 0.0  | 93    |
| 5.1  | 1.1  | 92    |



|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 88    |
| 0.0  | 0.0  | 101   |
| 0.0  | 0.0  | 99    |
| 3.4  | 0.0  | 112   |
| 9.1  | 8.1  | 103   |
| 3.3  | 3.2  | 13674 |
| 0.1  | 0.0  | 3485  |
| 4.4  | 2.2  | 7713  |
| 1.1  | 1.6  | 1320  |
| 24.2 | 29.4 | 2838  |
| 0.0  | 0.0  | 3218  |
| 16.0 | 14.3 | 8148  |
| 8.9  | 8.4  | 6768  |
| 11.4 | 6.8  | 3497  |
| 0.6  | 0.1  | 8362  |
| 1.5  | 0.1  | 3810  |
| 0.6  | 0.3  | 4723  |
| 2.2  | 1.7  | 3439  |
| 0.0  | 0.0  | 1029  |
| 0.0  | 0.0  | 1120  |
| 8.2  | 3.9  | 839   |
| 0.7  | 0.3  | 1641  |
| 17.7 | 12.1 | 2949  |
| 1.6  | 1.1  | 2884  |
| 0.5  | 0.5  | 4375  |
| 24.8 | 28.8 | 653   |
| 2.8  | 2.2  | 5463  |
| 10.2 | 2.8  | 3930  |
| 0.6  | 0.1  | 3571  |
| 0.2  | 0.1  | 6185  |
| 0.0  | 0.0  | 2049  |
| 0.0  | 0.0  | 4988  |
| 3.3  | 1.1  | 5488  |
| 1.8  | 0.5  | 1914  |
| 0.8  | 0.0  | 1000  |
| 1.0  | 0.9  | 4467  |
| 16.5 | 24.0 | 837   |
| 3.4  | 2.2  | 3251  |
| 3.4  | 1.4  | 1311  |
| 1.6  | 1.6  | 1855  |
| 0.1  | 0.0  | 1762  |
| 3.6  | 2.3  | 2374  |
| 0.4  | 0.2  | 922   |
| 0.0  | 0.0  | 4332  |
| 0.1  | 0.0  | 4471  |
| 10.7 | 10.0 | 5344  |
| 0.0  | 0.0  | 422   |

|       |       |       |
|-------|-------|-------|
| 0.2   | 0.0   | 1752  |
| 4.2   | 4.9   | 7594  |
| 0.1   | 0.0   | 2060  |
| 20.1  | 13.7  | 2988  |
| 1.5   | 1.4   | 2516  |
| 8.5   | 10.1  | 2695  |
| 2.1   | 1.5   | 22041 |
| 0.1   | 0.0   | 8481  |
| 1.1   | 1.0   | 2241  |
| 8.7   | 7.3   | 9935  |
| 6.7   | 7.7   | 9822  |
| 3.7   | 4.4   | 5197  |
| 26.7  | 25.9  | 10813 |
| 0.2   | 0.0   | 1849  |
| 3.2   | 1.1   | 2291  |
| 4.1   | 1.8   | 3789  |
| 27.8  | 31.7  | 1074  |
| 0.1   | 0.1   | 2911  |
| 0.0   | 0.0   | 1035  |
| 1.4   | 1.9   | 1445  |
| 81.0  | 93.5  | 2310  |
| 7.2   | 3.8   | 5965  |
| 8.2   | 6.8   | 6063  |
| 8.2   | 9.7   | 2982  |
| 10.0  | 13.8  | 3302  |
| 11.7  | 10.2  | 3512  |
| 0.0   | 0.0   | 16968 |
| 4.7   | 3.6   | 5809  |
| 0.0   | 0.0   | 3219  |
| 1.1   | 0.9   | 5800  |
| 0.4   | 0.4   | 2345  |
| 0.3   | 0.5   | 4683  |
| 0.0   | 0.0   | 1073  |
| 2.8   | 1.7   | 5962  |
| 0.9   | 0.3   | 709   |
| 0.3   | 0.6   | 15399 |
| 15.3  | 10.0  | 11311 |
| 0.0   | 0.0   | 1731  |
| 0.2   | 0.0   | 1331  |
| 11.2  | 12.0  | 3459  |
| 0.1   | 0.0   | 1595  |
| 0.2   | 0.1   | 4814  |
| 678.8 | 769.7 | 956   |
| 58.6  | 50.2  | 3117  |
| 8.9   | 10.7  | 1250  |
| 3.3   | 2.3   | 4824  |
| 3.6   | 2.9   | 6499  |

|      |      |       |
|------|------|-------|
| 12.0 | 13.5 | 3184  |
| 63.5 | 41.9 | 1466  |
| 1.5  | 1.0  | 1782  |
| 25.4 | 39.6 | 1668  |
| 0.2  | 0.0  | 1615  |
| 34.8 | 33.9 | 1574  |
| 32.3 | 21.9 | 3230  |
| 0.9  | 0.9  | 3964  |
| 18.0 | 18.9 | 2519  |
| 6.5  | 4.0  | 6965  |
| 0.4  | 0.2  | 2037  |
| 30.8 | 30.6 | 4739  |
| 0.6  | 0.3  | 1949  |
| 35.1 | 28.0 | 4445  |
| 1.4  | 1.6  | 3873  |
| 6.0  | 4.2  | 8176  |
| 0.2  | 0.0  | 1759  |
| 1.4  | 1.3  | 13276 |
| 2.1  | 0.9  | 6851  |
| 0.1  | 0.0  | 2995  |
| 0.6  | 0.7  | 8371  |
| 6.0  | 4.5  | 13315 |
| 1.3  | 0.7  | 5477  |
| 2.9  | 2.3  | 5712  |
| 1.9  | 1.0  | 6105  |
| 36.5 | 31.4 | 2705  |
| 6.6  | 7.5  | 6587  |
| 0.2  | 0.0  | 1515  |
| 0.1  | 0.0  | 2132  |
| 0.8  | 0.0  | 1244  |
| 8.6  | 6.9  | 3439  |
| 27.7 | 35.5 | 2551  |
| 3.6  | 2.2  | 2431  |
| 1.1  | 0.6  | 8181  |
| 0.1  | 0.0  | 3511  |
| 0.1  | 0.0  | 5018  |
| 0.2  | 0.0  | 1520  |
| 2.6  | 3.0  | 4601  |
| 5.9  | 6.1  | 4683  |
| 2.4  | 1.6  | 17509 |
| 16.3 | 12.3 | 7572  |
| 1.9  | 0.9  | 13269 |
| 2.0  | 1.2  | 10410 |
| 0.0  | 0.0  | 1524  |
| 1.3  | 0.7  | 11048 |
| 0.0  | 0.0  | 5399  |
| 0.4  | 0.0  | 3422  |

|       |      |       |
|-------|------|-------|
| 28.4  | 18.2 | 3866  |
| 0.5   | 0.0  | 930   |
| 0.3   | 0.0  | 2126  |
| 0.2   | 0.0  | 4025  |
| 0.3   | 0.2  | 4028  |
| 0.1   | 0.1  | 9601  |
| 1.8   | 0.9  | 3102  |
| 0.8   | 0.6  | 14613 |
| 5.2   | 6.7  | 9999  |
| 0.1   | 0.0  | 1065  |
| 16.5  | 12.0 | 1562  |
| 8.3   | 7.8  | 5940  |
| 7.8   | 7.5  | 914   |
| 9.3   | 5.2  | 2954  |
| 3.2   | 1.5  | 16380 |
| 20.9  | 16.3 | 3066  |
| 0.4   | 0.2  | 2590  |
| 1.3   | 1.2  | 10276 |
| 9.2   | 8.9  | 7862  |
| 1.3   | 0.3  | 3842  |
| 0.7   | 0.2  | 852   |
| 8.3   | 7.5  | 5632  |
| 109.8 | 65.4 | 7368  |
| 4.0   | 1.6  | 11026 |
| 15.9  | 11.6 | 1028  |
| 8.8   | 8.1  | 2737  |
| 0.1   | 0.0  | 2486  |
| 0.1   | 0.0  | 3066  |
| 19.6  | 15.4 | 10685 |
| 0.1   | 0.0  | 3993  |
| 5.3   | 3.0  | 4718  |
| 23.1  | 13.9 | 2406  |
| 1.4   | 1.9  | 3719  |
| 7.0   | 7.6  | 2235  |
| 0.4   | 0.2  | 16064 |
| 1.3   | 0.5  | 2257  |
| 0.8   | 0.0  | 732   |
| 0.3   | 0.0  | 732   |
| 0.1   | 0.0  | 903   |
| 3.6   | 3.1  | 3455  |
| 3.7   | 2.9  | 17384 |
| 8.7   | 7.8  | 4163  |
| 6.2   | 5.3  | 1529  |
| 4.7   | 8.1  | 1313  |
| 0.2   | 0.0  | 10051 |
| 5.5   | 6.5  | 1916  |
| 0.1   | 0.0  | 2136  |

|       |       |       |
|-------|-------|-------|
| 0.3   | 0.2   | 1322  |
| 0.2   | 0.0   | 1606  |
| 34.1  | 18.1  | 2067  |
| 1.3   | 1.8   | 9016  |
| 49.4  | 44.9  | 1124  |
| 10.9  | 12.1  | 3833  |
| 137.8 | 138.0 | 2405  |
| 8.1   | 10.6  | 5886  |
| 1.2   | 1.0   | 2432  |
| 0.0   | 0.0   | 5277  |
| 0.0   | 0.0   | 1695  |
| 14.8  | 8.7   | 2438  |
| 5.3   | 5.7   | 15029 |
| 0.1   | 0.0   | 1138  |
| 0.2   | 0.0   | 1197  |
| 7.3   | 0.0   | 90    |
| 0.1   | 0.0   | 5122  |
| 2.4   | 1.6   | 3807  |
| 0.3   | 0.0   | 849   |
| 0.5   | 0.0   | 1528  |
| 8.3   | 8.6   | 3843  |
| 0.3   | 0.5   | 2229  |
| 0.9   | 1.5   | 1432  |
| 7.1   | 5.0   | 4289  |
| 0.7   | 0.1   | 1554  |
| 1.2   | 1.8   | 4608  |
| 5.5   | 3.5   | 4312  |
| 0.2   | 0.5   | 1980  |
| 3.5   | 3.5   | 4413  |
| 0.2   | 0.0   | 388   |
| 0.1   | 0.0   | 1939  |
| 15.4  | 6.0   | 3534  |
| 0.0   | 0.0   | 1048  |
| 0.7   | 0.2   | 5740  |
| 0.1   | 0.0   | 4203  |
| 28.3  | 31.5  | 4001  |
| 0.0   | 0.0   | 1594  |
| 0.0   | 0.0   | 2691  |
| 2.8   | 0.8   | 2978  |
| 0.6   | 0.3   | 5722  |
| 6.3   | 5.9   | 8822  |
| 1.9   | 2.2   | 14526 |
| 0.5   | 0.3   | 2668  |
| 2.1   | 0.6   | 2414  |
| 0.5   | 0.2   | 8521  |
| 0.1   | 0.3   | 1554  |
| 25.6  | 33.3  | 628   |

|      |      |       |
|------|------|-------|
| 1.9  | 0.9  | 12859 |
| 6.2  | 9.2  | 1733  |
| 7.4  | 7.2  | 1315  |
| 18.0 | 17.7 | 1139  |
| 0.1  | 0.0  | 2716  |
| 3.3  | 2.4  | 3597  |
| 2.7  | 2.2  | 3027  |
| 0.5  | 0.0  | 2134  |
| 2.0  | 2.0  | 10238 |
| 0.1  | 0.0  | 6606  |
| 11.3 | 9.1  | 2408  |
| 3.4  | 2.0  | 5411  |
| 5.2  | 0.8  | 126   |
| 2.2  | 4.9  | 128   |
| 3.7  | 5.8  | 127   |
| 0.0  | 0.0  | 127   |
| 0.0  | 0.0  | 127   |
| 1.6  | 1.4  | 2785  |
| 9.3  | 4.8  | 6484  |
| 0.1  | 0.1  | 7125  |
| 0.3  | 0.0  | 1992  |
| 25.4 | 17.9 | 3298  |
| 0.0  | 0.0  | 524   |
| 0.2  | 0.0  | 3670  |
| 0.0  | 0.0  | 2866  |
| 7.8  | 7.0  | 17358 |
| 0.4  | 0.1  | 1706  |
| 0.3  | 0.0  | 8475  |
| 0.1  | 0.0  | 1901  |
| 9.8  | 7.7  | 6463  |
| 2.2  | 1.0  | 7376  |
| 0.1  | 0.0  | 3807  |
| 11.8 | 6.7  | 4349  |
| 1.9  | 1.0  | 1195  |
| 0.0  | 0.0  | 384   |
| 0.1  | 0.0  | 1376  |
| 5.9  | 2.0  | 3698  |
| 0.2  | 0.0  | 1360  |
| 0.0  | 0.0  | 2440  |
| 0.2  | 0.0  | 1953  |
| 1.0  | 0.7  | 3333  |
| 26.3 | 22.9 | 2344  |
| 0.1  | 0.3  | 3027  |
| 0.0  | 0.0  | 886   |
| 1.2  | 0.2  | 3341  |
| 3.7  | 5.3  | 3223  |
| 1.0  | 0.3  | 2611  |

|      |      |       |
|------|------|-------|
| 0.1  | 0.1  | 7095  |
| 0.1  | 0.0  | 2531  |
| 0.0  | 0.0  | 5906  |
| 1.2  | 1.0  | 3905  |
| 13.3 | 16.6 | 3864  |
| 15.8 | 11.3 | 3082  |
| 15.9 | 13.5 | 1176  |
| 82.6 | 93.9 | 1556  |
| 1.1  | 0.8  | 12365 |
| 2.7  | 3.2  | 13275 |
| 2.7  | 2.5  | 1405  |
| 0.0  | 0.0  | 1075  |
| 0.0  | 0.0  | 566   |
| 24.0 | 8.6  | 3466  |
| 0.3  | 0.3  | 5224  |
| 0.1  | 0.2  | 2572  |
| 0.1  | 0.0  | 1637  |
| 1.1  | 0.1  | 1135  |
| 0.1  | 0.0  | 3538  |
| 1.2  | 0.8  | 8774  |
| 5.6  | 2.7  | 4846  |
| 2.6  | 2.6  | 31465 |
| 53.0 | 51.2 | 18317 |
| 0.5  | 0.1  | 7211  |
| 0.0  | 0.0  | 12743 |
| 0.6  | 0.6  | 4945  |
| 0.5  | 0.2  | 1842  |
| 0.0  | 0.1  | 5936  |
| 1.8  | 0.7  | 2548  |
| 2.8  | 3.2  | 1250  |
| 0.0  | 0.0  | 4615  |
| 1.4  | 0.1  | 1877  |
| 2.5  | 2.2  | 7539  |
| 4.4  | 4.3  | 2894  |
| 0.0  | 0.0  | 3504  |
| 1.2  | 0.4  | 4654  |
| 0.0  | 0.0  | 1212  |
| 1.2  | 0.0  | 1124  |
| 0.0  | 0.0  | 828   |
| 5.7  | 5.3  | 11650 |
| 1.0  | 0.3  | 1185  |
| 0.2  | 0.0  | 936   |
| 0.1  | 0.0  | 7881  |
| 3.7  | 2.7  | 2314  |
| 0.5  | 0.0  | 2218  |
| 0.4  | 0.2  | 1811  |
| 21.7 | 14.3 | 524   |

|       |       |       |
|-------|-------|-------|
| 0.0   | 0.0   | 2234  |
| 0.1   | 0.2   | 2633  |
| 0.0   | 0.0   | 779   |
| 1.9   | 1.4   | 13879 |
| 0.3   | 0.0   | 1943  |
| 1.3   | 0.0   | 75    |
| 6.6   | 0.0   | 71    |
| 20.0  | 15.9  | 1067  |
| 19.0  | 5.5   | 1976  |
| 0.3   | 0.0   | 4083  |
| 0.1   | 0.0   | 3756  |
| 0.0   | 0.0   | 638   |
| 5.3   | 3.3   | 6643  |
| 0.0   | 0.0   | 899   |
| 4.0   | 1.5   | 3311  |
| 10.2  | 9.5   | 3814  |
| 3.5   | 3.0   | 899   |
| 1.9   | 1.5   | 7387  |
| 0.6   | 0.1   | 11100 |
| 0.1   | 0.0   | 1990  |
| 204.6 | 285.9 | 469   |
| 122.8 | 113.0 | 460   |
| 129.6 | 158.4 | 439   |
| 381.7 | 430.9 | 790   |
| 161.5 | 164.0 | 470   |
| 181.6 | 229.4 | 487   |
| 212.1 | 239.3 | 453   |
| 140.1 | 247.9 | 449   |
| 2.1   | 6.3   | 446   |
| 2.8   | 1.5   | 477   |
| 2.4   | 0.2   | 478   |
| 372.7 | 393.4 | 473   |
| 458.7 | 672.2 | 354   |
| 0.0   | 0.0   | 364   |
| 0.1   | 0.0   | 1480  |
| 2.3   | 2.5   | 2505  |
| 0.1   | 0.1   | 2056  |
| 10.5  | 7.4   | 2583  |
| 0.8   | 1.0   | 1997  |
| 7.6   | 5.2   | 3837  |
| 21.1  | 18.6  | 2352  |
| 0.3   | 0.0   | 2559  |
| 0.3   | 0.3   | 2499  |
| 2.8   | 3.9   | 2065  |
| 13.6  | 19.9  | 3740  |
| 0.2   | 0.0   | 3033  |
| 0.3   | 0.0   | 2220  |



|         |        |       |
|---------|--------|-------|
| 7.8     | 4.0    | 8258  |
| 4.8     | 5.6    | 5656  |
| 0.0     | 0.0    | 3154  |
| 9.9     | 4.9    | 2610  |
| 50.8    | 42.0   | 3234  |
| 0.3     | 0.6    | 2107  |
| 0.1     | 0.0    | 5650  |
| 0.1     | 0.0    | 2515  |
| 27.7    | 19.4   | 1965  |
| 0.2     | 0.1    | 4627  |
| 0.9     | 0.9    | 5507  |
| 0.1     | 0.0    | 1901  |
| 1.8     | 1.2    | 71391 |
| 0.0     | 0.0    | 575   |
| 1.3     | 0.3    | 1842  |
| 5.6     | 2.3    | 5342  |
| 0.1     | 0.0    | 1576  |
| 25.8    | 24.2   | 808   |
| 9.7     | 11.6   | 954   |
| 10.7    | 11.7   | 1060  |
| 1.0     | 0.2    | 6499  |
| 0.0     | 0.0    | 4853  |
| 33.5    | 32.0   | 5604  |
| 0.2     | 0.0    | 2051  |
| 6.6     | 12.9   | 2811  |
| 6.8     | 5.5    | 3306  |
| 0.1     | 0.0    | 2980  |
| 2.5     | 1.3    | 4181  |
| 0.9     | 0.0    | 1956  |
| 5465.8  | 4685.4 | 217   |
| 10221.6 | 7512.3 | 144   |
| 2.9     | 2.1    | 4666  |
| 0.0     | 0.0    | 566   |
| 15.8    | 15.3   | 4549  |
| 0.3     | 0.0    | 5190  |
| 0.0     | 0.0    | 3282  |
| 5.1     | 5.3    | 16017 |
| 6.0     | 3.7    | 3585  |
| 21.0    | 27.2   | 3424  |
| 5.9     | 5.4    | 1206  |
| 7.0     | 4.8    | 1295  |
| 3.0     | 5.3    | 1233  |
| 0.2     | 0.4    | 932   |
| 0.1     | 0.0    | 2095  |
| 5.7     | 5.2    | 2232  |
| 14.3    | 11.1   | 3102  |
| 13.0    | 8.3    | 2747  |

|      |      |       |
|------|------|-------|
| 15.4 | 10.4 | 2124  |
| 9.7  | 4.1  | 1928  |
| 0.2  | 0.0  | 3944  |
| 0.0  | 0.0  | 10140 |
| 3.5  | 1.2  | 6910  |
| 3.3  | 2.6  | 1939  |
| 5.4  | 5.6  | 2335  |
| 4.3  | 5.0  | 4763  |
| 0.0  | 0.0  | 4079  |
| 0.6  | 0.2  | 7753  |
| 0.3  | 0.2  | 4824  |
| 4.0  | 2.4  | 2405  |
| 0.1  | 0.0  | 25771 |
| 0.7  | 0.3  | 2915  |
| 6.1  | 3.1  | 2402  |
| 3.7  | 2.1  | 6183  |
| 47.9 | 34.7 | 2683  |
| 1.7  | 0.6  | 7291  |
| 3.5  | 1.6  | 2204  |
| 3.7  | 1.9  | 9351  |
| 6.4  | 4.4  | 7074  |
| 2.1  | 1.1  | 7777  |
| 0.2  | 0.0  | 774   |
| 1.2  | 0.6  | 1139  |
| 64.5 | 60.6 | 9169  |
| 1.4  | 1.2  | 10540 |
| 0.0  | 0.0  | 2519  |
| 2.8  | 1.9  | 10670 |
| 0.0  | 0.1  | 1170  |
| 3.0  | 2.3  | 11291 |
| 0.0  | 0.0  | 589   |
| 1.0  | 0.2  | 2379  |
| 16.0 | 8.6  | 4878  |
| 1.9  | 0.6  | 1516  |
| 2.6  | 1.3  | 5988  |
| 3.1  | 2.3  | 2426  |
| 8.1  | 5.7  | 3832  |
| 0.4  | 0.0  | 1502  |
| 0.1  | 0.0  | 1553  |
| 5.1  | 4.0  | 5261  |
| 1.6  | 1.3  | 2112  |
| 1.3  | 1.1  | 4544  |
| 0.2  | 0.1  | 12068 |
| 0.5  | 0.3  | 10145 |
| 0.0  | 0.0  | 748   |
| 1.1  | 0.9  | 16818 |
| 0.2  | 0.2  | 5452  |

|      |      |       |
|------|------|-------|
| 5.8  | 5.7  | 11209 |
| 0.1  | 0.0  | 3185  |
| 0.0  | 0.0  | 1619  |
| 0.3  | 0.0  | 2130  |
| 0.1  | 0.2  | 1557  |
| 8.9  | 4.8  | 5932  |
| 6.4  | 2.1  | 1865  |
| 0.0  | 0.0  | 29034 |
| 2.2  | 2.3  | 8356  |
| 0.9  | 0.3  | 13347 |
| 3.5  | 1.4  | 14320 |
| 0.4  | 0.0  | 2416  |
| 11.4 | 8.9  | 8253  |
| 15.0 | 14.1 | 2169  |
| 38.2 | 29.5 | 4401  |
| 0.1  | 0.0  | 3466  |
| 0.3  | 0.4  | 1977  |
| 0.5  | 0.2  | 8166  |
| 0.9  | 0.1  | 2872  |
| 4.8  | 3.1  | 4230  |
| 19.9 | 15.0 | 4435  |
| 0.1  | 0.0  | 6605  |
| 8.3  | 8.1  | 6419  |
| 0.0  | 0.0  | 1299  |
| 0.3  | 0.0  | 1163  |
| 0.0  | 0.0  | 24829 |
| 0.0  | 0.0  | 15776 |
| 2.7  | 0.6  | 4410  |
| 50.7 | 47.7 | 2970  |
| 10.2 | 6.8  | 5665  |
| 1.2  | 0.2  | 2844  |
| 8.0  | 4.5  | 2095  |
| 0.0  | 0.5  | 423   |
| 30.1 | 35.5 | 896   |
| 0.0  | 0.3  | 988   |
| 0.7  | 0.3  | 695   |
| 0.1  | 0.0  | 1296  |
| 6.8  | 5.3  | 6095  |
| 1.1  | 1.4  | 1732  |
| 0.6  | 0.3  | 8394  |
| 5.0  | 3.9  | 5026  |
| 0.0  | 0.0  | 3972  |
| 13.8 | 12.4 | 2701  |
| 0.0  | 0.0  | 3122  |
| 1.7  | 0.3  | 9167  |
| 18.3 | 15.5 | 3520  |
| 5.8  | 8.7  | 5472  |

|       |       |       |
|-------|-------|-------|
| 7.6   | 5.0   | 8920  |
| 1.1   | 0.5   | 2177  |
| 0.5   | 0.1   | 7691  |
| 18.4  | 9.8   | 4339  |
| 12.6  | 20.6  | 2171  |
| 1.0   | 0.5   | 1560  |
| 0.2   | 0.0   | 1746  |
| 0.1   | 0.0   | 1651  |
| 0.6   | 0.4   | 2801  |
| 0.2   | 0.1   | 16495 |
| 0.3   | 0.0   | 5235  |
| 80.2  | 63.6  | 5578  |
| 4.7   | 4.7   | 1651  |
| 1.5   | 0.5   | 4867  |
| 0.0   | 0.0   | 6751  |
| 2.4   | 1.1   | 5692  |
| 9.3   | 5.4   | 8152  |
| 8.8   | 4.3   | 8304  |
| 0.2   | 0.0   | 6253  |
| 0.2   | 0.0   | 1852  |
| 0.1   | 0.3   | 8183  |
| 5.9   | 2.8   | 6266  |
| 0.0   | 0.0   | 8489  |
| 1.3   | 0.4   | 2426  |
| 0.3   | 0.1   | 7326  |
| 0.5   | 0.4   | 1441  |
| 0.3   | 0.0   | 2451  |
| 10.7  | 8.1   | 7480  |
| 23.0  | 24.9  | 2399  |
| 2.0   | 3.1   | 2753  |
| 5.6   | 4.1   | 2708  |
| 14.9  | 13.4  | 3656  |
| 9.6   | 11.8  | 5940  |
| 125.5 | 164.5 | 4906  |
| 5.1   | 3.8   | 2780  |
| 21.4  | 21.5  | 8707  |
| 0.3   | 0.1   | 12050 |
| 1.8   | 3.3   | 1674  |
| 69.1  | 83.7  | 2817  |
| 12.2  | 6.9   | 5248  |
| 6.1   | 8.0   | 3144  |
| 2.7   | 1.5   | 10997 |
| 15.6  | 19.6  | 6977  |
| 0.1   | 0.0   | 10775 |
| 22.1  | 21.8  | 3628  |
| 2.1   | 2.6   | 8481  |
| 0.0   | 0.0   | 1055  |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 43    |
| 4.7  | 15.5 | 81    |
| 22.5 | 1.5  | 71    |
| 0.0  | 0.0  | 60    |
| 24.4 | 12.9 | 81    |
| 0.0  | 0.0  | 61    |
| 1.7  | 0.0  | 54    |
| 24.4 | 31.1 | 4090  |
| 0.1  | 0.0  | 18489 |
| 0.1  | 0.0  | 5785  |
| 0.4  | 0.2  | 25208 |
| 1.7  | 1.4  | 3525  |
| 0.0  | 0.0  | 1643  |
| 1.0  | 0.2  | 2347  |
| 0.1  | 0.0  | 3061  |
| 0.0  | 0.0  | 2152  |
| 1.7  | 0.7  | 1834  |
| 0.2  | 0.0  | 582   |
| 0.1  | 0.1  | 2730  |
| 7.1  | 5.8  | 2984  |
| 8.4  | 10.1 | 11747 |
| 0.0  | 0.0  | 453   |
| 29.3 | 20.3 | 3501  |
| 5.1  | 2.1  | 5743  |
| 28.0 | 35.9 | 908   |
| 15.2 | 18.2 | 6584  |
| 3.8  | 4.5  | 1074  |
| 0.2  | 0.1  | 19010 |
| 0.4  | 0.0  | 522   |
| 1.9  | 1.1  | 946   |
| 33.4 | 38.1 | 8656  |
| 0.1  | 0.0  | 2629  |
| 0.0  | 0.0  | 906   |
| 0.6  | 0.0  | 1401  |
| 78.6 | 62.7 | 9459  |
| 7.2  | 5.0  | 2628  |
| 10.2 | 8.5  | 1952  |
| 0.0  | 0.0  | 3250  |
| 2.6  | 1.9  | 12099 |
| 0.3  | 0.0  | 2865  |
| 0.0  | 0.1  | 3894  |
| 0.1  | 0.0  | 1266  |
| 0.4  | 0.0  | 8741  |
| 1.6  | 0.5  | 6513  |
| 8.5  | 8.1  | 16593 |
| 0.0  | 0.0  | 294   |
| 0.1  | 0.0  | 1710  |

|      |      |       |
|------|------|-------|
| 0.2  | 0.0  | 3100  |
| 0.1  | 0.0  | 690   |
| 0.1  | 0.0  | 1892  |
| 0.3  | 0.3  | 21090 |
| 9.6  | 8.0  | 2265  |
| 0.0  | 0.6  | 530   |
| 5.4  | 3.4  | 10996 |
| 20.5 | 13.0 | 1827  |
| 8.3  | 11.1 | 4627  |
| 2.6  | 1.3  | 9369  |
| 3.7  | 4.5  | 2790  |
| 18.4 | 14.8 | 3096  |
| 1.6  | 0.3  | 1001  |
| 0.1  | 0.0  | 9460  |
| 3.0  | 3.9  | 1666  |
| 0.3  | 0.0  | 2595  |
| 0.6  | 0.3  | 5670  |
| 3.3  | 2.8  | 1943  |
| 0.4  | 0.0  | 933   |
| 0.8  | 0.0  | 749   |
| 0.7  | 0.0  | 754   |
| 2.4  | 0.6  | 2548  |
| 4.2  | 3.5  | 5677  |
| 0.0  | 0.0  | 3604  |
| 0.2  | 0.0  | 2620  |
| 2.6  | 1.5  | 5345  |
| 0.0  | 0.0  | 2049  |
| 0.0  | 0.0  | 6954  |
| 4.0  | 1.5  | 6487  |
| 15.8 | 14.4 | 1447  |
| 0.3  | 0.0  | 1783  |
| 0.2  | 0.2  | 2156  |
| 1.4  | 0.2  | 4231  |
| 0.2  | 0.0  | 3885  |
| 8.0  | 8.5  | 4576  |
| 41.3 | 56.1 | 598   |
| 11.4 | 14.9 | 21956 |
| 3.3  | 2.2  | 5397  |
| 0.2  | 0.0  | 4540  |
| 0.1  | 0.0  | 2078  |
| 7.0  | 3.9  | 3220  |
| 22.8 | 20.5 | 4127  |
| 0.0  | 0.0  | 4184  |
| 5.5  | 3.5  | 3741  |
| 2.6  | 1.0  | 2953  |
| 0.1  | 0.0  | 1861  |
| 0.5  | 0.2  | 1335  |

|       |       |       |
|-------|-------|-------|
| 2.0   | 2.4   | 4715  |
| 5.7   | 5.3   | 8248  |
| 13.3  | 1.7   | 1187  |
| 14.7  | 8.9   | 10897 |
| 0.5   | 0.0   | 3651  |
| 29.2  | 18.4  | 4364  |
| 0.2   | 0.0   | 2552  |
| 0.3   | 0.2   | 7500  |
| 9.5   | 6.4   | 6324  |
| 5.1   | 6.5   | 6349  |
| 0.1   | 0.0   | 2689  |
| 0.2   | 0.0   | 3193  |
| 14.3  | 25.9  | 2182  |
| 2.6   | 1.9   | 9351  |
| 9.0   | 6.3   | 4739  |
| 0.0   | 0.0   | 2931  |
| 0.0   | 0.0   | 8135  |
| 43.7  | 43.2  | 1932  |
| 56.9  | 50.4  | 2617  |
| 0.7   | 0.6   | 7086  |
| 0.1   | 0.0   | 3525  |
| 3.8   | 3.8   | 2811  |
| 8.3   | 5.2   | 8044  |
| 341.6 | 342.4 | 17090 |
| 27.4  | 21.9  | 4742  |
| 9.9   | 6.5   | 1061  |
| 0.9   | 0.5   | 990   |
| 0.4   | 0.0   | 6440  |
| 10.9  | 8.6   | 6020  |
| 5.5   | 5.7   | 11975 |
| 34.9  | 35.3  | 7000  |
| 3.6   | 2.3   | 7969  |
| 0.0   | 0.0   | 1617  |
| 0.1   | 0.0   | 3656  |
| 14.9  | 10.9  | 1534  |
| 10.9  | 8.7   | 2472  |
| 90.1  | 61.0  | 137   |
| 0.0   | 0.0   | 72    |
| 195.4 | 64.0  | 80    |
| 3.3   | 3.7   | 85    |
| 2.5   | 1.4   | 3242  |
| 0.7   | 0.0   | 128   |
| 0.0   | 0.0   | 123   |
| 0.4   | 0.0   | 210   |
| 397.0 | 204.7 | 330   |
| 8.2   | 0.0   | 137   |
| 2.1   | 0.0   | 133   |

|         |         |       |
|---------|---------|-------|
| 277.5   | 182.2   | 149   |
| 1221.8  | 548.0   | 113   |
| 695.3   | 172.0   | 102   |
| 66.7    | 101.2   | 96    |
| 772.1   | 603.9   | 106   |
| 0.0     | 0.0     | 74    |
| 0.0     | 0.0     | 86    |
| 20.0    | 9.1     | 80    |
| 1.3     | 0.0     | 75    |
| 6.6     | 2.4     | 86    |
| 12102.4 | 20536.0 | 164   |
| 230.1   | 13.2    | 142   |
| 18.1    | 16.6    | 1563  |
| 58.7    | 103.6   | 741   |
| 6655.6  | 5986.9  | 158   |
| 0.1     | 0.2     | 1543  |
| 1811.4  | 1245.9  | 205   |
| 466.0   | 826.1   | 135   |
| 10266.5 | 22746.7 | 164   |
| 0.0     | 0.0     | 79    |
| 580.2   | 480.4   | 511   |
| 0.2     | 0.0     | 754   |
| 0.0     | 0.0     | 990   |
| 0.0     | 0.1     | 5762  |
| 0.5     | 0.0     | 1077  |
| 0.1     | 0.0     | 1042  |
| 0.0     | 0.0     | 1020  |
| 0.0     | 0.0     | 34742 |
| 2.2     | 1.1     | 5920  |
| 14890.4 | 9251.2  | 164   |
| 7608.9  | 15487.0 | 164   |
| 0.6     | 1.2     | 1529  |
| 0.8     | 0.5     | 8106  |
| 0.1     | 0.0     | 4528  |
| 5.6     | 2.6     | 8154  |
| 0.4     | 0.3     | 1766  |
| 1.3     | 0.6     | 1934  |
| 21.5    | 12.5    | 12688 |
| 0.1     | 0.1     | 6399  |
| 14.7    | 10.7    | 1936  |
| 102.4   | 99.8    | 502   |
| 0.6     | 0.2     | 3196  |
| 0.1     | 0.0     | 7612  |
| 2.5     | 1.8     | 1767  |
| 0.2     | 0.0     | 443   |
| 0.1     | 0.0     | 1212  |
| 0.0     | 0.0     | 388   |



|       |       |       |
|-------|-------|-------|
| 0.3   | 0.2   | 2594  |
| 0.1   | 0.0   | 5013  |
| 0.2   | 0.0   | 1354  |
| 19.3  | 87.3  | 122   |
| 98.8  | 50.5  | 122   |
| 43.2  | 114.7 | 122   |
| 5.7   | 4.0   | 4615  |
| 56.9  | 63.1  | 6310  |
| 0.6   | 0.6   | 3349  |
| 4.4   | 3.3   | 12602 |
| 9.9   | 8.6   | 6630  |
| 0.3   | 0.3   | 22885 |
| 1.3   | 0.2   | 1671  |
| 20.9  | 7.8   | 2731  |
| 0.2   | 0.3   | 2708  |
| 0.5   | 0.3   | 9561  |
| 0.0   | 0.0   | 4615  |
| 5.3   | 4.8   | 5359  |
| 0.0   | 0.0   | 6462  |
| 2.8   | 1.8   | 10814 |
| 4.3   | 5.7   | 3974  |
| 0.0   | 0.0   | 1363  |
| 0.0   | 0.0   | 5556  |
| 0.3   | 0.1   | 3654  |
| 0.0   | 0.0   | 3185  |
| 0.2   | 0.0   | 2855  |
| 5.3   | 5.3   | 1721  |
| 0.2   | 0.0   | 2517  |
| 543.7 | 361.9 | 401   |
| 308.3 | 385.3 | 467   |
| 629.9 | 491.9 | 356   |
| 7.2   | 3.7   | 6670  |
| 4.6   | 1.3   | 7921  |
| 8.2   | 7.9   | 29867 |
| 0.2   | 0.0   | 6422  |
| 15.2  | 7.7   | 1086  |
| 0.0   | 0.0   | 2581  |
| 0.2   | 0.0   | 1840  |
| 2.3   | 2.2   | 14678 |
| 31.4  | 33.1  | 1462  |
| 0.0   | 0.0   | 3047  |
| 14.7  | 9.7   | 7101  |
| 3.9   | 3.3   | 46117 |
| 2.4   | 1.3   | 9927  |
| 39.0  | 44.2  | 995   |
| 14.7  | 11.2  | 4743  |
| 6.4   | 7.0   | 6092  |

|      |      |       |
|------|------|-------|
| 0.2  | 0.0  | 2698  |
| 9.3  | 7.4  | 6917  |
| 35.9 | 32.6 | 1224  |
| 0.1  | 0.0  | 9225  |
| 7.5  | 6.4  | 4355  |
| 0.0  | 0.0  | 11457 |
| 0.3  | 0.2  | 22844 |
| 3.7  | 2.9  | 1720  |
| 10.3 | 5.5  | 15639 |
| 1.6  | 1.4  | 9088  |
| 55.3 | 54.7 | 7160  |
| 3.2  | 0.8  | 5910  |
| 2.9  | 1.3  | 15495 |
| 2.0  | 1.6  | 8450  |
| 0.1  | 0.0  | 6141  |
| 0.1  | 0.0  | 9941  |
| 0.9  | 0.4  | 9737  |
| 4.6  | 3.1  | 2919  |
| 5.2  | 2.3  | 15543 |
| 0.1  | 0.2  | 4353  |
| 2.1  | 2.0  | 5741  |
| 0.4  | 0.2  | 2650  |
| 6.0  | 6.5  | 7455  |
| 0.6  | 1.0  | 1763  |
| 0.4  | 0.0  | 2942  |
| 0.0  | 0.1  | 1989  |
| 11.7 | 9.1  | 3344  |
| 1.3  | 0.2  | 2627  |
| 0.0  | 0.0  | 1173  |
| 14.0 | 21.8 | 1923  |
| 0.2  | 0.0  | 1137  |
| 11.6 | 9.8  | 1488  |
| 37.5 | 31.3 | 1456  |
| 6.7  | 2.3  | 2150  |
| 0.3  | 0.0  | 7923  |
| 0.2  | 0.2  | 9706  |
| 0.1  | 0.0  | 1234  |
| 23.4 | 14.9 | 5614  |
| 2.2  | 1.0  | 4830  |
| 11.5 | 12.0 | 8805  |
| 4.3  | 3.1  | 8168  |
| 28.4 | 28.5 | 1870  |
| 21.3 | 13.7 | 2835  |
| 0.1  | 0.0  | 1303  |
| 17.6 | 17.5 | 1313  |
| 3.2  | 2.1  | 6765  |
| 22.8 | 12.8 | 1435  |

|      |      |       |
|------|------|-------|
| 1.7  | 0.7  | 2959  |
| 0.6  | 0.5  | 15588 |
| 1.4  | 1.1  | 1584  |
| 0.1  | 0.0  | 8677  |
| 20.1 | 20.6 | 3996  |
| 18.4 | 10.9 | 4999  |
| 8.1  | 6.3  | 1167  |
| 0.4  | 0.1  | 2908  |
| 12.3 | 7.0  | 3039  |
| 12.5 | 12.9 | 20632 |
| 27.2 | 35.4 | 5689  |
| 3.3  | 3.6  | 14049 |
| 5.3  | 4.9  | 7642  |
| 0.1  | 0.0  | 5621  |
| 24.8 | 35.2 | 1103  |
| 20.4 | 15.2 | 5109  |
| 0.4  | 0.1  | 6477  |
| 0.1  | 0.0  | 2761  |
| 0.1  | 0.0  | 2829  |
| 1.6  | 1.7  | 3766  |
| 0.2  | 0.1  | 2190  |
| 0.8  | 0.7  | 4758  |
| 1.9  | 1.0  | 2279  |
| 2.9  | 1.4  | 3594  |
| 13.8 | 4.8  | 2763  |
| 0.0  | 0.0  | 8766  |
| 0.7  | 0.1  | 4228  |
| 0.7  | 1.0  | 1531  |
| 0.0  | 0.0  | 5008  |
| 0.5  | 0.1  | 10583 |
| 0.4  | 0.0  | 689   |
| 7.6  | 7.5  | 4417  |
| 0.2  | 0.0  | 3959  |
| 0.1  | 0.0  | 1027  |
| 31.5 | 21.0 | 3904  |
| 13.4 | 9.5  | 948   |
| 0.0  | 0.0  | 12830 |
| 7.2  | 10.6 | 1864  |
| 3.8  | 4.0  | 2460  |
| 9.0  | 4.6  | 12419 |
| 49.1 | 41.6 | 1616  |
| 6.5  | 3.9  | 7838  |
| 10.5 | 8.9  | 27164 |
| 0.4  | 0.0  | 1536  |
| 0.4  | 0.0  | 2875  |
| 5.1  | 4.9  | 2423  |
| 0.0  | 0.0  | 4648  |

|       |       |       |
|-------|-------|-------|
| 4.8   | 3.1   | 9232  |
| 1.9   | 1.1   | 8761  |
| 47.4  | 35.3  | 2622  |
| 0.1   | 0.0   | 4226  |
| 0.1   | 0.0   | 17105 |
| 21.7  | 15.9  | 1155  |
| 20.1  | 20.7  | 600   |
| 1.8   | 1.8   | 15765 |
| 19.2  | 20.3  | 735   |
| 14.6  | 17.9  | 724   |
| 0.3   | 0.1   | 1547  |
| 7.2   | 2.2   | 3054  |
| 4.6   | 4.8   | 5539  |
| 0.0   | 0.0   | 6397  |
| 20.3  | 12.5  | 2519  |
| 3.8   | 3.1   | 16114 |
| 10.9  | 12.8  | 1576  |
| 1.6   | 1.5   | 3727  |
| 1.3   | 1.6   | 1129  |
| 0.7   | 0.7   | 2783  |
| 3.3   | 0.6   | 8736  |
| 32.8  | 31.8  | 1404  |
| 6.6   | 4.7   | 6150  |
| 0.1   | 0.0   | 983   |
| 4.0   | 1.3   | 8460  |
| 0.4   | 0.1   | 3770  |
| 0.0   | 0.0   | 13459 |
| 9.1   | 6.0   | 3295  |
| 2.5   | 2.1   | 26387 |
| 0.1   | 0.0   | 4544  |
| 1.7   | 1.6   | 3118  |
| 0.2   | 0.1   | 7019  |
| 0.2   | 0.0   | 2529  |
| 1.0   | 0.4   | 37027 |
| 0.8   | 0.3   | 7309  |
| 6.5   | 4.6   | 2590  |
| 2.7   | 1.4   | 3901  |
| 0.8   | 0.8   | 1234  |
| 175.1 | 136.7 | 1397  |
| 18.3  | 7.8   | 6550  |
| 0.1   | 0.0   | 4554  |
| 25.1  | 18.7  | 3561  |
| 0.6   | 0.0   | 2793  |
| 0.1   | 0.0   | 2859  |
| 1.5   | 1.1   | 888   |
| 26.6  | 22.0  | 2811  |
| 8.1   | 4.1   | 3244  |

|         |        |       |
|---------|--------|-------|
| 0.3     | 0.0    | 3180  |
| 11.7    | 14.9   | 4624  |
| 0.8     | 0.5    | 4729  |
| 4.1     | 4.1    | 5996  |
| 0.4     | 0.0    | 2346  |
| 0.0     | 0.0    | 1934  |
| 0.1     | 0.1    | 2807  |
| 5.1     | 2.6    | 7755  |
| 11.0    | 6.8    | 7487  |
| 5.9     | 6.5    | 1313  |
| 7.9     | 10.9   | 8764  |
| 2.1     | 1.0    | 10749 |
| 23.5    | 17.4   | 2082  |
| 1.9     | 2.2    | 3487  |
| 6.3     | 4.6    | 5132  |
| 0.1     | 0.0    | 4774  |
| 0.0     | 0.0    | 4228  |
| 5.6     | 2.1    | 1901  |
| 0.6     | 0.6    | 4601  |
| 10.5    | 11.1   | 1266  |
| 0.5     | 0.2    | 2411  |
| 0.0     | 0.0    | 1622  |
| 5.8     | 4.6    | 5505  |
| 0.1     | 0.0    | 3589  |
| 0.0     | 0.0    | 2387  |
| 36.1    | 35.1   | 3628  |
| 3.2     | 1.5    | 9860  |
| 0.3     | 0.0    | 2875  |
| 0.6     | 0.7    | 3123  |
| 0.0     | 0.0    | 4134  |
| 14.6    | 12.5   | 4548  |
| 0.1     | 0.0    | 3377  |
| 0.9     | 0.1    | 3950  |
| 30.1    | 31.5   | 6000  |
| 0.0     | 0.0    | 1534  |
| 0.3     | 0.0    | 5018  |
| 2.2     | 0.8    | 1311  |
| 13.9    | 9.5    | 3847  |
| 11705.0 | 8991.1 | 217   |
| 7091.1  | 6333.0 | 217   |
| 8135.7  | 4279.7 | 217   |
| 0.9     | 0.2    | 9064  |
| 2.2     | 1.1    | 16044 |
| 0.1     | 0.0    | 3462  |
| 5.7     | 5.7    | 3050  |
| 3.0     | 1.6    | 5889  |
| 1.1     | 1.8    | 1742  |

|      |      |       |
|------|------|-------|
| 2.8  | 3.3  | 2816  |
| 0.1  | 0.0  | 3466  |
| 6.1  | 5.9  | 2080  |
| 0.0  | 0.1  | 2155  |
| 4.7  | 3.2  | 10887 |
| 30.5 | 27.8 | 2896  |
| 0.1  | 0.0  | 4718  |
| 5.8  | 4.5  | 5682  |
| 1.3  | 0.6  | 10759 |
| 0.0  | 0.0  | 3356  |
| 0.1  | 0.0  | 3123  |
| 25.8 | 25.7 | 1597  |
| 0.2  | 0.2  | 2105  |
| 76.8 | 63.7 | 3687  |
| 12.7 | 7.8  | 5377  |
| 3.5  | 2.7  | 7619  |
| 5.0  | 3.4  | 4782  |
| 0.3  | 0.1  | 3401  |
| 1.6  | 1.4  | 6412  |
| 5.4  | 4.0  | 2772  |
| 0.1  | 0.0  | 13793 |
| 0.4  | 0.2  | 7444  |
| 0.8  | 0.0  | 500   |
| 0.5  | 0.3  | 13205 |
| 0.1  | 0.0  | 5210  |
| 0.1  | 0.0  | 2787  |
| 52.6 | 49.8 | 3686  |
| 0.1  | 0.0  | 11494 |
| 2.4  | 1.6  | 4165  |
| 0.2  | 0.0  | 548   |
| 0.5  | 0.0  | 5941  |
| 0.0  | 0.0  | 2171  |
| 6.3  | 5.5  | 2437  |
| 4.0  | 2.8  | 2769  |
| 0.5  | 0.0  | 974   |
| 54.2 | 47.3 | 4447  |
| 0.2  | 0.0  | 1862  |
| 0.2  | 0.1  | 2050  |
| 4.4  | 5.3  | 5349  |
| 6.1  | 6.5  | 16726 |
| 8.0  | 4.0  | 2138  |
| 6.1  | 10.0 | 1076  |
| 8.5  | 7.9  | 2234  |
| 10.6 | 9.4  | 2844  |
| 0.2  | 0.0  | 2116  |
| 77.9 | 81.5 | 2551  |
| 7.1  | 3.9  | 11204 |

|        |        |       |
|--------|--------|-------|
| 0.1    | 0.0    | 1595  |
| 0.1    | 0.2    | 4689  |
| 1.2    | 1.4    | 3249  |
| 3.9    | 3.0    | 1796  |
| 22.8   | 18.4   | 4139  |
| 10.1   | 6.3    | 2122  |
| 0.6    | 0.1    | 10200 |
| 6.0    | 2.5    | 6234  |
| 0.1    | 0.0    | 1718  |
| 2.6    | 1.5    | 4685  |
| 0.2    | 0.1    | 5760  |
| 0.0    | 0.0    | 4847  |
| 4.2    | 1.7    | 2296  |
| 1.1    | 0.1    | 2958  |
| 0.0    | 0.0    | 1642  |
| 0.1    | 0.0    | 1792  |
| 5.3    | 4.5    | 3670  |
| 8.3    | 5.8    | 3273  |
| 1.7    | 1.3    | 3725  |
| 0.1    | 0.0    | 3286  |
| 0.3    | 0.0    | 3979  |
| 0.2    | 0.0    | 1029  |
| 0.5    | 0.0    | 2347  |
| 1048.3 | 1293.2 | 847   |
| 0.1    | 0.0    | 3675  |
| 0.1    | 0.0    | 1428  |
| 3.5    | 1.8    | 10053 |
| 2.9    | 1.3    | 10409 |
| 18.0   | 22.0   | 2721  |
| 0.1    | 0.0    | 683   |
| 0.4    | 0.6    | 2725  |
| 30.9   | 31.1   | 1952  |
| 20.0   | 18.3   | 3326  |
| 2.9    | 0.7    | 9618  |
| 0.2    | 0.1    | 1995  |
| 0.0    | 0.0    | 4296  |
| 62.1   | 55.6   | 5866  |
| 15.1   | 9.3    | 5580  |
| 0.1    | 0.0    | 7749  |
| 1.1    | 0.4    | 3735  |
| 0.0    | 0.0    | 445   |
| 0.2    | 0.0    | 2268  |
| 0.1    | 0.0    | 17008 |
| 0.1    | 0.0    | 1926  |
| 32.6   | 32.5   | 7252  |
| 7.4    | 6.4    | 4201  |
| 3.5    | 2.6    | 2964  |

|      |      |       |
|------|------|-------|
| 3.4  | 1.2  | 7208  |
| 0.0  | 0.0  | 741   |
| 0.0  | 0.0  | 2175  |
| 0.6  | 0.4  | 9382  |
| 1.5  | 1.9  | 3854  |
| 0.2  | 0.1  | 4573  |
| 3.1  | 2.7  | 2006  |
| 0.1  | 0.0  | 1047  |
| 0.2  | 0.1  | 3852  |
| 4.9  | 3.9  | 14740 |
| 14.6 | 12.8 | 2497  |
| 0.1  | 0.0  | 847   |
| 0.4  | 0.0  | 2115  |
| 0.1  | 0.0  | 21445 |
| 0.9  | 1.0  | 6571  |
| 3.0  | 1.1  | 3309  |
| 2.8  | 1.4  | 2412  |
| 2.7  | 3.3  | 1439  |
| 7.5  | 5.0  | 2727  |
| 1.1  | 0.6  | 2752  |
| 48.9 | 36.8 | 2633  |
| 4.0  | 2.7  | 3491  |
| 2.3  | 1.1  | 7144  |
| 6.5  | 4.4  | 1257  |
| 4.6  | 0.7  | 3098  |
| 39.7 | 38.6 | 2866  |
| 3.1  | 0.6  | 3032  |
| 0.4  | 0.9  | 1955  |
| 1.8  | 1.0  | 4944  |
| 0.0  | 0.0  | 1497  |
| 3.2  | 3.9  | 5670  |
| 22.7 | 15.3 | 3749  |
| 25.4 | 24.6 | 874   |
| 11.7 | 8.4  | 1343  |
| 14.4 | 11.3 | 6555  |
| 1.7  | 0.8  | 2726  |
| 3.2  | 2.0  | 2886  |
| 0.4  | 0.1  | 1288  |
| 5.0  | 4.3  | 3217  |
| 2.8  | 1.1  | 5284  |
| 0.1  | 0.0  | 1854  |
| 0.5  | 0.4  | 4197  |
| 9.8  | 7.5  | 2158  |
| 9.3  | 6.5  | 2533  |
| 0.9  | 0.0  | 1323  |
| 1.3  | 0.6  | 1128  |
| 0.4  | 0.2  | 2394  |



|        |        |       |
|--------|--------|-------|
| 18.0   | 16.0   | 2722  |
| 2.1    | 1.6    | 5288  |
| 0.0    | 0.0    | 1078  |
| 0.0    | 0.0    | 838   |
| 8.0    | 5.2    | 10390 |
| 0.4    | 0.2    | 12499 |
| 4.3    | 3.1    | 12460 |
| 0.1    | 0.5    | 1569  |
| 1828.0 | 2638.4 | 1852  |
| 0.5    | 0.0    | 4145  |
| 9.5    | 8.0    | 5988  |
| 0.0    | 0.0    | 5341  |
| 4.1    | 1.8    | 1601  |
| 0.1    | 0.0    | 1773  |
| 2.2    | 1.3    | 30511 |
| 1.2    | 0.6    | 2977  |
| 1.0    | 0.2    | 3182  |
| 1.5    | 0.6    | 4798  |
| 0.5    | 0.1    | 14565 |
| 63.8   | 94.3   | 850   |
| 42.9   | 42.1   | 5742  |
| 7.5    | 14.0   | 6268  |
| 16.6   | 16.5   | 1579  |
| 75.0   | 49.2   | 711   |
| 0.1    | 0.0    | 1527  |
| 0.5    | 0.3    | 1201  |
| 0.0    | 0.0    | 5300  |
| 10.7   | 9.8    | 4731  |
| 0.0    | 0.0    | 2715  |
| 0.2    | 0.0    | 928   |
| 0.8    | 0.6    | 2175  |
| 1.6    | 1.4    | 751   |
| 1.3    | 0.6    | 2364  |
| 0.1    | 0.0    | 1734  |
| 302.3  | 483.8  | 949   |
| 0.2    | 0.0    | 1168  |
| 0.1    | 0.0    | 650   |
| 0.0    | 0.0    | 1608  |
| 0.0    | 0.0    | 1404  |
| 0.9    | 0.3    | 2424  |
| 0.4    | 0.0    | 510   |
| 0.7    | 0.0    | 510   |
| 1.4    | 0.4    | 1524  |
| 4.2    | 3.5    | 3550  |
| 0.1    | 0.0    | 1545  |
| 0.0    | 0.0    | 1359  |
| 1.3    | 0.8    | 1923  |

|       |       |       |
|-------|-------|-------|
| 0.1   | 0.1   | 1424  |
| 0.3   | 0.0   | 1902  |
| 0.1   | 0.0   | 891   |
| 0.0   | 0.0   | 716   |
| 0.1   | 0.0   | 4442  |
| 0.0   | 0.1   | 927   |
| 0.0   | 0.0   | 1308  |
| 0.4   | 0.2   | 2583  |
| 4.4   | 3.9   | 1240  |
| 0.1   | 0.0   | 1566  |
| 0.7   | 0.0   | 988   |
| 0.4   | 0.4   | 1080  |
| 0.0   | 0.0   | 459   |
| 19.6  | 20.0  | 2601  |
| 0.7   | 0.2   | 1898  |
| 16.7  | 18.1  | 1890  |
| 0.0   | 0.0   | 1997  |
| 0.0   | 0.0   | 4222  |
| 0.0   | 0.0   | 24570 |
| 8.5   | 8.5   | 1834  |
| 2.1   | 1.6   | 16805 |
| 1.7   | 2.1   | 979   |
| 1.2   | 1.0   | 4068  |
| 10.0  | 10.8  | 4846  |
| 3.2   | 2.0   | 8331  |
| 3.9   | 3.4   | 1704  |
| 0.1   | 0.0   | 2532  |
| 4.9   | 4.5   | 10557 |
| 0.0   | 0.0   | 963   |
| 0.1   | 0.0   | 1033  |
| 9.7   | 10.3  | 8491  |
| 3.6   | 2.1   | 3285  |
| 0.2   | 0.0   | 2360  |
| 0.1   | 0.0   | 1953  |
| 7.5   | 6.2   | 1651  |
| 905.8 | 868.4 | 657   |
| 0.9   | 0.3   | 10733 |
| 0.0   | 0.0   | 6332  |
| 4.4   | 1.7   | 2788  |
| 0.1   | 0.3   | 2375  |
| 0.2   | 0.0   | 2312  |
| 0.1   | 0.1   | 4113  |
| 18.9  | 20.3  | 2366  |
| 38.1  | 36.2  | 994   |
| 19.4  | 19.0  | 1196  |
| 16.6  | 13.1  | 1749  |
| 67.1  | 65.4  | 749   |

|       |       |       |
|-------|-------|-------|
| 17.4  | 25.4  | 1829  |
| 0.5   | 0.0   | 772   |
| 0.3   | 0.1   | 9773  |
| 13.5  | 7.3   | 9874  |
| 0.1   | 0.0   | 1718  |
| 0.2   | 0.0   | 7267  |
| 0.5   | 0.3   | 1561  |
| 32.5  | 47.0  | 968   |
| 5.5   | 2.9   | 4834  |
| 1.2   | 0.2   | 1956  |
| 5.5   | 4.4   | 6262  |
| 0.3   | 0.0   | 1717  |
| 78.1  | 95.2  | 626   |
| 18.0  | 15.1  | 1466  |
| 5.3   | 3.1   | 4187  |
| 5.3   | 4.9   | 6970  |
| 56.3  | 48.6  | 632   |
| 0.3   | 0.0   | 644   |
| 1.0   | 0.6   | 3085  |
| 2.3   | 3.2   | 5768  |
| 72.3  | 82.3  | 1487  |
| 40.5  | 27.6  | 4747  |
| 0.0   | 0.1   | 2012  |
| 1.3   | 0.0   | 1501  |
| 118.2 | 150.1 | 690   |
| 0.4   | 0.2   | 15651 |
| 3.2   | 2.2   | 5341  |
| 0.1   | 0.0   | 723   |
| 24.9  | 15.1  | 4730  |
| 0.9   | 0.2   | 10342 |
| 109.6 | 123.3 | 2089  |
| 7.6   | 8.3   | 1020  |
| 1.1   | 1.4   | 999   |
| 14.3  | 14.4  | 10586 |
| 14.5  | 6.9   | 1050  |
| 2.8   | 0.3   | 680   |
| 0.0   | 0.0   | 482   |
| 0.4   | 0.2   | 666   |
| 0.2   | 0.0   | 2885  |
| 0.2   | 0.1   | 21853 |
| 0.1   | 0.0   | 2509  |
| 1.6   | 1.9   | 3183  |
| 0.2   | 0.0   | 13566 |
| 18.7  | 13.7  | 2603  |
| 7.3   | 4.5   | 14446 |
| 5.4   | 4.6   | 5325  |
| 2.6   | 2.4   | 15963 |

|       |       |       |
|-------|-------|-------|
| 0.5   | 0.2   | 1875  |
| 0.2   | 0.0   | 4815  |
| 20.9  | 6.7   | 1516  |
| 12.6  | 11.3  | 5095  |
| 1.0   | 0.8   | 1926  |
| 10.7  | 13.5  | 1772  |
| 12.1  | 12.3  | 5490  |
| 24.3  | 18.3  | 997   |
| 1.6   | 1.3   | 3452  |
| 0.4   | 0.2   | 3444  |
| 8.8   | 6.4   | 10558 |
| 0.1   | 0.1   | 4424  |
| 8.6   | 7.6   | 3110  |
| 0.1   | 0.0   | 982   |
| 19.6  | 16.4  | 6608  |
| 0.1   | 0.0   | 806   |
| 0.0   | 0.0   | 645   |
| 1.3   | 0.5   | 11688 |
| 0.1   | 0.0   | 1024  |
| 0.0   | 0.2   | 597   |
| 0.1   | 0.0   | 3641  |
| 1.6   | 0.7   | 3275  |
| 3.5   | 0.8   | 2757  |
| 0.1   | 0.0   | 2197  |
| 0.2   | 0.0   | 2768  |
| 1.2   | 0.3   | 934   |
| 105.1 | 110.8 | 1191  |
| 5.1   | 3.9   | 3568  |
| 0.3   | 0.1   | 2018  |
| 2.4   | 1.4   | 11094 |
| 149.2 | 131.8 | 3859  |
| 0.1   | 0.1   | 9136  |
| 0.2   | 0.0   | 2876  |
| 0.4   | 0.0   | 3095  |
| 7.0   | 5.7   | 22333 |
| 5.1   | 4.2   | 3726  |
| 0.1   | 0.0   | 5997  |
| 2.2   | 1.6   | 18276 |
| 2.8   | 2.7   | 5653  |
| 10.6  | 4.2   | 4583  |
| 1.9   | 1.5   | 4789  |
| 0.5   | 0.5   | 6061  |
| 0.0   | 0.0   | 1472  |
| 1.7   | 1.3   | 36646 |
| 1.2   | 0.3   | 4953  |
| 0.4   | 0.0   | 4612  |
| 0.1   | 0.0   | 1228  |

|       |       |       |
|-------|-------|-------|
| 12.8  | 2.5   | 7531  |
| 4.8   | 4.0   | 5559  |
| 17.4  | 20.5  | 3887  |
| 5.8   | 3.2   | 3831  |
| 1.9   | 2.2   | 9645  |
| 35.8  | 33.7  | 676   |
| 51.3  | 56.9  | 723   |
| 0.4   | 0.1   | 1927  |
| 0.3   | 0.1   | 1464  |
| 128.9 | 158.1 | 523   |
| 0.0   | 0.0   | 2562  |
| 0.0   | 0.0   | 25467 |
| 0.6   | 0.3   | 3625  |
| 29.1  | 16.6  | 4009  |
| 2.0   | 2.0   | 3493  |
| 24.8  | 22.2  | 1578  |
| 2.2   | 2.0   | 12075 |
| 2.2   | 0.9   | 7442  |
| 0.2   | 0.0   | 1893  |
| 3.4   | 0.9   | 5659  |
| 2.8   | 1.7   | 3686  |
| 9.3   | 4.6   | 8412  |
| 595.4 | 650.9 | 2805  |
| 1.1   | 1.1   | 10187 |
| 6.4   | 3.6   | 3333  |
| 14.9  | 14.1  | 2687  |
| 0.0   | 0.0   | 2602  |
| 0.7   | 0.1   | 2882  |
| 29.2  | 25.4  | 8224  |
| 0.6   | 0.0   | 1084  |
| 4.2   | 0.9   | 3655  |
| 0.2   | 0.0   | 774   |
| 18.0  | 17.9  | 3703  |
| 15.3  | 8.4   | 3616  |
| 11.2  | 12.8  | 4218  |
| 0.2   | 0.0   | 778   |
| 15.6  | 16.9  | 4893  |
| 4.4   | 2.0   | 4436  |
| 1.6   | 2.5   | 2302  |
| 0.3   | 0.0   | 6717  |
| 0.0   | 0.0   | 18362 |
| 34.1  | 15.0  | 880   |
| 0.3   | 0.2   | 7617  |
| 0.1   | 0.0   | 5231  |
| 0.4   | 0.1   | 4093  |
| 0.2   | 0.0   | 2010  |
| 2.9   | 1.6   | 11149 |

|        |        |       |
|--------|--------|-------|
| 0.3    | 0.0    | 2974  |
| 1.2    | 1.1    | 6792  |
| 0.0    | 0.0    | 10085 |
| 2.0    | 1.0    | 3898  |
| 42.3   | 42.3   | 1138  |
| 1.8    | 1.5    | 4387  |
| 5.1    | 3.3    | 3803  |
| 3.1    | 2.4    | 2323  |
| 3.4    | 1.8    | 3268  |
| 1.0    | 0.2    | 10425 |
| 0.1    | 0.2    | 2233  |
| 3.9    | 2.7    | 4270  |
| 0.2    | 0.0    | 3758  |
| 0.2    | 0.0    | 2067  |
| 0.0    | 0.0    | 5892  |
| 6.2    | 5.6    | 3654  |
| 1.9    | 0.5    | 4114  |
| 4.9    | 5.2    | 2679  |
| 9.4    | 10.1   | 1496  |
| 1.6    | 0.9    | 5743  |
| 760.2  | 967.3  | 737   |
| 3.9    | 2.9    | 3861  |
| 0.6    | 0.3    | 1182  |
| 11.2   | 10.1   | 2953  |
| 0.1    | 0.0    | 1149  |
| 0.8    | 0.2    | 7314  |
| 7.2    | 5.6    | 13473 |
| 0.2    | 0.0    | 1771  |
| 6.1    | 3.6    | 13647 |
| 0.3    | 0.3    | 6333  |
| 0.2    | 0.0    | 5777  |
| 0.4    | 0.1    | 10625 |
| 3.7    | 1.8    | 3905  |
| 13.6   | 8.7    | 3495  |
| 17.5   | 16.1   | 722   |
| 0.0    | 0.2    | 2664  |
| 0.4    | 0.4    | 1318  |
| 15.7   | 11.1   | 2474  |
| 2.5    | 0.7    | 5174  |
| 13.1   | 6.5    | 3844  |
| 0.0    | 0.0    | 2894  |
| 15.0   | 10.4   | 1371  |
| 8.3    | 8.8    | 4712  |
| 0.0    | 0.0    | 990   |
| 1544.9 | 1508.7 | 829   |
| 0.1    | 0.0    | 2366  |
| 10.1   | 7.2    | 7006  |

|      |      |       |
|------|------|-------|
| 0.3  | 0.2  | 5943  |
| 40.2 | 41.6 | 9946  |
| 0.1  | 0.0  | 9239  |
| 0.1  | 0.0  | 15232 |
| 2.7  | 3.3  | 2514  |
| 9.8  | 10.0 | 6660  |
| 36.9 | 27.8 | 3445  |
| 5.4  | 9.8  | 4287  |
| 2.2  | 1.4  | 7142  |
| 8.2  | 5.4  | 9499  |
| 0.0  | 0.0  | 1611  |
| 0.1  | 0.0  | 724   |
| 0.0  | 0.0  | 3569  |
| 2.4  | 1.2  | 4246  |
| 3.0  | 1.2  | 6188  |
| 0.6  | 0.0  | 742   |
| 1.0  | 0.0  | 2428  |
| 6.2  | 2.3  | 8740  |
| 0.0  | 0.0  | 3569  |
| 0.5  | 0.0  | 2398  |
| 5.8  | 3.4  | 2805  |
| 6.7  | 4.1  | 4903  |
| 0.5  | 0.3  | 16072 |
| 0.2  | 0.0  | 3419  |
| 4.6  | 4.2  | 2173  |
| 0.0  | 0.0  | 6574  |
| 1.7  | 0.3  | 3645  |
| 0.3  | 0.1  | 1870  |
| 0.2  | 0.0  | 6582  |
| 0.1  | 0.0  | 3033  |
| 0.2  | 0.7  | 622   |
| 0.0  | 0.0  | 2308  |
| 0.0  | 0.0  | 4791  |
| 6.9  | 4.7  | 1902  |
| 9.0  | 7.0  | 2196  |
| 0.0  | 0.1  | 6026  |
| 0.4  | 0.3  | 4435  |
| 0.2  | 0.0  | 537   |
| 0.4  | 0.0  | 2009  |
| 5.6  | 3.9  | 2228  |
| 0.5  | 0.0  | 2542  |
| 29.4 | 51.1 | 3601  |
| 14.4 | 4.2  | 1598  |
| 8.6  | 7.6  | 2129  |
| 6.0  | 5.2  | 1250  |
| 38.6 | 28.5 | 1890  |
| 61.7 | 60.1 | 4806  |

|       |       |       |
|-------|-------|-------|
| 0.2   | 0.1   | 2266  |
| 1.1   | 0.2   | 2911  |
| 26.0  | 50.5  | 738   |
| 0.1   | 0.0   | 2744  |
| 2.0   | 1.7   | 1881  |
| 65.5  | 38.5  | 2197  |
| 0.8   | 0.3   | 7355  |
| 0.4   | 1.2   | 628   |
| 16.4  | 11.6  | 6668  |
| 0.0   | 0.0   | 442   |
| 30.5  | 25.2  | 2211  |
| 262.9 | 259.6 | 1514  |
| 196.7 | 204.8 | 1085  |
| 0.2   | 0.6   | 2384  |
| 2.6   | 2.8   | 5106  |
| 24.3  | 23.4  | 1627  |
| 23.7  | 17.4  | 5673  |
| 159.5 | 146.4 | 1677  |
| 0.0   | 0.0   | 1218  |
| 0.3   | 0.0   | 1886  |
| 0.0   | 0.0   | 684   |
| 0.1   | 0.0   | 1317  |
| 0.3   | 0.2   | 5102  |
| 6.5   | 2.6   | 6468  |
| 0.3   | 0.2   | 10075 |
| 23.1  | 18.0  | 3318  |
| 4.0   | 1.7   | 3963  |
| 5.8   | 6.9   | 2876  |
| 0.6   | 0.0   | 783   |
| 43.4  | 33.1  | 1145  |
| 145.8 | 166.9 | 456   |
| 245.3 | 157.8 | 448   |
| 257.0 | 305.4 | 439   |
| 0.0   | 0.0   | 1475  |
| 115.3 | 137.2 | 370   |
| 0.3   | 0.0   | 2470  |
| 17.7  | 11.6  | 3696  |
| 0.3   | 0.4   | 2861  |
| 0.1   | 0.0   | 1762  |
| 11.3  | 9.8   | 3016  |
| 0.1   | 0.0   | 15327 |
| 0.3   | 0.0   | 2379  |
| 0.3   | 0.2   | 5914  |
| 1.0   | 1.0   | 978   |
| 0.0   | 0.0   | 5339  |
| 1.2   | 0.4   | 10133 |
| 15.7  | 13.0  | 1768  |



|      |      |       |
|------|------|-------|
| 2.8  | 1.2  | 1293  |
| 1.4  | 1.4  | 2806  |
| 18.0 | 13.6 | 2508  |
| 56.0 | 68.0 | 1981  |
| 0.3  | 0.3  | 2697  |
| 47.6 | 31.1 | 11412 |
| 3.1  | 2.0  | 5765  |
| 0.2  | 0.2  | 2834  |
| 7.9  | 7.5  | 25211 |
| 4.4  | 3.6  | 28189 |
| 2.5  | 2.1  | 7971  |
| 0.5  | 0.4  | 10955 |
| 0.1  | 0.0  | 2455  |
| 3.3  | 2.1  | 3348  |
| 85.5 | 95.0 | 2949  |
| 30.3 | 25.9 | 4345  |
| 5.1  | 5.3  | 2770  |
| 3.5  | 4.3  | 3963  |
| 0.7  | 0.3  | 4320  |
| 0.1  | 0.0  | 6666  |
| 4.0  | 3.2  | 4507  |
| 0.3  | 0.0  | 1101  |
| 0.0  | 0.0  | 640   |
| 5.2  | 7.0  | 2036  |
| 3.3  | 2.2  | 8979  |
| 0.0  | 0.0  | 1085  |
| 83.2 | 61.3 | 1900  |
| 0.0  | 0.0  | 4848  |
| 33.9 | 35.4 | 2953  |
| 0.1  | 0.0  | 1501  |
| 7.9  | 7.9  | 6970  |
| 2.9  | 1.0  | 3373  |
| 0.2  | 0.0  | 2412  |
| 0.0  | 0.0  | 342   |
| 9.1  | 2.0  | 1797  |
| 2.5  | 1.6  | 8623  |
| 0.0  | 0.0  | 1816  |
| 1.0  | 0.9  | 1803  |
| 0.4  | 0.1  | 1738  |
| 1.7  | 2.5  | 25526 |
| 0.2  | 0.0  | 1604  |
| 0.0  | 0.0  | 776   |
| 0.7  | 1.1  | 4817  |
| 0.0  | 0.0  | 2679  |
| 0.4  | 0.1  | 24958 |
| 7.3  | 8.6  | 7819  |
| 2.1  | 1.5  | 13216 |

|        |        |       |
|--------|--------|-------|
| 2.3    | 1.2    | 1892  |
| 0.0    | 0.0    | 18104 |
| 5.4    | 2.8    | 10450 |
| 5.1    | 2.4    | 12813 |
| 2.8    | 1.7    | 3344  |
| 0.0    | 0.0    | 7295  |
| 234.9  | 218.6  | 2439  |
| 0.1    | 0.1    | 15194 |
| 14.4   | 21.1   | 1991  |
| 0.2    | 0.1    | 7445  |
| 0.8    | 0.3    | 1347  |
| 8.3    | 5.5    | 3956  |
| 26.0   | 46.2   | 2690  |
| 3.3    | 3.4    | 3258  |
| 0.2    | 0.0    | 5757  |
| 0.0    | 0.0    | 641   |
| 3.6    | 4.3    | 1396  |
| 2.9    | 2.4    | 4937  |
| 1347.5 | 1438.2 | 890   |
| 1.9    | 0.2    | 1114  |
| 0.0    | 0.0    | 2802  |
| 3.3    | 2.7    | 1927  |
| 1.0    | 0.3    | 9978  |
| 0.1    | 0.0    | 5024  |
| 0.0    | 0.0    | 1141  |
| 0.0    | 0.0    | 4814  |
| 2.1    | 0.6    | 6035  |
| 7.3    | 6.4    | 5262  |
| 1.6    | 0.5    | 838   |
| 11.9   | 9.6    | 1899  |
| 33.3   | 28.4   | 1433  |
| 0.1    | 0.1    | 1876  |
| 29.0   | 12.1   | 1487  |
| 0.1    | 0.0    | 936   |
| 7.0    | 5.9    | 2129  |
| 4.4    | 6.0    | 4349  |
| 0.0    | 0.3    | 2069  |
| 11.4   | 7.5    | 7592  |
| 3.7    | 2.2    | 2746  |
| 129.4  | 102.3  | 4578  |
| 39.3   | 18.8   | 4809  |
| 0.6    | 0.6    | 2484  |
| 22.0   | 22.1   | 467   |
| 1.5    | 0.7    | 4916  |
| 0.0    | 0.0    | 1158  |
| 0.2    | 0.0    | 1001  |
| 58.1   | 38.0   | 8890  |

|       |       |       |
|-------|-------|-------|
| 31.2  | 32.7  | 7915  |
| 15.1  | 19.2  | 7650  |
| 1.1   | 1.1   | 2648  |
| 161.6 | 137.5 | 1624  |
| 17.1  | 12.5  | 4358  |
| 1.2   | 1.0   | 4277  |
| 0.1   | 0.0   | 2587  |
| 16.2  | 6.1   | 2167  |
| 9.6   | 5.9   | 2182  |
| 2.1   | 0.8   | 3330  |
| 81.1  | 94.5  | 965   |
| 77.2  | 51.9  | 3556  |
| 42.0  | 45.9  | 1454  |
| 0.1   | 0.0   | 5551  |
| 0.2   | 0.0   | 1835  |
| 0.0   | 0.3   | 2745  |
| 11.1  | 9.3   | 9847  |
| 18.6  | 14.9  | 1473  |
| 0.1   | 0.0   | 1500  |
| 0.2   | 0.3   | 16716 |
| 11.1  | 4.9   | 1121  |
| 86.3  | 92.1  | 6788  |
| 35.5  | 29.0  | 1536  |
| 0.9   | 1.4   | 2687  |
| 0.3   | 0.1   | 1934  |
| 9.0   | 7.7   | 2522  |
| 5.9   | 8.3   | 2637  |
| 1.2   | 1.1   | 8096  |
| 20.3  | 12.1  | 1017  |
| 34.8  | 28.4  | 2268  |
| 1.1   | 0.8   | 12951 |
| 50.1  | 43.7  | 2797  |
| 36.2  | 38.9  | 1432  |
| 6.7   | 5.4   | 1344  |
| 2.6   | 2.2   | 4919  |
| 13.8  | 7.8   | 5483  |
| 0.6   | 0.5   | 606   |
| 2.1   | 1.1   | 8446  |
| 4.8   | 2.9   | 7853  |
| 18.9  | 11.8  | 4716  |
| 27.0  | 24.6  | 1603  |
| 0.0   | 0.0   | 506   |
| 0.2   | 0.1   | 3042  |
| 0.2   | 0.4   | 2473  |
| 0.0   | 0.0   | 2661  |
| 53.3  | 74.4  | 1510  |
| 3.3   | 2.0   | 1438  |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 3163  |
| 2.7  | 2.7  | 6774  |
| 5.5  | 2.3  | 7255  |
| 2.7  | 2.8  | 5943  |
| 54.2 | 64.6 | 1759  |
| 7.5  | 7.0  | 8916  |
| 0.2  | 0.3  | 3048  |
| 2.3  | 1.6  | 3487  |
| 0.5  | 0.1  | 2388  |
| 0.1  | 0.0  | 2692  |
| 0.0  | 0.1  | 14472 |
| 1.7  | 2.0  | 3050  |
| 19.0 | 40.1 | 799   |
| 1.2  | 1.1  | 3546  |
| 5.2  | 3.8  | 2617  |
| 0.6  | 0.0  | 3109  |
| 1.9  | 0.6  | 2353  |
| 0.0  | 0.0  | 5290  |
| 0.7  | 0.2  | 5509  |
| 6.9  | 6.5  | 4991  |
| 6.9  | 5.5  | 2925  |
| 0.5  | 0.5  | 3225  |
| 30.2 | 16.7 | 6637  |
| 2.8  | 0.8  | 3855  |
| 0.8  | 0.6  | 6030  |
| 0.5  | 0.2  | 7263  |
| 13.7 | 9.1  | 6210  |
| 0.1  | 0.0  | 3381  |
| 5.8  | 3.3  | 21429 |
| 8.2  | 6.3  | 2119  |
| 16.1 | 11.6 | 2100  |
| 23.4 | 17.8 | 4625  |
| 0.0  | 0.0  | 4865  |
| 65.9 | 40.9 | 1758  |
| 18.2 | 24.2 | 2143  |
| 2.0  | 1.2  | 3318  |
| 2.6  | 0.6  | 4049  |
| 1.9  | 2.1  | 1895  |
| 0.2  | 0.2  | 2693  |
| 0.1  | 0.0  | 7257  |
| 0.0  | 0.0  | 2910  |
| 2.4  | 2.4  | 2254  |
| 1.0  | 0.4  | 1643  |
| 5.2  | 3.2  | 6508  |
| 0.0  | 0.0  | 1844  |
| 0.0  | 0.0  | 1165  |
| 6.0  | 7.5  | 2830  |

|      |      |       |
|------|------|-------|
| 7.7  | 5.7  | 5190  |
| 1.6  | 0.6  | 5489  |
| 25.1 | 44.2 | 823   |
| 0.3  | 0.4  | 5132  |
| 14.7 | 14.8 | 4262  |
| 12.9 | 20.0 | 844   |
| 4.5  | 3.3  | 2949  |
| 0.0  | 0.0  | 2248  |
| 0.0  | 0.0  | 9542  |
| 16.1 | 12.4 | 1708  |
| 10.9 | 7.5  | 20313 |
| 0.5  | 0.0  | 4419  |
| 6.9  | 8.2  | 8291  |
| 26.7 | 19.8 | 4519  |
| 0.7  | 0.5  | 5680  |
| 4.3  | 1.1  | 2519  |
| 1.3  | 1.2  | 585   |
| 0.2  | 0.0  | 517   |
| 6.2  | 5.8  | 2345  |
| 11.9 | 17.2 | 2505  |
| 0.1  | 0.0  | 16157 |
| 2.3  | 0.7  | 1896  |
| 3.3  | 4.4  | 7138  |
| 4.3  | 4.3  | 6376  |
| 2.6  | 2.6  | 1658  |
| 9.0  | 9.1  | 2857  |
| 5.6  | 3.8  | 8743  |
| 5.3  | 4.6  | 7586  |
| 0.0  | 0.2  | 553   |
| 5.2  | 3.9  | 15355 |
| 31.6 | 21.9 | 5905  |
| 1.4  | 0.5  | 2825  |
| 0.1  | 0.0  | 3727  |
| 0.0  | 0.0  | 4043  |
| 0.6  | 0.0  | 2645  |
| 3.4  | 2.6  | 2068  |
| 0.0  | 0.0  | 1989  |
| 1.2  | 0.7  | 1703  |
| 0.0  | 0.0  | 8227  |
| 0.0  | 3.3  | 63    |
| 10.5 | 6.0  | 5267  |
| 1.1  | 0.3  | 20328 |
| 1.6  | 1.1  | 2308  |
| 25.6 | 31.4 | 2383  |
| 0.1  | 0.8  | 1634  |
| 13.6 | 10.5 | 3660  |
| 0.4  | 0.0  | 1342  |

|        |        |       |
|--------|--------|-------|
| 0.1    | 0.0    | 3711  |
| 2.9    | 2.1    | 6470  |
| 158.1  | 157.1  | 1048  |
| 6.6    | 4.9    | 61559 |
| 4.9    | 3.6    | 7630  |
| 34.0   | 39.5   | 2809  |
| 1.4    | 0.9    | 3270  |
| 0.7    | 0.5    | 14056 |
| 0.6    | 0.3    | 1907  |
| 129.3  | 157.3  | 1064  |
| 14.6   | 7.6    | 5956  |
| 11.0   | 10.6   | 13266 |
| 0.6    | 0.5    | 4096  |
| 36.8   | 31.5   | 2081  |
| 27.4   | 43.1   | 536   |
| 0.1    | 0.0    | 7267  |
| 3.2    | 3.2    | 3223  |
| 15.3   | 11.5   | 3232  |
| 1.1    | 0.1    | 15512 |
| 0.4    | 0.1    | 10572 |
| 5.9    | 3.5    | 10723 |
| 13.5   | 11.7   | 5794  |
| 0.1    | 0.0    | 5715  |
| 16.5   | 16.7   | 3401  |
| 2.7    | 2.3    | 5556  |
| 0.3    | 0.0    | 1450  |
| 0.0    | 0.0    | 10008 |
| 0.0    | 0.0    | 509   |
| 0.0    | 0.0    | 224   |
| 8.1    | 5.8    | 2666  |
| 0.0    | 0.0    | 3875  |
| 0.0    | 0.0    | 2383  |
| 0.4    | 0.4    | 1472  |
| 2.8    | 2.5    | 5121  |
| 15.2   | 11.5   | 4696  |
| 0.9    | 0.0    | 5183  |
| 12.6   | 13.2   | 2359  |
| 8.8    | 2.4    | 4713  |
| 25.3   | 23.6   | 4577  |
| 4.4    | 2.6    | 5242  |
| 26.0   | 20.0   | 5195  |
| 1.3    | 0.9    | 2338  |
| 33.3   | 38.5   | 1060  |
| 0.2    | 0.6    | 543   |
| 315.1  | 479.5  | 130   |
| 1248.4 | 2289.7 | 125   |
| 5.0    | 4.7    | 5326  |

|       |       |       |
|-------|-------|-------|
| 14.6  | 12.7  | 1689  |
| 2.9   | 2.5   | 2337  |
| 8.2   | 3.7   | 34819 |
| 44.7  | 46.6  | 719   |
| 2.4   | 1.1   | 875   |
| 7.2   | 2.7   | 3682  |
| 0.6   | 0.3   | 2475  |
| 3.0   | 0.9   | 6556  |
| 6.2   | 3.2   | 3813  |
| 20.6  | 14.8  | 5284  |
| 2.6   | 1.6   | 5121  |
| 1.5   | 0.7   | 20313 |
| 3.9   | 3.0   | 5161  |
| 0.1   | 0.0   | 3716  |
| 3.7   | 3.0   | 9273  |
| 6.3   | 7.3   | 683   |
| 2.3   | 2.2   | 1501  |
| 38.0  | 33.2  | 1919  |
| 0.3   | 0.0   | 4226  |
| 0.1   | 0.0   | 4077  |
| 3.5   | 2.1   | 5701  |
| 21.2  | 16.2  | 4428  |
| 0.0   | 0.2   | 465   |
| 0.8   | 0.6   | 5108  |
| 3.6   | 1.3   | 6509  |
| 1.8   | 0.7   | 3274  |
| 0.1   | 0.0   | 1301  |
| 25.1  | 28.0  | 1170  |
| 25.4  | 23.9  | 2599  |
| 12.7  | 10.3  | 2544  |
| 5.8   | 5.1   | 2932  |
| 0.1   | 0.0   | 1774  |
| 5.3   | 2.6   | 8032  |
| 159.0 | 167.8 | 8702  |
| 0.9   | 0.7   | 13964 |
| 17.8  | 11.5  | 6527  |
| 4.6   | 3.0   | 3020  |
| 11.3  | 12.5  | 2742  |
| 0.5   | 0.5   | 15061 |
| 35.8  | 38.9  | 3531  |
| 4.9   | 3.3   | 4043  |
| 1.4   | 1.1   | 2565  |
| 11.9  | 8.9   | 3760  |
| 3.7   | 1.6   | 4712  |
| 0.3   | 0.2   | 5867  |
| 0.0   | 0.0   | 6422  |
| 5.1   | 3.6   | 1290  |

|      |      |       |
|------|------|-------|
| 0.1  | 0.0  | 3175  |
| 2.3  | 0.0  | 1611  |
| 3.0  | 0.1  | 1611  |
| 3.0  | 0.1  | 1611  |
| 2.0  | 0.0  | 1611  |
| 8.0  | 7.8  | 18928 |
| 22.5 | 23.7 | 7416  |
| 0.2  | 0.0  | 1883  |
| 0.2  | 0.1  | 2310  |
| 0.0  | 0.0  | 7349  |
| 0.2  | 0.0  | 4494  |
| 9.6  | 7.8  | 2210  |
| 13.6 | 6.3  | 4579  |
| 0.0  | 0.0  | 3779  |
| 6.5  | 8.0  | 2099  |
| 1.4  | 0.6  | 9412  |
| 4.3  | 2.7  | 10448 |
| 0.5  | 0.1  | 3131  |
| 0.4  | 0.3  | 16286 |
| 16.9 | 18.3 | 2120  |
| 81.0 | 80.9 | 436   |
| 0.3  | 0.3  | 3588  |
| 2.8  | 3.9  | 4234  |
| 0.9  | 1.2  | 2057  |
| 16.2 | 11.4 | 1071  |
| 0.1  | 0.1  | 3369  |
| 5.9  | 3.9  | 1152  |
| 0.1  | 0.0  | 7949  |
| 3.1  | 2.3  | 5892  |
| 2.0  | 1.3  | 2141  |
| 1.0  | 0.2  | 3144  |
| 22.4 | 9.0  | 9553  |
| 4.3  | 3.3  | 3811  |
| 0.0  | 0.0  | 1229  |
| 0.1  | 0.1  | 9694  |
| 0.5  | 0.7  | 1731  |
| 2.9  | 2.3  | 1611  |
| 1.2  | 0.7  | 9840  |
| 19.5 | 17.2 | 1615  |
| 11.4 | 6.2  | 6671  |
| 5.6  | 8.2  | 13203 |
| 2.2  | 2.8  | 6452  |
| 39.7 | 31.1 | 5780  |
| 20.9 | 18.8 | 6363  |
| 0.0  | 0.1  | 6040  |
| 0.2  | 0.0  | 12707 |
| 0.0  | 0.0  | 1907  |



|      |      |       |
|------|------|-------|
| 0.1  | 0.0  | 15308 |
| 2.9  | 2.7  | 4633  |
| 4.2  | 3.3  | 3273  |
| 3.1  | 3.5  | 3702  |
| 1.9  | 2.5  | 8286  |
| 0.7  | 0.3  | 1716  |
| 1.6  | 0.8  | 7635  |
| 0.1  | 0.3  | 2740  |
| 1.7  | 0.7  | 9259  |
| 0.0  | 0.0  | 2587  |
| 0.0  | 0.0  | 30313 |
| 0.0  | 0.0  | 1175  |
| 0.0  | 0.0  | 16496 |
| 0.2  | 0.0  | 5909  |
| 8.7  | 8.4  | 18199 |
| 10.0 | 6.8  | 3599  |
| 38.1 | 27.5 | 2311  |
| 0.4  | 0.2  | 9933  |
| 0.7  | 0.6  | 5051  |
| 0.0  | 0.0  | 793   |
| 2.7  | 1.3  | 4350  |
| 30.9 | 20.4 | 7931  |
| 8.4  | 11.4 | 10573 |
| 75.1 | 98.3 | 480   |
| 27.1 | 26.5 | 2146  |
| 2.4  | 1.8  | 3031  |
| 0.8  | 0.5  | 5089  |
| 22.0 | 19.4 | 2221  |
| 12.6 | 17.1 | 8761  |
| 4.6  | 2.9  | 14139 |
| 0.0  | 0.0  | 2716  |
| 4.9  | 4.7  | 5778  |
| 6.1  | 4.8  | 7654  |
| 7.4  | 8.3  | 2150  |
| 3.2  | 5.1  | 1245  |
| 0.6  | 0.6  | 3957  |
| 49.2 | 41.7 | 2194  |
| 13.8 | 10.7 | 2305  |
| 5.6  | 2.8  | 3525  |
| 6.1  | 3.3  | 8564  |
| 4.0  | 4.0  | 7769  |
| 3.3  | 1.4  | 4852  |
| 0.4  | 0.4  | 3830  |
| 10.7 | 6.4  | 3993  |
| 0.0  | 0.2  | 4530  |
| 4.6  | 4.9  | 2413  |
| 0.7  | 0.7  | 20721 |

|        |        |       |
|--------|--------|-------|
| 7.6    | 8.1    | 4858  |
| 24.0   | 18.6   | 11581 |
| 0.6    | 0.1    | 10391 |
| 0.0    | 0.0    | 4276  |
| 0.0    | 0.0    | 29363 |
| 0.6    | 0.8    | 9157  |
| 0.1    | 0.0    | 2627  |
| 8.1    | 10.9   | 2380  |
| 0.1    | 0.0    | 11967 |
| 20.9   | 18.9   | 9225  |
| 2.3    | 2.3    | 21819 |
| 2.4    | 1.3    | 20365 |
| 1.5    | 1.5    | 8522  |
| 0.1    | 0.0    | 8339  |
| 0.1    | 0.0    | 11317 |
| 7.0    | 5.7    | 14166 |
| 4.3    | 4.4    | 2044  |
| 5.4    | 4.3    | 3200  |
| 0.2    | 0.0    | 1942  |
| 0.2    | 0.0    | 6855  |
| 0.0    | 0.0    | 13100 |
| 0.1    | 0.0    | 6088  |
| 0.1    | 0.0    | 2573  |
| 0.0    | 0.0    | 621   |
| 6.9    | 1.6    | 4482  |
| 0.3    | 0.0    | 3669  |
| 2.5    | 0.9    | 5449  |
| 0.1    | 0.2    | 1574  |
| 0.5    | 0.3    | 27660 |
| 0.3    | 0.1    | 4441  |
| 13.0   | 10.6   | 6129  |
| 0.1    | 0.1    | 10315 |
| 21.6   | 14.1   | 5144  |
| 0.7    | 0.0    | 1650  |
| 12.8   | 8.3    | 20230 |
| 4.9    | 1.1    | 5049  |
| 0.0    | 0.0    | 37140 |
| 0.8    | 0.6    | 10468 |
| 2692.9 | 1604.1 | 138   |
| 40.3   | 15.6   | 348   |
| 0.0    | 0.0    | 4419  |
| 0.0    | 0.0    | 8953  |
| 1.6    | 1.9    | 14572 |
| 0.0    | 0.0    | 4631  |
| 0.0    | 0.0    | 6878  |
| 30.4   | 25.4   | 2437  |
| 2.4    | 2.4    | 2744  |

|      |      |       |
|------|------|-------|
| 36.3 | 34.8 | 4891  |
| 0.5  | 0.9  | 1591  |
| 0.1  | 0.0  | 19432 |
| 19.4 | 7.9  | 1876  |
| 0.2  | 0.1  | 8110  |
| 25.2 | 13.6 | 5677  |
| 1.0  | 0.7  | 2646  |
| 23.2 | 21.9 | 2591  |
| 13.5 | 14.8 | 2211  |
| 14.3 | 10.3 | 2088  |
| 0.6  | 0.4  | 31932 |
| 8.8  | 5.8  | 5184  |
| 11.5 | 13.3 | 6951  |
| 7.6  | 2.9  | 3396  |
| 3.8  | 2.7  | 3123  |
| 2.0  | 2.1  | 17507 |
| 1.8  | 0.8  | 2408  |
| 0.1  | 0.1  | 10396 |
| 0.9  | 0.7  | 4527  |
| 0.1  | 0.0  | 7087  |
| 0.0  | 0.0  | 2336  |
| 5.1  | 3.8  | 17022 |
| 7.6  | 5.1  | 7447  |
| 0.0  | 0.1  | 3045  |
| 9.9  | 11.4 | 4142  |
| 0.9  | 0.6  | 29462 |
| 0.0  | 0.0  | 908   |
| 0.0  | 0.0  | 1876  |
| 2.5  | 1.3  | 8765  |
| 0.0  | 0.0  | 923   |
| 0.0  | 0.0  | 273   |
| 0.1  | 0.0  | 4364  |
| 0.0  | 0.0  | 2803  |
| 0.3  | 0.2  | 2608  |
| 0.2  | 0.0  | 1775  |
| 17.2 | 35.0 | 912   |
| 5.4  | 4.1  | 1892  |
| 7.6  | 5.5  | 18265 |
| 9.4  | 5.8  | 12086 |
| 3.0  | 2.1  | 2128  |
| 0.1  | 0.0  | 2579  |
| 2.0  | 2.4  | 2770  |
| 0.4  | 0.2  | 2290  |
| 0.3  | 0.0  | 2216  |
| 0.0  | 0.0  | 2837  |
| 0.2  | 0.0  | 3093  |
| 4.5  | 2.7  | 5860  |

|         |          |       |
|---------|----------|-------|
| 12.0    | 11.5     | 3420  |
| 4.5     | 3.7      | 1678  |
| 25.5    | 15.0     | 3118  |
| 35.9    | 20.5     | 10341 |
| 0.1     | 0.0      | 2679  |
| 0.2     | 0.0      | 1059  |
| 32.8    | 28.0     | 3291  |
| 16.3    | 8.9      | 7674  |
| 2.9     | 3.0      | 4260  |
| 11.9    | 8.6      | 7124  |
| 0.2     | 0.1      | 8320  |
| 0.2     | 0.0      | 2831  |
| 0.1     | 0.0      | 3416  |
| 0.5     | 0.6      | 4940  |
| 1.1     | 0.6      | 10011 |
| 6.1     | 4.6      | 8143  |
| 0.1     | 0.0      | 5674  |
| 7.8     | 6.3      | 11997 |
| 0.1     | 0.0      | 1413  |
| 0.1     | 0.0      | 4520  |
| 0.1     | 0.0      | 774   |
| 14.4    | 4.0      | 5804  |
| 22.0    | 16.9     | 1824  |
| 2.0     | 1.3      | 8079  |
| 1.9     | 1.5      | 21223 |
| 0.2     | 0.2      | 14531 |
| 0.2     | 0.0      | 1767  |
| 11.7    | 8.4      | 5160  |
| 9.0     | 3.0      | 6500  |
| 0.2     | 0.2      | 10504 |
| 0.0     | 0.0      | 812   |
| 0.0     | 0.0      | 821   |
| 1.7     | 1.6      | 3005  |
| 0.0     | 0.0      | 81869 |
| 0.5     | 1.9      | 924   |
| 0.0     | 0.0      | 3056  |
| 7.4     | 3.4      | 6165  |
| 0.0     | 0.0      | 762   |
| 40378.9 | 19955.1  | 121   |
| 19448.9 | 21700.0  | 121   |
| 11859.4 | 116652.6 | 121   |
| 12968.5 | 50537.7  | 121   |
| 11928.7 | 102353.4 | 121   |
| 16250.7 | 24943.9  | 121   |
| 21138.6 | 79847.3  | 121   |
| 3.3     | 3.7      | 2506  |
| 14248.9 | 33464.8  | 121   |

|         |         |       |
|---------|---------|-------|
| 19065.9 | 12826.2 | 121   |
| 21881.2 | 14112.9 | 121   |
| 14189.7 | 33169.7 | 121   |
| 18864.4 | 24414.1 | 121   |
| 26559.7 | 13303.4 | 121   |
| 16722.4 | 60120.0 | 121   |
| 0.3     | 0.0     | 1663  |
| 55497.2 | 47886.6 | 121   |
| 27900.0 | 33319.0 | 121   |
| 8763.2  | 13402.7 | 121   |
| 0.1     | 0.0     | 22528 |
| 2.7     | 1.5     | 2252  |
| 12.4    | 11.4    | 3352  |
| 7.9     | 5.6     | 3542  |
| 1.1     | 1.4     | 3193  |
| 0.0     | 0.0     | 4113  |
| 0.0     | 0.0     | 21140 |
| 1.3     | 1.7     | 2631  |
| 3.0     | 1.8     | 4686  |
| 1.8     | 2.3     | 8561  |
| 1.5     | 0.6     | 4204  |
| 3.5     | 1.2     | 7830  |
| 1.0     | 0.4     | 5634  |
| 41.3    | 42.2    | 954   |
| 0.0     | 0.0     | 491   |
| 0.7     | 0.7     | 3406  |
| 0.0     | 0.0     | 1484  |
| 39.7    | 49.3    | 2138  |
| 8.7     | 5.0     | 3707  |
| 0.9     | 0.5     | 4641  |
| 12.5    | 8.3     | 8479  |
| 1.9     | 2.3     | 14115 |
| 0.9     | 0.2     | 3068  |
| 20.1    | 16.4    | 1660  |
| 12.3    | 11.7    | 3879  |
| 0.6     | 0.1     | 2418  |
| 0.1     | 0.0     | 3113  |
| 3.3     | 2.3     | 5697  |
| 1.0     | 0.9     | 2786  |
| 4.8     | 1.5     | 6146  |
| 5.3     | 2.4     | 15244 |
| 4.3     | 2.5     | 1922  |
| 1.8     | 1.0     | 2821  |
| 6.2     | 4.8     | 4284  |
| 0.1     | 0.0     | 4786  |
| 0.1     | 0.0     | 2394  |
| 0.5     | 0.4     | 2732  |

|      |      |       |
|------|------|-------|
| 7.0  | 5.4  | 5620  |
| 1.7  | 1.4  | 4671  |
| 0.2  | 0.1  | 8412  |
| 0.3  | 0.3  | 16206 |
| 6.3  | 2.7  | 6140  |
| 0.0  | 0.0  | 1899  |
| 4.9  | 3.7  | 1782  |
| 0.0  | 0.0  | 2988  |
| 3.8  | 3.1  | 6868  |
| 51.9 | 60.9 | 1422  |
| 0.8  | 1.9  | 2383  |
| 5.2  | 2.0  | 5368  |
| 3.8  | 1.8  | 3281  |
| 3.5  | 2.6  | 10789 |
| 0.1  | 0.0  | 6014  |
| 0.1  | 0.3  | 736   |
| 0.3  | 0.1  | 5090  |
| 0.6  | 0.1  | 6987  |
| 23.6 | 21.4 | 4032  |
| 0.1  | 0.0  | 2309  |
| 1.9  | 1.4  | 6552  |
| 2.7  | 1.3  | 2512  |
| 0.5  | 0.3  | 2564  |
| 0.1  | 0.3  | 5434  |
| 3.4  | 5.0  | 3091  |
| 4.5  | 0.8  | 8529  |
| 14.2 | 10.3 | 1244  |
| 0.2  | 0.0  | 9339  |
| 2.4  | 0.7  | 4490  |
| 6.4  | 5.1  | 7916  |
| 0.8  | 0.7  | 9346  |
| 0.3  | 0.0  | 2490  |
| 4.8  | 5.0  | 6780  |
| 10.2 | 8.7  | 4077  |
| 0.2  | 0.1  | 5858  |
| 3.9  | 1.3  | 2199  |
| 35.5 | 31.5 | 3747  |
| 0.1  | 0.0  | 14496 |
| 2.6  | 1.5  | 5723  |
| 16.5 | 11.0 | 3249  |
| 0.1  | 0.0  | 855   |
| 10.3 | 6.4  | 2986  |
| 14.1 | 16.9 | 1635  |
| 0.0  | 0.0  | 14568 |
| 2.8  | 5.4  | 1932  |
| 2.6  | 2.0  | 4665  |
| 0.1  | 0.1  | 15823 |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 3373  |
| 3.6  | 2.5  | 4547  |
| 2.2  | 1.0  | 4186  |
| 3.4  | 2.7  | 3764  |
| 0.2  | 0.2  | 4814  |
| 2.7  | 0.7  | 9300  |
| 2.4  | 1.7  | 3140  |
| 7.8  | 3.7  | 2271  |
| 0.7  | 0.0  | 2272  |
| 0.0  | 0.0  | 358   |
| 3.2  | 4.2  | 2208  |
| 0.6  | 0.4  | 469   |
| 1.2  | 0.5  | 2477  |
| 0.0  | 0.0  | 2779  |
| 6.9  | 5.0  | 6311  |
| 0.2  | 0.1  | 14854 |
| 1.5  | 1.2  | 3190  |
| 5.9  | 2.9  | 5454  |
| 0.0  | 0.0  | 370   |
| 0.3  | 0.0  | 654   |
| 0.5  | 0.3  | 9991  |
| 0.6  | 0.4  | 7043  |
| 1.6  | 0.4  | 5023  |
| 3.3  | 2.4  | 14512 |
| 23.7 | 21.6 | 2102  |
| 3.3  | 2.0  | 1662  |
| 2.7  | 1.3  | 17134 |
| 3.6  | 3.7  | 3218  |
| 1.0  | 0.4  | 2064  |
| 0.6  | 0.3  | 7500  |
| 0.1  | 0.1  | 17373 |
| 9.9  | 10.8 | 2282  |
| 0.0  | 0.0  | 3178  |
| 7.9  | 7.7  | 4339  |
| 2.8  | 1.3  | 2160  |
| 1.0  | 0.9  | 11326 |
| 69.7 | 59.5 | 784   |
| 2.3  | 1.8  | 7018  |
| 0.1  | 0.0  | 1511  |
| 0.5  | 0.8  | 4074  |
| 8.0  | 2.9  | 2495  |
| 2.9  | 2.1  | 3149  |
| 0.0  | 0.0  | 8874  |
| 16.7 | 13.2 | 3865  |
| 3.9  | 4.4  | 6919  |
| 20.6 | 12.2 | 3900  |
| 0.3  | 0.0  | 3711  |

|      |      |       |
|------|------|-------|
| 7.9  | 6.0  | 6139  |
| 3.0  | 3.4  | 15946 |
| 2.6  | 0.7  | 3475  |
| 0.3  | 0.2  | 11756 |
| 0.0  | 0.0  | 9448  |
| 5.9  | 5.0  | 4106  |
| 0.2  | 0.0  | 10033 |
| 0.1  | 0.0  | 5802  |
| 7.1  | 7.5  | 2356  |
| 0.1  | 0.0  | 5429  |
| 4.2  | 4.5  | 2318  |
| 19.3 | 18.2 | 9887  |
| 8.5  | 7.1  | 2122  |
| 0.6  | 0.7  | 2105  |
| 0.2  | 0.2  | 11665 |
| 46.0 | 37.8 | 2888  |
| 0.1  | 0.0  | 4484  |
| 14.5 | 14.5 | 5395  |
| 9.8  | 9.4  | 3076  |
| 12.7 | 9.2  | 3750  |
| 0.5  | 0.0  | 2306  |
| 7.1  | 6.4  | 11846 |
| 0.4  | 0.0  | 1897  |
| 0.0  | 0.0  | 23121 |
| 3.8  | 5.8  | 38363 |
| 0.0  | 0.0  | 2943  |
| 11.1 | 12.9 | 12098 |
| 1.3  | 0.5  | 2730  |
| 21.0 | 23.8 | 2340  |
| 9.7  | 9.8  | 1906  |
| 1.0  | 0.6  | 4322  |
| 0.2  | 0.1  | 3998  |
| 8.7  | 6.5  | 21937 |
| 0.6  | 0.6  | 6376  |
| 21.2 | 18.8 | 5270  |
| 4.7  | 3.6  | 17229 |
| 0.0  | 0.0  | 782   |
| 2.8  | 1.5  | 3115  |
| 0.2  | 0.2  | 3641  |
| 0.1  | 0.0  | 8549  |
| 2.6  | 2.6  | 19843 |
| 0.1  | 0.0  | 4947  |
| 10.7 | 11.3 | 5392  |
| 4.6  | 3.2  | 4214  |
| 0.1  | 0.0  | 996   |
| 2.8  | 1.6  | 3553  |
| 0.7  | 0.3  | 4470  |



|      |      |        |
|------|------|--------|
| 31.8 | 41.0 | 685    |
| 28.1 | 26.9 | 1399   |
| 0.2  | 0.2  | 6368   |
| 5.2  | 3.3  | 5675   |
| 0.5  | 0.1  | 22127  |
| 1.5  | 1.6  | 2142   |
| 27.3 | 25.5 | 2480   |
| 0.2  | 0.0  | 2354   |
| 2.1  | 1.0  | 11393  |
| 9.5  | 2.5  | 2410   |
| 1.3  | 0.4  | 6306   |
| 6.6  | 6.8  | 2043   |
| 0.1  | 0.0  | 2395   |
| 1.4  | 0.9  | 1708   |
| 0.1  | 0.0  | 1710   |
| 9.7  | 7.7  | 5401   |
| 5.2  | 2.8  | 2943   |
| 0.1  | 0.1  | 1699   |
| 0.2  | 0.0  | 5245   |
| 1.9  | 1.2  | 2844   |
| 0.3  | 0.0  | 3946   |
| 0.4  | 0.1  | 2179   |
| 0.8  | 0.0  | 2229   |
| 0.5  | 0.0  | 1212   |
| 0.2  | 0.0  | 1532   |
| 5.8  | 4.9  | 4857   |
| 0.0  | 0.0  | 6041   |
| 0.1  | 0.0  | 992    |
| 0.9  | 0.7  | 3780   |
| 4.4  | 2.6  | 5464   |
| 0.4  | 0.0  | 2906   |
| 27.5 | 15.5 | 4222   |
| 0.7  | 0.7  | 4498   |
| 2.6  | 1.0  | 3932   |
| 1.6  | 1.4  | 24995  |
| 1.4  | 0.8  | 20619  |
| 37.1 | 31.8 | 4214   |
| 0.1  | 0.0  | 3509   |
| 0.3  | 0.2  | 5392   |
| 9.1  | 8.9  | 3229   |
| 0.2  | 0.3  | 967    |
| 0.2  | 0.0  | 3413   |
| 33.2 | 44.4 | 1100   |
| 0.1  | 0.1  | 2626   |
| 0.3  | 0.1  | 3635   |
| 0.0  | 0.0  | 311336 |
| 1.7  | 1.9  | 2295   |

|       |       |       |
|-------|-------|-------|
| 10.5  | 10.9  | 2714  |
| 151.5 | 115.3 | 2006  |
| 8.4   | 4.5   | 4265  |
| 3.8   | 4.0   | 4058  |
| 0.2   | 0.0   | 4707  |
| 6.6   | 5.1   | 2750  |
| 0.5   | 0.3   | 608   |
| 1.1   | 0.6   | 1323  |
| 3.6   | 3.1   | 3548  |
| 0.1   | 0.0   | 647   |
| 2.1   | 1.9   | 24753 |
| 0.1   | 0.0   | 2882  |
| 0.0   | 0.0   | 1566  |
| 55.1  | 54.4  | 1654  |
| 0.6   | 0.0   | 6864  |
| 0.0   | 0.0   | 3949  |
| 2.2   | 1.3   | 2017  |
| 2.8   | 2.7   | 2596  |
| 1.6   | 0.4   | 7275  |
| 0.0   | 0.0   | 7547  |
| 1.4   | 0.7   | 9890  |
| 0.0   | 0.0   | 1197  |
| 12.7  | 11.4  | 2032  |
| 1.2   | 3.0   | 1602  |
| 0.0   | 0.1   | 2842  |
| 28.5  | 27.1  | 2059  |
| 105.4 | 102.4 | 420   |
| 2.7   | 1.0   | 7723  |
| 0.0   | 0.0   | 4678  |
| 1.4   | 1.3   | 12804 |
| 0.2   | 0.0   | 1548  |
| 0.5   | 0.1   | 1954  |
| 0.0   | 0.0   | 2850  |
| 1.9   | 0.7   | 2970  |
| 1.0   | 0.6   | 6500  |
| 5.4   | 5.7   | 4654  |
| 5.7   | 4.2   | 4102  |
| 2.6   | 2.9   | 4417  |
| 0.8   | 0.7   | 4636  |
| 119.8 | 66.1  | 801   |
| 0.0   | 0.0   | 2312  |
| 0.3   | 0.0   | 1125  |
| 1.1   | 1.1   | 12122 |
| 3.7   | 3.5   | 2381  |
| 0.1   | 0.0   | 3690  |
| 0.2   | 0.0   | 4059  |
| 10.8  | 8.8   | 3514  |

|      |      |       |
|------|------|-------|
| 5.6  | 2.7  | 3859  |
| 0.0  | 0.0  | 2077  |
| 12.3 | 12.9 | 1469  |
| 3.9  | 2.6  | 2995  |
| 0.2  | 0.0  | 5897  |
| 0.0  | 0.0  | 4322  |
| 0.2  | 0.0  | 3305  |
| 0.2  | 0.0  | 2528  |
| 0.7  | 0.3  | 2736  |
| 0.1  | 0.0  | 5226  |
| 9.4  | 6.4  | 21525 |
| 0.7  | 0.0  | 2141  |
| 0.2  | 0.0  | 1230  |
| 0.1  | 0.0  | 5847  |
| 1.5  | 0.6  | 12593 |
| 11.8 | 10.4 | 2359  |
| 0.0  | 0.0  | 1372  |
| 1.0  | 1.5  | 5072  |
| 0.3  | 0.1  | 1518  |
| 3.3  | 4.1  | 8492  |
| 0.0  | 0.0  | 3055  |
| 0.1  | 0.2  | 2680  |
| 1.9  | 1.2  | 4479  |
| 4.8  | 2.3  | 1298  |
| 0.4  | 1.1  | 877   |
| 6.7  | 3.8  | 4461  |
| 2.3  | 1.8  | 2651  |
| 37.5 | 46.8 | 1350  |
| 0.0  | 0.1  | 2271  |
| 0.0  | 0.0  | 2226  |
| 0.1  | 0.0  | 913   |
| 0.0  | 0.1  | 3080  |
| 0.2  | 0.0  | 4044  |
| 10.2 | 6.6  | 5335  |
| 0.2  | 0.0  | 1614  |
| 1.5  | 0.3  | 10046 |
| 1.0  | 0.4  | 3328  |
| 6.9  | 7.5  | 4717  |
| 5.6  | 3.1  | 7606  |
| 26.2 | 36.1 | 11280 |
| 9.7  | 8.4  | 1295  |
| 2.9  | 0.9  | 2780  |
| 26.9 | 28.3 | 3586  |
| 0.1  | 0.0  | 3270  |
| 0.4  | 0.3  | 3145  |
| 0.2  | 0.0  | 3732  |
| 46.9 | 35.9 | 2803  |

|       |       |       |
|-------|-------|-------|
| 1.1   | 0.1   | 1610  |
| 0.0   | 0.0   | 1793  |
| 0.2   | 0.0   | 1834  |
| 2.5   | 1.3   | 1568  |
| 1.2   | 0.7   | 6648  |
| 0.6   | 0.0   | 456   |
| 3.8   | 3.4   | 12600 |
| 0.0   | 0.0   | 521   |
| 1.3   | 0.6   | 5338  |
| 0.6   | 0.3   | 2701  |
| 0.8   | 0.8   | 8153  |
| 0.6   | 0.6   | 1998  |
| 0.0   | 0.0   | 654   |
| 165.0 | 91.1  | 133   |
| 1.7   | 0.5   | 10883 |
| 89.9  | 109.2 | 132   |
| 5.7   | 7.3   | 4576  |
| 0.0   | 0.0   | 14388 |
| 0.7   | 0.0   | 134   |
| 7.7   | 7.9   | 3505  |
| 1.8   | 2.3   | 4770  |
| 0.0   | 0.0   | 1173  |
| 3.4   | 1.7   | 17134 |
| 0.0   | 0.0   | 1422  |
| 0.1   | 0.0   | 10995 |
| 0.0   | 0.0   | 1621  |
| 0.4   | 0.2   | 3302  |
| 17.3  | 10.6  | 3060  |
| 1.6   | 0.4   | 4099  |
| 2.5   | 0.6   | 5973  |
| 3.8   | 4.4   | 10026 |
| 0.1   | 0.0   | 6415  |
| 0.2   | 0.1   | 5395  |
| 1.4   | 0.4   | 4059  |
| 2.1   | 2.5   | 21588 |
| 0.0   | 0.0   | 1915  |
| 0.9   | 0.4   | 5628  |
| 18.9  | 28.1  | 468   |
| 6.7   | 2.9   | 2640  |
| 3.8   | 3.6   | 2989  |
| 10.5  | 9.6   | 16568 |
| 13.9  | 11.6  | 3134  |
| 142.3 | 51.1  | 137   |
| 238.5 | 147.6 | 278   |
| 3.4   | 2.7   | 8761  |
| 0.5   | 0.0   | 4385  |
| 1.9   | 1.6   | 2412  |

|      |      |       |
|------|------|-------|
| 1.1  | 0.4  | 1644  |
| 2.8  | 3.3  | 6591  |
| 0.0  | 0.0  | 1699  |
| 4.6  | 2.5  | 3577  |
| 0.0  | 0.0  | 2677  |
| 1.7  | 0.5  | 7955  |
| 2.2  | 2.1  | 23310 |
| 5.0  | 2.2  | 3861  |
| 0.1  | 0.1  | 4630  |
| 2.4  | 1.5  | 2777  |
| 0.0  | 0.0  | 17789 |
| 0.0  | 0.0  | 3142  |
| 0.0  | 0.0  | 5354  |
| 3.3  | 5.8  | 1300  |
| 1.4  | 0.4  | 7210  |
| 0.1  | 0.2  | 3890  |
| 10.1 | 4.9  | 17057 |
| 0.2  | 0.0  | 1007  |
| 7.4  | 9.1  | 15292 |
| 0.5  | 0.2  | 8255  |
| 2.3  | 1.5  | 6011  |
| 77.1 | 86.9 | 2445  |
| 0.5  | 0.0  | 3027  |
| 11.5 | 12.1 | 2949  |
| 1.7  | 1.5  | 13549 |
| 12.6 | 15.9 | 7888  |
| 0.1  | 0.0  | 3939  |
| 4.1  | 3.2  | 6162  |
| 1.8  | 1.2  | 16131 |
| 0.0  | 0.0  | 131   |
| 25.1 | 22.5 | 637   |
| 5.6  | 6.7  | 7191  |
| 0.1  | 0.0  | 1321  |
| 3.6  | 2.6  | 14483 |
| 3.8  | 3.0  | 3641  |
| 26.1 | 50.2 | 861   |
| 0.1  | 0.1  | 23946 |
| 38.9 | 38.0 | 4214  |
| 0.5  | 1.1  | 879   |
| 0.4  | 0.2  | 8502  |
| 6.5  | 6.6  | 2412  |
| 1.1  | 0.7  | 3778  |
| 12.4 | 11.1 | 10132 |
| 0.8  | 1.5  | 1832  |
| 0.3  | 0.4  | 4449  |
| 1.8  | 1.6  | 16740 |
| 36.7 | 30.4 | 2546  |

|      |      |       |
|------|------|-------|
| 2.0  | 0.8  | 16206 |
| 14.5 | 14.6 | 3741  |
| 1.0  | 0.9  | 11703 |
| 0.0  | 0.0  | 2769  |
| 0.0  | 0.0  | 822   |
| 0.1  | 0.0  | 8408  |
| 6.3  | 7.6  | 3309  |
| 0.0  | 0.0  | 531   |
| 0.1  | 0.0  | 8300  |
| 0.1  | 0.0  | 18081 |
| 0.0  | 0.0  | 3519  |
| 0.7  | 0.4  | 10945 |
| 0.0  | 0.0  | 3922  |
| 0.2  | 0.0  | 1742  |
| 1.4  | 1.6  | 7020  |
| 6.3  | 6.8  | 7592  |
| 0.9  | 0.7  | 8864  |
| 0.2  | 0.0  | 1644  |
| 2.5  | 2.5  | 9382  |
| 0.2  | 0.3  | 610   |
| 18.8 | 15.4 | 8270  |
| 8.6  | 7.3  | 15003 |
| 0.1  | 0.0  | 5137  |
| 0.1  | 0.0  | 3409  |
| 0.6  | 0.1  | 2853  |
| 0.0  | 0.0  | 9606  |
| 0.6  | 0.9  | 3378  |
| 5.5  | 5.7  | 6640  |
| 31.0 | 34.4 | 7124  |
| 1.5  | 1.3  | 9158  |
| 1.1  | 0.2  | 4492  |
| 0.3  | 0.2  | 3313  |
| 0.1  | 0.0  | 4278  |
| 2.5  | 1.4  | 10953 |
| 0.0  | 0.0  | 813   |
| 0.6  | 0.0  | 1847  |
| 0.4  | 0.0  | 1847  |
| 0.3  | 0.0  | 1847  |
| 0.3  | 0.0  | 1847  |
| 0.3  | 0.0  | 1847  |
| 0.0  | 0.0  | 4848  |
| 0.7  | 1.0  | 3023  |
| 0.0  | 0.0  | 12795 |
| 0.3  | 0.0  | 2943  |
| 1.2  | 1.3  | 3889  |
| 0.1  | 0.7  | 2189  |
| 6.3  | 5.4  | 5366  |

|       |       |       |
|-------|-------|-------|
| 0.1   | 0.0   | 6603  |
| 0.0   | 0.0   | 7270  |
| 0.2   | 0.0   | 908   |
| 4.2   | 2.8   | 2285  |
| 0.3   | 0.1   | 1717  |
| 6.0   | 5.8   | 16326 |
| 261.0 | 282.8 | 986   |
| 1.3   | 1.5   | 4149  |
| 24.3  | 12.8  | 3172  |
| 0.9   | 0.2   | 1902  |
| 24.1  | 16.8  | 10496 |
| 1.7   | 0.5   | 2281  |
| 12.7  | 11.1  | 10808 |
| 0.1   | 0.0   | 4843  |
| 18.2  | 27.2  | 4286  |
| 19.2  | 16.8  | 1715  |
| 15.3  | 5.9   | 2427  |
| 0.8   | 1.0   | 6483  |
| 5.4   | 3.1   | 7813  |
| 0.7   | 0.7   | 705   |
| 85.8  | 67.9  | 855   |
| 0.0   | 0.0   | 564   |
| 4.3   | 3.4   | 1789  |
| 49.5  | 50.6  | 1363  |
| 0.0   | 0.0   | 2175  |
| 0.3   | 0.0   | 2759  |
| 13.3  | 10.6  | 5378  |
| 2.8   | 0.9   | 6733  |
| 0.5   | 0.1   | 3056  |
| 1.5   | 1.0   | 4370  |
| 0.6   | 0.2   | 2533  |
| 0.0   | 0.0   | 2099  |
| 0.4   | 0.9   | 1052  |
| 0.1   | 0.0   | 1507  |
| 1.1   | 1.2   | 5154  |
| 0.2   | 0.0   | 946   |
| 2.1   | 1.9   | 12156 |
| 5.4   | 4.0   | 17920 |
| 11.7  | 7.0   | 2085  |
| 1.8   | 1.3   | 11028 |
| 1.4   | 0.5   | 1801  |
| 2.0   | 1.0   | 4052  |
| 3.3   | 1.1   | 1132  |
| 0.4   | 0.5   | 2494  |
| 11.5  | 12.1  | 4782  |
| 4.7   | 2.6   | 2684  |
| 14.9  | 10.8  | 12016 |

|       |      |       |
|-------|------|-------|
| 1.0   | 1.5  | 575   |
| 5.0   | 1.8  | 4792  |
| 22.5  | 14.7 | 1271  |
| 0.2   | 0.0  | 4488  |
| 0.7   | 0.6  | 4546  |
| 0.6   | 0.5  | 5572  |
| 5.7   | 3.6  | 2618  |
| 1.0   | 0.3  | 1471  |
| 6.4   | 3.5  | 5768  |
| 9.4   | 7.6  | 6075  |
| 1.9   | 1.9  | 3232  |
| 2.0   | 1.4  | 14411 |
| 4.2   | 5.5  | 3068  |
| 4.1   | 2.2  | 12997 |
| 2.3   | 1.9  | 4396  |
| 1.7   | 0.7  | 3659  |
| 0.4   | 0.0  | 1291  |
| 0.0   | 0.0  | 629   |
| 115.8 | 69.9 | 109   |
| 3.2   | 1.5  | 5581  |
| 6.3   | 4.4  | 2667  |
| 0.5   | 0.3  | 2799  |
| 0.0   | 0.0  | 23531 |
| 26.6  | 21.2 | 5462  |
| 1.3   | 0.9  | 2210  |
| 0.5   | 0.0  | 1198  |
| 13.2  | 14.2 | 2133  |
| 0.6   | 0.2  | 2586  |
| 0.1   | 0.1  | 10411 |
| 14.6  | 17.5 | 4448  |
| 25.3  | 13.9 | 1453  |
| 0.2   | 0.0  | 506   |
| 0.0   | 0.0  | 515   |
| 2.1   | 1.6  | 2750  |
| 0.0   | 0.0  | 4697  |
| 0.8   | 0.9  | 665   |
| 12.7  | 8.4  | 4137  |
| 2.0   | 1.3  | 13842 |
| 1.8   | 1.6  | 33677 |
| 3.5   | 2.3  | 4219  |
| 0.0   | 0.0  | 1677  |
| 0.0   | 0.0  | 6878  |
| 0.0   | 0.0  | 1000  |
| 0.4   | 0.2  | 5187  |
| 2.8   | 1.9  | 3961  |
| 97.4  | 68.6 | 3779  |
| 0.1   | 0.0  | 3747  |



|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 20491 |
| 3.8  | 4.2  | 4506  |
| 3.2  | 1.5  | 9510  |
| 5.3  | 3.7  | 5370  |
| 11.7 | 6.2  | 12996 |
| 16.2 | 9.8  | 3945  |
| 0.0  | 0.0  | 1219  |
| 14.1 | 11.5 | 9526  |
| 0.4  | 0.8  | 1891  |
| 9.7  | 7.2  | 2701  |
| 0.0  | 0.0  | 916   |
| 2.7  | 2.2  | 6299  |
| 0.0  | 0.0  | 3297  |
| 4.0  | 1.2  | 3848  |
| 1.9  | 1.3  | 13414 |
| 7.3  | 7.1  | 3238  |
| 0.7  | 0.3  | 1012  |
| 0.0  | 0.0  | 5750  |
| 0.4  | 0.1  | 2785  |
| 0.0  | 0.0  | 12926 |
| 1.3  | 1.7  | 9347  |
| 0.7  | 0.6  | 6727  |
| 0.0  | 0.0  | 717   |
| 25.6 | 22.3 | 3491  |
| 1.0  | 0.9  | 454   |
| 33.1 | 42.9 | 1370  |
| 1.3  | 0.9  | 10539 |
| 27.0 | 23.5 | 2610  |
| 1.4  | 1.0  | 9960  |
| 0.1  | 0.2  | 1994  |
| 0.7  | 0.8  | 3411  |
| 0.1  | 0.0  | 2347  |
| 1.8  | 1.0  | 3318  |
| 0.1  | 0.0  | 6339  |
| 20.8 | 17.7 | 1983  |
| 5.3  | 3.0  | 6581  |
| 5.8  | 3.7  | 5235  |
| 0.0  | 0.0  | 1821  |
| 1.3  | 0.6  | 5590  |
| 29.2 | 22.4 | 3648  |
| 0.1  | 0.0  | 6017  |
| 4.9  | 3.9  | 5195  |
| 2.4  | 2.6  | 5999  |
| 1.9  | 0.7  | 1362  |
| 3.4  | 4.2  | 1091  |
| 0.3  | 0.1  | 9663  |
| 2.3  | 1.0  | 3886  |

|       |       |       |
|-------|-------|-------|
| 26.2  | 27.4  | 1153  |
| 0.2   | 0.0   | 3936  |
| 11.1  | 8.1   | 2590  |
| 12.8  | 11.4  | 1560  |
| 0.0   | 0.0   | 2521  |
| 32.5  | 32.3  | 3471  |
| 3.3   | 3.0   | 6486  |
| 29.3  | 15.3  | 4178  |
| 0.4   | 0.0   | 2661  |
| 3.1   | 6.4   | 818   |
| 22.7  | 14.4  | 1599  |
| 0.0   | 0.0   | 6055  |
| 3.3   | 2.4   | 9576  |
| 11.2  | 9.5   | 14913 |
| 225.9 | 165.3 | 3687  |
| 0.0   | 0.0   | 2048  |
| 0.2   | 0.0   | 3808  |
| 0.1   | 0.0   | 5263  |
| 266.7 | 244.4 | 564   |
| 151.1 | 145.1 | 460   |
| 95.4  | 73.8  | 477   |
| 15.1  | 15.7  | 1037  |
| 1.4   | 0.5   | 3999  |
| 7.5   | 7.3   | 8493  |
| 4.5   | 3.6   | 11526 |
| 6.8   | 7.4   | 1692  |
| 0.0   | 0.0   | 3044  |
| 8.3   | 1.8   | 1538  |
| 0.1   | 0.0   | 751   |
| 0.2   | 0.0   | 3739  |
| 22.9  | 16.4  | 2332  |
| 17.9  | 19.1  | 10802 |
| 7.1   | 3.7   | 5229  |
| 3.7   | 1.9   | 11031 |
| 0.0   | 0.1   | 6441  |
| 2.5   | 1.2   | 4085  |
| 11.3  | 10.6  | 2319  |
| 0.7   | 0.5   | 4241  |
| 0.4   | 0.5   | 15762 |
| 97.0  | 87.0  | 2985  |
| 0.3   | 0.0   | 1288  |
| 1.8   | 2.3   | 8228  |
| 0.2   | 0.2   | 4052  |
| 0.3   | 0.0   | 3178  |
| 0.2   | 0.2   | 1756  |
| 0.3   | 0.3   | 4006  |
| 3.9   | 3.5   | 2624  |

|       |      |       |
|-------|------|-------|
| 4.3   | 3.0  | 7410  |
| 4.1   | 2.7  | 4487  |
| 0.9   | 0.6  | 1965  |
| 2.9   | 1.3  | 12202 |
| 11.1  | 10.2 | 4321  |
| 0.0   | 0.0  | 2045  |
| 103.5 | 83.8 | 3448  |
| 8.2   | 6.4  | 3506  |
| 4.5   | 3.3  | 8789  |
| 0.1   | 0.0  | 3493  |
| 0.8   | 1.0  | 2789  |
| 3.3   | 2.5  | 3060  |
| 26.7  | 28.7 | 1257  |
| 0.4   | 0.2  | 3402  |
| 1.6   | 1.1  | 12719 |
| 0.2   | 0.0  | 5996  |
| 41.8  | 33.0 | 5400  |
| 2.3   | 1.2  | 15901 |
| 8.8   | 6.4  | 2515  |
| 0.0   | 0.0  | 3497  |
| 1.7   | 1.0  | 27222 |
| 6.5   | 5.7  | 11025 |
| 0.0   | 0.0  | 9314  |
| 5.0   | 2.7  | 2162  |
| 0.0   | 0.0  | 19046 |
| 5.3   | 3.1  | 11045 |
| 0.2   | 0.3  | 8712  |
| 6.0   | 4.2  | 14329 |
| 0.7   | 0.4  | 2039  |
| 0.0   | 0.0  | 3615  |
| 0.2   | 0.0  | 1148  |
| 0.5   | 0.2  | 4413  |
| 0.0   | 0.0  | 95508 |
| 0.6   | 0.0  | 1487  |
| 7.3   | 5.6  | 5038  |
| 0.0   | 0.0  | 24650 |
| 0.7   | 0.4  | 4345  |
| 6.1   | 4.3  | 3475  |
| 0.2   | 0.0  | 6007  |
| 17.2  | 14.6 | 9120  |
| 0.9   | 0.4  | 3070  |
| 10.0  | 6.2  | 1760  |
| 0.1   | 0.0  | 3310  |
| 11.1  | 4.2  | 2548  |
| 12.6  | 6.7  | 2146  |
| 16.7  | 10.0 | 9019  |
| 7.2   | 5.8  | 2556  |

|      |      |       |
|------|------|-------|
| 14.2 | 14.6 | 8030  |
| 11.0 | 5.8  | 3567  |
| 55.6 | 31.9 | 1783  |
| 0.0  | 0.0  | 1220  |
| 2.6  | 2.6  | 10064 |
| 2.3  | 2.8  | 2693  |
| 3.0  | 1.1  | 9388  |
| 7.2  | 6.2  | 3186  |
| 1.2  | 0.1  | 1899  |
| 6.5  | 12.3 | 14545 |
| 5.7  | 4.9  | 9772  |
| 7.2  | 5.1  | 6236  |
| 0.8  | 0.5  | 5117  |
| 13.4 | 2.6  | 2732  |
| 0.2  | 0.2  | 1613  |
| 5.1  | 3.5  | 2657  |
| 3.1  | 2.0  | 2618  |
| 3.7  | 1.3  | 4729  |
| 18.3 | 25.6 | 3721  |
| 2.8  | 2.3  | 16120 |
| 0.1  | 0.2  | 4496  |
| 0.4  | 0.2  | 18015 |
| 1.8  | 0.9  | 3210  |
| 0.0  | 0.0  | 3197  |
| 1.6  | 2.1  | 2087  |
| 5.6  | 4.5  | 3723  |
| 2.1  | 2.3  | 4664  |
| 0.3  | 0.0  | 1749  |
| 2.2  | 2.2  | 2140  |
| 4.5  | 2.9  | 2774  |
| 0.1  | 0.0  | 2843  |
| 10.7 | 6.7  | 2017  |
| 0.4  | 0.1  | 3080  |
| 53.7 | 34.3 | 2991  |
| 4.5  | 3.3  | 3377  |
| 1.2  | 0.8  | 4158  |
| 0.2  | 0.0  | 1963  |
| 8.1  | 7.1  | 4283  |
| 3.7  | 1.4  | 5741  |
| 2.2  | 1.1  | 1298  |
| 2.7  | 2.3  | 14556 |
| 0.0  | 0.0  | 5719  |
| 0.5  | 0.9  | 930   |
| 3.0  | 1.6  | 12385 |
| 0.7  | 0.8  | 24755 |
| 0.1  | 0.0  | 5982  |
| 0.1  | 0.1  | 10725 |

|       |      |       |
|-------|------|-------|
| 0.1   | 0.1  | 3480  |
| 0.0   | 0.0  | 1758  |
| 15.1  | 12.5 | 2948  |
| 0.3   | 0.0  | 650   |
| 0.0   | 0.0  | 3138  |
| 0.0   | 0.0  | 2282  |
| 0.4   | 0.1  | 7189  |
| 3.9   | 1.8  | 4974  |
| 7.9   | 6.7  | 1848  |
| 0.1   | 0.0  | 3520  |
| 0.2   | 0.0  | 5386  |
| 8.2   | 7.1  | 5391  |
| 0.4   | 0.5  | 1496  |
| 0.2   | 0.0  | 5065  |
| 0.2   | 0.1  | 12750 |
| 1.4   | 0.9  | 16038 |
| 1.0   | 0.9  | 23447 |
| 4.5   | 2.0  | 7439  |
| 5.5   | 6.9  | 730   |
| 0.1   | 0.0  | 2014  |
| 0.1   | 0.0  | 1647  |
| 10.7  | 11.0 | 2226  |
| 1.2   | 0.5  | 459   |
| 20.4  | 29.8 | 3937  |
| 1.4   | 0.4  | 12834 |
| 0.0   | 0.0  | 1627  |
| 0.1   | 0.0  | 3436  |
| 0.4   | 0.2  | 2501  |
| 0.2   | 0.1  | 3057  |
| 33.6  | 29.3 | 3599  |
| 1.8   | 0.9  | 10507 |
| 0.7   | 0.4  | 22955 |
| 107.4 | 81.6 | 3073  |
| 1.7   | 1.3  | 7307  |
| 0.1   | 0.0  | 2019  |
| 0.0   | 0.1  | 6330  |
| 17.6  | 15.8 | 4942  |
| 11.0  | 10.6 | 1023  |
| 10.6  | 7.5  | 1646  |
| 177.1 | 28.6 | 84    |
| 0.0   | 0.0  | 609   |
| 0.0   | 0.0  | 564   |
| 2.1   | 2.7  | 3860  |
| 7.7   | 5.3  | 3544  |
| 6.0   | 5.7  | 8481  |
| 51.7  | 58.8 | 1681  |
| 0.2   | 0.0  | 3134  |

|      |      |       |
|------|------|-------|
| 0.7  | 0.1  | 3978  |
| 1.7  | 0.9  | 1407  |
| 0.0  | 0.1  | 1223  |
| 0.2  | 0.1  | 2380  |
| 0.1  | 0.0  | 2640  |
| 12.8 | 6.4  | 4883  |
| 1.9  | 0.9  | 3871  |
| 4.7  | 2.3  | 1918  |
| 6.9  | 10.0 | 2002  |
| 2.8  | 1.7  | 24902 |
| 9.2  | 6.6  | 2258  |
| 12.9 | 9.5  | 1799  |
| 4.3  | 2.0  | 6371  |
| 5.7  | 3.6  | 4355  |
| 2.3  | 1.4  | 16209 |
| 17.5 | 17.2 | 8927  |
| 4.9  | 3.5  | 4358  |
| 0.3  | 0.2  | 4569  |
| 0.2  | 0.0  | 3594  |
| 5.2  | 3.4  | 8010  |
| 6.4  | 7.3  | 2402  |
| 0.0  | 0.0  | 2130  |
| 18.1 | 14.1 | 5957  |
| 1.4  | 1.4  | 9931  |
| 17.2 | 17.4 | 6329  |
| 18.1 | 21.4 | 2181  |
| 0.8  | 0.4  | 7233  |
| 21.8 | 20.3 | 15607 |
| 1.7  | 1.9  | 15576 |
| 0.0  | 0.0  | 5243  |
| 15.0 | 15.4 | 14314 |
| 31.8 | 43.5 | 3061  |
| 41.2 | 37.2 | 1785  |
| 0.2  | 0.0  | 4269  |
| 0.1  | 0.1  | 9943  |
| 4.6  | 4.4  | 9624  |
| 3.8  | 1.5  | 5016  |
| 1.4  | 1.2  | 4034  |
| 0.3  | 0.0  | 3990  |
| 0.8  | 0.5  | 12390 |
| 5.4  | 7.3  | 1265  |
| 1.5  | 0.1  | 1819  |
| 0.0  | 0.1  | 2539  |
| 0.1  | 0.1  | 7125  |
| 0.4  | 0.1  | 942   |
| 23.8 | 20.1 | 3877  |
| 0.3  | 0.2  | 10799 |

|      |      |       |
|------|------|-------|
| 2.9  | 2.1  | 5810  |
| 0.3  | 0.4  | 10431 |
| 14.2 | 14.0 | 3894  |
| 7.8  | 8.4  | 9613  |
| 3.3  | 2.4  | 2204  |
| 1.1  | 0.5  | 24943 |
| 7.6  | 6.1  | 6816  |
| 0.0  | 0.0  | 3471  |
| 7.0  | 3.0  | 3962  |
| 3.7  | 3.3  | 882   |
| 3.6  | 3.5  | 2413  |
| 3.3  | 2.8  | 3186  |
| 0.4  | 0.0  | 940   |
| 14.8 | 9.8  | 5186  |
| 0.2  | 0.0  | 1171  |
| 10.7 | 10.6 | 5901  |
| 0.5  | 0.0  | 1424  |
| 0.0  | 0.0  | 12054 |
| 8.9  | 4.0  | 5783  |
| 2.5  | 1.8  | 3245  |
| 7.4  | 6.4  | 6325  |
| 2.9  | 2.8  | 1057  |
| 1.1  | 0.4  | 13757 |
| 1.4  | 0.6  | 5568  |
| 13.3 | 9.7  | 6162  |
| 1.9  | 1.3  | 21034 |
| 1.1  | 0.9  | 12318 |
| 0.0  | 0.0  | 7529  |
| 46.7 | 41.4 | 3840  |
| 15.7 | 14.2 | 2140  |
| 15.4 | 7.1  | 5101  |
| 0.4  | 0.1  | 2021  |
| 0.1  | 0.0  | 33919 |
| 4.3  | 4.1  | 5208  |
| 6.6  | 2.2  | 5809  |
| 8.4  | 7.4  | 6797  |
| 2.1  | 1.3  | 9726  |
| 11.1 | 8.0  | 11340 |
| 0.7  | 0.7  | 2651  |
| 10.1 | 5.1  | 5157  |
| 3.1  | 2.5  | 24216 |
| 3.1  | 1.9  | 6331  |
| 1.2  | 1.4  | 4254  |
| 5.4  | 5.1  | 1653  |
| 34.0 | 31.4 | 2891  |
| 4.5  | 4.1  | 24021 |
| 7.6  | 3.8  | 2840  |

|      |      |       |
|------|------|-------|
| 2.7  | 2.3  | 1628  |
| 11.3 | 3.1  | 3006  |
| 0.1  | 0.0  | 12948 |
| 14.0 | 11.5 | 8452  |
| 2.0  | 2.0  | 6677  |
| 10.9 | 8.1  | 8014  |
| 0.1  | 0.0  | 9543  |
| 0.1  | 0.1  | 23141 |
| 81.2 | 72.0 | 2295  |
| 1.5  | 0.3  | 8817  |
| 0.0  | 0.0  | 7217  |
| 17.2 | 11.7 | 2804  |
| 4.1  | 3.9  | 2601  |
| 5.1  | 1.4  | 3498  |
| 21.2 | 10.7 | 1643  |
| 11.6 | 8.0  | 4743  |
| 0.9  | 0.7  | 15589 |
| 2.5  | 2.1  | 7207  |
| 8.0  | 6.6  | 7577  |
| 4.4  | 2.7  | 2782  |
| 12.9 | 5.5  | 8102  |
| 0.6  | 0.2  | 1830  |
| 2.4  | 0.5  | 6160  |
| 10.5 | 13.2 | 9483  |
| 11.1 | 11.0 | 2147  |
| 46.8 | 40.9 | 2129  |
| 0.5  | 0.3  | 4578  |
| 1.3  | 1.4  | 5549  |
| 3.3  | 1.5  | 1646  |
| 6.5  | 11.2 | 1683  |
| 2.9  | 1.6  | 17539 |
| 6.0  | 4.3  | 4651  |
| 5.4  | 3.1  | 4477  |
| 10.0 | 8.6  | 5613  |
| 2.1  | 1.1  | 7872  |
| 1.7  | 1.0  | 3388  |
| 0.1  | 0.1  | 8322  |
| 3.4  | 2.0  | 4246  |
| 0.5  | 0.0  | 1448  |
| 6.5  | 3.1  | 4679  |
| 0.1  | 0.0  | 3381  |
| 1.0  | 0.4  | 3166  |
| 2.2  | 1.5  | 7786  |
| 3.1  | 3.8  | 14599 |
| 30.5 | 34.4 | 7884  |
| 5.3  | 4.8  | 3638  |
| 0.0  | 0.0  | 16092 |



|       |       |       |
|-------|-------|-------|
| 1.5   | 2.2   | 983   |
| 0.1   | 0.0   | 3665  |
| 0.4   | 0.6   | 1812  |
| 5.9   | 5.2   | 15320 |
| 3.1   | 2.2   | 2426  |
| 3.4   | 3.8   | 7230  |
| 0.1   | 0.0   | 24598 |
| 6.9   | 7.1   | 2304  |
| 4.5   | 2.2   | 8393  |
| 2.6   | 2.7   | 4091  |
| 4.6   | 3.0   | 5415  |
| 1.0   | 0.7   | 2072  |
| 785.0 | 785.5 | 1574  |
| 0.1   | 0.0   | 3655  |
| 3.7   | 2.3   | 5811  |
| 1.0   | 0.4   | 4001  |
| 0.5   | 0.0   | 2276  |
| 0.0   | 0.0   | 1320  |
| 1.0   | 1.4   | 6583  |
| 3.9   | 1.9   | 3590  |
| 0.1   | 0.0   | 5155  |
| 1.1   | 0.3   | 11136 |
| 3.0   | 2.6   | 987   |
| 1.3   | 0.8   | 5158  |
| 0.0   | 0.0   | 1270  |
| 0.2   | 0.0   | 9834  |
| 36.5  | 34.5  | 844   |
| 0.1   | 0.0   | 1826  |
| 2.5   | 2.1   | 8120  |
| 0.4   | 0.1   | 1512  |
| 6.2   | 4.4   | 2518  |
| 63.1  | 77.3  | 469   |
| 0.4   | 0.2   | 481   |
| 2.2   | 1.4   | 6293  |
| 17.2  | 17.7  | 4816  |
| 0.0   | 0.0   | 1036  |
| 0.1   | 0.0   | 720   |
| 0.0   | 0.0   | 493   |
| 0.1   | 0.0   | 5338  |
| 0.1   | 0.0   | 4593  |
| 3.7   | 2.1   | 3251  |
| 596.1 | 905.9 | 361   |
| 0.1   | 0.0   | 5001  |
| 0.8   | 0.9   | 10323 |
| 0.2   | 0.0   | 3602  |
| 0.0   | 0.0   | 22929 |
| 3.8   | 3.2   | 5191  |

|      |      |       |
|------|------|-------|
| 0.1  | 0.0  | 6790  |
| 57.7 | 69.5 | 881   |
| 1.7  | 2.8  | 1499  |
| 3.3  | 2.2  | 2559  |
| 5.9  | 1.9  | 5887  |
| 1.0  | 0.6  | 4853  |
| 1.3  | 0.6  | 2791  |
| 0.0  | 0.0  | 1896  |
| 0.9  | 0.0  | 2307  |
| 6.8  | 2.7  | 2783  |
| 4.5  | 2.8  | 2562  |
| 0.0  | 0.0  | 4572  |
| 0.5  | 0.3  | 10815 |
| 0.5  | 0.3  | 3152  |
| 2.6  | 2.1  | 4376  |
| 9.9  | 5.5  | 6274  |
| 8.2  | 5.9  | 6298  |
| 0.0  | 0.0  | 5018  |
| 3.7  | 3.2  | 5331  |
| 2.3  | 1.8  | 7801  |
| 52.4 | 69.1 | 509   |
| 5.1  | 6.9  | 16696 |
| 0.0  | 0.0  | 6632  |
| 46.9 | 33.0 | 4273  |
| 0.6  | 0.4  | 13126 |
| 14.5 | 7.0  | 5664  |
| 0.1  | 0.0  | 12150 |
| 1.1  | 0.1  | 2560  |
| 0.3  | 0.0  | 611   |
| 0.5  | 0.4  | 1565  |
| 1.9  | 0.5  | 6079  |
| 0.5  | 0.5  | 2677  |
| 2.5  | 0.6  | 4513  |
| 2.2  | 5.2  | 561   |
| 4.3  | 4.9  | 11865 |
| 0.7  | 0.6  | 10961 |
| 9.4  | 8.2  | 9675  |
| 0.6  | 0.3  | 2290  |
| 11.9 | 6.7  | 3687  |
| 7.2  | 2.9  | 8900  |
| 1.9  | 1.0  | 8312  |
| 15.0 | 20.8 | 758   |
| 4.0  | 2.2  | 705   |
| 0.6  | 0.4  | 3902  |
| 0.0  | 0.0  | 1382  |
| 11.9 | 6.8  | 4380  |
| 0.1  | 0.0  | 1550  |

|      |      |       |
|------|------|-------|
| 12.1 | 6.0  | 7802  |
| 1.0  | 0.5  | 5372  |
| 2.4  | 1.1  | 3491  |
| 0.1  | 0.0  | 13716 |
| 0.1  | 0.0  | 1202  |
| 0.9  | 0.3  | 5916  |
| 0.4  | 0.1  | 4038  |
| 0.1  | 0.0  | 6485  |
| 0.1  | 0.0  | 782   |
| 0.0  | 0.0  | 694   |
| 21.9 | 36.8 | 818   |
| 0.6  | 0.0  | 736   |
| 0.0  | 0.0  | 895   |
| 0.0  | 0.0  | 736   |
| 15.0 | 13.2 | 1743  |
| 0.1  | 0.0  | 7095  |
| 19.9 | 25.2 | 2618  |
| 0.2  | 0.0  | 1552  |
| 23.9 | 20.9 | 3734  |
| 13.8 | 7.3  | 5189  |
| 8.4  | 11.5 | 6932  |
| 23.1 | 22.2 | 3689  |
| 0.2  | 0.0  | 4277  |
| 0.1  | 0.0  | 1440  |
| 18.9 | 21.7 | 3372  |
| 11.5 | 11.2 | 3503  |
| 10.9 | 10.2 | 1861  |
| 9.1  | 5.7  | 3202  |
| 10.9 | 9.8  | 4185  |
| 1.4  | 0.4  | 2672  |
| 13.0 | 9.3  | 3597  |
| 7.5  | 5.0  | 2142  |
| 0.1  | 0.0  | 1873  |
| 8.1  | 7.0  | 3213  |
| 5.1  | 3.4  | 1939  |
| 7.8  | 5.6  | 2705  |
| 1.0  | 1.1  | 2091  |
| 1.2  | 0.2  | 1393  |
| 4.4  | 2.1  | 1597  |
| 0.1  | 0.0  | 2024  |
| 13.5 | 8.7  | 1468  |
| 23.8 | 24.7 | 774   |
| 0.8  | 0.8  | 1363  |
| 0.2  | 0.0  | 948   |
| 65.9 | 83.7 | 1793  |
| 10.2 | 10.1 | 2807  |
| 0.1  | 0.0  | 7368  |

|       |       |       |
|-------|-------|-------|
| 2.3   | 6.0   | 2076  |
| 0.0   | 0.5   | 431   |
| 1.7   | 1.2   | 20389 |
| 30.6  | 246.3 | 117   |
| 4.5   | 2.5   | 1862  |
| 2.3   | 2.3   | 1611  |
| 3.8   | 2.7   | 6515  |
| 0.8   | 0.4   | 10122 |
| 2.5   | 1.0   | 4562  |
| 0.0   | 0.0   | 774   |
| 29.1  | 26.6  | 1415  |
| 5.2   | 2.6   | 1456  |
| 1.6   | 2.2   | 1362  |
| 0.0   | 0.0   | 1176  |
| 4.3   | 4.0   | 7134  |
| 0.1   | 0.0   | 2629  |
| 2.9   | 0.8   | 1805  |
| 23.6  | 24.7  | 3343  |
| 3.6   | 3.1   | 17370 |
| 18.6  | 17.7  | 2514  |
| 6.5   | 6.7   | 1940  |
| 5.4   | 6.9   | 1176  |
| 15.7  | 22.1  | 1462  |
| 1.3   | 0.3   | 2255  |
| 29.9  | 23.7  | 2428  |
| 0.1   | 0.0   | 967   |
| 0.0   | 0.0   | 1677  |
| 3.4   | 4.9   | 989   |
| 4.5   | 2.6   | 1310  |
| 414.6 | 353.3 | 2567  |
| 24.1  | 21.1  | 2247  |
| 6.2   | 5.0   | 2146  |
| 22.9  | 24.1  | 1731  |
| 0.9   | 0.5   | 6351  |
| 0.2   | 0.0   | 9800  |
| 0.3   | 0.1   | 9650  |
| 11.5  | 16.6  | 1841  |
| 32.3  | 33.9  | 1250  |
| 13.9  | 8.3   | 1675  |
| 0.0   | 0.0   | 2633  |
| 14.3  | 9.5   | 8884  |
| 0.3   | 0.0   | 1463  |
| 10.4  | 7.4   | 2586  |
| 1.7   | 1.6   | 1472  |
| 10.6  | 4.1   | 2358  |
| 6.3   | 8.2   | 963   |
| 0.1   | 0.0   | 1642  |

|       |       |       |
|-------|-------|-------|
| 7.6   | 11.3  | 1319  |
| 0.0   | 0.0   | 3535  |
| 13.8  | 7.6   | 2578  |
| 41.9  | 37.6  | 1648  |
| 8.4   | 2.5   | 2667  |
| 13.8  | 6.7   | 3408  |
| 0.0   | 0.0   | 610   |
| 2.7   | 2.4   | 4575  |
| 14.1  | 13.6  | 7185  |
| 9.1   | 6.1   | 6752  |
| 7.9   | 5.0   | 7931  |
| 0.2   | 0.0   | 2500  |
| 11.8  | 9.2   | 6201  |
| 11.2  | 10.3  | 3328  |
| 3.3   | 3.6   | 11023 |
| 0.1   | 0.0   | 3207  |
| 0.8   | 0.5   | 10231 |
| 5.4   | 5.2   | 7963  |
| 0.0   | 0.0   | 798   |
| 1.9   | 1.3   | 7018  |
| 0.2   | 0.3   | 26906 |
| 33.2  | 30.6  | 4180  |
| 0.4   | 0.5   | 2636  |
| 0.0   | 0.0   | 990   |
| 9.5   | 8.4   | 3497  |
| 0.8   | 0.5   | 8219  |
| 0.0   | 0.0   | 7957  |
| 8.7   | 7.7   | 5693  |
| 9.3   | 8.6   | 3070  |
| 0.3   | 0.0   | 887   |
| 14.0  | 13.3  | 4961  |
| 22.6  | 24.3  | 877   |
| 404.3 | 446.5 | 481   |
| 0.0   | 0.0   | 1336  |
| 5.2   | 1.8   | 2880  |
| 0.0   | 0.0   | 1396  |
| 0.5   | 0.2   | 3052  |
| 0.9   | 0.5   | 6117  |
| 0.7   | 0.2   | 2493  |
| 0.2   | 0.0   | 1163  |
| 3.6   | 3.1   | 1925  |
| 0.0   | 0.0   | 3464  |
| 0.3   | 0.1   | 6527  |
| 0.9   | 0.5   | 3704  |
| 3.4   | 2.1   | 11608 |
| 0.5   | 0.1   | 8496  |
| 6.5   | 2.8   | 5876  |

|       |       |       |
|-------|-------|-------|
| 4.1   | 1.9   | 14983 |
| 5.0   | 4.0   | 5001  |
| 1.3   | 0.8   | 6644  |
| 0.1   | 0.0   | 3130  |
| 1.9   | 1.4   | 2348  |
| 205.3 | 168.5 | 466   |
| 0.1   | 0.0   | 1885  |
| 6.7   | 6.9   | 11302 |
| 0.9   | 0.7   | 19724 |
| 0.2   | 0.0   | 1493  |
| 0.9   | 1.3   | 15561 |
| 0.3   | 0.2   | 8048  |
| 2.2   | 1.4   | 8708  |
| 24.2  | 13.8  | 4337  |
| 7.0   | 5.6   | 1639  |
| 0.7   | 0.7   | 5106  |
| 15.9  | 7.9   | 752   |
| 0.1   | 0.0   | 3040  |
| 11.5  | 9.4   | 2145  |
| 5.4   | 3.5   | 5565  |
| 0.2   | 0.0   | 1057  |
| 0.5   | 0.6   | 5440  |
| 0.0   | 0.0   | 834   |
| 0.0   | 0.0   | 22243 |
| 0.3   | 0.1   | 957   |
| 0.0   | 0.0   | 9989  |
| 10.8  | 7.7   | 5031  |
| 7.3   | 6.5   | 13981 |
| 0.0   | 0.0   | 4823  |
| 9.3   | 7.7   | 28273 |
| 6.6   | 9.9   | 3003  |
| 0.2   | 0.0   | 1817  |
| 0.0   | 0.0   | 4720  |
| 4.9   | 2.1   | 2306  |
| 4.3   | 2.1   | 3742  |
| 1.7   | 1.6   | 7544  |
| 23.9  | 9.3   | 7873  |
| 0.2   | 0.1   | 1524  |
| 0.1   | 0.0   | 5284  |
| 70.1  | 52.1  | 777   |
| 723.3 | 842.8 | 785   |
| 0.0   | 0.0   | 725   |
| 3.5   | 2.4   | 13218 |
| 15.9  | 11.8  | 15931 |
| 0.8   | 0.4   | 6862  |
| 1.1   | 1.0   | 2214  |
| 5.3   | 5.1   | 8880  |

|       |       |       |
|-------|-------|-------|
| 11.8  | 13.8  | 1760  |
| 0.3   | 0.2   | 2434  |
| 0.4   | 0.1   | 6078  |
| 9.4   | 8.6   | 5527  |
| 0.1   | 0.0   | 13367 |
| 0.8   | 0.6   | 15244 |
| 3.7   | 3.1   | 25344 |
| 0.0   | 0.0   | 2260  |
| 0.1   | 0.0   | 6511  |
| 0.0   | 0.0   | 4240  |
| 2.3   | 1.5   | 34676 |
| 0.8   | 0.3   | 602   |
| 6.6   | 5.9   | 14871 |
| 16.5  | 8.5   | 4797  |
| 0.2   | 0.0   | 4206  |
| 5.9   | 4.9   | 11313 |
| 0.0   | 0.0   | 972   |
| 0.6   | 0.0   | 960   |
| 0.2   | 0.1   | 4000  |
| 0.1   | 0.0   | 8261  |
| 0.0   | 0.0   | 34911 |
| 0.1   | 0.1   | 5690  |
| 5.2   | 5.4   | 2886  |
| 0.0   | 0.0   | 1513  |
| 0.2   | 0.0   | 3008  |
| 133.1 | 112.1 | 4463  |
| 1.3   | 1.3   | 29624 |
| 5.5   | 5.9   | 2585  |
| 16.4  | 13.6  | 2161  |
| 0.2   | 0.1   | 3830  |
| 0.5   | 0.5   | 16945 |
| 3.1   | 2.3   | 2745  |
| 0.6   | 0.8   | 4824  |
| 7.3   | 7.3   | 2595  |
| 0.8   | 0.0   | 459   |
| 6.0   | 4.4   | 1473  |
| 6.9   | 2.7   | 4557  |
| 5.8   | 1.9   | 1662  |
| 0.4   | 0.1   | 1987  |
| 3.3   | 3.2   | 7155  |
| 9.9   | 11.1  | 2062  |
| 10.0  | 5.9   | 1353  |
| 45.6  | 39.5  | 1776  |
| 118.0 | 97.2  | 3757  |
| 0.0   | 0.0   | 1789  |
| 1.0   | 0.7   | 5805  |
| 28.4  | 26.7  | 8733  |

|        |        |       |
|--------|--------|-------|
| 30.7   | 23.4   | 5547  |
| 4.7    | 2.2    | 2370  |
| 0.5    | 0.3    | 2461  |
| 77.6   | 58.7   | 12768 |
| 0.0    | 0.0    | 2582  |
| 1.1    | 0.7    | 12773 |
| 19.4   | 16.2   | 6643  |
| 0.3    | 0.0    | 1626  |
| 10.9   | 8.4    | 5673  |
| 0.1    | 0.0    | 4293  |
| 4.1    | 7.1    | 4452  |
| 0.1    | 0.0    | 1614  |
| 0.1    | 0.0    | 10589 |
| 1.4    | 0.0    | 2656  |
| 6.3    | 2.2    | 2862  |
| 1.5    | 1.1    | 4427  |
| 5.2    | 3.5    | 1914  |
| 4.5    | 2.3    | 1798  |
| 6.2    | 3.8    | 23726 |
| 0.2    | 0.1    | 12907 |
| 0.0    | 0.1    | 9021  |
| 0.1    | 0.0    | 2455  |
| 912.1  | 311.4  | 8708  |
| 0.6    | 0.2    | 3820  |
| 10.7   | 4.4    | 4524  |
| 0.1    | 0.0    | 3449  |
| 0.0    | 0.0    | 1411  |
| 0.3    | 0.6    | 1122  |
| 0.8    | 0.6    | 6428  |
| 0.0    | 0.0    | 652   |
| 0.2    | 0.5    | 1964  |
| 19.6   | 15.9   | 2413  |
| 2.8    | 1.3    | 1720  |
| 4.3    | 3.1    | 4710  |
| 6.5    | 3.5    | 5068  |
| 12.4   | 5.6    | 671   |
| 33.9   | 25.2   | 1404  |
| 3.7    | 0.9    | 3548  |
| 7168.0 | 7511.1 | 207   |
| 0.1    | 0.3    | 3734  |
| 0.8    | 1.1    | 3752  |
| 6.5    | 4.5    | 9979  |
| 3.4    | 1.8    | 11438 |
| 0.1    | 0.1    | 7027  |
| 2.6    | 0.9    | 2200  |
| 0.2    | 0.0    | 625   |
| 0.3    | 0.1    | 1989  |



|      |      |       |
|------|------|-------|
| 9.9  | 12.5 | 5725  |
| 2.5  | 1.4  | 29178 |
| 0.0  | 0.0  | 823   |
| 0.4  | 0.1  | 10269 |
| 23.1 | 25.0 | 4959  |
| 13.1 | 9.5  | 7719  |
| 0.0  | 0.0  | 5134  |
| 17.5 | 13.9 | 9936  |
| 0.1  | 0.0  | 2067  |
| 5.8  | 8.3  | 4918  |
| 1.1  | 1.1  | 2046  |
| 0.1  | 0.1  | 4028  |
| 1.4  | 1.2  | 2431  |
| 4.6  | 2.6  | 1240  |
| 0.1  | 0.2  | 1709  |
| 1.8  | 1.2  | 620   |
| 1.4  | 1.4  | 24357 |
| 0.0  | 0.0  | 3214  |
| 0.0  | 0.0  | 3494  |
| 0.1  | 0.0  | 2617  |
| 0.1  | 0.0  | 1188  |
| 2.1  | 1.0  | 17917 |
| 22.4 | 38.6 | 12163 |
| 3.5  | 3.1  | 3139  |
| 2.1  | 2.0  | 5502  |
| 7.4  | 4.7  | 14951 |
| 0.7  | 0.2  | 7311  |
| 5.5  | 4.2  | 12000 |
| 0.2  | 0.0  | 1277  |
| 73.7 | 71.5 | 938   |
| 7.2  | 6.6  | 8813  |
| 10.1 | 11.8 | 2474  |
| 18.3 | 16.5 | 12277 |
| 0.4  | 0.5  | 2517  |
| 4.1  | 1.7  | 4512  |
| 4.2  | 2.2  | 2298  |
| 0.9  | 0.3  | 3548  |
| 0.1  | 0.0  | 1263  |
| 1.6  | 1.4  | 5183  |
| 8.6  | 2.9  | 2761  |
| 21.9 | 19.6 | 9555  |
| 0.0  | 0.0  | 2942  |
| 0.5  | 0.0  | 4632  |
| 18.9 | 13.0 | 4700  |
| 0.0  | 0.0  | 24539 |
| 1.8  | 1.2  | 13055 |
| 0.2  | 0.0  | 4534  |

|      |      |       |
|------|------|-------|
| 0.1  | 0.0  | 1753  |
| 4.1  | 2.1  | 16805 |
| 0.0  | 0.0  | 858   |
| 3.9  | 2.9  | 2376  |
| 11.7 | 9.6  | 3653  |
| 0.4  | 0.3  | 6221  |
| 44.5 | 28.7 | 3407  |
| 9.3  | 7.0  | 5950  |
| 4.5  | 2.1  | 9133  |
| 8.8  | 4.0  | 7293  |
| 28.2 | 24.1 | 1675  |
| 8.1  | 5.5  | 1177  |
| 1.8  | 1.7  | 4228  |
| 2.9  | 2.0  | 1280  |
| 1.9  | 1.4  | 9624  |
| 12.7 | 10.1 | 7531  |
| 0.1  | 0.0  | 8856  |
| 11.2 | 8.7  | 1712  |
| 0.1  | 0.0  | 897   |
| 0.1  | 0.0  | 25562 |
| 0.1  | 0.0  | 2575  |
| 33.8 | 21.6 | 3773  |
| 1.1  | 1.3  | 579   |
| 26.0 | 18.2 | 3482  |
| 0.2  | 0.0  | 4975  |
| 7.9  | 6.0  | 6217  |
| 0.4  | 0.3  | 5789  |
| 16.0 | 23.5 | 2119  |
| 5.5  | 4.6  | 1712  |
| 1.8  | 1.5  | 1258  |
| 1.4  | 0.2  | 2649  |
| 0.1  | 0.0  | 2510  |
| 0.1  | 0.0  | 2020  |
| 22.4 | 19.0 | 18139 |
| 8.5  | 5.9  | 1660  |
| 1.4  | 1.1  | 3841  |
| 1.7  | 1.0  | 2193  |
| 0.2  | 0.0  | 5459  |
| 0.5  | 0.2  | 2060  |
| 19.2 | 18.3 | 3928  |
| 7.9  | 4.4  | 4277  |
| 2.0  | 0.9  | 1553  |
| 13.9 | 6.4  | 3038  |
| 2.9  | 1.9  | 4012  |
| 0.1  | 0.0  | 4288  |
| 1.7  | 0.5  | 7633  |
| 2.8  | 1.3  | 2420  |

|       |      |       |
|-------|------|-------|
| 4.1   | 2.9  | 6408  |
| 0.1   | 0.0  | 1871  |
| 0.0   | 0.0  | 4736  |
| 2.0   | 1.8  | 14153 |
| 12.7  | 10.1 | 3590  |
| 1.1   | 0.7  | 11294 |
| 0.3   | 0.0  | 925   |
| 0.1   | 0.0  | 3339  |
| 2.1   | 2.0  | 8605  |
| 0.5   | 0.0  | 699   |
| 0.1   | 0.0  | 2719  |
| 2.6   | 0.7  | 5125  |
| 9.2   | 5.1  | 9703  |
| 0.8   | 0.3  | 3506  |
| 4.4   | 3.5  | 9843  |
| 1.8   | 1.6  | 9026  |
| 1.7   | 1.2  | 7896  |
| 0.6   | 0.0  | 2296  |
| 0.0   | 0.0  | 1183  |
| 0.6   | 0.4  | 7416  |
| 0.1   | 0.0  | 4882  |
| 2.9   | 2.6  | 8679  |
| 45.0  | 48.5 | 1517  |
| 1.1   | 0.7  | 9431  |
| 36.2  | 27.8 | 1615  |
| 1.1   | 0.4  | 5496  |
| 0.1   | 0.0  | 3410  |
| 14.3  | 11.9 | 2010  |
| 3.0   | 0.7  | 7119  |
| 67.8  | 68.8 | 14361 |
| 0.0   | 0.0  | 1143  |
| 0.0   | 0.0  | 1769  |
| 0.2   | 0.0  | 982   |
| 7.9   | 7.0  | 19061 |
| 15.0  | 11.3 | 4954  |
| 38.8  | 49.6 | 5028  |
| 130.3 | 96.9 | 1787  |
| 19.4  | 17.5 | 7778  |
| 8.9   | 8.3  | 4654  |
| 0.9   | 0.0  | 1408  |
| 2.3   | 2.1  | 8228  |
| 0.1   | 0.0  | 8949  |
| 0.3   | 0.0  | 1087  |
| 53.6  | 34.8 | 2640  |
| 5.2   | 3.1  | 11825 |
| 20.2  | 18.9 | 3277  |
| 17.7  | 18.2 | 1659  |

|      |       |       |
|------|-------|-------|
| 2.8  | 1.0   | 1158  |
| 1.8  | 1.6   | 5313  |
| 6.3  | 6.0   | 4704  |
| 0.1  | 0.1   | 14095 |
| 0.2  | 0.1   | 985   |
| 7.0  | 3.0   | 9294  |
| 0.9  | 0.5   | 1526  |
| 5.2  | 3.7   | 12891 |
| 0.1  | 0.0   | 4545  |
| 0.1  | 0.0   | 8911  |
| 1.7  | 1.0   | 18955 |
| 6.5  | 5.4   | 11164 |
| 0.6  | 0.1   | 3796  |
| 0.7  | 0.5   | 29569 |
| 0.1  | 0.0   | 5012  |
| 22.9 | 22.6  | 2491  |
| 1.5  | 0.4   | 6408  |
| 0.9  | 1.6   | 11819 |
| 9.1  | 9.4   | 3827  |
| 0.0  | 0.0   | 1661  |
| 0.2  | 0.0   | 1251  |
| 5.3  | 2.4   | 2816  |
| 23.9 | 22.6  | 2258  |
| 21.0 | 7.9   | 4379  |
| 0.1  | 0.3   | 4877  |
| 5.0  | 2.7   | 5110  |
| 1.7  | 0.3   | 2408  |
| 0.4  | 0.1   | 7507  |
| 5.2  | 4.8   | 4321  |
| 4.7  | 2.5   | 3999  |
| 17.8 | 16.0  | 7357  |
| 0.7  | 0.6   | 3001  |
| 0.1  | 0.1   | 6200  |
| 0.1  | 0.0   | 1428  |
| 1.8  | 0.9   | 5583  |
| 21.5 | 19.2  | 7005  |
| 1.0  | 0.7   | 1914  |
| 2.8  | 2.0   | 6896  |
| 84.9 | 70.4  | 965   |
| 34.2 | 63.0  | 121   |
| 38.9 | 197.6 | 121   |
| 36.3 | 65.0  | 122   |
| 0.0  | 2.6   | 120   |
| 4.7  | 12.2  | 120   |
| 0.8  | 3.5   | 120   |
| 3.1  | 1.7   | 120   |
| 6.3  | 8.8   | 119   |

|       |       |       |
|-------|-------|-------|
| 11.6  | 12.3  | 855   |
| 0.6   | 0.2   | 3624  |
| 0.4   | 0.1   | 4098  |
| 4.2   | 3.3   | 7282  |
| 5.8   | 2.0   | 4295  |
| 22.8  | 22.3  | 3134  |
| 68.8  | 69.8  | 1853  |
| 6.4   | 6.9   | 2234  |
| 3.3   | 1.7   | 11226 |
| 0.2   | 0.0   | 1759  |
| 0.0   | 0.0   | 1480  |
| 0.3   | 0.3   | 2863  |
| 663.3 | 497.5 | 1929  |
| 0.0   | 0.6   | 1500  |
| 4.8   | 1.3   | 2333  |
| 0.2   | 0.1   | 3057  |
| 9.0   | 9.5   | 10958 |
| 0.3   | 0.0   | 1709  |
| 0.4   | 0.0   | 2474  |
| 0.2   | 0.0   | 2631  |
| 0.6   | 0.5   | 4492  |
| 0.1   | 0.0   | 2569  |
| 0.0   | 0.0   | 761   |
| 0.5   | 0.4   | 3735  |
| 0.1   | 0.0   | 1713  |
| 0.1   | 0.0   | 3767  |
| 4.7   | 4.2   | 20946 |
| 4.9   | 2.3   | 1418  |
| 15.5  | 13.9  | 3034  |
| 0.3   | 1.1   | 963   |
| 0.0   | 0.0   | 9820  |
| 2.3   | 1.2   | 2391  |
| 0.2   | 0.0   | 977   |
| 10.1  | 10.9  | 3157  |
| 2.0   | 2.0   | 58449 |
| 6.7   | 6.3   | 4287  |
| 0.0   | 0.0   | 19578 |
| 0.2   | 0.2   | 12969 |
| 7.9   | 4.4   | 2618  |
| 169.7 | 132.0 | 121   |
| 36.6  | 264.1 | 121   |
| 123.8 | 105.3 | 121   |
| 21.8  | 215.7 | 121   |
| 63.0  | 49.2  | 121   |
| 68.5  | 60.4  | 121   |
| 44.4  | 102.7 | 121   |
| 12.6  | 43.5  | 120   |

|      |      |       |
|------|------|-------|
| 14.1 | 47.0 | 120   |
| 1.4  | 0.8  | 5658  |
| 1.2  | 0.8  | 1888  |
| 11.4 | 8.8  | 12650 |
| 0.3  | 0.1  | 4396  |
| 0.2  | 0.0  | 1414  |
| 0.9  | 0.6  | 1411  |
| 0.3  | 0.0  | 938   |
| 14.0 | 12.6 | 1644  |
| 0.0  | 0.0  | 7313  |
| 3.2  | 3.2  | 15295 |
| 4.7  | 2.9  | 10718 |
| 33.6 | 39.8 | 12181 |
| 0.4  | 0.0  | 2605  |
| 19.6 | 21.1 | 1047  |
| 0.5  | 0.0  | 1580  |
| 3.8  | 2.7  | 2527  |
| 9.5  | 9.3  | 4874  |
| 32.1 | 15.0 | 4452  |
| 2.5  | 1.2  | 2260  |
| 1.7  | 0.5  | 1528  |
| 13.8 | 11.9 | 7966  |
| 1.4  | 0.8  | 2023  |
| 0.2  | 0.2  | 15306 |
| 0.1  | 0.0  | 5111  |
| 0.0  | 0.0  | 2869  |
| 8.5  | 1.5  | 1565  |
| 15.2 | 19.4 | 10894 |
| 3.8  | 2.3  | 8376  |
| 5.5  | 3.5  | 9542  |
| 2.9  | 2.0  | 8307  |
| 0.6  | 1.4  | 2154  |
| 0.2  | 0.2  | 3629  |
| 45.9 | 28.5 | 121   |
| 0.0  | 8.8  | 119   |
| 11.1 | 4.4  | 119   |
| 0.2  | 0.2  | 4220  |
| 4.3  | 3.1  | 4646  |
| 0.6  | 0.9  | 1477  |
| 1.2  | 1.5  | 1859  |
| 10.2 | 6.2  | 3144  |
| 0.7  | 1.2  | 4038  |
| 0.8  | 0.9  | 2116  |
| 25.3 | 21.3 | 1680  |
| 0.7  | 1.2  | 969   |
| 4.7  | 2.8  | 3208  |
| 1.5  | 1.1  | 3428  |

|       |       |       |
|-------|-------|-------|
| 0.4   | 0.3   | 5710  |
| 0.1   | 0.2   | 674   |
| 0.4   | 0.7   | 2143  |
| 9.3   | 12.2  | 5235  |
| 19.1  | 24.6  | 1641  |
| 5.0   | 2.0   | 4229  |
| 3.0   | 1.1   | 4611  |
| 0.3   | 0.2   | 31190 |
| 3.0   | 1.8   | 15366 |
| 0.2   | 0.0   | 6325  |
| 0.0   | 0.0   | 525   |
| 0.8   | 0.6   | 15733 |
| 1.0   | 0.2   | 9561  |
| 28.5  | 22.2  | 935   |
| 3.5   | 1.1   | 4273  |
| 3.1   | 3.0   | 10231 |
| 0.3   | 1.3   | 1080  |
| 0.1   | 0.0   | 6531  |
| 5.3   | 7.8   | 5311  |
| 13.4  | 10.5  | 4078  |
| 2.9   | 0.5   | 2428  |
| 3.9   | 1.3   | 4103  |
| 2.3   | 2.3   | 3204  |
| 24.0  | 32.7  | 2070  |
| 2.7   | 0.8   | 2598  |
| 2.6   | 2.6   | 7366  |
| 0.1   | 0.0   | 3583  |
| 0.1   | 0.0   | 11557 |
| 4.5   | 7.2   | 766   |
| 0.0   | 7.0   | 120   |
| 3.0   | 2.4   | 4544  |
| 1.7   | 0.4   | 3804  |
| 1.9   | 2.7   | 494   |
| 258.3 | 451.8 | 914   |
| 8.6   | 6.3   | 10844 |
| 8.1   | 8.2   | 2093  |
| 6.4   | 1.3   | 2547  |
| 0.0   | 0.0   | 209   |
| 1.9   | 0.8   | 20712 |
| 0.0   | 0.0   | 689   |
| 6.6   | 6.1   | 14946 |
| 8.5   | 2.7   | 14460 |
| 8.5   | 8.0   | 5488  |
| 8.4   | 3.3   | 6098  |
| 17.4  | 12.5  | 3946  |
| 1.6   | 0.9   | 4033  |
| 0.1   | 0.0   | 2037  |

|      |      |       |
|------|------|-------|
| 6.4  | 6.0  | 5118  |
| 5.4  | 4.2  | 7393  |
| 4.2  | 2.2  | 3272  |
| 5.4  | 2.6  | 4136  |
| 6.4  | 5.7  | 10993 |
| 0.2  | 0.1  | 3897  |
| 8.9  | 7.0  | 7329  |
| 0.0  | 0.0  | 1232  |
| 3.6  | 4.2  | 872   |
| 31.6 | 26.4 | 2507  |
| 17.3 | 11.1 | 2088  |
| 0.1  | 0.0  | 3170  |
| 0.5  | 0.6  | 7916  |
| 0.0  | 0.0  | 2987  |
| 1.7  | 0.7  | 7247  |
| 3.5  | 2.2  | 5834  |
| 0.0  | 0.0  | 2786  |
| 3.9  | 2.1  | 3940  |
| 0.0  | 0.0  | 1451  |
| 1.8  | 1.1  | 14853 |
| 3.5  | 1.3  | 9753  |
| 2.1  | 0.5  | 2130  |
| 1.0  | 0.5  | 7290  |
| 16.3 | 13.4 | 3754  |
| 0.2  | 0.0  | 4632  |
| 2.1  | 1.1  | 7455  |
| 3.2  | 1.4  | 4311  |
| 0.6  | 0.3  | 3027  |
| 2.0  | 2.3  | 20441 |
| 0.0  | 0.0  | 4855  |
| 0.0  | 0.0  | 6362  |
| 3.8  | 0.8  | 4682  |
| 0.6  | 0.2  | 1740  |
| 8.0  | 3.8  | 2265  |
| 0.2  | 0.0  | 2454  |
| 7.6  | 6.4  | 5426  |
| 0.3  | 0.0  | 2664  |
| 4.4  | 4.7  | 8195  |
| 0.1  | 0.0  | 3591  |
| 0.5  | 0.6  | 3855  |
| 0.0  | 0.0  | 1524  |
| 2.0  | 1.5  | 616   |
| 0.0  | 0.0  | 2977  |
| 2.3  | 0.6  | 1869  |
| 31.2 | 24.0 | 2694  |
| 7.8  | 7.2  | 3718  |
| 4.2  | 3.4  | 5784  |



|      |      |       |
|------|------|-------|
| 3.1  | 3.3  | 2732  |
| 0.1  | 0.0  | 2194  |
| 1.5  | 0.7  | 18378 |
| 0.1  | 0.0  | 2942  |
| 0.4  | 0.0  | 1329  |
| 18.2 | 18.3 | 3697  |
| 20.0 | 13.7 | 3701  |
| 0.1  | 0.0  | 1778  |
| 0.1  | 0.2  | 1546  |
| 0.4  | 0.0  | 3124  |
| 2.3  | 2.6  | 5835  |
| 2.8  | 0.6  | 2273  |
| 0.0  | 0.0  | 4475  |
| 0.2  | 0.0  | 858   |
| 9.3  | 5.5  | 1799  |
| 0.3  | 0.0  | 1251  |
| 0.5  | 0.4  | 2232  |
| 15.5 | 18.1 | 1584  |
| 12.8 | 7.7  | 5317  |
| 0.0  | 0.0  | 7612  |
| 15.4 | 12.9 | 10241 |
| 5.3  | 2.9  | 8143  |
| 2.3  | 1.3  | 1317  |
| 3.5  | 2.9  | 1997  |
| 5.2  | 3.3  | 5519  |
| 0.3  | 0.1  | 12599 |
| 0.1  | 0.0  | 7245  |
| 15.4 | 12.6 | 3130  |
| 2.9  | 1.7  | 2301  |
| 4.5  | 3.0  | 2017  |
| 5.5  | 3.1  | 2032  |
| 5.4  | 6.7  | 719   |
| 0.4  | 0.4  | 2026  |
| 0.1  | 0.0  | 3347  |
| 0.0  | 0.0  | 2421  |
| 0.3  | 0.6  | 1064  |
| 0.0  | 0.0  | 1089  |
| 0.0  | 0.0  | 827   |
| 0.2  | 0.3  | 817   |
| 0.3  | 0.2  | 2028  |
| 8.6  | 7.2  | 2714  |
| 0.1  | 0.0  | 3461  |
| 0.0  | 0.0  | 2239  |
| 0.2  | 0.0  | 1815  |
| 1.6  | 0.9  | 1761  |
| 0.5  | 0.0  | 1185  |
| 0.3  | 0.0  | 1533  |

|       |       |       |
|-------|-------|-------|
| 0.0   | 0.0   | 1534  |
| 7.3   | 3.4   | 2264  |
| 0.0   | 0.0   | 663   |
| 1.9   | 1.1   | 593   |
| 0.0   | 0.0   | 1446  |
| 19.9  | 12.8  | 15909 |
| 0.1   | 0.0   | 5855  |
| 3.7   | 4.8   | 8660  |
| 10.9  | 12.0  | 1443  |
| 0.2   | 0.0   | 802   |
| 6.6   | 14.3  | 459   |
| 116.8 | 148.5 | 367   |
| 458.3 | 422.2 | 390   |
| 687.5 | 746.0 | 732   |
| 0.0   | 1.1   | 396   |
| 38.9  | 42.7  | 2118  |
| 0.3   | 0.0   | 1576  |
| 0.4   | 0.0   | 3201  |
| 8.3   | 4.7   | 4256  |
| 0.7   | 0.0   | 4562  |
| 2.5   | 2.6   | 1923  |
| 12.0  | 3.5   | 2525  |
| 9.1   | 12.0  | 2636  |
| 0.1   | 0.0   | 704   |
| 6.2   | 4.1   | 3876  |
| 3.0   | 3.0   | 2276  |
| 0.1   | 0.1   | 2834  |
| 0.9   | 1.3   | 908   |
| 6.1   | 5.1   | 1953  |
| 0.4   | 0.2   | 15218 |
| 1.1   | 1.2   | 7172  |
| 0.1   | 0.0   | 2446  |
| 0.6   | 0.0   | 773   |
| 0.0   | 0.0   | 911   |
| 0.2   | 0.3   | 2013  |
| 0.0   | 0.9   | 120   |
| 6.2   | 6.0   | 121   |
| 0.1   | 0.1   | 4433  |
| 0.1   | 0.0   | 5306  |
| 1.8   | 1.8   | 11174 |
| 5.8   | 1.1   | 2455  |
| 5.2   | 3.4   | 3951  |
| 204.1 | 278.9 | 425   |
| 85.1  | 116.1 | 437   |
| 497.1 | 591.0 | 438   |
| 89.6  | 57.8  | 372   |
| 0.0   | 0.0   | 368   |

|       |       |       |
|-------|-------|-------|
| 415.2 | 225.8 | 357   |
| 0.5   | 0.0   | 367   |
| 1.7   | 0.3   | 5961  |
| 0.1   | 0.0   | 3447  |
| 19.0  | 14.0  | 1835  |
| 0.0   | 0.0   | 694   |
| 10.4  | 9.8   | 11644 |
| 29.4  | 38.2  | 6701  |
| 13.6  | 6.5   | 2338  |
| 0.0   | 0.0   | 461   |
| 0.3   | 0.0   | 1506  |
| 0.1   | 0.0   | 2013  |
| 0.0   | 0.0   | 587   |
| 0.1   | 0.0   | 1573  |
| 0.1   | 0.0   | 3456  |
| 4.3   | 2.2   | 1572  |
| 4.3   | 6.0   | 3071  |
| 12.8  | 8.1   | 8504  |
| 7.2   | 7.3   | 2090  |
| 0.2   | 0.0   | 1724  |
| 0.7   | 0.2   | 4137  |
| 6.8   | 5.9   | 2230  |
| 0.5   | 0.0   | 2241  |
| 1.5   | 0.4   | 5802  |
| 0.0   | 0.0   | 469   |
| 0.2   | 0.0   | 536   |
| 0.3   | 0.2   | 3235  |
| 10.6  | 9.1   | 10263 |
| 0.0   | 0.0   | 900   |
| 3.1   | 0.6   | 11679 |
| 0.3   | 0.0   | 1441  |
| 1.0   | 0.8   | 3017  |
| 0.3   | 0.0   | 4380  |
| 13.7  | 11.5  | 3509  |
| 0.4   | 0.2   | 1863  |
| 0.3   | 0.0   | 1463  |
| 2.0   | 1.6   | 4684  |
| 0.2   | 0.2   | 1516  |
| 4.9   | 1.9   | 1192  |
| 20.4  | 21.9  | 1366  |
| 6.7   | 6.4   | 3514  |
| 1.6   | 1.4   | 8155  |
| 0.0   | 0.0   | 1680  |
| 0.1   | 0.0   | 1753  |
| 2.9   | 2.2   | 16142 |
| 0.8   | 0.3   | 5836  |
| 0.7   | 0.3   | 6598  |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 1058  |
| 8.6  | 6.7  | 1766  |
| 27.8 | 22.5 | 4337  |
| 0.5  | 0.3  | 1123  |
| 1.8  | 0.6  | 6661  |
| 0.3  | 0.0  | 710   |
| 6.3  | 4.0  | 21057 |
| 0.1  | 0.0  | 7563  |
| 0.1  | 0.0  | 2648  |
| 2.7  | 3.3  | 2922  |
| 0.1  | 0.0  | 2476  |
| 7.0  | 8.0  | 1391  |
| 0.3  | 0.0  | 7650  |
| 0.8  | 0.1  | 2602  |
| 1.1  | 0.7  | 12770 |
| 0.0  | 0.4  | 2147  |
| 0.4  | 0.0  | 1412  |
| 0.9  | 0.3  | 2579  |
| 0.3  | 0.2  | 4082  |
| 0.3  | 0.0  | 1103  |
| 0.1  | 0.0  | 4637  |
| 0.1  | 0.0  | 4216  |
| 3.7  | 2.4  | 7556  |
| 0.0  | 0.0  | 1041  |
| 0.0  | 0.2  | 1904  |
| 5.2  | 6.0  | 816   |
| 0.5  | 0.0  | 2518  |
| 9.0  | 7.2  | 825   |
| 0.5  | 0.5  | 1154  |
| 0.6  | 0.5  | 3389  |
| 0.0  | 0.0  | 335   |
| 0.3  | 0.2  | 7338  |
| 0.0  | 0.0  | 335   |
| 0.1  | 0.0  | 2618  |
| 7.1  | 6.2  | 20998 |
| 3.1  | 1.4  | 19422 |
| 3.5  | 1.6  | 2788  |
| 0.0  | 0.0  | 335   |
| 6.5  | 2.6  | 3806  |
| 0.0  | 0.0  | 3241  |
| 27.4 | 21.3 | 4030  |
| 1.0  | 0.4  | 2671  |
| 0.1  | 0.0  | 9306  |
| 0.1  | 0.0  | 3130  |
| 5.1  | 3.5  | 13677 |
| 0.7  | 0.6  | 4466  |
| 7.2  | 5.5  | 2198  |

|      |      |       |
|------|------|-------|
| 2.2  | 0.9  | 2266  |
| 19.7 | 13.6 | 2873  |
| 2.5  | 1.7  | 14869 |
| 1.2  | 0.6  | 3834  |
| 3.0  | 0.8  | 2379  |
| 0.9  | 0.3  | 3651  |
| 1.0  | 0.1  | 1545  |
| 6.9  | 5.0  | 3593  |
| 0.9  | 0.2  | 1722  |
| 1.2  | 0.0  | 616   |
| 0.7  | 0.5  | 4524  |
| 0.1  | 0.0  | 682   |
| 5.9  | 3.4  | 10686 |
| 3.7  | 3.6  | 3198  |
| 0.2  | 0.1  | 6059  |
| 8.5  | 3.6  | 1982  |
| 7.4  | 5.9  | 2121  |
| 8.3  | 3.4  | 9963  |
| 35.3 | 26.0 | 1557  |
| 56.6 | 52.1 | 3214  |
| 0.2  | 0.0  | 5379  |
| 4.5  | 3.4  | 4126  |
| 0.0  | 0.0  | 810   |
| 0.2  | 0.0  | 3780  |
| 0.0  | 0.0  | 2243  |
| 11.4 | 9.5  | 23062 |
| 0.3  | 0.1  | 1076  |
| 0.1  | 0.0  | 9803  |
| 0.0  | 0.2  | 6862  |
| 1.3  | 1.0  | 3082  |
| 21.0 | 7.6  | 3322  |
| 0.2  | 0.4  | 2193  |
| 5.5  | 1.1  | 2534  |
| 1.5  | 1.0  | 2166  |
| 1.8  | 0.4  | 1128  |
| 0.0  | 0.0  | 33202 |
| 0.5  | 0.4  | 1268  |
| 14.6 | 16.4 | 1277  |
| 11.3 | 9.3  | 5294  |
| 1.7  | 1.0  | 25061 |
| 0.3  | 0.7  | 628   |
| 1.4  | 0.6  | 20252 |
| 0.2  | 0.0  | 2679  |
| 0.0  | 0.0  | 1020  |
| 6.1  | 6.5  | 4645  |
| 0.0  | 0.1  | 1223  |
| 2.4  | 1.1  | 462   |

|       |       |       |
|-------|-------|-------|
| 204.9 | 192.1 | 467   |
| 12.7  | 11.1  | 1405  |
| 325.1 | 263.0 | 374   |
| 350.5 | 334.0 | 377   |
| 21.7  | 24.9  | 11426 |
| 0.5   | 0.0   | 1040  |
| 2.5   | 2.3   | 1159  |
| 0.3   | 0.0   | 708   |
| 9.6   | 4.7   | 2069  |
| 8.5   | 7.9   | 1599  |
| 0.2   | 0.0   | 1536  |
| 27.2  | 22.2  | 1196  |
| 12.4  | 8.2   | 7510  |
| 12.7  | 11.4  | 1216  |
| 1.3   | 0.8   | 661   |
| 0.9   | 0.6   | 5303  |
| 2.5   | 1.7   | 5542  |
| 6.9   | 1.7   | 2129  |
| 1.8   | 1.5   | 3748  |
| 0.4   | 0.0   | 748   |
| 0.1   | 0.0   | 3225  |
| 2.9   | 2.0   | 7795  |
| 1.3   | 0.5   | 2398  |
| 0.0   | 0.0   | 1210  |
| 0.7   | 0.1   | 1613  |
| 1.8   | 2.0   | 1648  |
| 3.2   | 2.3   | 1965  |
| 3.2   | 2.1   | 22348 |
| 0.2   | 0.0   | 1674  |
| 0.1   | 0.0   | 1985  |
| 0.5   | 0.2   | 2747  |
| 1.0   | 0.8   | 1928  |
| 15.6  | 10.0  | 2286  |
| 1.4   | 0.3   | 654   |
| 10.0  | 6.7   | 3705  |
| 2.9   | 1.0   | 2884  |
| 4.6   | 4.0   | 2393  |
| 1.8   | 1.4   | 584   |
| 39.8  | 14.1  | 4319  |
| 1.2   | 0.5   | 3806  |
| 0.5   | 0.1   | 8673  |
| 0.2   | 0.0   | 1955  |
| 683.4 | 648.0 | 534   |
| 56.9  | 30.4  | 2453  |
| 3.7   | 4.8   | 1581  |
| 0.1   | 0.0   | 13862 |
| 2.6   | 1.6   | 8168  |

|      |      |       |
|------|------|-------|
| 4.1  | 0.9  | 4968  |
| 0.1  | 0.1  | 2148  |
| 0.2  | 0.0  | 2611  |
| 0.0  | 0.0  | 43469 |
| 0.0  | 0.0  | 1589  |
| 19.0 | 15.2 | 4989  |
| 0.0  | 0.0  | 13728 |
| 0.2  | 0.3  | 5562  |
| 0.3  | 0.1  | 3892  |
| 8.1  | 2.6  | 1038  |
| 0.2  | 0.0  | 3242  |
| 11.0 | 10.3 | 8866  |
| 0.4  | 0.0  | 2105  |
| 0.1  | 0.0  | 1507  |
| 0.3  | 0.0  | 1361  |
| 0.3  | 0.0  | 1749  |
| 2.2  | 0.7  | 850   |
| 0.1  | 0.0  | 2262  |
| 2.4  | 2.2  | 5359  |
| 2.9  | 0.5  | 1990  |
| 3.2  | 4.0  | 1440  |
| 0.1  | 0.1  | 1904  |
| 5.2  | 1.8  | 1002  |
| 0.5  | 0.1  | 1858  |
| 0.1  | 0.0  | 2842  |
| 2.3  | 1.2  | 1223  |
| 8.3  | 7.2  | 13739 |
| 0.1  | 0.4  | 1045  |
| 0.9  | 0.4  | 1394  |
| 1.0  | 0.8  | 1540  |
| 0.0  | 0.0  | 2165  |
| 0.6  | 0.3  | 2989  |
| 0.0  | 0.0  | 2282  |
| 0.1  | 0.0  | 1175  |
| 1.3  | 0.7  | 3021  |
| 0.1  | 0.0  | 4311  |
| 0.1  | 0.0  | 6144  |
| 0.1  | 0.0  | 830   |
| 0.3  | 0.1  | 1006  |
| 1.1  | 0.8  | 3474  |
| 1.7  | 1.1  | 4637  |
| 9.8  | 8.3  | 6949  |
| 4.7  | 2.1  | 4139  |
| 7.2  | 3.0  | 525   |
| 6.7  | 8.2  | 561   |
| 0.0  | 0.0  | 1660  |
| 42.0 | 30.0 | 606   |

|      |      |       |
|------|------|-------|
| 25.9 | 14.0 | 1526  |
| 0.0  | 0.0  | 566   |
| 7.6  | 5.3  | 1108  |
| 4.8  | 3.8  | 1973  |
| 0.0  | 0.0  | 1112  |
| 12.8 | 10.0 | 1815  |
| 7.4  | 5.8  | 3898  |
| 0.1  | 0.0  | 6899  |
| 0.2  | 0.0  | 1661  |
| 0.2  | 0.0  | 1678  |
| 3.3  | 3.8  | 2318  |
| 39.5 | 59.4 | 1226  |
| 4.8  | 5.4  | 2305  |
| 18.3 | 24.6 | 1708  |
| 3.4  | 2.8  | 2403  |
| 19.5 | 14.4 | 1602  |
| 12.5 | 7.4  | 2201  |
| 5.4  | 4.3  | 1585  |
| 4.7  | 6.1  | 3390  |
| 11.5 | 8.7  | 3273  |
| 0.3  | 0.6  | 1781  |
| 0.0  | 0.0  | 4434  |
| 2.2  | 1.1  | 1359  |
| 7.7  | 4.5  | 3338  |
| 0.0  | 0.0  | 5158  |
| 0.0  | 0.0  | 1352  |
| 9.4  | 5.6  | 2875  |
| 5.5  | 5.2  | 1644  |
| 4.4  | 3.8  | 1913  |
| 6.0  | 6.0  | 1999  |
| 0.0  | 0.0  | 8745  |
| 0.5  | 0.4  | 2248  |
| 5.7  | 5.5  | 7148  |
| 0.1  | 0.0  | 2808  |
| 2.6  | 2.1  | 3213  |
| 2.0  | 1.4  | 1428  |
| 2.3  | 3.4  | 810   |
| 1.0  | 0.3  | 3705  |
| 5.5  | 2.2  | 3653  |
| 0.1  | 0.0  | 13476 |
| 0.1  | 0.0  | 1282  |
| 1.6  | 0.6  | 9418  |
| 0.7  | 0.2  | 9898  |
| 2.4  | 1.5  | 1628  |
| 8.4  | 7.3  | 1381  |
| 1.9  | 1.8  | 1192  |
| 2.1  | 3.5  | 1330  |



|       |       |       |
|-------|-------|-------|
| 5.2   | 4.9   | 981   |
| 0.3   | 0.3   | 2700  |
| 64.2  | 50.2  | 1512  |
| 0.1   | 0.0   | 746   |
| 0.1   | 0.0   | 654   |
| 0.0   | 0.0   | 2721  |
| 0.0   | 0.0   | 1609  |
| 0.0   | 0.0   | 2297  |
| 0.0   | 0.0   | 2247  |
| 409.7 | 368.7 | 546   |
| 249.9 | 291.6 | 430   |
| 44.6  | 58.1  | 435   |
| 33.4  | 37.1  | 3111  |
| 5.1   | 3.8   | 10306 |
| 246.4 | 331.0 | 466   |
| 350.8 | 414.4 | 472   |
| 1.6   | 1.3   | 3979  |
| 6.6   | 3.5   | 2140  |
| 0.0   | 0.0   | 6645  |
| 0.0   | 0.0   | 5550  |
| 29.7  | 37.7  | 6719  |
| 1.6   | 0.5   | 4519  |
| 3.7   | 4.2   | 11671 |
| 0.1   | 0.0   | 2043  |
| 0.0   | 0.0   | 3080  |
| 4.7   | 3.2   | 18662 |
| 19.7  | 10.4  | 4225  |
| 3.4   | 2.7   | 3488  |
| 0.5   | 0.4   | 3592  |
| 0.2   | 0.0   | 2088  |
| 0.3   | 0.1   | 8118  |
| 3.5   | 2.7   | 7500  |
| 8.2   | 8.4   | 3305  |
| 3.5   | 2.8   | 31911 |
| 5.1   | 4.8   | 24704 |
| 10.2  | 8.1   | 7361  |
| 15.7  | 11.4  | 7800  |
| 1.5   | 0.8   | 10463 |
| 0.7   | 0.6   | 9059  |
| 70.7  | 87.3  | 6195  |
| 7.1   | 7.2   | 3833  |
| 9.1   | 6.4   | 4284  |
| 24.6  | 21.7  | 2286  |
| 2.4   | 1.6   | 14126 |
| 0.0   | 0.0   | 1901  |
| 3.5   | 3.5   | 2983  |
| 0.5   | 0.2   | 2884  |

|       |       |       |
|-------|-------|-------|
| 4.2   | 1.7   | 2196  |
| 4.7   | 3.3   | 795   |
| 2.0   | 1.1   | 2795  |
| 4.9   | 3.6   | 1435  |
| 0.1   | 0.1   | 1643  |
| 4.7   | 3.7   | 7906  |
| 172.0 | 127.8 | 2166  |
| 8.1   | 10.0  | 2592  |
| 19.0  | 18.6  | 2559  |
| 0.1   | 0.0   | 3207  |
| 40.8  | 26.5  | 3852  |
| 4.9   | 4.2   | 5570  |
| 5.3   | 7.4   | 2019  |
| 2.2   | 1.4   | 19845 |
| 0.8   | 0.0   | 1180  |
| 5.9   | 5.2   | 5123  |
| 0.2   | 0.0   | 2298  |
| 1.3   | 0.8   | 7447  |
| 0.7   | 0.4   | 2694  |
| 2.2   | 0.9   | 10446 |
| 2.1   | 1.2   | 3429  |
| 0.8   | 0.5   | 51274 |
| 0.3   | 0.0   | 2799  |
| 0.0   | 0.2   | 2026  |
| 0.1   | 0.0   | 3668  |
| 1.4   | 1.4   | 2933  |
| 1.2   | 0.8   | 5228  |
| 0.8   | 0.0   | 1210  |
| 6.2   | 4.8   | 6823  |
| 0.2   | 0.0   | 2259  |
| 10.4  | 6.7   | 2479  |
| 47.1  | 38.0  | 4432  |
| 0.2   | 0.0   | 13640 |
| 0.0   | 0.0   | 1454  |
| 1.3   | 0.3   | 10605 |
| 0.1   | 0.0   | 5613  |
| 2.9   | 1.7   | 7489  |
| 4.6   | 2.1   | 9348  |
| 2.3   | 1.4   | 7676  |
| 10.1  | 7.2   | 2929  |
| 0.0   | 0.0   | 5748  |
| 0.2   | 0.1   | 3027  |
| 1.8   | 1.0   | 11243 |
| 4.9   | 4.4   | 7580  |
| 4.1   | 3.6   | 2747  |
| 0.0   | 0.0   | 1056  |
| 24.6  | 19.8  | 4848  |

|       |      |       |
|-------|------|-------|
| 0.0   | 0.0  | 21309 |
| 1.0   | 0.9  | 6932  |
| 2.4   | 0.7  | 3914  |
| 2.5   | 1.1  | 20003 |
| 0.0   | 0.0  | 17634 |
| 1.0   | 0.3  | 5269  |
| 0.1   | 0.3  | 752   |
| 119.8 | 46.8 | 1171  |
| 7.5   | 7.8  | 2753  |
| 0.0   | 0.0  | 4111  |
| 0.5   | 0.1  | 15328 |
| 3.9   | 3.0  | 2904  |
| 1.6   | 0.8  | 9466  |
| 0.4   | 0.4  | 4677  |
| 12.9  | 11.3 | 4088  |
| 4.7   | 3.1  | 5885  |
| 2.2   | 3.1  | 5416  |
| 0.1   | 0.0  | 11462 |
| 3.7   | 2.2  | 9807  |
| 29.6  | 32.8 | 567   |
| 0.0   | 0.0  | 25757 |
| 0.1   | 0.0  | 2392  |
| 3.5   | 3.1  | 5827  |
| 6.8   | 9.6  | 6136  |
| 2.2   | 1.2  | 2903  |
| 5.6   | 3.1  | 2364  |
| 0.2   | 0.0  | 4926  |
| 2.0   | 0.5  | 3371  |
| 0.3   | 0.0  | 2172  |
| 6.5   | 6.9  | 3351  |
| 0.1   | 0.0  | 1276  |
| 0.0   | 0.0  | 1320  |
| 0.0   | 0.0  | 915   |
| 0.3   | 0.5  | 1352  |
| 11.1  | 12.2 | 2421  |
| 3.1   | 2.4  | 2706  |
| 14.5  | 12.0 | 8212  |
| 3.7   | 5.3  | 4172  |
| 1.3   | 1.2  | 3237  |
| 0.8   | 0.3  | 1583  |
| 11.7  | 7.9  | 1786  |
| 7.6   | 6.1  | 1975  |
| 3.3   | 3.3  | 7051  |
| 4.6   | 3.1  | 3748  |
| 0.4   | 0.0  | 921   |
| 0.4   | 0.1  | 2210  |
| 0.1   | 0.0  | 4775  |

|       |       |       |
|-------|-------|-------|
| 0.5   | 0.0   | 2590  |
| 3.4   | 3.2   | 2354  |
| 1.8   | 1.9   | 1506  |
| 4.1   | 2.4   | 2777  |
| 0.0   | 0.0   | 1644  |
| 2.9   | 2.9   | 5215  |
| 217.6 | 254.8 | 445   |
| 6.4   | 4.3   | 4013  |
| 6.8   | 6.2   | 3729  |
| 49.8  | 38.4  | 4380  |
| 38.7  | 18.5  | 1466  |
| 31.5  | 29.2  | 13681 |
| 15.6  | 11.7  | 1505  |
| 1.7   | 0.6   | 1179  |
| 11.6  | 11.2  | 3156  |
| 9.0   | 13.1  | 1312  |
| 34.2  | 21.9  | 4029  |
| 0.9   | 0.7   | 8158  |
| 0.2   | 0.0   | 2385  |
| 7.0   | 4.9   | 2763  |
| 0.3   | 0.0   | 1758  |
| 5.8   | 5.4   | 5926  |
| 1.4   | 1.2   | 10624 |
| 9.1   | 8.0   | 3714  |
| 0.7   | 0.4   | 20035 |
| 0.0   | 0.0   | 22034 |
| 4.6   | 4.4   | 10193 |
| 0.5   | 0.0   | 3271  |
| 0.0   | 0.0   | 2029  |
| 12.2  | 13.0  | 1732  |
| 3.9   | 4.0   | 11576 |
| 17.0  | 10.4  | 2062  |
| 7.1   | 4.2   | 3408  |
| 3.3   | 2.2   | 5075  |
| 1.1   | 1.0   | 4607  |
| 6.7   | 4.2   | 14249 |
| 8.5   | 9.0   | 3084  |
| 0.7   | 1.2   | 987   |
| 0.0   | 0.0   | 3859  |
| 3.2   | 1.9   | 8294  |
| 23.0  | 15.8  | 740   |
| 34.1  | 26.1  | 904   |
| 8.8   | 7.0   | 31276 |
| 14.6  | 7.7   | 10281 |
| 0.0   | 0.0   | 7002  |
| 15.8  | 7.1   | 2498  |
| 22.0  | 19.1  | 2068  |

|      |      |       |
|------|------|-------|
| 8.7  | 15.5 | 2318  |
| 6.7  | 8.3  | 10448 |
| 0.0  | 0.0  | 2754  |
| 1.3  | 0.8  | 12800 |
| 2.2  | 1.2  | 19546 |
| 1.3  | 1.1  | 3465  |
| 6.5  | 7.4  | 4802  |
| 0.0  | 0.0  | 501   |
| 11.1 | 9.9  | 1225  |
| 0.6  | 0.3  | 9765  |
| 13.3 | 7.4  | 717   |
| 0.3  | 0.2  | 2578  |
| 5.5  | 4.6  | 11738 |
| 7.3  | 4.5  | 7933  |
| 20.5 | 16.8 | 3435  |
| 0.1  | 0.0  | 3600  |
| 0.1  | 0.0  | 5492  |
| 0.1  | 0.1  | 50596 |
| 2.4  | 1.5  | 19522 |
| 0.1  | 0.0  | 2780  |
| 0.5  | 0.6  | 3732  |
| 30.9 | 27.1 | 5173  |
| 4.4  | 7.0  | 7555  |
| 10.6 | 17.6 | 2970  |
| 6.6  | 6.1  | 6763  |
| 2.2  | 1.7  | 6077  |
| 0.1  | 0.1  | 3234  |
| 2.7  | 2.7  | 7842  |
| 0.0  | 0.1  | 8427  |
| 1.4  | 1.8  | 2015  |
| 6.8  | 5.3  | 4287  |
| 0.7  | 0.4  | 3883  |
| 3.5  | 3.0  | 3374  |
| 0.0  | 0.0  | 2086  |
| 1.5  | 1.4  | 23199 |
| 19.1 | 13.7 | 1750  |
| 8.4  | 5.1  | 2209  |
| 8.1  | 6.9  | 6221  |
| 6.3  | 5.7  | 4420  |
| 7.8  | 4.0  | 6311  |
| 5.6  | 4.7  | 3034  |
| 4.0  | 3.0  | 4002  |
| 4.7  | 8.2  | 6242  |
| 8.2  | 8.5  | 1160  |
| 4.7  | 3.8  | 5277  |
| 2.6  | 2.5  | 2205  |
| 36.1 | 36.8 | 3970  |

|       |       |       |
|-------|-------|-------|
| 0.7   | 0.7   | 5679  |
| 2.5   | 1.3   | 4762  |
| 27.7  | 20.2  | 1855  |
| 19.6  | 10.5  | 4134  |
| 0.1   | 0.0   | 3938  |
| 0.5   | 0.2   | 6938  |
| 0.1   | 0.0   | 7524  |
| 0.9   | 0.8   | 17844 |
| 0.0   | 0.0   | 2264  |
| 1.3   | 1.2   | 24395 |
| 0.9   | 0.3   | 7714  |
| 3.9   | 1.7   | 4378  |
| 0.8   | 0.3   | 5128  |
| 5.0   | 1.8   | 5292  |
| 23.7  | 10.6  | 4035  |
| 6.8   | 5.2   | 962   |
| 0.3   | 0.0   | 925   |
| 0.6   | 0.3   | 18366 |
| 37.4  | 36.1  | 2412  |
| 7.3   | 2.4   | 2990  |
| 0.1   | 0.0   | 3125  |
| 0.1   | 0.1   | 3714  |
| 25.2  | 23.1  | 3459  |
| 0.2   | 0.0   | 3995  |
| 0.2   | 0.2   | 471   |
| 0.1   | 0.0   | 4366  |
| 1.3   | 1.9   | 3473  |
| 0.0   | 0.0   | 1477  |
| 0.5   | 0.1   | 16519 |
| 0.5   | 0.3   | 8717  |
| 2.2   | 0.7   | 5933  |
| 0.2   | 0.1   | 32324 |
| 0.0   | 0.0   | 19643 |
| 0.0   | 0.0   | 1064  |
| 0.0   | 0.0   | 8794  |
| 7.7   | 6.0   | 1170  |
| 0.1   | 0.0   | 3101  |
| 0.0   | 0.0   | 2716  |
| 36.1  | 27.3  | 1928  |
| 1.3   | 0.6   | 6198  |
| 167.1 | 176.1 | 6504  |
| 12.1  | 13.7  | 3525  |
| 0.2   | 0.0   | 3359  |
| 8.9   | 7.5   | 16908 |
| 9.9   | 11.2  | 2443  |
| 6.4   | 6.8   | 5731  |
| 0.8   | 0.4   | 4431  |

|       |      |       |
|-------|------|-------|
| 0.0   | 0.0  | 10503 |
| 1.8   | 1.0  | 13137 |
| 0.2   | 0.0  | 16548 |
| 3.2   | 3.5  | 2883  |
| 0.6   | 1.0  | 1861  |
| 0.1   | 0.1  | 1534  |
| 0.0   | 0.0  | 2265  |
| 2.4   | 1.6  | 4081  |
| 0.3   | 0.3  | 2176  |
| 4.2   | 1.9  | 1068  |
| 0.1   | 0.0  | 840   |
| 0.0   | 0.0  | 465   |
| 1.3   | 3.0  | 1604  |
| 1.7   | 1.4  | 3014  |
| 0.9   | 1.2  | 4294  |
| 15.7  | 14.0 | 6638  |
| 0.0   | 0.0  | 855   |
| 0.2   | 0.1  | 5662  |
| 0.9   | 1.7  | 3865  |
| 0.9   | 0.3  | 4805  |
| 23.1  | 30.3 | 3316  |
| 8.9   | 8.1  | 11113 |
| 0.2   | 0.0  | 3895  |
| 0.3   | 0.1  | 1455  |
| 0.0   | 0.0  | 1335  |
| 3.4   | 1.5  | 2501  |
| 0.0   | 0.0  | 1789  |
| 5.0   | 3.8  | 17738 |
| 2.0   | 1.6  | 10079 |
| 5.0   | 1.6  | 3738  |
| 2.4   | 1.0  | 2376  |
| 0.1   | 0.0  | 3012  |
| 1.1   | 0.4  | 15171 |
| 0.1   | 0.0  | 2174  |
| 32.4  | 43.8 | 2166  |
| 4.8   | 3.7  | 8247  |
| 4.5   | 4.0  | 10040 |
| 2.4   | 2.9  | 3997  |
| 0.2   | 0.0  | 1721  |
| 2.4   | 1.5  | 12298 |
| 3.2   | 4.7  | 10740 |
| 3.5   | 1.7  | 3182  |
| 104.2 | 92.9 | 2021  |
| 5.9   | 5.9  | 9470  |
| 1.8   | 1.7  | 11479 |
| 3.5   | 2.9  | 3536  |
| 4.8   | 4.7  | 11778 |

|      |       |       |
|------|-------|-------|
| 9.6  | 8.0   | 5847  |
| 0.1  | 0.0   | 9453  |
| 0.0  | 0.0   | 551   |
| 0.1  | 0.0   | 2086  |
| 4.3  | 3.9   | 7040  |
| 1.8  | 0.9   | 5001  |
| 11.2 | 10.3  | 7806  |
| 0.2  | 0.0   | 3026  |
| 39.5 | 27.8  | 4699  |
| 26.5 | 24.5  | 8225  |
| 1.5  | 0.3   | 13089 |
| 0.1  | 0.3   | 5553  |
| 0.1  | 0.1   | 22383 |
| 3.5  | 3.9   | 5953  |
| 1.8  | 1.1   | 10203 |
| 10.8 | 11.4  | 4997  |
| 23.4 | 19.7  | 1863  |
| 0.4  | 0.1   | 4124  |
| 0.1  | 0.2   | 4744  |
| 1.2  | 0.7   | 11792 |
| 20.4 | 16.4  | 3000  |
| 20.1 | 17.3  | 2299  |
| 35.4 | 30.4  | 3522  |
| 4.6  | 4.9   | 9183  |
| 2.8  | 1.5   | 11435 |
| 14.7 | 8.9   | 3916  |
| 2.2  | 1.7   | 26518 |
| 92.0 | 139.8 | 1321  |
| 0.3  | 0.0   | 4795  |
| 0.5  | 0.4   | 19480 |
| 2.9  | 0.4   | 3509  |
| 3.3  | 5.9   | 6888  |
| 2.4  | 2.9   | 2386  |
| 1.6  | 1.5   | 9519  |
| 0.1  | 0.0   | 13739 |
| 2.6  | 1.8   | 3637  |
| 12.1 | 13.8  | 5462  |
| 4.4  | 3.1   | 1609  |
| 2.6  | 2.0   | 2706  |
| 10.8 | 7.1   | 6106  |
| 16.7 | 6.8   | 4339  |
| 0.1  | 0.0   | 2515  |
| 2.9  | 1.9   | 5850  |
| 26.5 | 32.2  | 957   |
| 2.5  | 1.9   | 8138  |
| 4.8  | 3.1   | 6417  |
| 0.0  | 0.0   | 1342  |



|      |      |       |
|------|------|-------|
| 0.4  | 0.1  | 6972  |
| 10.9 | 4.9  | 1696  |
| 0.0  | 0.0  | 953   |
| 4.4  | 4.5  | 7815  |
| 5.6  | 1.2  | 1925  |
| 6.4  | 3.0  | 5324  |
| 1.4  | 1.1  | 11441 |
| 8.3  | 8.0  | 1948  |
| 0.0  | 0.0  | 13319 |
| 0.7  | 0.3  | 7716  |
| 2.7  | 2.4  | 772   |
| 0.7  | 0.3  | 3031  |
| 4.4  | 2.2  | 7064  |
| 5.1  | 3.2  | 3615  |
| 1.6  | 1.8  | 17020 |
| 2.4  | 1.0  | 6052  |
| 0.7  | 0.2  | 3995  |
| 1.2  | 1.2  | 19554 |
| 0.5  | 0.0  | 2167  |
| 1.9  | 0.8  | 9547  |
| 0.9  | 0.3  | 14920 |
| 0.3  | 0.1  | 10936 |
| 2.1  | 0.7  | 4142  |
| 0.0  | 0.0  | 36762 |
| 1.3  | 0.3  | 10343 |
| 0.2  | 0.0  | 3227  |
| 1.7  | 0.9  | 2253  |
| 4.4  | 3.3  | 21900 |
| 0.0  | 0.0  | 3512  |
| 2.1  | 1.4  | 6186  |
| 0.3  | 0.4  | 1731  |
| 1.4  | 0.6  | 5032  |
| 0.3  | 0.5  | 3674  |
| 4.8  | 4.4  | 4319  |
| 0.2  | 0.0  | 4686  |
| 0.5  | 0.1  | 5374  |
| 27.5 | 15.7 | 3980  |
| 0.0  | 0.0  | 85790 |
| 1.1  | 0.9  | 855   |
| 5.8  | 4.8  | 2261  |
| 0.2  | 0.0  | 2426  |
| 3.0  | 2.6  | 8738  |
| 7.3  | 6.2  | 5503  |
| 2.6  | 1.7  | 13757 |
| 11.9 | 8.0  | 728   |
| 1.2  | 0.9  | 6476  |
| 1.2  | 1.0  | 3021  |

|      |      |       |
|------|------|-------|
| 2.0  | 0.4  | 2785  |
| 4.3  | 2.8  | 15717 |
| 16.3 | 12.9 | 3801  |
| 0.1  | 0.0  | 2373  |
| 7.4  | 8.7  | 10259 |
| 14.9 | 17.4 | 3263  |
| 0.0  | 0.0  | 3412  |
| 0.5  | 0.8  | 3513  |
| 7.4  | 2.6  | 1465  |
| 1.5  | 1.7  | 2449  |
| 0.5  | 0.1  | 786   |
| 7.8  | 3.9  | 5112  |
| 2.6  | 1.2  | 2175  |
| 0.2  | 0.2  | 2928  |
| 0.4  | 0.3  | 2523  |
| 0.6  | 0.3  | 2766  |
| 0.0  | 0.0  | 6290  |
| 0.1  | 0.1  | 5552  |
| 0.6  | 0.0  | 1319  |
| 0.1  | 0.0  | 1724  |
| 0.4  | 0.0  | 1697  |
| 56.8 | 56.4 | 2562  |
| 0.1  | 0.0  | 5551  |
| 0.0  | 0.1  | 1443  |
| 0.4  | 0.0  | 3581  |
| 2.0  | 1.9  | 3178  |
| 0.0  | 0.0  | 5666  |
| 0.7  | 0.2  | 17426 |
| 9.5  | 7.0  | 8378  |
| 0.5  | 0.1  | 18264 |
| 0.2  | 0.0  | 2264  |
| 5.8  | 5.3  | 1014  |
| 9.8  | 4.9  | 767   |
| 10.9 | 9.0  | 3788  |
| 1.8  | 0.8  | 5904  |
| 0.1  | 0.1  | 1262  |
| 10.8 | 8.2  | 5433  |
| 0.0  | 0.0  | 4439  |
| 9.6  | 13.0 | 2178  |
| 0.4  | 0.2  | 2418  |
| 19.6 | 11.7 | 16065 |
| 1.9  | 0.9  | 1023  |
| 0.0  | 0.0  | 1109  |
| 0.4  | 0.0  | 1388  |
| 0.1  | 0.0  | 3506  |
| 14.4 | 10.6 | 3359  |
| 0.2  | 0.1  | 5550  |

|      |      |       |
|------|------|-------|
| 2.7  | 1.6  | 4991  |
| 4.4  | 2.6  | 6052  |
| 4.7  | 3.2  | 18275 |
| 5.2  | 5.7  | 4145  |
| 0.0  | 0.0  | 996   |
| 4.4  | 1.3  | 5480  |
| 18.4 | 13.6 | 6975  |
| 0.1  | 0.0  | 2834  |
| 1.3  | 0.5  | 2502  |
| 0.0  | 0.0  | 2192  |
| 0.0  | 0.0  | 2016  |
| 7.9  | 6.7  | 10719 |
| 8.3  | 7.6  | 994   |
| 0.1  | 0.1  | 1404  |
| 4.1  | 3.6  | 8779  |
| 0.0  | 0.0  | 2091  |
| 0.1  | 0.0  | 6140  |
| 0.1  | 0.0  | 6678  |
| 0.0  | 0.0  | 1174  |
| 6.0  | 6.6  | 7793  |
| 0.2  | 0.3  | 13539 |
| 11.6 | 9.9  | 5336  |
| 0.0  | 0.0  | 6942  |
| 16.3 | 19.0 | 3493  |
| 1.4  | 1.0  | 8226  |
| 33.1 | 37.0 | 3232  |
| 0.5  | 0.7  | 1433  |
| 13.1 | 7.2  | 4169  |
| 0.1  | 0.0  | 2434  |
| 73.3 | 38.2 | 4961  |
| 3.8  | 2.6  | 7509  |
| 10.8 | 6.1  | 1404  |
| 2.6  | 0.9  | 1501  |
| 1.0  | 0.1  | 3180  |
| 0.3  | 0.0  | 564   |
| 1.2  | 0.6  | 2639  |
| 1.3  | 0.5  | 21623 |
| 78.5 | 83.2 | 5235  |
| 0.0  | 0.0  | 4136  |
| 0.1  | 0.1  | 25317 |
| 1.4  | 0.4  | 1836  |
| 2.1  | 2.3  | 14008 |
| 6.7  | 2.9  | 4235  |
| 5.6  | 2.9  | 4234  |
| 1.0  | 0.3  | 4407  |
| 0.8  | 0.4  | 8469  |
| 0.2  | 0.1  | 4219  |

|      |      |       |
|------|------|-------|
| 3.6  | 3.3  | 19121 |
| 4.2  | 1.7  | 7214  |
| 18.7 | 12.8 | 4346  |
| 0.1  | 0.0  | 4102  |
| 5.3  | 5.7  | 10851 |
| 0.2  | 0.0  | 2015  |
| 2.6  | 1.3  | 14979 |
| 3.1  | 0.0  | 61    |
| 0.0  | 0.0  | 7806  |
| 9.3  | 8.5  | 8475  |
| 0.5  | 0.2  | 8169  |
| 0.4  | 0.2  | 4985  |
| 3.8  | 3.2  | 10131 |
| 0.0  | 0.0  | 672   |
| 0.0  | 0.0  | 6428  |
| 0.5  | 0.3  | 1988  |
| 12.4 | 12.1 | 6168  |
| 14.7 | 10.8 | 2766  |
| 5.6  | 2.6  | 3785  |
| 94.9 | 89.7 | 4109  |
| 4.9  | 2.7  | 2787  |
| 1.8  | 2.3  | 6283  |
| 0.6  | 0.3  | 2232  |
| 16.9 | 10.8 | 1234  |
| 0.0  | 0.0  | 655   |
| 6.7  | 7.9  | 2349  |
| 0.0  | 0.0  | 9198  |
| 12.1 | 9.6  | 1582  |
| 23.4 | 23.8 | 5063  |
| 0.4  | 0.2  | 5716  |
| 2.5  | 1.7  | 27433 |
| 0.2  | 0.0  | 578   |
| 10.7 | 10.0 | 2314  |
| 0.2  | 0.0  | 1605  |
| 23.1 | 13.2 | 9576  |
| 0.1  | 0.0  | 10195 |
| 1.2  | 0.3  | 7219  |
| 5.9  | 2.1  | 8227  |
| 0.1  | 0.0  | 25215 |
| 4.5  | 3.9  | 3776  |
| 32.9 | 31.6 | 3036  |
| 0.3  | 0.2  | 6742  |
| 0.3  | 0.0  | 2284  |
| 0.3  | 1.1  | 1184  |
| 40.9 | 35.9 | 3279  |
| 4.0  | 2.2  | 8823  |
| 0.3  | 0.3  | 69362 |

|       |       |       |
|-------|-------|-------|
| 5.9   | 3.6   | 18944 |
| 6.1   | 4.9   | 2814  |
| 5.1   | 8.1   | 4235  |
| 3.5   | 1.9   | 6063  |
| 0.0   | 0.0   | 6453  |
| 0.2   | 0.2   | 17661 |
| 3.5   | 3.1   | 5437  |
| 0.0   | 0.0   | 3936  |
| 2.2   | 1.1   | 592   |
| 0.9   | 0.6   | 1093  |
| 0.3   | 0.1   | 2794  |
| 6.4   | 4.9   | 5861  |
| 376.2 | 278.2 | 1087  |
| 6.1   | 3.3   | 6091  |
| 3.4   | 2.8   | 5425  |
| 47.5  | 44.5  | 852   |
| 0.1   | 0.0   | 3318  |
| 3.4   | 2.1   | 2130  |
| 92.3  | 97.4  | 925   |
| 0.1   | 0.0   | 4095  |
| 0.4   | 0.7   | 1821  |
| 163.2 | 150.0 | 660   |
| 1.2   | 0.3   | 4389  |
| 0.7   | 0.5   | 16590 |
| 0.1   | 0.0   | 3980  |
| 0.2   | 0.0   | 3420  |
| 15.5  | 11.5  | 3852  |
| 0.6   | 0.1   | 2066  |
| 8.7   | 6.2   | 1741  |
| 0.2   | 0.0   | 3047  |
| 0.8   | 0.4   | 1330  |
| 0.8   | 0.0   | 472   |
| 0.6   | 1.6   | 469   |
| 0.0   | 0.0   | 425   |
| 0.0   | 0.0   | 384   |
| 0.0   | 0.0   | 469   |
| 6.0   | 4.5   | 2866  |
| 0.1   | 0.1   | 5307  |
| 18.0  | 80.8  | 2223  |
| 0.0   | 0.0   | 874   |
| 3.6   | 2.8   | 5363  |
| 4.8   | 3.8   | 6245  |
| 2.6   | 0.8   | 2283  |
| 7.9   | 7.7   | 2189  |
| 46.7  | 41.0  | 1314  |
| 5.6   | 14.6  | 1388  |
| 1.0   | 0.5   | 680   |

|      |      |       |
|------|------|-------|
| 11.4 | 12.8 | 3766  |
| 8.3  | 5.6  | 5231  |
| 1.6  | 0.7  | 6645  |
| 0.7  | 0.2  | 1270  |
| 1.0  | 1.2  | 2240  |
| 0.0  | 0.0  | 4104  |
| 28.2 | 27.6 | 4253  |
| 0.4  | 0.1  | 5397  |
| 6.8  | 3.8  | 3830  |
| 5.4  | 4.8  | 1900  |
| 1.6  | 1.7  | 3121  |
| 3.5  | 4.2  | 13485 |
| 0.7  | 0.2  | 5246  |
| 7.7  | 9.5  | 2413  |
| 3.8  | 3.7  | 11297 |
| 0.0  | 0.0  | 938   |
| 2.9  | 0.6  | 2789  |
| 5.5  | 5.0  | 5038  |
| 4.3  | 2.8  | 3717  |
| 1.7  | 0.5  | 10745 |
| 0.4  | 0.0  | 1182  |
| 3.9  | 4.2  | 3442  |
| 0.1  | 0.0  | 8261  |
| 0.0  | 0.0  | 2718  |
| 0.2  | 0.0  | 1633  |
| 2.1  | 0.8  | 12043 |
| 0.1  | 0.0  | 1066  |
| 2.9  | 2.3  | 5292  |
| 0.1  | 0.0  | 4432  |
| 3.9  | 2.9  | 3938  |
| 20.7 | 19.3 | 5378  |
| 0.8  | 0.2  | 2191  |
| 0.4  | 0.1  | 2546  |
| 3.8  | 1.5  | 1640  |
| 4.6  | 3.8  | 5003  |
| 21.5 | 10.9 | 4866  |
| 13.0 | 8.0  | 1729  |
| 0.7  | 0.0  | 6562  |
| 1.2  | 1.1  | 4985  |
| 0.2  | 0.1  | 1508  |
| 5.1  | 3.9  | 2789  |
| 0.0  | 0.1  | 3988  |
| 0.4  | 0.4  | 4357  |
| 3.2  | 2.9  | 7562  |
| 1.7  | 1.8  | 4771  |
| 7.8  | 6.2  | 7830  |
| 6.1  | 5.4  | 3714  |

|      |      |       |
|------|------|-------|
| 3.3  | 1.9  | 2426  |
| 12.7 | 2.0  | 1228  |
| 0.2  | 0.0  | 1962  |
| 9.4  | 9.6  | 1223  |
| 30.4 | 34.2 | 2201  |
| 51.9 | 94.3 | 414   |
| 69.3 | 70.3 | 2342  |
| 23.4 | 33.1 | 1256  |
| 0.0  | 0.0  | 1451  |
| 0.1  | 0.0  | 5128  |
| 1.5  | 0.4  | 2827  |
| 8.4  | 8.7  | 1497  |
| 1.5  | 1.3  | 7334  |
| 0.8  | 1.6  | 2017  |
| 0.2  | 0.0  | 944   |
| 11.8 | 11.6 | 4138  |
| 0.5  | 0.3  | 2692  |
| 1.6  | 0.4  | 3942  |
| 0.1  | 0.0  | 1411  |
| 0.9  | 0.6  | 502   |
| 0.6  | 0.3  | 917   |
| 5.5  | 2.1  | 3386  |
| 2.4  | 2.2  | 2085  |
| 0.2  | 0.0  | 3578  |
| 0.1  | 0.0  | 781   |
| 7.4  | 8.0  | 5539  |
| 19.1 | 8.6  | 4596  |
| 77.6 | 59.9 | 3769  |
| 11.1 | 13.2 | 1134  |
| 0.0  | 0.0  | 3266  |
| 2.8  | 1.2  | 10196 |
| 0.0  | 0.0  | 4133  |
| 0.0  | 0.0  | 2096  |
| 2.0  | 1.8  | 2485  |
| 0.1  | 0.0  | 1062  |
| 0.1  | 0.0  | 1062  |
| 0.2  | 0.1  | 7317  |
| 0.1  | 0.1  | 3906  |
| 2.6  | 13.3 | 785   |
| 0.2  | 0.0  | 1209  |
| 0.4  | 0.0  | 1607  |
| 10.2 | 1.9  | 2570  |
| 6.1  | 2.7  | 3809  |
| 0.5  | 0.3  | 2918  |
| 0.2  | 0.0  | 2083  |
| 0.1  | 0.0  | 4138  |
| 19.5 | 16.3 | 957   |

|         |         |       |
|---------|---------|-------|
| 0.3     | 0.1     | 3678  |
| 0.4     | 0.3     | 12720 |
| 0.1     | 0.0     | 5283  |
| 2.7     | 1.8     | 1747  |
| 9.6     | 11.7    | 1604  |
| 15.3    | 10.9    | 1352  |
| 2.0     | 2.4     | 4150  |
| 10.0    | 2.4     | 3131  |
| 0.0     | 0.0     | 2972  |
| 0.5     | 0.3     | 4759  |
| 0.0     | 0.0     | 1430  |
| 0.4     | 0.1     | 4573  |
| 9.9     | 6.8     | 5219  |
| 0.0     | 0.0     | 2260  |
| 2.1     | 1.7     | 2111  |
| 0.8     | 0.5     | 8134  |
| 39.9    | 40.9    | 1385  |
| 5.3     | 2.4     | 3412  |
| 0.5     | 0.0     | 5140  |
| 2.7     | 2.1     | 1313  |
| 0.3     | 0.4     | 859   |
| 0.0     | 0.0     | 2022  |
| 0.8     | 0.0     | 1094  |
| 0.4     | 0.0     | 1037  |
| 6.5     | 5.0     | 5333  |
| 0.1     | 0.0     | 8947  |
| 48363.7 | 51438.0 | 332   |
| 1.5     | 0.7     | 2298  |
| 0.6     | 0.2     | 3412  |
| 0.4     | 0.0     | 730   |
| 0.8     | 0.7     | 2127  |
| 0.1     | 0.0     | 7529  |
| 3.6     | 3.0     | 2201  |
| 0.1     | 0.1     | 5260  |
| 2.6     | 1.0     | 8980  |
| 11.8    | 10.0    | 2904  |
| 51.4    | 36.0    | 2479  |
| 0.8     | 0.6     | 2864  |
| 0.0     | 0.0     | 941   |
| 2.2     | 1.3     | 9251  |
| 15.8    | 17.0    | 699   |
| 28.0    | 25.1    | 2580  |
| 1.9     | 2.1     | 8371  |
| 10.4    | 10.8    | 1929  |
| 0.2     | 0.1     | 10847 |
| 0.7     | 0.2     | 2647  |
| 7.1     | 4.2     | 6608  |



|      |      |       |
|------|------|-------|
| 10.6 | 9.3  | 1756  |
| 0.0  | 0.0  | 25124 |
| 1.4  | 0.6  | 14546 |
| 1.8  | 0.9  | 9082  |
| 3.3  | 3.0  | 4752  |
| 0.2  | 0.0  | 5790  |
| 0.1  | 0.0  | 2560  |
| 72.7 | 90.6 | 523   |
| 0.2  | 0.2  | 5492  |
| 0.4  | 0.0  | 1980  |
| 3.7  | 1.6  | 2304  |
| 2.6  | 3.0  | 1041  |
| 2.0  | 1.0  | 5873  |
| 23.2 | 20.0 | 7141  |
| 0.0  | 0.0  | 1085  |
| 0.0  | 0.0  | 16021 |
| 8.4  | 5.8  | 6743  |
| 67.6 | 59.5 | 2301  |
| 2.8  | 1.0  | 3736  |
| 5.1  | 4.5  | 11094 |
| 1.0  | 0.5  | 6784  |
| 0.2  | 0.0  | 7397  |
| 0.4  | 0.0  | 1913  |
| 0.1  | 0.0  | 2666  |
| 1.1  | 0.3  | 7864  |
| 1.5  | 0.0  | 862   |
| 4.1  | 3.5  | 5471  |
| 0.0  | 0.0  | 3318  |
| 0.5  | 1.0  | 2634  |
| 0.1  | 0.0  | 1445  |
| 48.5 | 49.5 | 1566  |
| 7.2  | 4.4  | 10287 |
| 9.5  | 11.1 | 14044 |
| 4.3  | 5.1  | 2378  |
| 4.7  | 1.9  | 7784  |
| 1.9  | 1.1  | 3577  |
| 4.4  | 4.4  | 7158  |
| 4.6  | 3.2  | 8146  |
| 0.4  | 0.0  | 2727  |
| 2.7  | 0.5  | 3142  |
| 0.3  | 0.1  | 3369  |
| 2.0  | 0.2  | 6049  |
| 0.2  | 0.2  | 3818  |
| 0.0  | 0.0  | 10775 |
| 5.5  | 5.0  | 4961  |
| 8.3  | 8.2  | 1896  |
| 0.0  | 0.0  | 7145  |

|      |      |       |
|------|------|-------|
| 2.6  | 2.4  | 33893 |
| 66.7 | 26.3 | 6209  |
| 3.9  | 2.6  | 5537  |
| 0.1  | 0.0  | 2993  |
| 4.4  | 1.9  | 4309  |
| 0.1  | 0.0  | 7114  |
| 0.6  | 0.5  | 4195  |
| 0.0  | 0.0  | 6513  |
| 3.9  | 3.7  | 19282 |
| 0.4  | 0.5  | 3214  |
| 0.1  | 0.0  | 4850  |
| 4.4  | 5.2  | 3453  |
| 16.3 | 11.8 | 3705  |
| 3.5  | 2.2  | 4314  |
| 2.6  | 2.7  | 7232  |
| 0.3  | 0.2  | 3777  |
| 0.7  | 0.4  | 14107 |
| 13.1 | 11.0 | 7901  |
| 10.2 | 5.2  | 3572  |
| 14.7 | 15.1 | 3822  |
| 0.1  | 0.0  | 6573  |
| 1.3  | 1.1  | 955   |
| 0.1  | 0.0  | 4159  |
| 41.4 | 42.2 | 2529  |
| 0.0  | 0.0  | 3956  |
| 7.1  | 6.0  | 4062  |
| 3.5  | 1.1  | 10208 |
| 0.3  | 0.0  | 1699  |
| 59.2 | 64.1 | 2277  |
| 23.4 | 29.8 | 15099 |
| 0.0  | 0.0  | 11802 |
| 11.7 | 4.2  | 4478  |
| 0.0  | 0.0  | 9868  |
| 0.1  | 0.0  | 1676  |
| 0.1  | 0.0  | 1980  |
| 2.8  | 1.6  | 6002  |
| 10.7 | 10.2 | 4373  |
| 1.2  | 0.8  | 960   |
| 0.0  | 0.2  | 603   |
| 4.2  | 4.4  | 1514  |
| 0.1  | 0.1  | 1986  |
| 2.3  | 1.7  | 6231  |
| 2.3  | 2.0  | 4455  |
| 0.6  | 0.0  | 1743  |
| 2.1  | 0.3  | 2321  |
| 0.3  | 0.0  | 2427  |
| 0.5  | 0.2  | 15650 |

|       |       |       |
|-------|-------|-------|
| 0.0   | 0.0   | 2197  |
| 0.1   | 0.2   | 5849  |
| 7.2   | 5.4   | 4899  |
| 1.2   | 0.4   | 10280 |
| 0.1   | 0.0   | 941   |
| 0.0   | 0.0   | 3790  |
| 6.5   | 6.8   | 7104  |
| 7.9   | 8.2   | 1347  |
| 28.0  | 25.4  | 1793  |
| 0.0   | 0.0   | 684   |
| 0.1   | 0.0   | 878   |
| 0.5   | 0.0   | 360   |
| 0.0   | 0.0   | 469   |
| 9.5   | 12.2  | 7752  |
| 1.7   | 0.1   | 2240  |
| 16.4  | 10.2  | 4303  |
| 1.6   | 1.1   | 3319  |
| 0.0   | 0.0   | 7474  |
| 31.2  | 24.0  | 1357  |
| 31.5  | 33.1  | 1614  |
| 0.5   | 0.2   | 9029  |
| 0.1   | 0.0   | 2913  |
| 0.1   | 0.0   | 1271  |
| 4.6   | 2.4   | 2561  |
| 0.0   | 0.0   | 3850  |
| 2.6   | 1.4   | 16150 |
| 0.0   | 0.0   | 982   |
| 3.1   | 2.4   | 4619  |
| 0.8   | 0.1   | 2001  |
| 2.8   | 2.8   | 12740 |
| 35.9  | 30.2  | 4319  |
| 0.6   | 0.5   | 6855  |
| 0.2   | 0.2   | 1834  |
| 0.6   | 0.2   | 473   |
| 0.0   | 0.0   | 2833  |
| 3.7   | 2.4   | 2448  |
| 0.1   | 0.1   | 1667  |
| 0.1   | 0.1   | 1286  |
| 3.0   | 3.2   | 2126  |
| 0.3   | 0.0   | 2548  |
| 0.8   | 0.5   | 4994  |
| 63.7  | 63.7  | 3235  |
| 3.3   | 1.9   | 1776  |
| 105.3 | 105.3 | 4726  |
| 14.7  | 14.1  | 5154  |
| 0.0   | 0.0   | 3725  |
| 0.4   | 0.3   | 3520  |

|       |       |       |
|-------|-------|-------|
| 0.1   | 0.0   | 1336  |
| 4.2   | 4.0   | 9926  |
| 3.8   | 3.1   | 12039 |
| 1.5   | 1.1   | 6226  |
| 1.0   | 0.4   | 6271  |
| 48.8  | 41.1  | 3466  |
| 4.6   | 3.5   | 5560  |
| 0.0   | 0.0   | 1808  |
| 0.0   | 0.0   | 2302  |
| 4.2   | 1.7   | 563   |
| 0.1   | 0.1   | 17078 |
| 0.1   | 0.0   | 3935  |
| 2.8   | 1.5   | 14856 |
| 0.3   | 0.1   | 35344 |
| 3.2   | 2.7   | 18115 |
| 0.3   | 0.1   | 1491  |
| 0.7   | 0.4   | 4701  |
| 7.2   | 5.1   | 3213  |
| 2.0   | 0.6   | 4915  |
| 1.8   | 1.0   | 3348  |
| 15.5  | 11.8  | 1522  |
| 5.1   | 3.8   | 5582  |
| 1.6   | 1.4   | 2064  |
| 0.3   | 0.4   | 3064  |
| 8.8   | 6.7   | 7605  |
| 4.9   | 2.2   | 13901 |
| 9.2   | 8.3   | 1604  |
| 0.0   | 0.0   | 3040  |
| 28.4  | 20.7  | 821   |
| 5.4   | 6.1   | 11336 |
| 36.4  | 42.1  | 3026  |
| 0.0   | 0.0   | 1919  |
| 0.2   | 0.0   | 1006  |
| 0.4   | 0.3   | 2086  |
| 0.1   | 0.0   | 7056  |
| 0.2   | 0.3   | 2788  |
| 6.6   | 5.1   | 5495  |
| 0.1   | 0.0   | 1276  |
| 13.0  | 7.9   | 1754  |
| 44.6  | 44.3  | 1968  |
| 0.7   | 0.4   | 7991  |
| 0.1   | 0.0   | 10796 |
| 0.3   | 0.2   | 4040  |
| 0.1   | 0.0   | 2537  |
| 251.8 | 385.7 | 98    |
| 289.0 | 456.8 | 88    |
| 196.9 | 293.1 | 88    |

|       |       |       |
|-------|-------|-------|
| 0.9   | 0.4   | 5372  |
| 50.2  | 44.0  | 3330  |
| 0.5   | 0.6   | 3022  |
| 0.0   | 0.0   | 473   |
| 0.1   | 0.2   | 2707  |
| 70.0  | 75.7  | 1772  |
| 13.4  | 14.1  | 1382  |
| 0.1   | 0.1   | 3542  |
| 4.2   | 3.4   | 6550  |
| 0.1   | 0.0   | 6369  |
| 0.0   | 0.0   | 2489  |
| 0.2   | 0.0   | 1143  |
| 2.3   | 2.3   | 5844  |
| 3.8   | 3.1   | 12607 |
| 0.9   | 0.9   | 2372  |
| 5.5   | 2.2   | 6283  |
| 0.2   | 0.0   | 7477  |
| 3.5   | 1.2   | 4108  |
| 488.2 | 466.4 | 658   |
| 0.2   | 0.0   | 3595  |
| 0.4   | 0.0   | 5111  |
| 9.5   | 15.0  | 653   |
| 0.0   | 0.0   | 189   |
| 0.0   | 0.0   | 2240  |
| 0.1   | 0.0   | 11963 |
| 0.0   | 0.0   | 708   |
| 6.6   | 2.8   | 2554  |
| 6.4   | 1.4   | 3439  |
| 0.3   | 0.0   | 2046  |
| 13.8  | 11.3  | 2898  |
| 0.9   | 0.3   | 4091  |
| 0.0   | 0.0   | 1628  |
| 0.0   | 0.0   | 7536  |
| 15.6  | 6.6   | 3551  |
| 2.8   | 0.7   | 11452 |
| 0.1   | 0.0   | 1731  |
| 1.1   | 0.8   | 14631 |
| 0.1   | 0.0   | 3239  |
| 0.6   | 0.6   | 18167 |
| 41.4  | 29.9  | 1378  |
| 0.0   | 0.0   | 5102  |
| 0.2   | 0.0   | 2492  |
| 1.3   | 0.4   | 3822  |
| 9.9   | 9.7   | 3043  |
| 0.2   | 0.2   | 4556  |
| 0.0   | 0.0   | 3149  |
| 2.6   | 1.5   | 7259  |

|      |     |       |
|------|-----|-------|
| 0.3  | 0.0 | 1272  |
| 0.3  | 0.1 | 2531  |
| 0.1  | 0.0 | 3426  |
| 0.0  | 0.0 | 908   |
| 0.0  | 0.0 | 264   |
| 0.1  | 0.0 | 5843  |
| 10.5 | 6.7 | 8601  |
| 0.1  | 0.0 | 773   |
| 0.3  | 0.0 | 1088  |
| 0.0  | 0.0 | 4685  |
| 0.1  | 0.0 | 2469  |
| 1.2  | 1.8 | 1770  |
| 4.4  | 3.5 | 2107  |
| 3.8  | 3.0 | 3431  |
| 0.0  | 0.0 | 1541  |
| 2.7  | 2.7 | 5859  |
| 0.1  | 0.0 | 8066  |
| 0.5  | 0.2 | 2260  |
| 0.1  | 0.1 | 4617  |
| 0.2  | 0.0 | 2598  |
| 0.1  | 0.0 | 5351  |
| 1.8  | 1.9 | 5075  |
| 0.1  | 0.1 | 1361  |
| 0.8  | 0.2 | 6477  |
| 3.4  | 2.7 | 1664  |
| 7.7  | 7.7 | 3284  |
| 1.2  | 1.4 | 7959  |
| 3.1  | 1.4 | 5328  |
| 6.8  | 1.5 | 3969  |
| 5.4  | 3.1 | 1856  |
| 5.3  | 3.5 | 4118  |
| 0.1  | 0.1 | 5131  |
| 0.5  | 0.3 | 6099  |
| 0.1  | 0.1 | 1891  |
| 5.7  | 5.7 | 6809  |
| 0.5  | 1.5 | 2244  |
| 0.0  | 0.0 | 401   |
| 0.2  | 0.0 | 528   |
| 0.3  | 0.0 | 2130  |
| 4.6  | 4.1 | 990   |
| 5.5  | 5.2 | 990   |
| 0.2  | 0.1 | 10132 |
| 0.5  | 0.8 | 2634  |
| 1.4  | 1.6 | 3119  |
| 1.6  | 1.3 | 6752  |
| 0.4  | 0.2 | 7853  |
| 0.2  | 0.0 | 3750  |

|      |      |       |
|------|------|-------|
| 5.0  | 4.9  | 1765  |
| 5.0  | 3.9  | 8778  |
| 0.7  | 0.3  | 2714  |
| 0.0  | 0.4  | 2304  |
| 1.1  | 0.0  | 1408  |
| 0.2  | 0.0  | 1752  |
| 0.7  | 0.0  | 2230  |
| 2.6  | 1.0  | 20125 |
| 1.5  | 0.8  | 2445  |
| 14.2 | 19.7 | 2379  |
| 25.3 | 14.8 | 3841  |
| 73.5 | 71.5 | 8434  |
| 0.2  | 0.0  | 1782  |
| 0.1  | 0.0  | 4105  |
| 21.2 | 14.4 | 3589  |
| 6.1  | 4.0  | 1643  |
| 4.0  | 3.7  | 4940  |
| 1.1  | 0.8  | 3061  |
| 0.0  | 0.0  | 2627  |
| 3.0  | 2.3  | 23502 |
| 0.1  | 0.2  | 1296  |
| 19.5 | 25.4 | 1548  |
| 0.6  | 0.1  | 2876  |
| 23.7 | 11.6 | 1894  |
| 0.1  | 0.0  | 2518  |
| 0.5  | 0.2  | 4525  |
| 0.1  | 0.0  | 2095  |
| 0.4  | 0.0  | 1543  |
| 0.5  | 0.3  | 6376  |
| 8.4  | 4.9  | 5395  |
| 0.2  | 0.2  | 16883 |
| 0.1  | 0.0  | 1203  |
| 4.1  | 2.6  | 1003  |
| 2.0  | 1.0  | 1827  |
| 0.4  | 0.0  | 1330  |
| 0.1  | 0.0  | 1413  |
| 0.0  | 0.0  | 770   |
| 0.3  | 0.0  | 2524  |
| 7.7  | 7.1  | 2213  |
| 6.5  | 2.3  | 914   |
| 0.0  | 0.0  | 1362  |
| 1.2  | 0.5  | 780   |
| 1.7  | 0.2  | 4303  |
| 0.1  | 0.0  | 12949 |
| 0.0  | 0.0  | 1879  |
| 7.4  | 1.9  | 1672  |
| 4.5  | 3.0  | 10956 |

|      |      |       |
|------|------|-------|
| 0.3  | 0.1  | 33335 |
| 4.3  | 3.4  | 5951  |
| 13.7 | 15.7 | 4299  |
| 1.3  | 1.0  | 4390  |
| 0.0  | 0.0  | 23116 |
| 2.4  | 1.9  | 2314  |
| 0.3  | 0.1  | 7771  |
| 0.2  | 0.0  | 4924  |
| 0.4  | 1.1  | 662   |
| 0.9  | 0.5  | 954   |
| 0.2  | 0.0  | 1967  |
| 6.5  | 7.5  | 4315  |
| 1.7  | 1.0  | 4468  |
| 2.5  | 1.3  | 8688  |
| 0.1  | 0.0  | 2174  |
| 9.1  | 9.4  | 8715  |
| 1.4  | 0.9  | 3671  |
| 4.0  | 1.9  | 5079  |
| 0.1  | 0.0  | 7380  |
| 0.0  | 0.0  | 893   |
| 0.6  | 0.3  | 1745  |
| 4.1  | 2.4  | 641   |
| 0.1  | 0.1  | 2840  |
| 0.1  | 0.0  | 4632  |
| 2.8  | 1.0  | 2566  |
| 0.2  | 0.0  | 2418  |
| 0.0  | 0.0  | 724   |
| 0.0  | 0.0  | 8798  |
| 2.1  | 1.8  | 3618  |
| 0.0  | 0.0  | 3518  |
| 0.4  | 0.3  | 1558  |
| 0.4  | 0.6  | 2030  |
| 0.2  | 0.0  | 9613  |
| 5.2  | 3.4  | 2933  |
| 48.6 | 45.3 | 6537  |
| 6.5  | 3.1  | 3281  |
| 3.0  | 2.2  | 2281  |
| 1.6  | 1.1  | 1759  |
| 9.9  | 14.1 | 758   |
| 0.0  | 0.0  | 1219  |
| 4.2  | 2.3  | 2561  |
| 2.4  | 0.4  | 1502  |
| 0.5  | 0.0  | 1512  |
| 0.5  | 0.0  | 1222  |
| 0.5  | 0.3  | 1978  |
| 17.2 | 10.7 | 20749 |
| 0.7  | 0.5  | 28152 |



|      |      |       |
|------|------|-------|
| 0.1  | 0.0  | 2185  |
| 0.3  | 0.0  | 3266  |
| 0.0  | 0.0  | 775   |
| 0.0  | 0.1  | 3841  |
| 40.1 | 30.1 | 6286  |
| 0.1  | 0.0  | 3779  |
| 4.5  | 2.0  | 5688  |
| 6.6  | 3.4  | 4844  |
| 0.6  | 0.2  | 1742  |
| 0.2  | 0.0  | 1648  |
| 1.0  | 0.5  | 12576 |
| 1.5  | 1.2  | 2015  |
| 0.1  | 0.1  | 1647  |
| 0.2  | 0.0  | 1117  |
| 0.2  | 0.1  | 6118  |
| 0.2  | 0.0  | 3650  |
| 0.3  | 0.0  | 4122  |
| 1.3  | 0.3  | 4976  |
| 11.9 | 5.2  | 3710  |
| 0.0  | 0.0  | 3577  |
| 3.2  | 1.8  | 1610  |
| 0.0  | 0.0  | 708   |
| 1.0  | 0.8  | 18988 |
| 2.8  | 1.9  | 1883  |
| 0.8  | 0.1  | 1860  |
| 3.8  | 0.9  | 1790  |
| 6.8  | 2.7  | 3693  |
| 0.1  | 0.0  | 1851  |
| 0.1  | 0.0  | 1851  |
| 0.6  | 0.2  | 3276  |
| 4.1  | 1.4  | 2368  |
| 0.2  | 0.3  | 1666  |
| 4.2  | 2.2  | 1630  |
| 0.9  | 0.6  | 1894  |
| 28.0 | 17.7 | 7667  |
| 1.9  | 1.6  | 9095  |
| 1.7  | 1.4  | 600   |
| 0.0  | 0.0  | 4078  |
| 0.4  | 0.3  | 4241  |
| 0.4  | 0.2  | 1130  |
| 0.3  | 0.0  | 1130  |
| 0.6  | 0.0  | 1130  |
| 0.5  | 0.1  | 1130  |
| 0.0  | 0.4  | 1130  |
| 4.8  | 0.5  | 1935  |
| 0.0  | 0.0  | 1128  |
| 0.1  | 0.3  | 1742  |

|       |       |       |
|-------|-------|-------|
| 0.3   | 0.3   | 1169  |
| 1.8   | 1.4   | 16442 |
| 3.7   | 3.1   | 2291  |
| 2.6   | 1.1   | 9482  |
| 0.1   | 0.0   | 921   |
| 0.8   | 0.2   | 2322  |
| 206.4 | 168.0 | 5275  |
| 0.0   | 0.0   | 3350  |
| 2.1   | 1.9   | 1345  |
| 2.3   | 2.2   | 4006  |
| 0.1   | 0.0   | 3397  |
| 2.3   | 1.3   | 3352  |
| 0.8   | 0.3   | 11868 |
| 0.0   | 0.0   | 3463  |
| 0.2   | 0.1   | 2241  |
| 0.2   | 0.0   | 3662  |
| 0.2   | 0.2   | 7130  |
| 0.0   | 0.0   | 3178  |
| 3.5   | 2.2   | 7907  |
| 11.6  | 3.8   | 1879  |
| 0.5   | 0.6   | 828   |
| 0.1   | 0.0   | 3927  |
| 0.1   | 0.0   | 3927  |
| 5.0   | 3.5   | 3811  |
| 0.5   | 0.0   | 6035  |
| 1.1   | 0.0   | 619   |
| 5.6   | 6.0   | 2225  |
| 2.0   | 1.2   | 4395  |
| 0.6   | 0.1   | 2034  |
| 0.0   | 0.0   | 2302  |
| 0.4   | 0.0   | 1322  |
| 2.6   | 2.7   | 2341  |
| 1.3   | 2.0   | 3360  |
| 0.0   | 0.0   | 5505  |
| 0.1   | 0.0   | 4214  |
| 0.1   | 0.0   | 4878  |
| 0.1   | 0.0   | 4927  |
| 0.1   | 0.0   | 4833  |
| 3.3   | 3.6   | 4933  |
| 0.0   | 0.0   | 2138  |
| 12.6  | 15.0  | 1383  |
| 0.1   | 0.0   | 3267  |
| 1.3   | 1.3   | 1587  |
| 0.1   | 0.2   | 1127  |
| 0.0   | 0.0   | 886   |
| 1.0   | 0.8   | 1651  |
| 1.2   | 0.1   | 4300  |

|      |      |       |
|------|------|-------|
| 0.4  | 0.4  | 4417  |
| 0.5  | 0.0  | 1147  |
| 7.7  | 5.8  | 15372 |
| 5.4  | 1.9  | 4421  |
| 0.0  | 0.0  | 3844  |
| 0.1  | 0.0  | 876   |
| 0.1  | 0.0  | 1162  |
| 3.9  | 2.9  | 17014 |
| 2.7  | 2.6  | 4846  |
| 6.6  | 5.8  | 2955  |
| 1.6  | 1.0  | 4521  |
| 5.4  | 7.2  | 579   |
| 0.1  | 0.0  | 2963  |
| 0.5  | 0.2  | 2299  |
| 1.2  | 0.6  | 1289  |
| 0.2  | 0.0  | 2420  |
| 5.0  | 6.6  | 2307  |
| 0.2  | 0.0  | 1786  |
| 0.1  | 0.0  | 3449  |
| 1.3  | 0.6  | 1831  |
| 0.9  | 0.1  | 1275  |
| 0.3  | 0.5  | 1278  |
| 0.3  | 0.0  | 1455  |
| 14.4 | 11.9 | 5671  |
| 0.1  | 0.0  | 4923  |
| 0.2  | 0.2  | 3454  |
| 8.2  | 3.9  | 4643  |
| 1.5  | 0.5  | 21003 |
| 0.1  | 0.0  | 2058  |
| 3.0  | 1.6  | 1521  |
| 0.1  | 0.0  | 1923  |
| 1.1  | 0.3  | 3595  |
| 1.6  | 1.0  | 4426  |
| 10.4 | 13.5 | 1308  |
| 3.6  | 3.5  | 9948  |
| 0.8  | 0.5  | 5285  |
| 0.1  | 0.0  | 2738  |
| 0.1  | 0.0  | 12366 |
| 4.9  | 1.1  | 496   |
| 0.1  | 0.0  | 1704  |
| 0.2  | 0.1  | 2006  |
| 0.1  | 0.0  | 13015 |
| 0.1  | 0.2  | 15045 |
| 3.4  | 1.6  | 8335  |
| 6.7  | 3.4  | 21242 |
| 0.1  | 0.1  | 6100  |
| 0.5  | 0.1  | 2786  |

|      |      |       |
|------|------|-------|
| 1.3  | 0.0  | 493   |
| 0.6  | 0.3  | 5360  |
| 7.5  | 6.6  | 888   |
| 0.3  | 0.1  | 9618  |
| 0.2  | 0.0  | 2211  |
| 0.0  | 0.0  | 26452 |
| 3.9  | 2.2  | 2248  |
| 0.3  | 0.4  | 4970  |
| 0.1  | 0.0  | 936   |
| 34.4 | 41.3 | 1737  |
| 4.3  | 4.9  | 3921  |
| 40.1 | 38.1 | 5292  |
| 1.3  | 0.5  | 2971  |
| 0.2  | 0.2  | 2034  |
| 14.3 | 9.6  | 23361 |
| 0.0  | 0.0  | 23136 |
| 5.5  | 2.9  | 1992  |
| 0.2  | 0.0  | 2281  |
| 0.4  | 0.0  | 1909  |
| 0.0  | 0.1  | 5887  |
| 6.8  | 4.6  | 3445  |
| 0.9  | 0.2  | 7079  |
| 0.2  | 0.2  | 11336 |
| 69.1 | 51.2 | 1440  |
| 0.9  | 0.3  | 7823  |
| 1.1  | 0.2  | 5944  |
| 0.1  | 0.0  | 7816  |
| 2.7  | 1.4  | 8055  |
| 0.0  | 0.0  | 7015  |
| 1.6  | 1.5  | 2527  |
| 1.7  | 1.3  | 6296  |
| 10.7 | 9.2  | 1411  |
| 2.4  | 2.0  | 11172 |
| 2.2  | 1.1  | 6094  |
| 1.0  | 0.8  | 6810  |
| 13.2 | 9.9  | 2149  |
| 1.7  | 1.0  | 5344  |
| 0.9  | 0.4  | 20962 |
| 2.1  | 4.2  | 992   |
| 0.2  | 0.0  | 3469  |
| 3.3  | 1.7  | 4676  |
| 3.4  | 3.4  | 3762  |
| 0.7  | 0.4  | 9888  |
| 0.0  | 0.0  | 531   |
| 0.4  | 0.1  | 4507  |
| 1.3  | 0.9  | 5390  |
| 0.0  | 0.6  | 2353  |

|      |       |       |
|------|-------|-------|
| 13.3 | 11.0  | 3184  |
| 95.2 | 108.3 | 6734  |
| 3.4  | 1.7   | 22460 |
| 1.5  | 0.5   | 2717  |
| 0.6  | 0.7   | 2305  |
| 2.4  | 0.6   | 1291  |
| 0.4  | 0.3   | 3442  |
| 0.3  | 0.1   | 14600 |
| 49.2 | 44.0  | 4684  |
| 4.7  | 0.9   | 3934  |
| 6.6  | 5.4   | 18059 |
| 1.4  | 0.7   | 3419  |
| 6.7  | 7.0   | 5261  |
| 4.3  | 3.3   | 20112 |
| 1.8  | 1.4   | 10104 |
| 6.8  | 10.0  | 5261  |
| 4.3  | 1.0   | 2392  |
| 2.2  | 2.2   | 20240 |
| 40.3 | 31.7  | 2628  |
| 3.2  | 3.4   | 6021  |
| 98.8 | 114.4 | 566   |
| 3.0  | 2.1   | 22839 |
| 0.4  | 0.0   | 709   |
| 1.5  | 0.8   | 2501  |
| 5.3  | 4.7   | 4260  |
| 0.4  | 0.0   | 1289  |
| 13.6 | 10.6  | 1701  |
| 3.0  | 0.4   | 3438  |
| 0.5  | 0.3   | 48567 |
| 2.8  | 1.6   | 2206  |
| 1.2  | 0.6   | 2134  |
| 2.5  | 2.0   | 5393  |
| 0.6  | 0.5   | 2857  |
| 0.0  | 0.0   | 1553  |
| 4.2  | 4.1   | 3798  |
| 3.9  | 2.0   | 2660  |
| 1.3  | 0.8   | 4507  |
| 0.1  | 0.0   | 2926  |
| 0.0  | 0.0   | 2841  |
| 0.7  | 0.0   | 2216  |
| 1.3  | 0.2   | 4890  |
| 1.7  | 1.4   | 7303  |
| 0.4  | 0.0   | 1068  |
| 0.0  | 0.0   | 1004  |
| 0.2  | 0.0   | 3049  |
| 2.9  | 1.3   | 2015  |
| 0.7  | 0.8   | 5012  |

|      |      |       |
|------|------|-------|
| 7.3  | 6.4  | 6122  |
| 0.1  | 0.0  | 3180  |
| 0.0  | 0.0  | 3946  |
| 0.4  | 0.0  | 2761  |
| 6.6  | 5.3  | 7702  |
| 0.0  | 0.0  | 2564  |
| 0.1  | 0.0  | 2051  |
| 1.2  | 0.0  | 2908  |
| 2.0  | 0.6  | 1931  |
| 1.6  | 1.2  | 3908  |
| 2.0  | 1.9  | 11213 |
| 0.1  | 0.0  | 8875  |
| 1.0  | 1.1  | 2960  |
| 4.1  | 3.2  | 6085  |
| 3.3  | 2.7  | 7181  |
| 0.2  | 0.0  | 2204  |
| 2.0  | 1.7  | 2016  |
| 0.0  | 0.0  | 864   |
| 4.3  | 3.9  | 5402  |
| 0.6  | 0.0  | 2660  |
| 0.2  | 0.0  | 2353  |
| 0.2  | 0.3  | 2143  |
| 0.3  | 0.0  | 2527  |
| 1.3  | 0.6  | 8097  |
| 4.1  | 4.0  | 2371  |
| 0.0  | 0.0  | 3115  |
| 3.7  | 4.8  | 2115  |
| 0.0  | 0.0  | 4398  |
| 0.4  | 0.0  | 3209  |
| 1.1  | 0.3  | 6586  |
| 8.3  | 0.9  | 2385  |
| 0.0  | 0.0  | 1731  |
| 0.0  | 0.0  | 3610  |
| 4.6  | 3.5  | 3015  |
| 1.5  | 0.6  | 4622  |
| 0.7  | 0.8  | 6088  |
| 50.6 | 54.4 | 12293 |
| 0.0  | 0.0  | 2312  |
| 0.8  | 0.1  | 5223  |
| 0.9  | 0.4  | 2078  |
| 0.2  | 0.1  | 3773  |
| 0.0  | 0.0  | 1230  |
| 0.1  | 0.0  | 2037  |
| 0.3  | 0.1  | 2187  |
| 0.1  | 0.3  | 2612  |
| 0.5  | 0.4  | 3250  |
| 4.7  | 2.2  | 8297  |

|      |      |       |
|------|------|-------|
| 8.8  | 7.1  | 2951  |
| 2.6  | 2.0  | 3056  |
| 0.0  | 0.1  | 1705  |
| 2.9  | 1.8  | 8591  |
| 0.1  | 0.0  | 1820  |
| 5.6  | 3.8  | 2968  |
| 4.2  | 3.5  | 11795 |
| 6.0  | 4.5  | 10402 |
| 0.6  | 0.0  | 640   |
| 7.9  | 4.4  | 3653  |
| 0.0  | 0.0  | 14424 |
| 3.5  | 1.8  | 10334 |
| 6.9  | 2.0  | 2211  |
| 0.0  | 0.0  | 1492  |
| 13.4 | 2.7  | 2421  |
| 0.4  | 0.0  | 1763  |
| 0.2  | 0.0  | 4622  |
| 0.1  | 0.0  | 1619  |
| 0.2  | 0.0  | 2533  |
| 0.7  | 0.0  | 1016  |
| 2.1  | 1.9  | 5270  |
| 4.4  | 2.3  | 4651  |
| 2.8  | 0.3  | 2874  |
| 2.6  | 1.3  | 12267 |
| 0.4  | 0.0  | 1918  |
| 1.1  | 1.9  | 1635  |
| 1.0  | 0.1  | 2468  |
| 11.2 | 7.4  | 1021  |
| 0.0  | 0.0  | 2285  |
| 4.8  | 1.8  | 1444  |
| 2.0  | 0.6  | 5153  |
| 2.5  | 1.3  | 1907  |
| 0.1  | 0.0  | 3652  |
| 8.0  | 6.6  | 15565 |
| 8.3  | 7.2  | 8435  |
| 2.1  | 1.9  | 4774  |
| 30.9 | 27.1 | 2535  |
| 0.1  | 0.0  | 3176  |
| 0.0  | 0.1  | 1103  |
| 0.4  | 0.2  | 1290  |
| 3.6  | 3.6  | 1987  |
| 0.0  | 0.0  | 3117  |
| 0.7  | 0.4  | 812   |
| 8.9  | 6.8  | 770   |
| 7.5  | 5.0  | 6613  |
| 1.5  | 2.5  | 6666  |
| 5.0  | 4.0  | 8777  |

|      |      |       |
|------|------|-------|
| 4.2  | 3.2  | 4131  |
| 0.9  | 0.6  | 19738 |
| 2.8  | 2.9  | 10891 |
| 4.9  | 2.4  | 750   |
| 0.1  | 0.0  | 27960 |
| 0.1  | 0.0  | 3517  |
| 0.1  | 0.0  | 10316 |
| 4.0  | 4.3  | 1567  |
| 14.3 | 9.8  | 4733  |
| 2.7  | 5.4  | 1651  |
| 0.6  | 0.2  | 2568  |
| 2.6  | 1.1  | 1625  |
| 0.7  | 0.3  | 13327 |
| 0.3  | 0.1  | 2018  |
| 0.3  | 0.6  | 3084  |
| 1.4  | 0.4  | 1027  |
| 2.6  | 0.8  | 2794  |
| 0.2  | 0.0  | 2259  |
| 1.9  | 1.1  | 1607  |
| 0.0  | 0.0  | 7013  |
| 2.8  | 3.0  | 19772 |
| 0.1  | 0.1  | 12180 |
| 0.0  | 0.0  | 1840  |
| 0.4  | 0.1  | 1859  |
| 0.1  | 0.0  | 8109  |
| 12.9 | 11.0 | 6328  |
| 2.2  | 0.3  | 907   |
| 1.7  | 0.9  | 3782  |
| 2.0  | 1.2  | 3933  |
| 22.7 | 4.2  | 8226  |
| 17.1 | 12.6 | 2166  |
| 0.5  | 0.2  | 1779  |
| 63.9 | 77.8 | 1429  |
| 2.5  | 1.1  | 6142  |
| 2.1  | 0.9  | 7825  |
| 13.2 | 5.8  | 2183  |
| 2.4  | 2.0  | 6743  |
| 0.0  | 0.0  | 2006  |
| 3.4  | 2.3  | 4976  |
| 3.9  | 3.2  | 3356  |
| 2.4  | 1.2  | 5574  |
| 1.7  | 0.6  | 3806  |
| 4.9  | 2.8  | 9058  |
| 33.9 | 26.5 | 2419  |
| 1.9  | 3.0  | 12696 |
| 3.1  | 3.7  | 2514  |
| 0.0  | 0.0  | 2593  |



|      |      |       |
|------|------|-------|
| 1.8  | 0.0  | 575   |
| 5.0  | 4.7  | 1652  |
| 4.1  | 0.8  | 3693  |
| 0.0  | 0.0  | 2386  |
| 0.7  | 2.1  | 791   |
| 0.1  | 0.0  | 7265  |
| 0.0  | 0.0  | 2784  |
| 0.8  | 0.6  | 4953  |
| 0.1  | 0.1  | 3193  |
| 0.4  | 0.2  | 2028  |
| 0.6  | 0.0  | 2339  |
| 10.6 | 7.5  | 1427  |
| 0.4  | 0.2  | 3429  |
| 0.2  | 0.0  | 1813  |
| 0.0  | 0.0  | 1991  |
| 0.6  | 0.1  | 4853  |
| 6.7  | 5.6  | 5707  |
| 2.2  | 1.4  | 37465 |
| 0.1  | 0.2  | 3998  |
| 6.8  | 4.8  | 20900 |
| 0.0  | 0.0  | 531   |
| 0.0  | 0.0  | 496   |
| 0.1  | 0.0  | 664   |
| 4.0  | 0.5  | 2566  |
| 14.5 | 11.7 | 2388  |
| 0.1  | 0.0  | 6415  |
| 1.1  | 1.3  | 1730  |
| 0.3  | 0.0  | 2678  |
| 0.2  | 0.0  | 4175  |
| 0.8  | 0.0  | 693   |
| 8.3  | 6.4  | 4178  |
| 0.0  | 0.0  | 4427  |
| 13.5 | 13.3 | 7847  |
| 0.6  | 0.0  | 3798  |
| 0.4  | 0.5  | 1465  |
| 1.1  | 0.9  | 2741  |
| 0.1  | 0.0  | 2363  |
| 0.0  | 0.0  | 2074  |
| 0.3  | 0.0  | 3281  |
| 0.0  | 0.0  | 8170  |
| 0.0  | 0.0  | 2628  |
| 0.1  | 0.0  | 1392  |
| 0.1  | 0.0  | 3998  |
| 0.1  | 0.0  | 2869  |
| 0.6  | 0.0  | 1050  |
| 0.0  | 0.0  | 1848  |
| 0.3  | 0.0  | 1043  |

|      |      |       |
|------|------|-------|
| 13.3 | 8.1  | 3153  |
| 1.3  | 0.8  | 1512  |
| 0.1  | 0.0  | 1624  |
| 2.7  | 2.3  | 9453  |
| 0.6  | 0.6  | 3099  |
| 0.2  | 0.0  | 2042  |
| 0.6  | 0.6  | 2989  |
| 0.3  | 0.0  | 1463  |
| 1.1  | 0.7  | 2434  |
| 20.0 | 20.7 | 6978  |
| 2.7  | 0.5  | 5281  |
| 0.0  | 0.0  | 665   |
| 5.5  | 4.2  | 5450  |
| 0.0  | 0.0  | 12309 |
| 5.6  | 6.3  | 6447  |
| 0.1  | 0.0  | 6979  |
| 0.3  | 0.0  | 1790  |
| 3.2  | 1.5  | 6200  |
| 10.3 | 7.4  | 12182 |
| 0.4  | 0.3  | 1493  |
| 0.7  | 0.1  | 15589 |
| 6.0  | 5.8  | 2483  |
| 34.3 | 32.9 | 1171  |
| 0.0  | 0.0  | 1549  |
| 0.0  | 0.0  | 768   |
| 0.1  | 0.1  | 1698  |
| 0.6  | 0.4  | 11998 |
| 3.2  | 1.6  | 7108  |
| 3.9  | 2.8  | 10207 |
| 0.0  | 0.3  | 656   |
| 1.9  | 1.9  | 2415  |
| 0.4  | 0.4  | 4796  |
| 0.7  | 0.3  | 1797  |
| 16.3 | 10.2 | 5010  |
| 1.3  | 0.2  | 2660  |
| 6.7  | 2.3  | 3161  |
| 0.0  | 0.0  | 464   |
| 0.0  | 0.0  | 2285  |
| 4.2  | 1.4  | 9070  |
| 0.0  | 0.0  | 2015  |
| 0.1  | 0.2  | 8287  |
| 1.8  | 1.6  | 1335  |
| 0.7  | 0.3  | 3720  |
| 3.4  | 1.6  | 634   |
| 0.8  | 0.5  | 2963  |
| 4.4  | 1.5  | 4742  |
| 6.0  | 5.9  | 7102  |

|          |          |       |
|----------|----------|-------|
| 0.2      | 0.3      | 3369  |
| 0.0      | 0.0      | 1673  |
| 3.2      | 3.4      | 613   |
| 0.0      | 0.0      | 477   |
| 2.5      | 2.7      | 1530  |
| 1.1      | 0.6      | 18290 |
| 1.5      | 0.4      | 4162  |
| 13.3     | 13.4     | 2231  |
| 0.3      | 0.1      | 2577  |
| 0.0      | 0.1      | 3869  |
| 0.4      | 0.1      | 1577  |
| 6.2      | 9.4      | 1708  |
| 14.8     | 14.2     | 3644  |
| 0.0      | 0.0      | 1137  |
| 0.0      | 0.0      | 1729  |
| 0.0      | 0.0      | 795   |
| 0.0      | 0.0      | 1451  |
| 0.2      | 0.0      | 2730  |
| 0.0      | 0.0      | 1521  |
| 2.4      | 0.5      | 2154  |
| 7.8      | 4.7      | 709   |
| 134940.4 | 133954.9 | 299   |
| 23.4     | 17.7     | 4710  |
| 0.8      | 0.3      | 5899  |
| 0.4      | 0.3      | 2835  |
| 2.0      | 1.1      | 1281  |
| 4.9      | 3.8      | 43690 |
| 0.0      | 0.0      | 5685  |
| 0.6      | 0.4      | 1942  |
| 1.4      | 0.6      | 672   |
| 0.9      | 0.4      | 1095  |
| 0.1      | 0.0      | 3025  |
| 1.4      | 2.1      | 1373  |
| 0.0      | 0.0      | 2033  |
| 0.0      | 0.0      | 1073  |
| 0.0      | 0.0      | 2695  |
| 3.0      | 0.6      | 2216  |
| 0.2      | 0.0      | 2299  |
| 0.5      | 0.4      | 40017 |
| 0.0      | 0.0      | 3038  |
| 3.9      | 3.4      | 2330  |
| 0.0      | 0.0      | 1827  |
| 1.3      | 0.6      | 1832  |
| 0.0      | 0.0      | 17640 |
| 24.1     | 42.7     | 3745  |
| 1.7      | 1.0      | 1758  |
| 0.4      | 0.9      | 2586  |

|      |      |       |
|------|------|-------|
| 2.6  | 1.8  | 1696  |
| 18.0 | 22.8 | 2948  |
| 0.0  | 0.0  | 2141  |
| 0.0  | 0.0  | 1804  |
| 4.1  | 3.7  | 2204  |
| 0.4  | 0.1  | 1582  |
| 0.0  | 0.0  | 885   |
| 0.8  | 0.0  | 583   |
| 2.8  | 4.4  | 3236  |
| 0.1  | 0.0  | 3794  |
| 5.9  | 5.4  | 1585  |
| 0.1  | 0.0  | 4516  |
| 0.4  | 0.0  | 1446  |
| 0.6  | 0.4  | 1698  |
| 2.3  | 1.0  | 1776  |
| 2.2  | 1.4  | 3316  |
| 0.0  | 0.0  | 3881  |
| 41.0 | 43.5 | 1150  |
| 2.7  | 1.1  | 3525  |
| 2.4  | 0.6  | 1844  |
| 13.4 | 12.9 | 8048  |
| 4.0  | 1.0  | 9503  |
| 1.1  | 0.6  | 1613  |
| 0.0  | 0.0  | 1386  |
| 2.2  | 1.4  | 1962  |
| 11.5 | 8.4  | 2487  |
| 0.0  | 0.0  | 682   |
| 0.0  | 0.0  | 1197  |
| 7.9  | 5.0  | 11966 |
| 0.9  | 0.5  | 2112  |
| 13.0 | 7.3  | 7717  |
| 0.4  | 0.0  | 1689  |
| 0.5  | 0.0  | 1660  |
| 0.1  | 0.0  | 4240  |
| 3.3  | 2.6  | 4601  |
| 4.2  | 2.2  | 2107  |
| 0.4  | 0.2  | 7204  |
| 2.1  | 0.9  | 11734 |
| 0.5  | 1.4  | 1630  |
| 21.5 | 18.8 | 1705  |
| 3.0  | 1.3  | 3601  |
| 5.7  | 3.0  | 3571  |
| 0.1  | 0.0  | 1330  |
| 0.0  | 0.0  | 7470  |
| 4.7  | 0.6  | 2044  |
| 3.7  | 5.2  | 4012  |
| 25.9 | 20.6 | 2410  |

|      |      |       |
|------|------|-------|
| 1.0  | 0.8  | 2274  |
| 0.2  | 0.0  | 4019  |
| 1.8  | 6.5  | 4317  |
| 2.1  | 1.6  | 1741  |
| 6.0  | 4.1  | 2011  |
| 10.3 | 7.7  | 3070  |
| 0.1  | 0.0  | 2330  |
| 0.5  | 0.6  | 4718  |
| 25.0 | 33.9 | 2711  |
| 0.1  | 0.0  | 2465  |
| 6.7  | 5.9  | 3188  |
| 0.6  | 0.0  | 2114  |
| 8.8  | 10.4 | 2258  |
| 4.0  | 4.3  | 10130 |
| 3.2  | 4.1  | 3063  |
| 2.5  | 2.5  | 10952 |
| 1.4  | 0.7  | 18966 |
| 3.2  | 3.6  | 31435 |
| 3.1  | 1.1  | 2085  |
| 5.5  | 3.3  | 2966  |
| 1.9  | 0.9  | 3213  |
| 0.1  | 0.0  | 1472  |
| 1.0  | 0.8  | 6402  |
| 6.1  | 2.4  | 7203  |
| 0.0  | 0.0  | 4583  |
| 0.0  | 0.0  | 4404  |
| 3.3  | 2.7  | 8162  |
| 6.9  | 5.2  | 3008  |
| 0.5  | 0.0  | 1964  |
| 1.0  | 0.8  | 10372 |
| 3.6  | 2.8  | 30486 |
| 0.2  | 0.1  | 10515 |
| 0.3  | 0.0  | 1718  |
| 1.5  | 0.4  | 3595  |
| 1.9  | 1.7  | 10130 |
| 2.1  | 0.4  | 1659  |
| 3.3  | 1.5  | 2427  |
| 2.1  | 3.0  | 1201  |
| 0.0  | 0.0  | 5877  |
| 0.0  | 0.0  | 9487  |
| 1.5  | 0.9  | 50988 |
| 0.0  | 0.0  | 1998  |
| 0.1  | 0.0  | 1283  |
| 12.8 | 13.2 | 4041  |
| 0.1  | 0.0  | 31768 |
| 1.0  | 0.2  | 1043  |
| 0.0  | 0.0  | 1106  |

|       |       |       |
|-------|-------|-------|
| 1.6   | 1.0   | 2569  |
| 1.9   | 0.3   | 1987  |
| 0.5   | 0.0   | 3019  |
| 7.1   | 5.6   | 3681  |
| 0.0   | 0.0   | 2433  |
| 3.0   | 2.0   | 2334  |
| 1.9   | 1.1   | 7503  |
| 3.6   | 3.0   | 17112 |
| 0.1   | 0.1   | 15409 |
| 0.0   | 0.0   | 35720 |
| 26.0  | 33.0  | 515   |
| 22.8  | 25.4  | 2352  |
| 5.2   | 6.2   | 1214  |
| 1.1   | 1.3   | 2046  |
| 0.6   | 0.4   | 5613  |
| 0.2   | 0.0   | 2000  |
| 0.0   | 0.0   | 2191  |
| 3.8   | 3.9   | 6721  |
| 3.2   | 3.4   | 9679  |
| 4.6   | 4.3   | 21830 |
| 0.7   | 0.1   | 4503  |
| 0.0   | 0.0   | 27737 |
| 1.3   | 2.2   | 7276  |
| 0.1   | 0.6   | 2056  |
| 0.8   | 1.3   | 5247  |
| 2.5   | 1.1   | 5945  |
| 0.0   | 0.0   | 11757 |
| 2.3   | 0.9   | 2366  |
| 11.2  | 8.1   | 5734  |
| 0.0   | 0.1   | 1075  |
| 0.1   | 0.0   | 4535  |
| 14.1  | 7.1   | 4608  |
| 1.4   | 0.3   | 4544  |
| 0.8   | 0.7   | 55008 |
| 1.5   | 1.8   | 2034  |
| 2.9   | 2.2   | 14151 |
| 4.2   | 1.3   | 3216  |
| 0.6   | 0.1   | 1516  |
| 0.0   | 0.0   | 1238  |
| 0.0   | 0.0   | 925   |
| 0.1   | 0.1   | 1794  |
| 4.9   | 4.0   | 5871  |
| 160.7 | 159.6 | 784   |
| 107.2 | 97.0  | 925   |
| 0.2   | 0.0   | 2756  |
| 482.4 | 609.6 | 971   |
| 4.5   | 7.0   | 2941  |

|        |       |       |
|--------|-------|-------|
| 1.3    | 1.0   | 7604  |
| 0.3    | 0.0   | 3298  |
| 4.4    | 5.0   | 2534  |
| 3.3    | 1.9   | 3979  |
| 0.1    | 0.0   | 861   |
| 0.5    | 0.2   | 1497  |
| 0.2    | 0.0   | 615   |
| 0.2    | 0.0   | 1244  |
| 32.6   | 7.4   | 1237  |
| 0.0    | 0.0   | 1351  |
| 14.4   | 20.3  | 72    |
| 0.0    | 0.0   | 74    |
| 21.5   | 2.3   | 92    |
| 350.0  | 163.7 | 148   |
| 1221.1 | 982.0 | 146   |
| 79.2   | 59.8  | 82    |
| 586.6  | 262.9 | 83    |
| 5.7    | 20.6  | 66    |
| 0.0    | 0.0   | 86    |
| 6.6    | 8.8   | 71    |
| 37.4   | 0.0   | 68    |
| 0.0    | 0.0   | 62    |
| 0.0    | 10.9  | 67    |
| 550.9  | 205.7 | 133   |
| 1098.7 | 686.8 | 135   |
| 0.0    | 1.6   | 65    |
| 97.2   | 61.6  | 95    |
| 102.3  | 181.9 | 93    |
| 6.8    | 1.9   | 55    |
| 0.7    | 1.1   | 3133  |
| 55.6   | 62.4  | 728   |
| 7.9    | 10.3  | 5290  |
| 1.7    | 1.2   | 1618  |
| 0.4    | 0.0   | 793   |
| 7.6    | 8.2   | 4963  |
| 0.2    | 0.1   | 3186  |
| 0.0    | 0.0   | 3984  |
| 5.1    | 6.3   | 3063  |
| 0.4    | 0.1   | 7056  |
| 0.0    | 0.0   | 2884  |
| 0.1    | 0.1   | 13261 |
| 8.8    | 5.3   | 2028  |
| 30.7   | 31.4  | 1773  |
| 13.3   | 18.6  | 23934 |
| 11.5   | 11.5  | 9841  |
| 3.1    | 2.7   | 13635 |
| 3.1    | 3.2   | 6514  |

|       |        |       |
|-------|--------|-------|
| 5.2   | 5.6    | 5000  |
| 13.4  | 7.4    | 1469  |
| 18.8  | 17.3   | 2001  |
| 0.1   | 0.0    | 7354  |
| 0.0   | 0.0    | 1911  |
| 3.2   | 3.5    | 15015 |
| 0.4   | 0.1    | 5302  |
| 0.3   | 0.1    | 2800  |
| 16.1  | 13.6   | 3338  |
| 0.0   | 0.0    | 11727 |
| 2.6   | 2.2    | 12136 |
| 0.2   | 0.0    | 2356  |
| 1.5   | 0.8    | 1631  |
| 0.3   | 0.1    | 2118  |
| 0.1   | 0.0    | 1502  |
| 2.1   | 1.0    | 23501 |
| 26.9  | 22.5   | 9736  |
| 2.1   | 1.6    | 8522  |
| 4.6   | 6.6    | 4160  |
| 1.4   | 1.2    | 9605  |
| 0.0   | 0.1    | 1795  |
| 0.3   | 0.4    | 1438  |
| 2.6   | 3.8    | 8241  |
| 3.8   | 3.6    | 1042  |
| 1.8   | 1.7    | 2329  |
| 0.3   | 0.2    | 6591  |
| 0.0   | 0.0    | 7865  |
| 2.9   | 1.4    | 1722  |
| 1.2   | 0.9    | 2552  |
| 0.1   | 0.0    | 10987 |
| 902.1 | 5768.2 | 1869  |
| 427.5 | 3977.3 | 5070  |
| 1.4   | 1.3    | 9990  |
| 0.1   | 0.0    | 1523  |
| 0.0   | 0.0    | 942   |
| 0.0   | 0.0    | 9695  |
| 0.3   | 0.0    | 2043  |
| 0.3   | 0.1    | 7863  |
| 10.7  | 12.6   | 5239  |
| 0.8   | 1.1    | 19019 |
| 0.1   | 0.0    | 8682  |
| 1.2   | 1.0    | 6888  |
| 0.8   | 0.3    | 722   |
| 0.8   | 0.4    | 713   |
| 0.6   | 0.0    | 1174  |
| 0.3   | 0.0    | 1100  |
| 0.0   | 0.0    | 938   |



|         |         |       |
|---------|---------|-------|
| 0.8     | 0.0     | 714   |
| 0.1     | 0.0     | 5483  |
| 1.8     | 1.7     | 12575 |
| 4.9     | 8.3     | 9550  |
| 0.0     | 0.0     | 889   |
| 1.5     | 1.4     | 8653  |
| 65.0    | 60.6    | 6762  |
| 10.1    | 12.3    | 3736  |
| 16.0    | 13.2    | 4514  |
| 12.7    | 16.6    | 5714  |
| 0.0     | 0.0     | 5339  |
| 1.3     | 1.0     | 1160  |
| 0.6     | 0.4     | 3857  |
| 3.3     | 3.3     | 10790 |
| 3.7     | 3.9     | 10790 |
| 207.7   | 318.5   | 7505  |
| 0.2     | 0.2     | 7774  |
| 0.0     | 0.0     | 5282  |
| 4.8     | 2.1     | 3720  |
| 0.5     | 0.3     | 6488  |
| 0.5     | 0.0     | 1182  |
| 5.0     | 3.3     | 10694 |
| 0.6     | 0.0     | 2591  |
| 13941.3 | 10908.4 | 188   |
| 2.4     | 1.6     | 10800 |
| 0.7     | 0.3     | 46600 |
| 2.2     | 1.8     | 29867 |
| 0.9     | 0.1     | 2097  |
| 0.5     | 0.4     | 3646  |
| 2.2     | 1.8     | 11210 |
| 0.2     | 0.1     | 5128  |
| 2.0     | 0.6     | 8205  |
| 3.8     | 1.3     | 3134  |
| 4.6     | 2.7     | 703   |
| 3.6     | 5.3     | 703   |
| 2.5     | 4.2     | 703   |
| 22.3    | 12.9    | 6142  |
| 0.2     | 0.0     | 1434  |
| 0.1     | 0.0     | 1071  |
| 0.1     | 0.1     | 6473  |
| 18.8    | 17.9    | 4909  |
| 7.6     | 7.1     | 5494  |
| 0.6     | 0.1     | 3105  |
| 0.1     | 0.0     | 15782 |
| 6.1     | 4.8     | 14229 |
| 0.1     | 0.0     | 1353  |
| 0.9     | 1.4     | 2618  |

|       |       |       |
|-------|-------|-------|
| 0.7   | 0.5   | 3680  |
| 19.4  | 6.2   | 2049  |
| 0.4   | 0.0   | 1002  |
| 0.0   | 0.0   | 42932 |
| 1.2   | 0.7   | 2159  |
| 0.6   | 0.1   | 2140  |
| 0.9   | 0.3   | 1945  |
| 3.9   | 2.9   | 583   |
| 0.0   | 0.0   | 6244  |
| 6.7   | 6.3   | 4077  |
| 4.8   | 3.1   | 14525 |
| 16.3  | 15.2  | 3878  |
| 0.4   | 0.1   | 19436 |
| 0.2   | 0.0   | 2129  |
| 0.2   | 0.0   | 2828  |
| 10.4  | 3.6   | 2502  |
| 2.6   | 1.0   | 12882 |
| 2.1   | 1.4   | 13364 |
| 0.2   | 0.0   | 3392  |
| 0.2   | 0.0   | 21470 |
| 0.4   | 0.0   | 21160 |
| 4.3   | 4.6   | 3145  |
| 6.5   | 3.4   | 1872  |
| 0.5   | 0.5   | 4922  |
| 4.4   | 1.9   | 3112  |
| 0.8   | 0.7   | 6085  |
| 0.6   | 0.2   | 10898 |
| 4.2   | 3.0   | 3050  |
| 18.1  | 17.6  | 1468  |
| 38.4  | 19.5  | 5378  |
| 0.1   | 0.2   | 2283  |
| 0.9   | 0.1   | 995   |
| 0.5   | 0.0   | 1095  |
| 0.0   | 0.0   | 5837  |
| 205.7 | 195.2 | 1870  |
| 0.0   | 0.3   | 1703  |
| 0.9   | 0.4   | 7698  |
| 4.4   | 0.8   | 22972 |
| 0.6   | 0.0   | 2139  |
| 0.0   | 0.0   | 1815  |
| 2.9   | 1.3   | 3285  |
| 0.4   | 0.4   | 9681  |
| 0.2   | 0.1   | 1743  |
| 0.7   | 0.1   | 13399 |
| 0.0   | 0.0   | 1643  |
| 0.0   | 0.0   | 19518 |
| 6.8   | 4.8   | 2492  |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 2828  |
| 0.0  | 0.0  | 6986  |
| 6.9  | 4.8  | 4504  |
| 0.5  | 0.5  | 51548 |
| 0.3  | 0.1  | 4099  |
| 5.6  | 6.5  | 3386  |
| 5.3  | 5.9  | 7826  |
| 6.0  | 8.4  | 983   |
| 4.0  | 5.2  | 1049  |
| 0.9  | 0.5  | 12252 |
| 6.6  | 3.1  | 6077  |
| 0.2  | 0.0  | 3859  |
| 5.0  | 4.7  | 8682  |
| 60.2 | 73.0 | 133   |
| 1.6  | 0.8  | 1719  |
| 0.3  | 0.2  | 22916 |
| 1.4  | 0.9  | 9889  |
| 4.5  | 2.8  | 9161  |
| 2.4  | 2.5  | 7171  |
| 2.7  | 2.5  | 2308  |
| 2.8  | 1.8  | 12429 |
| 0.7  | 0.2  | 10953 |
| 12.5 | 8.9  | 2844  |
| 1.0  | 0.4  | 2850  |
| 0.5  | 0.3  | 2240  |
| 0.1  | 0.1  | 1857  |
| 0.1  | 0.0  | 2664  |
| 5.8  | 3.1  | 1065  |
| 4.6  | 1.9  | 1195  |
| 0.0  | 0.0  | 876   |
| 1.7  | 1.8  | 16100 |
| 11.0 | 4.0  | 2018  |
| 0.0  | 0.0  | 999   |
| 47.2 | 48.2 | 971   |
| 14.2 | 10.6 | 4313  |
| 0.1  | 0.0  | 6578  |
| 0.2  | 0.0  | 1050  |
| 1.2  | 1.0  | 16961 |
| 0.1  | 0.0  | 9479  |
| 5.4  | 8.7  | 1118  |
| 20.7 | 18.2 | 1617  |
| 1.1  | 0.1  | 4863  |
| 9.2  | 8.0  | 9726  |
| 0.4  | 0.4  | 4778  |
| 30.7 | 28.3 | 6178  |
| 0.0  | 0.0  | 959   |
| 2.1  | 1.9  | 8317  |

|       |       |       |
|-------|-------|-------|
| 0.0   | 0.0   | 1243  |
| 0.0   | 0.0   | 971   |
| 6.4   | 5.8   | 19713 |
| 0.1   | 0.0   | 5442  |
| 0.2   | 0.0   | 1839  |
| 8.8   | 5.6   | 4286  |
| 2.4   | 2.2   | 10554 |
| 0.0   | 0.1   | 10453 |
| 1.5   | 1.1   | 1526  |
| 3.4   | 1.7   | 6290  |
| 1.5   | 0.0   | 492   |
| 1.3   | 1.3   | 2561  |
| 4.2   | 2.9   | 9545  |
| 1.7   | 2.0   | 2867  |
| 1.8   | 1.4   | 16575 |
| 12.2  | 11.3  | 12960 |
| 0.0   | 0.0   | 16428 |
| 1.8   | 1.1   | 14114 |
| 14.2  | 14.6  | 8237  |
| 3.8   | 3.2   | 6721  |
| 0.0   | 0.0   | 1972  |
| 0.0   | 0.0   | 812   |
| 0.1   | 0.0   | 1751  |
| 2.8   | 2.0   | 3157  |
| 0.0   | 0.0   | 2538  |
| 1.5   | 1.5   | 2450  |
| 5.7   | 6.5   | 12368 |
| 0.9   | 1.0   | 5873  |
| 7.2   | 4.8   | 1881  |
| 0.0   | 0.0   | 2664  |
| 0.5   | 0.0   | 748   |
| 3.7   | 2.0   | 7370  |
| 0.2   | 0.0   | 1452  |
| 8.2   | 9.7   | 4323  |
| 0.0   | 0.0   | 9301  |
| 0.5   | 0.1   | 15477 |
| 0.0   | 0.0   | 3901  |
| 0.2   | 0.0   | 5306  |
| 2.0   | 0.7   | 5210  |
| 2.3   | 1.8   | 5151  |
| 2.1   | 0.8   | 2621  |
| 0.2   | 0.1   | 1447  |
| 0.0   | 0.0   | 1689  |
| 0.0   | 0.0   | 5953  |
| 3.7   | 2.7   | 5380  |
| 135.7 | 145.2 | 4428  |
| 4.1   | 3.5   | 7064  |

|      |      |       |
|------|------|-------|
| 1.9  | 0.7  | 8419  |
| 0.6  | 0.3  | 10255 |
| 14.5 | 10.5 | 907   |
| 1.3  | 1.2  | 5048  |
| 1.0  | 0.5  | 970   |
| 0.3  | 0.0  | 1338  |
| 0.1  | 0.1  | 7601  |
| 0.5  | 0.7  | 2086  |
| 0.2  | 0.0  | 4036  |
| 20.8 | 20.8 | 4883  |
| 0.1  | 0.0  | 1510  |
| 0.5  | 0.2  | 5766  |
| 7.3  | 4.7  | 9248  |
| 0.0  | 0.0  | 1679  |
| 0.1  | 0.0  | 1239  |
| 0.0  | 0.0  | 9218  |
| 4.4  | 3.8  | 20730 |
| 0.6  | 0.5  | 2516  |
| 0.4  | 0.0  | 3522  |
| 0.2  | 0.0  | 11368 |
| 1.0  | 0.6  | 2642  |
| 3.0  | 1.5  | 2463  |
| 0.1  | 0.0  | 3459  |
| 0.0  | 0.0  | 6839  |
| 2.9  | 0.7  | 8911  |
| 4.7  | 3.0  | 701   |
| 0.1  | 0.0  | 2592  |
| 0.1  | 0.0  | 4198  |
| 0.1  | 0.1  | 10058 |
| 0.2  | 0.3  | 1635  |
| 4.0  | 1.8  | 28122 |
| 0.2  | 0.0  | 923   |
| 0.0  | 0.0  | 1993  |
| 0.8  | 0.4  | 3553  |
| 1.0  | 0.3  | 2069  |
| 0.3  | 0.3  | 1599  |
| 0.6  | 0.2  | 5735  |
| 29.2 | 37.8 | 1508  |
| 0.3  | 0.0  | 1485  |
| 0.0  | 0.0  | 237   |
| 4.5  | 2.8  | 1770  |
| 0.2  | 0.0  | 1116  |
| 0.0  | 0.0  | 736   |
| 0.0  | 0.0  | 1113  |
| 3.2  | 3.2  | 3024  |
| 9.6  | 5.7  | 2934  |
| 3.6  | 2.0  | 2317  |

|       |       |       |
|-------|-------|-------|
| 10.5  | 7.0   | 2219  |
| 8.6   | 2.7   | 1745  |
| 3.0   | 0.1   | 1337  |
| 2.7   | 2.3   | 1838  |
| 1.2   | 0.2   | 1263  |
| 15.0  | 11.3  | 1466  |
| 0.2   | 0.0   | 1179  |
| 0.0   | 0.0   | 1163  |
| 0.2   | 0.0   | 2372  |
| 1.2   | 1.5   | 1505  |
| 0.0   | 0.0   | 971   |
| 0.0   | 0.0   | 2269  |
| 0.6   | 0.0   | 2370  |
| 0.4   | 0.4   | 2792  |
| 4.0   | 2.7   | 4855  |
| 0.1   | 0.4   | 1705  |
| 0.1   | 0.0   | 1945  |
| 0.3   | 0.0   | 2770  |
| 0.5   | 0.4   | 2361  |
| 0.3   | 0.0   | 1613  |
| 0.1   | 0.0   | 2428  |
| 0.5   | 0.5   | 2666  |
| 10.7  | 8.6   | 1547  |
| 1.7   | 0.1   | 2243  |
| 0.5   | 0.0   | 2099  |
| 3.2   | 2.3   | 13703 |
| 14.8  | 12.6  | 4822  |
| 0.3   | 0.2   | 17118 |
| 5.5   | 2.4   | 3266  |
| 414.0 | 446.2 | 498   |
| 0.8   | 0.2   | 7833  |
| 0.6   | 0.2   | 4684  |
| 0.0   | 0.0   | 5646  |
| 7.6   | 8.1   | 5452  |
| 1.6   | 1.1   | 5364  |
| 2.9   | 2.2   | 6660  |
| 0.5   | 0.4   | 1888  |
| 13.4  | 7.3   | 4720  |
| 5.5   | 5.6   | 3463  |
| 0.5   | 0.1   | 3641  |
| 1.6   | 1.5   | 4657  |
| 0.2   | 0.0   | 524   |
| 0.0   | 0.0   | 6462  |
| 8.6   | 8.2   | 3682  |
| 4.6   | 3.0   | 1865  |
| 0.0   | 0.0   | 619   |
| 9.3   | 7.4   | 2665  |

|       |      |       |
|-------|------|-------|
| 0.0   | 0.0  | 1722  |
| 0.9   | 0.1  | 2962  |
| 5.0   | 4.6  | 3546  |
| 23.0  | 17.8 | 3060  |
| 2.5   | 0.8  | 4572  |
| 0.2   | 0.0  | 2691  |
| 0.6   | 0.3  | 2520  |
| 4.8   | 2.8  | 40183 |
| 1.9   | 1.2  | 3969  |
| 0.0   | 0.0  | 17629 |
| 0.0   | 0.0  | 1118  |
| 1.0   | 1.3  | 22735 |
| 0.2   | 0.0  | 7809  |
| 3.3   | 1.0  | 7083  |
| 3.1   | 1.7  | 5923  |
| 0.1   | 0.0  | 6005  |
| 0.7   | 1.0  | 1536  |
| 0.6   | 0.0  | 1332  |
| 0.5   | 0.6  | 1127  |
| 6.7   | 4.5  | 1885  |
| 5.7   | 7.5  | 2222  |
| 4.5   | 4.0  | 3279  |
| 16.1  | 15.1 | 3671  |
| 3.4   | 2.3  | 1789  |
| 3.0   | 3.9  | 5568  |
| 0.1   | 0.0  | 2676  |
| 2.7   | 2.0  | 6220  |
| 0.0   | 0.0  | 2044  |
| 3.7   | 3.4  | 4162  |
| 0.1   | 0.0  | 8055  |
| 0.0   | 0.0  | 4584  |
| 0.6   | 0.6  | 7590  |
| 0.1   | 0.0  | 11751 |
| 0.4   | 0.0  | 1686  |
| 11.7  | 9.2  | 6247  |
| 20.9  | 14.2 | 15985 |
| 0.2   | 0.2  | 1726  |
| 0.1   | 0.0  | 4279  |
| 0.8   | 0.7  | 3106  |
| 129.1 | 74.1 | 1309  |
| 0.0   | 0.0  | 1852  |
| 0.1   | 0.2  | 3714  |
| 0.0   | 0.0  | 7671  |
| 3.5   | 2.0  | 4030  |
| 3.6   | 2.6  | 5695  |
| 0.0   | 0.0  | 2451  |
| 0.0   | 0.0  | 3978  |

|       |       |       |
|-------|-------|-------|
| 1.6   | 0.5   | 3290  |
| 0.0   | 0.0   | 745   |
| 1.5   | 0.6   | 3294  |
| 3.4   | 3.0   | 2083  |
| 13.4  | 15.5  | 5497  |
| 1.5   | 0.0   | 1064  |
| 1.0   | 1.3   | 5577  |
| 7.2   | 5.9   | 10384 |
| 2.6   | 2.2   | 5190  |
| 0.0   | 0.0   | 1980  |
| 0.0   | 0.0   | 3987  |
| 13.2  | 6.8   | 988   |
| 0.3   | 0.5   | 3906  |
| 0.1   | 0.0   | 1873  |
| 2.7   | 2.3   | 5515  |
| 0.6   | 0.1   | 18501 |
| 14.6  | 9.6   | 2657  |
| 0.5   | 0.0   | 2445  |
| 0.0   | 0.0   | 4430  |
| 6.1   | 5.8   | 1827  |
| 1.3   | 0.4   | 13106 |
| 2.5   | 1.6   | 4346  |
| 2.3   | 2.8   | 8053  |
| 14.8  | 13.9  | 2220  |
| 0.0   | 0.0   | 1347  |
| 1.6   | 1.6   | 1694  |
| 101.3 | 103.4 | 849   |
| 207.5 | 215.5 | 1012  |
| 102.9 | 59.7  | 1035  |
| 227.4 | 228.8 | 984   |
| 0.7   | 0.0   | 924   |
| 3.1   | 2.8   | 8608  |
| 0.0   | 0.0   | 1686  |
| 0.1   | 0.0   | 3976  |
| 0.4   | 0.0   | 762   |
| 0.0   | 0.0   | 660   |
| 4.2   | 2.5   | 4717  |
| 18.2  | 10.4  | 2091  |
| 6.7   | 3.0   | 2567  |
| 8.3   | 6.4   | 4212  |
| 14.0  | 14.9  | 4200  |
| 11.9  | 11.7  | 3245  |
| 0.0   | 0.0   | 1501  |
| 0.0   | 0.0   | 1496  |
| 2.7   | 2.3   | 8525  |
| 0.2   | 0.0   | 7749  |
| 0.1   | 0.0   | 8642  |



|      |      |       |
|------|------|-------|
| 0.1  | 0.0  | 11317 |
| 4.6  | 2.2  | 7756  |
| 0.1  | 0.0  | 7903  |
| 7.4  | 6.8  | 5529  |
| 1.0  | 0.0  | 1730  |
| 0.5  | 0.0  | 3410  |
| 0.0  | 0.0  | 994   |
| 0.0  | 0.0  | 4045  |
| 3.7  | 3.7  | 6978  |
| 0.0  | 0.0  | 1377  |
| 21.4 | 23.1 | 3662  |
| 50.9 | 57.5 | 2886  |
| 62.4 | 35.9 | 2000  |
| 5.5  | 1.3  | 2269  |
| 1.0  | 1.3  | 2330  |
| 9.5  | 8.9  | 1980  |
| 31.1 | 20.8 | 2043  |
| 1.8  | 1.4  | 2190  |
| 3.2  | 1.7  | 4097  |
| 0.2  | 0.0  | 1699  |
| 0.0  | 0.0  | 2174  |
| 0.5  | 0.3  | 2087  |
| 6.2  | 7.0  | 1839  |
| 1.8  | 1.3  | 3271  |
| 1.4  | 0.4  | 3682  |
| 0.2  | 0.2  | 8349  |
| 2.4  | 0.4  | 3430  |
| 0.1  | 0.1  | 5652  |
| 0.0  | 0.0  | 1971  |
| 2.0  | 2.3  | 2603  |
| 6.2  | 3.4  | 1526  |
| 0.0  | 0.0  | 1284  |
| 1.3  | 0.4  | 1785  |
| 0.2  | 0.0  | 2840  |
| 7.4  | 5.8  | 3250  |
| 57.3 | 73.3 | 912   |
| 0.1  | 0.0  | 1298  |
| 0.7  | 0.8  | 46020 |
| 1.8  | 0.4  | 1295  |
| 86.2 | 4.4  | 95    |
| 14.0 | 14.5 | 1262  |
| 0.2  | 0.0  | 3607  |
| 0.0  | 0.0  | 1256  |
| 1.3  | 0.9  | 3112  |
| 0.3  | 0.0  | 1803  |
| 0.6  | 0.3  | 1200  |
| 15.7 | 9.6  | 1940  |

|       |       |       |
|-------|-------|-------|
| 36.6  | 9.5   | 1375  |
| 1.0   | 0.3   | 1866  |
| 4.3   | 2.8   | 4291  |
| 0.1   | 0.0   | 1463  |
| 0.0   | 0.0   | 2319  |
| 0.4   | 0.3   | 3729  |
| 44.7  | 35.3  | 2775  |
| 109.3 | 125.9 | 1850  |
| 0.0   | 0.0   | 969   |
| 0.0   | 0.0   | 936   |
| 6.5   | 7.9   | 1605  |
| 0.0   | 0.0   | 3921  |
| 0.1   | 0.0   | 952   |
| 0.0   | 0.0   | 934   |
| 4.9   | 3.4   | 14461 |
| 0.1   | 0.0   | 922   |
| 3.7   | 3.1   | 18312 |
| 0.1   | 0.1   | 32705 |
| 0.3   | 0.0   | 7764  |
| 0.2   | 0.1   | 40786 |
| 7.3   | 5.8   | 7197  |
| 0.4   | 0.0   | 2379  |
| 0.2   | 0.2   | 10186 |
| 1.6   | 0.2   | 12108 |
| 27.0  | 32.2  | 5404  |
| 0.7   | 0.3   | 10630 |
| 0.6   | 0.5   | 9287  |
| 54.8  | 67.5  | 2911  |
| 10.4  | 4.6   | 4038  |
| 91.9  | 93.0  | 1649  |
| 45.0  | 38.0  | 1865  |
| 9.5   | 5.2   | 21757 |
| 24.6  | 19.2  | 2424  |
| 6.2   | 4.3   | 7102  |
| 14.6  | 15.0  | 2904  |
| 3.5   | 3.0   | 15667 |
| 0.1   | 0.1   | 18527 |
| 0.3   | 0.2   | 4600  |
| 0.0   | 0.0   | 28659 |
| 1.5   | 1.1   | 35106 |
| 42.5  | 35.7  | 11119 |
| 2.5   | 1.6   | 36270 |
| 0.1   | 0.0   | 4060  |
| 0.1   | 0.0   | 1358  |
| 0.5   | 0.3   | 10498 |
| 6.9   | 4.5   | 6240  |
| 2.7   | 2.3   | 6819  |

|      |      |        |
|------|------|--------|
| 32.9 | 26.4 | 8916   |
| 0.8  | 0.5  | 28175  |
| 0.1  | 0.0  | 2293   |
| 0.1  | 0.0  | 1362   |
| 1.0  | 0.7  | 38760  |
| 2.0  | 1.9  | 14910  |
| 0.0  | 0.0  | 21800  |
| 29.9 | 26.7 | 2456   |
| 1.1  | 0.7  | 4703   |
| 1.2  | 0.8  | 3041   |
| 0.1  | 0.0  | 860    |
| 2.9  | 2.1  | 10344  |
| 0.1  | 0.0  | 7142   |
| 1.0  | 0.5  | 21741  |
| 0.3  | 0.0  | 954    |
| 3.7  | 1.3  | 6841   |
| 1.7  | 1.2  | 26168  |
| 19.0 | 23.5 | 5456   |
| 0.3  | 0.1  | 8884   |
| 4.2  | 2.7  | 6322   |
| 0.4  | 0.3  | 5043   |
| 1.0  | 0.7  | 2854   |
| 2.1  | 1.2  | 1406   |
| 3.6  | 4.5  | 1941   |
| 0.1  | 0.1  | 151393 |
| 0.3  | 0.1  | 4615   |
| 24.4 | 21.4 | 893    |
| 22.8 | 37.1 | 1561   |
| 5.9  | 8.3  | 3248   |
| 1.8  | 1.6  | 8950   |
| 31.2 | 26.9 | 1524   |
| 2.3  | 1.7  | 5898   |
| 0.7  | 1.3  | 6023   |
| 0.0  | 0.0  | 3029   |
| 0.0  | 0.0  | 601    |
| 0.1  | 0.0  | 2478   |
| 0.1  | 0.0  | 8278   |
| 7.4  | 6.6  | 5107   |
| 0.4  | 0.1  | 8008   |
| 1.0  | 0.3  | 11872  |
| 14.4 | 55.3 | 2874   |
| 1.7  | 1.2  | 8785   |
| 0.1  | 0.0  | 30651  |
| 5.6  | 4.1  | 9096   |
| 0.0  | 0.0  | 2089   |
| 1.7  | 0.8  | 4684   |
| 0.0  | 0.0  | 5306   |

|      |      |       |
|------|------|-------|
| 0.6  | 0.9  | 4464  |
| 6.6  | 6.1  | 17121 |
| 0.1  | 0.4  | 1607  |
| 0.9  | 0.0  | 425   |
| 1.2  | 0.9  | 10474 |
| 89.3 | 87.9 | 1113  |
| 0.5  | 0.1  | 9848  |
| 1.0  | 0.4  | 15062 |
| 0.6  | 0.4  | 9044  |
| 0.2  | 0.0  | 1791  |
| 3.6  | 2.7  | 4392  |
| 0.1  | 0.0  | 1338  |
| 0.1  | 0.0  | 1833  |
| 5.3  | 1.9  | 4947  |
| 9.2  | 5.7  | 4508  |
| 0.0  | 0.0  | 3157  |
| 0.6  | 0.0  | 876   |
| 0.2  | 0.1  | 5912  |
| 3.2  | 2.4  | 5749  |
| 7.4  | 1.5  | 3016  |
| 0.1  | 0.0  | 1776  |
| 0.2  | 0.0  | 1114  |
| 0.0  | 0.0  | 1812  |
| 0.1  | 0.0  | 9534  |
| 3.1  | 2.7  | 8419  |
| 0.0  | 0.0  | 2661  |
| 1.0  | 0.2  | 17035 |
| 1.7  | 1.5  | 3251  |
| 0.2  | 0.0  | 521   |
| 0.5  | 0.1  | 4243  |
| 2.4  | 1.4  | 1828  |
| 3.1  | 0.8  | 1839  |
| 4.3  | 2.2  | 9272  |
| 6.7  | 7.0  | 6378  |
| 0.1  | 0.0  | 2198  |
| 3.5  | 2.8  | 13363 |
| 2.4  | 2.9  | 4820  |
| 0.7  | 0.4  | 4933  |
| 1.0  | 0.9  | 9543  |
| 1.4  | 1.3  | 16017 |
| 0.8  | 0.5  | 2902  |
| 2.3  | 2.7  | 6661  |
| 0.1  | 0.3  | 12652 |
| 6.6  | 7.0  | 10531 |
| 0.0  | 0.0  | 755   |
| 2.2  | 1.0  | 432   |
| 0.0  | 0.0  | 1306  |

|       |       |       |
|-------|-------|-------|
| 2.8   | 1.5   | 2897  |
| 3.3   | 1.0   | 2206  |
| 0.1   | 0.0   | 4553  |
| 0.1   | 0.0   | 4577  |
| 0.1   | 0.0   | 1870  |
| 216.4 | 311.2 | 2379  |
| 0.3   | 0.1   | 6125  |
| 0.1   | 0.0   | 5580  |
| 0.2   | 0.0   | 4933  |
| 0.2   | 0.0   | 5195  |
| 0.1   | 0.0   | 1444  |
| 2.0   | 2.2   | 3313  |
| 0.0   | 0.0   | 2011  |
| 0.2   | 0.2   | 5070  |
| 0.8   | 0.7   | 5124  |
| 5.3   | 3.5   | 2894  |
| 0.1   | 0.0   | 3635  |
| 11.3  | 8.6   | 1525  |
| 4.5   | 2.6   | 4607  |
| 0.9   | 0.9   | 4652  |
| 0.2   | 0.8   | 1608  |
| 2.4   | 1.2   | 2281  |
| 2.1   | 1.1   | 2917  |
| 0.0   | 0.0   | 12103 |
| 26.8  | 23.9  | 8033  |
| 0.1   | 0.0   | 1980  |
| 0.1   | 0.0   | 3610  |
| 0.0   | 0.0   | 9822  |
| 0.2   | 0.2   | 46192 |
| 0.1   | 0.1   | 2529  |
| 0.0   | 0.0   | 2268  |
| 0.3   | 0.0   | 1284  |
| 0.0   | 0.0   | 4562  |
| 0.3   | 0.0   | 1188  |
| 0.2   | 0.0   | 1190  |
| 1.5   | 0.6   | 372   |
| 1.1   | 1.2   | 1164  |
| 0.4   | 0.0   | 2090  |
| 4.6   | 0.5   | 597   |
| 5.8   | 0.0   | 597   |
| 5.2   | 0.0   | 597   |
| 4.1   | 0.5   | 597   |
| 0.8   | 0.4   | 1096  |
| 0.1   | 0.0   | 2352  |
| 0.0   | 0.0   | 1166  |
| 0.1   | 0.1   | 1356  |
| 0.6   | 0.0   | 342   |

|      |      |       |
|------|------|-------|
| 0.2  | 0.0  | 23025 |
| 0.3  | 0.0  | 1112  |
| 0.2  | 0.0  | 759   |
| 0.1  | 0.0  | 2610  |
| 0.9  | 0.0  | 2052  |
| 0.0  | 0.0  | 3899  |
| 0.1  | 0.1  | 1158  |
| 0.2  | 0.0  | 1286  |
| 0.0  | 0.0  | 2712  |
| 4.2  | 1.6  | 468   |
| 0.8  | 0.4  | 588   |
| 0.0  | 0.0  | 438   |
| 0.0  | 0.0  | 438   |
| 0.0  | 0.0  | 438   |
| 0.0  | 0.0  | 438   |
| 0.0  | 0.0  | 1074  |
| 0.1  | 0.0  | 825   |
| 0.6  | 0.2  | 8795  |
| 0.5  | 0.0  | 780   |
| 0.6  | 0.1  | 2052  |
| 0.0  | 0.0  | 838   |
| 0.0  | 0.0  | 2718  |
| 11.1 | 0.4  | 1909  |
| 1.0  | 0.9  | 2070  |
| 0.1  | 0.0  | 699   |
| 0.0  | 0.0  | 663   |
| 1.1  | 1.2  | 3474  |
| 0.7  | 0.0  | 652   |
| 0.0  | 0.0  | 120   |
| 0.0  | 0.0  | 357   |
| 0.2  | 0.0  | 903   |
| 0.6  | 0.0  | 1407  |
| 1.3  | 0.0  | 375   |
| 1.0  | 0.4  | 17873 |
| 7.9  | 6.8  | 3700  |
| 0.0  | 0.0  | 8702  |
| 6.0  | 2.5  | 8061  |
| 0.2  | 0.4  | 4292  |
| 2.1  | 1.1  | 15324 |
| 0.3  | 0.4  | 7967  |
| 3.8  | 3.4  | 6566  |
| 0.5  | 0.2  | 6330  |
| 6.2  | 4.4  | 6906  |
| 51.7 | 43.9 | 1523  |
| 4.5  | 2.6  | 6475  |
| 8.0  | 4.7  | 6145  |
| 3.0  | 1.6  | 3652  |

|       |       |       |
|-------|-------|-------|
| 0.1   | 0.2   | 3650  |
| 3.9   | 2.6   | 8413  |
| 16.5  | 12.0  | 3618  |
| 6.9   | 8.4   | 3528  |
| 0.2   | 0.0   | 1146  |
| 3.3   | 2.6   | 5176  |
| 1.1   | 1.0   | 9058  |
| 0.0   | 0.0   | 879   |
| 2.1   | 2.7   | 15306 |
| 2.5   | 2.0   | 1141  |
| 2.9   | 2.2   | 2288  |
| 1.7   | 1.1   | 1539  |
| 0.2   | 0.0   | 3764  |
| 0.2   | 0.0   | 1393  |
| 1.4   | 1.5   | 858   |
| 0.1   | 0.0   | 952   |
| 0.1   | 0.0   | 3849  |
| 0.9   | 0.6   | 9520  |
| 2.5   | 0.6   | 4295  |
| 0.0   | 0.0   | 1876  |
| 2.8   | 2.2   | 1357  |
| 2.0   | 2.1   | 5726  |
| 38.1  | 30.7  | 4586  |
| 0.8   | 0.6   | 6753  |
| 0.1   | 0.0   | 3018  |
| 1.5   | 1.0   | 14265 |
| 1.2   | 0.9   | 2483  |
| 1.1   | 0.8   | 21393 |
| 0.0   | 0.0   | 2903  |
| 0.6   | 0.0   | 907   |
| 1.1   | 0.2   | 4622  |
| 0.8   | 0.2   | 2892  |
| 3.0   | 3.6   | 12396 |
| 0.3   | 0.0   | 4782  |
| 0.1   | 0.0   | 36931 |
| 1.4   | 0.6   | 17750 |
| 13.9  | 7.4   | 548   |
| 0.1   | 0.0   | 7110  |
| 3.4   | 3.9   | 3002  |
| 0.1   | 0.0   | 16458 |
| 199.9 | 524.7 | 2151  |
| 2.9   | 2.2   | 19339 |
| 2.5   | 1.8   | 11191 |
| 2.8   | 1.4   | 15363 |
| 4.9   | 2.5   | 3871  |
| 3.0   | 1.6   | 9321  |
| 3.6   | 2.3   | 1414  |

|      |      |       |
|------|------|-------|
| 0.1  | 0.0  | 3384  |
| 3.4  | 2.6  | 25722 |
| 9.9  | 3.4  | 3291  |
| 2.8  | 1.6  | 1582  |
| 6.7  | 4.9  | 8818  |
| 0.2  | 0.1  | 12508 |
| 0.1  | 0.0  | 7336  |
| 2.2  | 1.4  | 4111  |
| 0.2  | 0.0  | 3984  |
| 0.2  | 0.1  | 8116  |
| 0.4  | 0.2  | 8847  |
| 3.2  | 2.1  | 52240 |
| 4.6  | 6.3  | 2925  |
| 8.2  | 8.8  | 6980  |
| 7.9  | 7.2  | 3513  |
| 7.0  | 5.4  | 8383  |
| 28.1 | 22.8 | 5422  |
| 0.9  | 0.3  | 4111  |
| 0.2  | 0.0  | 3923  |
| 0.8  | 0.4  | 17307 |
| 0.9  | 0.6  | 4860  |
| 0.0  | 0.0  | 1514  |
| 0.5  | 0.0  | 3406  |
| 4.2  | 0.7  | 2311  |
| 0.2  | 0.0  | 2107  |
| 0.2  | 0.1  | 11818 |
| 0.6  | 0.2  | 8124  |
| 0.9  | 0.9  | 4230  |
| 0.0  | 0.0  | 2979  |
| 0.3  | 0.2  | 2182  |
| 0.0  | 1.0  | 657   |
| 0.3  | 0.3  | 2249  |
| 0.0  | 0.0  | 8386  |
| 7.5  | 6.8  | 1648  |
| 0.1  | 0.0  | 9002  |
| 2.4  | 1.9  | 10913 |
| 0.6  | 0.2  | 1817  |
| 2.5  | 2.3  | 10156 |
| 4.6  | 3.2  | 6351  |
| 17.9 | 16.1 | 8103  |
| 0.3  | 0.0  | 2189  |
| 2.1  | 2.1  | 45842 |
| 2.0  | 1.9  | 2157  |
| 4.1  | 3.9  | 20238 |
| 0.3  | 0.1  | 9161  |
| 3.1  | 2.8  | 18459 |
| 3.1  | 1.5  | 2556  |



|      |      |       |
|------|------|-------|
| 0.4  | 0.3  | 3599  |
| 11.2 | 5.5  | 11217 |
| 0.9  | 0.0  | 1320  |
| 2.7  | 1.4  | 10340 |
| 0.2  | 0.0  | 1407  |
| 16.2 | 15.9 | 4062  |
| 0.0  | 0.0  | 38001 |
| 90.8 | 82.0 | 1637  |
| 0.0  | 0.0  | 1009  |
| 4.1  | 1.4  | 3067  |
| 3.7  | 2.2  | 5958  |
| 22.4 | 17.9 | 2602  |
| 0.2  | 0.0  | 1925  |
| 10.4 | 8.7  | 1249  |
| 16.0 | 15.6 | 3931  |
| 79.7 | 38.9 | 2280  |
| 52.5 | 44.2 | 2097  |
| 0.2  | 0.0  | 1898  |
| 0.4  | 0.5  | 6884  |
| 5.1  | 5.1  | 2630  |
| 17.4 | 8.3  | 4193  |
| 0.0  | 0.0  | 12351 |
| 1.1  | 0.4  | 3996  |
| 9.2  | 7.3  | 4598  |
| 6.4  | 6.6  | 3105  |
| 2.7  | 1.4  | 1462  |
| 0.0  | 0.0  | 3784  |
| 7.2  | 4.8  | 2995  |
| 13.8 | 6.4  | 1532  |
| 6.4  | 8.5  | 906   |
| 11.8 | 10.7 | 3182  |
| 0.5  | 0.3  | 3109  |
| 7.7  | 6.2  | 3261  |
| 0.1  | 0.0  | 1907  |
| 4.0  | 2.0  | 1865  |
| 18.5 | 12.3 | 1353  |
| 11.4 | 8.3  | 2978  |
| 19.7 | 15.6 | 1467  |
| 0.0  | 0.0  | 845   |
| 1.9  | 1.0  | 5595  |
| 16.8 | 13.4 | 17400 |
| 2.4  | 2.6  | 3745  |
| 6.2  | 6.4  | 949   |
| 8.1  | 10.5 | 4698  |
| 14.1 | 12.3 | 5687  |
| 37.7 | 22.8 | 8555  |
| 73.3 | 64.7 | 1586  |

|       |       |       |
|-------|-------|-------|
| 34.1  | 37.4  | 2813  |
| 14.0  | 13.8  | 5313  |
| 1.3   | 0.3   | 2826  |
| 7.4   | 5.5   | 1935  |
| 2.5   | 1.0   | 1629  |
| 10.0  | 5.8   | 2354  |
| 5.0   | 1.5   | 1854  |
| 8.0   | 3.6   | 2250  |
| 4.1   | 5.5   | 4565  |
| 2.4   | 2.7   | 2179  |
| 23.9  | 20.1  | 2039  |
| 0.1   | 0.1   | 3318  |
| 0.4   | 0.1   | 3736  |
| 6.8   | 4.3   | 2913  |
| 0.5   | 0.0   | 397   |
| 1.2   | 0.7   | 2195  |
| 4.5   | 3.9   | 1458  |
| 0.2   | 0.0   | 1067  |
| 0.0   | 0.0   | 3848  |
| 2.8   | 3.1   | 2880  |
| 48.3  | 30.9  | 1013  |
| 0.2   | 0.0   | 1309  |
| 3.1   | 1.6   | 2733  |
| 0.1   | 0.1   | 32069 |
| 1.6   | 2.6   | 842   |
| 0.5   | 0.0   | 812   |
| 0.1   | 0.0   | 3862  |
| 0.2   | 0.1   | 2347  |
| 2.4   | 0.4   | 3981  |
| 1.7   | 1.0   | 4040  |
| 20.4  | 29.3  | 6614  |
| 0.0   | 0.0   | 9323  |
| 0.1   | 0.0   | 3176  |
| 0.0   | 0.0   | 12722 |
| 0.0   | 0.0   | 2545  |
| 0.1   | 0.0   | 6146  |
| 5.9   | 4.4   | 5624  |
| 7.4   | 4.3   | 2214  |
| 1.7   | 1.1   | 3124  |
| 0.0   | 0.0   | 2046  |
| 1.0   | 0.3   | 4139  |
| 7.7   | 4.3   | 3752  |
| 3.6   | 3.3   | 2435  |
| 0.2   | 0.4   | 3254  |
| 2.1   | 2.7   | 1640  |
| 0.5   | 0.3   | 11966 |
| 132.8 | 119.8 | 1416  |

|       |       |       |
|-------|-------|-------|
| 136.1 | 229.2 | 1196  |
| 12.8  | 13.0  | 2515  |
| 9.8   | 10.2  | 2715  |
| 4.7   | 3.5   | 3286  |
| 0.1   | 0.0   | 2702  |
| 2.8   | 2.3   | 2139  |
| 4.2   | 2.2   | 1068  |
| 1.0   | 1.0   | 6571  |
| 191.7 | 146.7 | 4205  |
| 5.7   | 5.2   | 4128  |
| 16.5  | 15.8  | 3827  |
| 0.2   | 0.3   | 9341  |
| 0.0   | 0.0   | 2890  |
| 6.9   | 2.0   | 2912  |
| 13.2  | 11.0  | 2291  |
| 0.0   | 0.0   | 2207  |
| 0.2   | 0.0   | 3104  |
| 2.1   | 2.6   | 4291  |
| 9.5   | 11.2  | 1835  |
| 3.9   | 1.4   | 1374  |
| 0.4   | 0.3   | 2485  |
| 0.0   | 0.0   | 2381  |
| 0.2   | 0.0   | 3029  |
| 0.3   | 0.3   | 5032  |
| 0.2   | 0.0   | 784   |
| 0.4   | 0.2   | 2950  |
| 13.8  | 7.9   | 3732  |
| 0.3   | 0.0   | 3339  |
| 0.0   | 0.0   | 1090  |
| 0.1   | 0.0   | 9022  |
| 0.1   | 0.0   | 1360  |
| 1.9   | 1.8   | 634   |
| 2.0   | 0.8   | 2456  |
| 0.0   | 0.0   | 863   |
| 0.0   | 0.0   | 548   |
| 0.1   | 0.0   | 2652  |
| 0.1   | 0.0   | 1372  |
| 0.0   | 0.0   | 2075  |
| 8.1   | 11.6  | 1433  |
| 14.2  | 10.5  | 3468  |
| 5.1   | 3.6   | 8043  |
| 0.5   | 0.4   | 2529  |
| 0.8   | 0.5   | 2499  |
| 5.7   | 1.3   | 37567 |
| 0.0   | 0.0   | 11552 |
| 1.0   | 0.3   | 1246  |
| 0.1   | 0.0   | 5877  |

|      |      |       |
|------|------|-------|
| 1.5  | 0.2  | 884   |
| 0.6  | 0.3  | 1874  |
| 0.1  | 0.0  | 1938  |
| 0.4  | 0.3  | 44651 |
| 0.2  | 0.0  | 3170  |
| 2.0  | 1.1  | 29503 |
| 10.3 | 6.1  | 14928 |
| 0.0  | 0.0  | 17737 |
| 5.7  | 5.9  | 12504 |
| 0.2  | 0.0  | 1818  |
| 0.5  | 0.5  | 12588 |
| 0.8  | 0.5  | 11503 |
| 0.3  | 0.1  | 16310 |
| 0.3  | 0.0  | 670   |
| 3.6  | 2.9  | 3125  |
| 0.9  | 0.0  | 1014  |
| 0.5  | 0.4  | 4193  |
| 0.5  | 0.5  | 13260 |
| 3.6  | 2.7  | 3178  |
| 0.1  | 0.0  | 11088 |
| 18.8 | 16.7 | 3128  |
| 0.4  | 0.1  | 3751  |
| 0.0  | 0.0  | 4972  |
| 0.1  | 0.0  | 4360  |
| 0.1  | 0.0  | 38697 |
| 7.4  | 5.9  | 5825  |
| 0.3  | 0.2  | 2208  |
| 0.2  | 0.0  | 1242  |
| 0.1  | 0.1  | 2707  |
| 1.5  | 0.9  | 8879  |
| 20.9 | 16.1 | 12151 |
| 27.9 | 22.6 | 3144  |
| 5.9  | 1.3  | 2126  |
| 2.6  | 2.4  | 22891 |
| 0.5  | 0.3  | 12582 |
| 1.6  | 1.6  | 11578 |
| 0.2  | 0.0  | 4276  |
| 2.1  | 1.8  | 2503  |
| 6.5  | 4.0  | 7423  |
| 10.6 | 7.7  | 2332  |
| 7.2  | 4.0  | 1518  |
| 0.1  | 0.0  | 4091  |
| 0.5  | 0.7  | 15260 |
| 0.7  | 0.4  | 7240  |
| 1.3  | 0.9  | 13911 |
| 0.3  | 0.0  | 14260 |
| 0.1  | 0.0  | 1411  |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 4985  |
| 0.0  | 0.0  | 1281  |
| 0.0  | 0.0  | 747   |
| 1.0  | 0.3  | 17313 |
| 0.3  | 0.0  | 2579  |
| 1.2  | 0.7  | 2957  |
| 3.0  | 1.6  | 7886  |
| 10.5 | 6.7  | 2787  |
| 0.0  | 0.0  | 3624  |
| 0.1  | 0.0  | 937   |
| 9.3  | 6.6  | 4408  |
| 2.2  | 1.1  | 8751  |
| 0.0  | 0.0  | 748   |
| 25.5 | 23.0 | 1841  |
| 0.0  | 0.0  | 4609  |
| 0.0  | 0.0  | 1960  |
| 0.1  | 0.0  | 3675  |
| 1.0  | 0.3  | 18147 |
| 26.1 | 22.6 | 1215  |
| 3.7  | 3.6  | 1552  |
| 0.0  | 0.0  | 2043  |
| 0.0  | 0.0  | 2043  |
| 2.6  | 2.1  | 4733  |
| 10.7 | 7.4  | 5535  |
| 2.0  | 0.9  | 2275  |
| 3.7  | 0.8  | 4009  |
| 1.6  | 1.3  | 7629  |
| 1.6  | 0.5  | 4687  |
| 2.0  | 1.9  | 19896 |
| 0.1  | 0.1  | 6504  |
| 22.2 | 17.2 | 3688  |
| 0.1  | 0.0  | 2269  |
| 0.0  | 0.0  | 3403  |
| 1.0  | 1.0  | 4569  |
| 0.6  | 0.6  | 12513 |
| 4.9  | 3.0  | 15452 |
| 0.6  | 0.3  | 13679 |
| 0.1  | 0.0  | 7997  |
| 0.7  | 0.4  | 2167  |
| 1.2  | 0.7  | 55338 |
| 1.8  | 1.2  | 2090  |
| 0.3  | 0.2  | 1599  |
| 11.9 | 9.8  | 9693  |
| 0.4  | 0.2  | 3030  |
| 0.6  | 0.2  | 616   |
| 10.8 | 9.3  | 6524  |
| 0.0  | 0.0  | 1748  |

|      |      |       |
|------|------|-------|
| 5.9  | 3.6  | 6550  |
| 7.3  | 3.7  | 5942  |
| 3.6  | 3.9  | 3352  |
| 0.1  | 0.0  | 3678  |
| 2.8  | 1.2  | 15631 |
| 0.0  | 0.0  | 5423  |
| 1.2  | 1.4  | 14502 |
| 28.7 | 32.3 | 4459  |
| 1.8  | 0.0  | 104   |
| 3.0  | 0.0  | 93    |
| 0.6  | 0.3  | 9719  |
| 0.1  | 0.0  | 1526  |
| 0.3  | 0.2  | 9519  |
| 8.0  | 4.8  | 1960  |
| 2.8  | 1.6  | 797   |
| 0.2  | 0.0  | 983   |
| 0.1  | 0.0  | 21884 |
| 3.6  | 3.3  | 28928 |
| 4.1  | 2.2  | 3779  |
| 1.0  | 0.4  | 1915  |
| 1.5  | 0.8  | 2158  |
| 0.0  | 0.0  | 2974  |
| 0.1  | 0.0  | 1663  |
| 5.0  | 3.9  | 22122 |
| 0.2  | 0.0  | 1143  |
| 1.5  | 0.5  | 5712  |
| 0.3  | 0.0  | 2505  |
| 0.1  | 0.0  | 1931  |
| 0.5  | 0.4  | 4585  |
| 0.2  | 0.0  | 1863  |
| 0.1  | 0.0  | 1845  |
| 0.2  | 0.0  | 619   |
| 5.8  | 4.4  | 5770  |
| 0.1  | 0.0  | 1193  |
| 0.4  | 0.0  | 2469  |
| 0.2  | 0.1  | 25567 |
| 1.7  | 0.4  | 6740  |
| 13.2 | 13.5 | 1892  |
| 0.7  | 0.0  | 555   |
| 4.0  | 2.1  | 5795  |
| 0.0  | 0.0  | 5185  |
| 0.0  | 0.0  | 127   |
| 1.2  | 0.6  | 2998  |
| 3.4  | 1.0  | 12165 |
| 0.1  | 0.0  | 2327  |
| 0.1  | 0.0  | 19491 |
| 2.2  | 2.5  | 11712 |

|       |       |       |
|-------|-------|-------|
| 12.3  | 12.1  | 10492 |
| 0.0   | 0.0   | 3888  |
| 0.1   | 0.0   | 4760  |
| 0.8   | 0.3   | 9424  |
| 1.4   | 0.4   | 1399  |
| 0.5   | 0.4   | 6608  |
| 5.7   | 4.4   | 7995  |
| 8.9   | 8.3   | 1238  |
| 4.4   | 0.0   | 64    |
| 0.0   | 0.0   | 1055  |
| 3.3   | 2.4   | 10968 |
| 481.6 | 214.0 | 3756  |
| 0.0   | 0.0   | 4197  |
| 245.1 | 8.3   | 88    |
| 16.2  | 3.6   | 87    |
| 9.4   | 7.8   | 80    |
| 1.6   | 1.8   | 2305  |
| 0.0   | 0.0   | 3307  |
| 0.0   | 0.0   | 3514  |
| 16.0  | 14.3  | 4827  |
| 1.0   | 0.4   | 3674  |
| 16.7  | 16.4  | 3744  |
| 0.1   | 0.0   | 11889 |
| 0.1   | 0.0   | 1764  |
| 19.3  | 20.2  | 5616  |
| 0.1   | 0.0   | 11223 |
| 0.0   | 0.0   | 2715  |
| 3.1   | 2.4   | 5212  |
| 1.5   | 0.6   | 4427  |
| 0.0   | 0.0   | 615   |
| 1.3   | 0.8   | 35905 |
| 1.1   | 0.8   | 1889  |
| 0.5   | 1.1   | 1136  |
| 4.7   | 5.3   | 1375  |
| 2.0   | 1.0   | 697   |
| 6.1   | 6.0   | 4210  |
| 0.7   | 0.2   | 13747 |
| 0.0   | 0.0   | 13096 |
| 0.1   | 0.0   | 11171 |
| 0.1   | 0.0   | 1812  |
| 0.0   | 0.0   | 2079  |
| 4.0   | 3.7   | 17194 |
| 5.2   | 3.7   | 3683  |
| 9.4   | 8.4   | 7730  |
| 0.1   | 0.0   | 33218 |
| 22.7  | 23.6  | 2617  |
| 2.3   | 2.2   | 11451 |

|      |      |       |
|------|------|-------|
| 4.4  | 2.8  | 1504  |
| 4.1  | 3.7  | 28839 |
| 0.7  | 0.3  | 1667  |
| 7.2  | 1.6  | 1874  |
| 3.7  | 2.0  | 2554  |
| 15.7 | 11.9 | 6991  |
| 0.9  | 1.0  | 2007  |
| 2.2  | 2.5  | 2397  |
| 7.2  | 8.5  | 6633  |
| 1.3  | 0.7  | 11613 |
| 3.1  | 3.2  | 22888 |
| 9.0  | 3.7  | 4541  |
| 1.5  | 1.6  | 4370  |
| 1.1  | 1.9  | 4874  |
| 1.3  | 2.1  | 4370  |
| 1.1  | 2.1  | 4614  |
| 1.9  | 2.9  | 4273  |
| 3.0  | 1.1  | 10322 |
| 1.2  | 1.4  | 13877 |
| 0.1  | 0.0  | 2339  |
| 9.5  | 7.2  | 6458  |
| 2.0  | 1.5  | 8925  |
| 0.0  | 0.0  | 972   |
| 0.1  | 0.0  | 21793 |
| 8.8  | 5.8  | 23467 |
| 1.3  | 0.8  | 2084  |
| 1.2  | 1.2  | 15816 |
| 4.2  | 3.0  | 7912  |
| 0.1  | 0.0  | 1708  |
| 0.5  | 0.2  | 9771  |
| 1.2  | 1.4  | 1950  |
| 1.8  | 0.9  | 576   |
| 0.0  | 0.0  | 609   |
| 3.1  | 0.8  | 4245  |
| 0.0  | 0.0  | 4704  |
| 0.8  | 0.7  | 4086  |
| 3.2  | 2.0  | 11159 |
| 6.1  | 0.8  | 785   |
| 2.0  | 1.1  | 785   |
| 11.8 | 7.3  | 785   |
| 12.2 | 16.0 | 785   |
| 0.0  | 0.0  | 17383 |
| 0.2  | 0.0  | 3088  |
| 1.1  | 1.3  | 11219 |
| 1.9  | 2.3  | 2122  |
| 0.0  | 0.3  | 1039  |
| 3.6  | 1.4  | 8664  |



|      |      |       |
|------|------|-------|
| 0.5  | 0.2  | 1969  |
| 32.7 | 17.2 | 3785  |
| 4.6  | 2.7  | 6269  |
| 40.7 | 39.9 | 37856 |
| 3.6  | 1.8  | 5986  |
| 2.9  | 4.1  | 4337  |
| 2.0  | 0.5  | 2054  |
| 0.1  | 0.0  | 1744  |
| 6.7  | 4.5  | 3513  |
| 23.6 | 23.9 | 3133  |
| 0.7  | 0.1  | 2419  |
| 0.7  | 0.7  | 2685  |
| 0.0  | 0.0  | 2644  |
| 4.0  | 3.2  | 1688  |
| 5.7  | 6.3  | 2072  |
| 0.6  | 0.0  | 1647  |
| 0.3  | 0.0  | 655   |
| 0.1  | 0.0  | 18883 |
| 0.3  | 0.1  | 9088  |
| 0.3  | 0.0  | 904   |
| 3.9  | 2.2  | 6139  |
| 0.0  | 0.3  | 362   |
| 0.0  | 0.0  | 870   |
| 0.3  | 0.0  | 1437  |
| 1.0  | 0.6  | 23714 |
| 0.3  | 0.0  | 1533  |
| 0.0  | 0.0  | 2610  |
| 0.1  | 0.0  | 5379  |
| 0.3  | 0.0  | 708   |
| 11.0 | 2.4  | 5901  |
| 0.4  | 0.6  | 3241  |
| 2.0  | 1.4  | 13723 |
| 17.0 | 10.1 | 5545  |
| 0.4  | 0.1  | 1955  |
| 0.3  | 0.2  | 1966  |
| 0.1  | 0.0  | 1893  |
| 0.1  | 0.2  | 1306  |
| 0.1  | 0.0  | 773   |
| 1.0  | 0.3  | 773   |
| 0.2  | 0.0  | 2838  |
| 0.0  | 0.0  | 293   |
| 0.0  | 0.0  | 253   |
| 5.0  | 4.8  | 2322  |
| 0.0  | 0.0  | 694   |
| 31.3 | 3.6  | 1902  |
| 12.4 | 9.4  | 9333  |
| 0.4  | 0.0  | 967   |

|        |       |       |
|--------|-------|-------|
| 0.0    | 0.0   | 6036  |
| 1.9    | 1.3   | 810   |
| 0.0    | 0.0   | 999   |
| 0.5    | 0.5   | 6742  |
| 0.0    | 0.0   | 925   |
| 3.1    | 2.5   | 2534  |
| 0.0    | 0.0   | 2226  |
| 1.6    | 0.9   | 40592 |
| 4.1    | 1.9   | 6857  |
| 2.0    | 1.0   | 7299  |
| 0.0    | 0.0   | 1668  |
| 0.7    | 0.4   | 3548  |
| 1.9    | 0.1   | 1611  |
| 0.0    | 0.0   | 1286  |
| 0.0    | 0.0   | 1156  |
| 0.2    | 0.0   | 2978  |
| 0.7    | 0.2   | 1304  |
| 0.2    | 0.1   | 2597  |
| 0.1    | 0.1   | 16321 |
| 5.3    | 5.4   | 9934  |
| 12.2   | 12.4  | 4564  |
| 15.8   | 48.8  | 107   |
| 1096.7 | 512.3 | 107   |
| 191.9  | 71.2  | 107   |
| 411.3  | 421.5 | 136   |
| 8.0    | 1.2   | 924   |
| 0.0    | 0.0   | 933   |
| 0.0    | 0.0   | 936   |
| 0.6    | 0.3   | 6646  |
| 23.8   | 18.4  | 2356  |
| 3.7    | 2.7   | 6246  |
| 0.1    | 0.0   | 1426  |
| 0.3    | 0.0   | 2857  |
| 12.5   | 11.2  | 1978  |
| 0.3    | 0.1   | 9508  |
| 4.3    | 4.0   | 2610  |
| 2.4    | 1.8   | 4666  |
| 3.1    | 3.2   | 5084  |
| 20.4   | 18.8  | 1255  |
| 1.5    | 0.8   | 13558 |
| 0.0    | 0.0   | 27052 |
| 0.8    | 0.5   | 16087 |
| 8.7    | 6.9   | 10577 |
| 2.1    | 1.5   | 10566 |
| 8.7    | 8.4   | 11108 |
| 3.6    | 1.2   | 7032  |
| 6.0    | 3.3   | 5739  |

|      |      |       |
|------|------|-------|
| 13.9 | 17.1 | 3047  |
| 9.3  | 4.4  | 4063  |
| 8.1  | 5.5  | 3154  |
| 6.2  | 6.5  | 30409 |
| 0.2  | 0.0  | 5990  |
| 8.6  | 6.7  | 6629  |
| 0.2  | 0.0  | 1068  |
| 0.3  | 0.0  | 2135  |
| 0.4  | 0.2  | 29643 |
| 9.1  | 4.6  | 1138  |
| 0.1  | 0.0  | 2289  |
| 0.0  | 0.0  | 928   |
| 0.1  | 0.0  | 74741 |
| 0.2  | 0.0  | 2517  |
| 18.5 | 16.0 | 8140  |
| 13.1 | 14.4 | 4366  |
| 0.0  | 0.0  | 2794  |
| 2.1  | 0.8  | 4445  |
| 36.8 | 36.7 | 7833  |
| 4.5  | 3.0  | 11810 |
| 0.1  | 0.0  | 2808  |
| 0.1  | 0.0  | 4216  |
| 0.0  | 0.0  | 2260  |
| 0.1  | 0.0  | 4482  |
| 19.4 | 17.5 | 6938  |
| 3.8  | 0.7  | 2244  |
| 33.1 | 25.2 | 1270  |
| 0.6  | 0.1  | 5779  |
| 1.0  | 0.5  | 6833  |
| 0.5  | 0.2  | 9478  |
| 0.0  | 0.0  | 3952  |
| 2.4  | 2.6  | 4506  |
| 1.6  | 1.3  | 1839  |
| 0.1  | 0.0  | 15637 |
| 0.0  | 0.0  | 12955 |
| 1.3  | 1.1  | 10499 |
| 0.1  | 0.0  | 2881  |
| 5.4  | 6.0  | 11764 |
| 0.6  | 0.5  | 21778 |
| 4.0  | 4.5  | 24806 |
| 2.4  | 1.4  | 7436  |
| 3.9  | 3.2  | 6402  |
| 2.0  | 0.8  | 2202  |
| 0.5  | 0.1  | 2324  |
| 0.1  | 0.0  | 12865 |
| 2.9  | 1.7  | 11276 |
| 0.0  | 0.0  | 9175  |

|       |       |       |
|-------|-------|-------|
| 0.1   | 0.0   | 73048 |
| 0.0   | 0.0   | 7076  |
| 0.1   | 0.0   | 11679 |
| 0.3   | 0.1   | 8577  |
| 0.1   | 0.0   | 2201  |
| 0.0   | 0.0   | 1262  |
| 0.1   | 0.0   | 5300  |
| 4.2   | 0.9   | 6118  |
| 2.4   | 1.9   | 7054  |
| 0.4   | 0.1   | 22430 |
| 4.3   | 3.4   | 5801  |
| 15.5  | 14.3  | 12523 |
| 108.8 | 106.9 | 2990  |
| 1.1   | 0.9   | 6816  |
| 88.5  | 84.8  | 2174  |
| 27.3  | 18.9  | 3411  |
| 0.0   | 0.0   | 11972 |
| 1.5   | 1.3   | 6169  |
| 0.0   | 0.0   | 8518  |
| 0.1   | 0.1   | 1518  |
| 0.4   | 0.3   | 2657  |
| 1.3   | 0.2   | 3972  |
| 25.5  | 25.3  | 2240  |
| 0.2   | 0.2   | 4556  |
| 17.0  | 18.7  | 4540  |
| 4.4   | 5.5   | 1610  |
| 1.5   | 0.5   | 10301 |
| 1.6   | 1.1   | 2183  |
| 0.1   | 0.0   | 5355  |
| 0.6   | 0.3   | 10501 |
| 0.4   | 0.0   | 722   |
| 13.5  | 11.9  | 9733  |
| 0.4   | 0.4   | 12398 |
| 0.4   | 0.1   | 7002  |
| 2.2   | 4.0   | 5407  |
| 0.8   | 0.3   | 16865 |
| 0.0   | 0.0   | 4298  |
| 13.9  | 15.7  | 2774  |
| 0.2   | 0.1   | 15048 |
| 0.8   | 0.7   | 24771 |
| 1.5   | 0.8   | 5934  |
| 0.0   | 0.0   | 1346  |
| 2.6   | 2.4   | 4420  |
| 3.4   | 3.3   | 3115  |
| 205.2 | 165.7 | 1351  |
| 0.1   | 0.0   | 868   |
| 125.7 | 106.5 | 1502  |

|      |      |        |
|------|------|--------|
| 0.2  | 0.1  | 205640 |
| 5.2  | 5.9  | 4567   |
| 1.7  | 1.6  | 5046   |
| 6.9  | 8.4  | 3619   |
| 61.5 | 27.2 | 695    |
| 0.1  | 0.5  | 769    |
| 0.2  | 0.0  | 6690   |
| 0.6  | 0.0  | 1089   |
| 0.1  | 0.0  | 985    |
| 5.0  | 5.2  | 3590   |
| 2.8  | 2.1  | 19403  |
| 14.1 | 9.2  | 44359  |
| 0.6  | 0.7  | 2051   |
| 1.8  | 1.8  | 15004  |
| 3.3  | 3.8  | 28842  |
| 65.3 | 68.7 | 2094   |
| 2.2  | 1.6  | 22741  |
| 4.4  | 4.0  | 6702   |
| 8.5  | 9.7  | 10190  |
| 1.7  | 0.8  | 7079   |
| 15.7 | 16.0 | 8225   |
| 0.0  | 0.0  | 8721   |
| 7.7  | 7.1  | 3579   |
| 1.2  | 1.1  | 6866   |
| 4.9  | 3.0  | 1174   |
| 0.4  | 0.2  | 4337   |
| 0.0  | 0.0  | 11593  |
| 2.7  | 1.8  | 17706  |
| 0.0  | 0.0  | 1803   |
| 0.0  | 0.0  | 6313   |
| 2.5  | 0.8  | 2919   |
| 2.5  | 0.8  | 7899   |
| 8.4  | 4.9  | 3931   |
| 6.5  | 8.3  | 757    |
| 0.2  | 0.0  | 14340  |
| 0.1  | 0.0  | 7875   |
| 0.1  | 0.0  | 1060   |
| 0.1  | 0.0  | 10607  |
| 1.0  | 1.4  | 1952   |
| 1.2  | 0.6  | 3318   |
| 10.7 | 10.5 | 3518   |
| 23.2 | 18.3 | 2040   |
| 1.7  | 1.1  | 13603  |
| 20.0 | 20.6 | 10455  |
| 19.5 | 13.6 | 3016   |
| 0.0  | 0.0  | 5686   |
| 0.1  | 0.0  | 2121   |

|         |        |       |
|---------|--------|-------|
| 0.0     | 0.0    | 1134  |
| 4.0     | 3.0    | 2111  |
| 1.3     | 0.7    | 21795 |
| 0.6     | 0.1    | 17207 |
| 0.9     | 0.0    | 1195  |
| 6.9     | 7.4    | 19882 |
| 0.5     | 0.0    | 3265  |
| 0.6     | 0.4    | 2029  |
| 0.4     | 0.3    | 2141  |
| 0.1     | 0.0    | 6679  |
| 3.1     | 2.7    | 2492  |
| 25.8    | 16.5   | 2388  |
| 0.3     | 0.0    | 1654  |
| 5.3     | 12.1   | 770   |
| 2.2     | 1.8    | 10176 |
| 2.1     | 2.1    | 5218  |
| 13830.8 | 8540.8 | 141   |
| 0.0     | 0.0    | 1905  |
| 4.7     | 4.6    | 5317  |
| 4.6     | 4.2    | 8183  |
| 7.7     | 4.5    | 20773 |
| 10.7    | 8.2    | 5280  |
| 17.0    | 18.0   | 4390  |
| 3.9     | 4.0    | 7306  |
| 0.2     | 0.0    | 818   |
| 0.3     | 0.2    | 3796  |
| 0.0     | 0.0    | 14688 |
| 0.3     | 0.0    | 966   |
| 0.2     | 0.1    | 50472 |
| 0.3     | 0.0    | 1309  |
| 2.3     | 1.6    | 888   |
| 0.3     | 0.0    | 2865  |
| 3.4     | 0.6    | 4372  |
| 0.4     | 0.0    | 2344  |
| 0.0     | 0.0    | 1669  |
| 2.8     | 0.1    | 799   |
| 8.8     | 7.5    | 19684 |
| 0.8     | 0.6    | 17219 |
| 10.3    | 10.0   | 2833  |
| 1.8     | 1.4    | 2440  |
| 1.5     | 0.5    | 10517 |
| 1.7     | 1.3    | 10944 |
| 22.0    | 15.6   | 1764  |
| 17.0    | 11.5   | 1802  |
| 1.0     | 0.0    | 1077  |
| 14.4    | 9.8    | 10802 |
| 22.5    | 21.2   | 3486  |

|      |      |       |
|------|------|-------|
| 17.5 | 15.2 | 6736  |
| 0.0  | 0.0  | 5264  |
| 0.1  | 0.0  | 10883 |
| 1.4  | 0.1  | 864   |
| 7.8  | 6.8  | 570   |
| 0.0  | 0.0  | 1078  |
| 0.2  | 0.0  | 5615  |
| 20.6 | 18.4 | 6192  |
| 0.3  | 0.1  | 2731  |
| 0.0  | 0.0  | 5631  |
| 2.6  | 2.1  | 4805  |
| 5.1  | 4.7  | 6414  |
| 0.2  | 0.0  | 6729  |
| 0.4  | 0.3  | 11671 |
| 6.4  | 4.2  | 1607  |
| 5.6  | 3.5  | 10376 |
| 0.0  | 0.0  | 8191  |
| 11.2 | 11.6 | 11319 |
| 0.0  | 0.0  | 32624 |
| 0.4  | 0.4  | 4194  |
| 5.3  | 4.8  | 14214 |
| 1.1  | 0.8  | 3383  |
| 0.1  | 0.0  | 1314  |
| 5.3  | 5.7  | 4230  |
| 1.4  | 1.2  | 14096 |
| 0.1  | 0.0  | 10729 |
| 7.7  | 10.0 | 5215  |
| 0.9  | 0.8  | 14448 |
| 0.1  | 0.0  | 1680  |
| 0.5  | 0.0  | 734   |
| 0.1  | 0.0  | 856   |
| 0.0  | 0.0  | 947   |
| 5.4  | 5.9  | 5733  |
| 0.0  | 0.0  | 6740  |
| 2.3  | 3.1  | 2411  |
| 19.8 | 11.6 | 4760  |
| 2.5  | 1.7  | 31682 |
| 0.9  | 1.1  | 4138  |
| 0.6  | 0.4  | 8488  |
| 10.2 | 5.0  | 4158  |
| 45.4 | 36.4 | 937   |
| 0.2  | 0.0  | 4540  |
| 6.6  | 7.8  | 12462 |
| 0.1  | 0.0  | 10210 |
| 1.6  | 1.7  | 2133  |
| 12.0 | 14.0 | 2300  |
| 9.8  | 5.7  | 4352  |

|       |       |       |
|-------|-------|-------|
| 0.0   | 0.0   | 2015  |
| 1.3   | 0.5   | 21643 |
| 0.1   | 0.0   | 6570  |
| 0.0   | 0.0   | 3720  |
| 1.1   | 0.4   | 5568  |
| 12.3  | 8.9   | 4170  |
| 11.2  | 6.0   | 2358  |
| 14.5  | 11.1  | 4180  |
| 7.1   | 6.4   | 4446  |
| 2.3   | 1.1   | 5024  |
| 0.4   | 0.4   | 15656 |
| 5.7   | 4.8   | 5742  |
| 1.2   | 1.5   | 2575  |
| 7.1   | 4.3   | 4578  |
| 0.3   | 0.2   | 8918  |
| 1.5   | 1.3   | 4275  |
| 0.0   | 0.0   | 1650  |
| 4.9   | 4.6   | 8961  |
| 7.0   | 5.9   | 13201 |
| 7.1   | 9.0   | 8019  |
| 0.3   | 0.0   | 1918  |
| 3.1   | 4.1   | 3029  |
| 15.4  | 22.3  | 2217  |
| 27.9  | 38.8  | 1824  |
| 25.4  | 27.7  | 3235  |
| 1.0   | 1.3   | 3463  |
| 0.4   | 0.3   | 11479 |
| 40.5  | 25.2  | 4268  |
| 0.1   | 0.0   | 4828  |
| 3.5   | 3.3   | 22492 |
| 0.7   | 0.5   | 3122  |
| 7.0   | 6.2   | 1657  |
| 0.0   | 0.0   | 13311 |
| 0.1   | 0.0   | 2760  |
| 5.1   | 0.6   | 6263  |
| 0.6   | 0.3   | 2155  |
| 9.0   | 1.5   | 1660  |
| 0.0   | 0.0   | 3940  |
| 4.0   | 3.8   | 8448  |
| 4.2   | 2.3   | 5735  |
| 3.2   | 2.6   | 1262  |
| 0.9   | 0.4   | 2810  |
| 1.8   | 0.7   | 6627  |
| 0.6   | 0.3   | 14895 |
| 0.1   | 0.0   | 3537  |
| 145.4 | 162.7 | 557   |
| 0.3   | 0.1   | 9735  |



|       |       |       |
|-------|-------|-------|
| 0.1   | 0.0   | 5485  |
| 7.0   | 6.2   | 4703  |
| 12.6  | 11.9  | 2118  |
| 6.9   | 7.5   | 4555  |
| 6.8   | 4.1   | 9851  |
| 5.8   | 3.5   | 15592 |
| 3.2   | 1.4   | 4154  |
| 0.1   | 0.0   | 9290  |
| 0.9   | 0.8   | 8634  |
| 0.1   | 0.0   | 2666  |
| 0.4   | 0.2   | 11499 |
| 0.1   | 0.1   | 3959  |
| 5.5   | 1.8   | 6245  |
| 17.6  | 15.8  | 4141  |
| 0.3   | 0.1   | 5554  |
| 0.0   | 0.0   | 670   |
| 11.5  | 11.3  | 5223  |
| 2.9   | 2.0   | 3699  |
| 0.2   | 0.0   | 3761  |
| 3.3   | 2.3   | 7150  |
| 20.5  | 19.8  | 1664  |
| 0.9   | 0.5   | 6947  |
| 0.2   | 0.0   | 4549  |
| 0.8   | 0.5   | 1332  |
| 0.1   | 0.1   | 50134 |
| 17.7  | 14.7  | 1557  |
| 0.3   | 0.0   | 1332  |
| 2.7   | 3.1   | 18583 |
| 0.8   | 0.2   | 2440  |
| 31.0  | 15.6  | 3099  |
| 2.1   | 2.4   | 3639  |
| 4.7   | 1.8   | 1420  |
| 0.3   | 0.2   | 5466  |
| 236.0 | 330.4 | 554   |
| 2.0   | 1.9   | 9375  |
| 2.9   | 1.8   | 1431  |
| 1.0   | 0.9   | 2211  |
| 0.0   | 0.0   | 291   |
| 2.1   | 2.5   | 20309 |
| 0.3   | 0.1   | 4818  |
| 8.4   | 11.0  | 4998  |
| 0.0   | 0.0   | 611   |
| 11.1  | 1.6   | 2450  |
| 2.2   | 1.9   | 6248  |
| 4.5   | 2.7   | 3546  |
| 0.5   | 0.7   | 2225  |
| 1.1   | 0.6   | 13995 |

|        |        |       |
|--------|--------|-------|
| 0.0    | 0.0    | 9907  |
| 0.1    | 0.1    | 12849 |
| 0.0    | 0.0    | 676   |
| 1.6    | 1.3    | 3198  |
| 0.7    | 0.0    | 1575  |
| 0.4    | 0.1    | 2051  |
| 59.9   | 59.1   | 3890  |
| 1.1    | 0.8    | 26830 |
| 28.3   | 18.8   | 100   |
| 5.7    | 6.6    | 1837  |
| 2.0    | 1.4    | 15150 |
| 28.9   | 30.0   | 10709 |
| 2.2    | 1.2    | 2141  |
| 4.9    | 4.7    | 3834  |
| 0.0    | 0.0    | 1143  |
| 5.6    | 2.7    | 1828  |
| 10.8   | 9.0    | 22772 |
| 1.2    | 1.3    | 8310  |
| 4.2    | 1.6    | 6158  |
| 8.1    | 4.3    | 1983  |
| 1.7    | 1.2    | 9615  |
| 0.1    | 0.0    | 1024  |
| 0.1    | 0.0    | 3763  |
| 30.1   | 35.7   | 1335  |
| 34.3   | 3.6    | 3799  |
| 4.4    | 2.4    | 2256  |
| 2.2    | 2.3    | 1712  |
| 1.7    | 1.4    | 1179  |
| 8.1    | 6.6    | 2712  |
| 2.5    | 1.4    | 11515 |
| 0.2    | 0.1    | 10891 |
| 0.6    | 0.5    | 8071  |
| 0.1    | 0.0    | 6243  |
| 3.6    | 2.7    | 4820  |
| 1.4    | 1.2    | 15663 |
| 0.0    | 0.0    | 1667  |
| 0.0    | 0.0    | 830   |
| 1551.7 | 1591.5 | 149   |
| 0.2    | 0.0    | 1278  |
| 0.8    | 0.3    | 2539  |
| 3.9    | 2.7    | 2728  |
| 8.7    | 7.4    | 17810 |
| 1.1    | 1.1    | 15959 |
| 0.0    | 0.0    | 7716  |
| 0.0    | 0.0    | 18797 |
| 0.4    | 0.2    | 29327 |
| 0.2    | 0.0    | 2533  |

|      |      |       |
|------|------|-------|
| 7.6  | 4.4  | 7133  |
| 0.2  | 0.3  | 5338  |
| 0.2  | 0.1  | 6110  |
| 0.1  | 0.0  | 2310  |
| 1.2  | 0.8  | 4098  |
| 3.0  | 1.0  | 2308  |
| 0.1  | 0.0  | 2266  |
| 0.0  | 0.0  | 4337  |
| 0.0  | 0.0  | 16956 |
| 0.0  | 0.0  | 1877  |
| 0.7  | 0.3  | 7863  |
| 0.1  | 0.0  | 5879  |
| 0.9  | 0.8  | 4203  |
| 8.2  | 7.1  | 6751  |
| 41.5 | 43.2 | 4343  |
| 0.0  | 0.0  | 5407  |
| 9.7  | 5.1  | 1943  |
| 2.8  | 0.6  | 6659  |
| 0.2  | 0.1  | 6476  |
| 0.3  | 0.1  | 6910  |
| 9.1  | 8.4  | 2412  |
| 0.0  | 0.0  | 186   |
| 0.0  | 0.0  | 6267  |
| 0.1  | 0.0  | 2008  |
| 3.1  | 1.9  | 4955  |
| 19.8 | 12.5 | 8317  |
| 0.0  | 0.0  | 1230  |
| 0.1  | 0.0  | 4427  |
| 2.2  | 2.2  | 10506 |
| 7.3  | 4.7  | 13145 |
| 0.3  | 0.4  | 738   |
| 1.3  | 1.2  | 4932  |
| 31.9 | 34.5 | 1469  |
| 0.3  | 0.0  | 608   |
| 0.3  | 0.4  | 8306  |
| 1.4  | 0.6  | 6711  |
| 1.2  | 1.0  | 5528  |
| 11.3 | 11.7 | 9071  |
| 0.0  | 0.0  | 5267  |
| 0.0  | 0.0  | 94    |
| 0.0  | 0.0  | 91    |
| 1.1  | 0.0  | 85    |
| 0.0  | 0.0  | 80    |
| 3.3  | 0.0  | 115   |
| 0.0  | 0.0  | 100   |
| 0.0  | 0.0  | 118   |
| 0.0  | 0.0  | 76    |

|     |     |       |
|-----|-----|-------|
| 0.0 | 0.0 | 111   |
| 0.0 | 0.0 | 119   |
| 0.0 | 1.3 | 79    |
| 0.0 | 0.0 | 94    |
| 0.0 | 0.0 | 73    |
| 0.0 | 0.0 | 98    |
| 0.0 | 0.0 | 68    |
| 0.0 | 0.0 | 98    |
| 0.0 | 0.0 | 80    |
| 0.0 | 0.0 | 95    |
| 0.0 | 0.0 | 83    |
| 0.0 | 0.0 | 84    |
| 0.0 | 0.0 | 88    |
| 0.0 | 0.0 | 128   |
| 1.4 | 0.8 | 19920 |
| 0.0 | 0.0 | 84    |
| 0.0 | 0.0 | 84    |
| 0.0 | 0.0 | 87    |
| 0.0 | 0.0 | 87    |
| 0.0 | 0.0 | 73    |
| 0.0 | 0.0 | 110   |
| 0.0 | 0.0 | 116   |
| 0.0 | 0.0 | 84    |
| 0.0 | 0.0 | 89    |
| 4.5 | 0.0 | 84    |
| 0.0 | 0.0 | 94    |
| 0.0 | 0.0 | 85    |
| 0.0 | 0.0 | 81    |
| 0.0 | 0.0 | 98    |
| 0.0 | 0.0 | 82    |
| 1.9 | 0.0 | 97    |
| 0.9 | 0.0 | 102   |
| 0.0 | 0.0 | 97    |
| 9.1 | 0.0 | 83    |
| 0.0 | 0.0 | 88    |
| 0.0 | 0.0 | 112   |
| 0.0 | 0.0 | 85    |
| 0.7 | 0.0 | 137   |
| 0.0 | 0.0 | 85    |
| 0.0 | 0.0 | 84    |
| 0.0 | 0.0 | 109   |
| 0.0 | 0.0 | 98    |
| 1.1 | 0.0 | 87    |
| 0.0 | 0.0 | 124   |
| 0.0 | 0.0 | 88    |
| 0.0 | 0.0 | 87    |
| 7.9 | 6.7 | 3584  |

|     |     |     |
|-----|-----|-----|
| 0.0 | 0.0 | 82  |
| 0.0 | 0.0 | 83  |
| 0.0 | 0.0 | 89  |
| 0.0 | 0.0 | 84  |
| 0.0 | 0.0 | 101 |
| 0.0 | 0.0 | 87  |
| 1.1 | 0.0 | 88  |
| 0.0 | 0.0 | 83  |
| 0.0 | 0.0 | 102 |
| 0.0 | 0.0 | 87  |
| 1.0 | 0.0 | 90  |
| 0.0 | 0.0 | 85  |
| 0.0 | 0.0 | 100 |
| 0.0 | 0.0 | 83  |
| 0.0 | 0.0 | 102 |
| 0.0 | 0.0 | 81  |
| 0.0 | 0.0 | 84  |
| 0.0 | 0.0 | 85  |
| 0.9 | 0.0 | 100 |
| 0.0 | 0.0 | 87  |
| 0.0 | 0.0 | 95  |
| 0.0 | 0.0 | 87  |
| 0.0 | 0.0 | 87  |
| 0.0 | 0.0 | 61  |
| 0.0 | 0.0 | 106 |
| 0.0 | 0.0 | 83  |
| 0.0 | 0.0 | 86  |
| 0.0 | 0.0 | 85  |
| 0.0 | 0.0 | 88  |
| 0.0 | 0.0 | 87  |
| 0.0 | 0.0 | 87  |
| 0.0 | 0.0 | 101 |
| 0.0 | 0.0 | 90  |
| 0.0 | 0.0 | 90  |
| 0.0 | 0.0 | 87  |
| 0.0 | 0.0 | 87  |
| 0.0 | 0.0 | 94  |
| 0.0 | 0.0 | 87  |
| 3.1 | 1.1 | 92  |
| 0.0 | 0.0 | 98  |
| 0.0 | 0.0 | 88  |
| 0.0 | 0.0 | 89  |
| 0.0 | 0.0 | 87  |
| 0.0 | 0.0 | 90  |
| 1.1 | 0.0 | 87  |
| 0.0 | 0.0 | 87  |
| 0.0 | 0.0 | 86  |

|     |     |     |
|-----|-----|-----|
| 0.0 | 0.0 | 71  |
| 0.0 | 0.0 | 67  |
| 0.0 | 0.0 | 89  |
| 0.0 | 0.0 | 69  |
| 0.0 | 0.0 | 90  |
| 0.0 | 0.0 | 85  |
| 0.0 | 0.0 | 85  |
| 0.0 | 0.0 | 97  |
| 0.0 | 0.0 | 65  |
| 2.1 | 0.0 | 90  |
| 0.0 | 0.0 | 88  |
| 0.0 | 0.0 | 73  |
| 0.0 | 0.0 | 85  |
| 0.0 | 0.0 | 82  |
| 0.0 | 0.0 | 111 |
| 0.0 | 0.0 | 87  |
| 0.0 | 0.0 | 99  |
| 0.0 | 0.0 | 90  |
| 0.0 | 0.0 | 99  |
| 0.0 | 0.0 | 83  |
| 0.0 | 0.0 | 87  |
| 0.0 | 0.0 | 89  |
| 1.0 | 0.0 | 95  |
| 0.0 | 0.0 | 84  |
| 5.4 | 0.0 | 88  |
| 1.1 | 3.7 | 84  |
| 0.0 | 0.0 | 91  |
| 0.0 | 0.0 | 87  |
| 0.0 | 0.0 | 84  |
| 0.0 | 0.0 | 87  |
| 0.0 | 0.0 | 82  |
| 0.0 | 0.0 | 91  |
| 0.0 | 0.0 | 85  |
| 0.0 | 0.0 | 86  |
| 0.0 | 0.0 | 85  |
| 0.0 | 0.0 | 86  |
| 0.0 | 0.0 | 90  |
| 0.0 | 0.0 | 85  |
| 0.0 | 0.0 | 114 |
| 0.0 | 0.0 | 90  |
| 0.0 | 0.0 | 88  |
| 0.0 | 0.0 | 93  |
| 0.0 | 0.0 | 87  |
| 0.0 | 0.0 | 85  |
| 0.0 | 0.0 | 80  |
| 1.5 | 0.0 | 122 |
| 0.0 | 0.0 | 87  |

|     |     |      |
|-----|-----|------|
| 0.0 | 0.0 | 84   |
| 0.0 | 0.0 | 84   |
| 0.0 | 0.0 | 86   |
| 0.0 | 0.0 | 84   |
| 0.0 | 0.0 | 82   |
| 1.3 | 0.0 | 72   |
| 0.0 | 0.0 | 86   |
| 0.0 | 0.0 | 100  |
| 0.0 | 0.0 | 71   |
| 0.0 | 0.0 | 85   |
| 0.0 | 0.0 | 83   |
| 0.0 | 0.0 | 84   |
| 0.0 | 0.0 | 79   |
| 0.0 | 0.0 | 129  |
| 0.0 | 0.0 | 127  |
| 0.0 | 0.0 | 124  |
| 0.0 | 0.0 | 94   |
| 0.0 | 0.0 | 115  |
| 0.0 | 0.0 | 94   |
| 0.0 | 0.0 | 74   |
| 0.0 | 0.0 | 98   |
| 0.0 | 0.0 | 4342 |
| 1.1 | 0.0 | 88   |
| 0.0 | 0.0 | 88   |
| 0.0 | 0.0 | 91   |
| 0.0 | 0.0 | 80   |
| 0.0 | 0.0 | 72   |
| 2.5 | 0.0 | 74   |
| 4.5 | 0.0 | 83   |
| 0.0 | 0.0 | 84   |
| 1.1 | 0.0 | 87   |
| 0.0 | 0.0 | 79   |
| 0.0 | 0.0 | 87   |
| 0.0 | 0.0 | 83   |
| 0.0 | 0.0 | 83   |
| 0.0 | 0.0 | 89   |
| 0.0 | 0.0 | 84   |
| 0.0 | 2.2 | 96   |
| 0.0 | 0.0 | 71   |
| 1.2 | 0.0 | 78   |
| 0.0 | 0.0 | 82   |
| 0.0 | 0.0 | 91   |
| 0.0 | 0.0 | 87   |
| 0.0 | 0.0 | 106  |
| 0.0 | 0.0 | 96   |
| 0.0 | 0.0 | 71   |
| 5.9 | 5.3 | 6273 |

|     |     |     |
|-----|-----|-----|
| 0.0 | 0.0 | 72  |
| 0.0 | 0.0 | 85  |
| 0.0 | 4.3 | 73  |
| 0.0 | 1.5 | 68  |
| 0.0 | 8.6 | 73  |
| 1.1 | 2.5 | 84  |
| 0.0 | 0.0 | 80  |
| 0.0 | 0.0 | 77  |
| 0.0 | 0.0 | 84  |
| 0.0 | 0.0 | 77  |
| 0.0 | 0.0 | 78  |
| 0.0 | 1.2 | 86  |
| 0.0 | 0.0 | 64  |
| 0.0 | 0.0 | 71  |
| 0.0 | 1.8 | 114 |
| 4.0 | 0.0 | 71  |
| 0.0 | 0.0 | 98  |
| 0.0 | 0.0 | 70  |
| 0.0 | 0.0 | 69  |
| 0.0 | 0.0 | 78  |
| 0.0 | 0.0 | 75  |
| 0.0 | 0.0 | 96  |
| 0.0 | 0.0 | 80  |
| 0.0 | 0.0 | 96  |
| 0.0 | 0.0 | 73  |
| 0.0 | 0.0 | 81  |
| 0.0 | 0.0 | 68  |
| 0.0 | 0.0 | 78  |
| 2.9 | 3.3 | 96  |
| 0.0 | 0.0 | 119 |
| 0.0 | 0.0 | 96  |
| 0.0 | 0.0 | 81  |
| 0.0 | 0.0 | 96  |
| 0.0 | 0.0 | 80  |
| 0.0 | 0.0 | 95  |
| 0.0 | 0.0 | 75  |
| 0.0 | 0.0 | 98  |
| 0.0 | 0.0 | 81  |
| 0.0 | 1.1 | 94  |
| 0.0 | 0.0 | 81  |
| 0.0 | 0.0 | 96  |
| 1.2 | 0.0 | 78  |
| 0.0 | 0.0 | 97  |
| 0.0 | 0.0 | 78  |
| 0.0 | 0.0 | 95  |
| 0.0 | 0.0 | 81  |
| 0.0 | 0.0 | 79  |



|      |      |      |
|------|------|------|
| 0.0  | 0.0  | 81   |
| 1.0  | 5.6  | 94   |
| 0.0  | 0.0  | 81   |
| 0.0  | 0.0  | 68   |
| 0.0  | 0.0  | 94   |
| 0.0  | 0.0  | 81   |
| 0.0  | 0.0  | 71   |
| 0.0  | 0.0  | 98   |
| 0.0  | 0.0  | 81   |
| 0.0  | 0.0  | 95   |
| 0.0  | 8.2  | 89   |
| 0.0  | 0.0  | 96   |
| 2.9  | 0.0  | 96   |
| 2.9  | 0.0  | 97   |
| 0.0  | 0.0  | 96   |
| 5.9  | 0.0  | 95   |
| 0.0  | 0.0  | 99   |
| 0.0  | 0.0  | 96   |
| 0.0  | 0.0  | 94   |
| 0.0  | 0.0  | 98   |
| 0.0  | 0.0  | 96   |
| 0.0  | 0.0  | 96   |
| 0.0  | 0.0  | 98   |
| 0.0  | 0.0  | 97   |
| 0.0  | 0.0  | 96   |
| 1.0  | 0.0  | 98   |
| 0.0  | 0.0  | 75   |
| 0.0  | 0.0  | 97   |
| 0.0  | 0.0  | 94   |
| 0.0  | 0.0  | 97   |
| 0.0  | 0.0  | 97   |
| 0.0  | 0.0  | 96   |
| 0.0  | 0.0  | 97   |
| 0.0  | 0.0  | 83   |
| 12.3 | 15.1 | 3418 |
| 1.9  | 0.0  | 97   |
| 0.0  | 0.0  | 99   |
| 0.0  | 0.0  | 97   |
| 0.0  | 0.0  | 97   |
| 1.0  | 0.0  | 97   |
| 0.0  | 0.0  | 95   |
| 0.0  | 0.0  | 97   |
| 0.9  | 0.0  | 100  |
| 0.0  | 0.0  | 96   |
| 0.0  | 0.0  | 88   |
| 0.0  | 0.0  | 77   |
| 0.0  | 0.0  | 79   |

|       |      |       |
|-------|------|-------|
| 0.0   | 0.0  | 97    |
| 0.0   | 0.0  | 83    |
| 0.0   | 0.0  | 97    |
| 0.0   | 0.0  | 95    |
| 0.0   | 0.0  | 75    |
| 0.0   | 0.0  | 97    |
| 0.0   | 0.0  | 98    |
| 0.0   | 0.0  | 91    |
| 0.0   | 0.0  | 79    |
| 0.0   | 0.0  | 78    |
| 0.0   | 0.0  | 98    |
| 0.0   | 0.0  | 78    |
| 0.0   | 0.0  | 97    |
| 0.0   | 0.0  | 77    |
| 0.0   | 0.0  | 94    |
| 0.0   | 0.0  | 79    |
| 0.0   | 0.0  | 84    |
| 0.0   | 0.0  | 83    |
| 0.0   | 0.0  | 96    |
| 0.0   | 0.0  | 77    |
| 0.0   | 0.0  | 96    |
| 0.0   | 0.0  | 77    |
| 0.0   | 0.0  | 100   |
| 0.0   | 0.0  | 84    |
| 0.0   | 0.0  | 95    |
| 0.0   | 0.0  | 79    |
| 0.0   | 0.0  | 85    |
| 0.0   | 0.0  | 96    |
| 0.0   | 0.0  | 76    |
| 0.0   | 0.0  | 67    |
| 0.0   | 0.0  | 81    |
| 0.0   | 0.0  | 82    |
| 105.5 | 32.4 | 100   |
| 0.0   | 0.0  | 88    |
| 2.1   | 0.0  | 88    |
| 0.0   | 0.0  | 95    |
| 0.0   | 0.0  | 80    |
| 0.9   | 0.7  | 11447 |
| 1.1   | 0.0  | 89    |
| 9.4   | 19.7 | 90    |
| 0.0   | 0.0  | 79    |
| 0.0   | 0.0  | 110   |
| 1.0   | 0.0  | 90    |
| 0.0   | 0.0  | 97    |
| 0.0   | 0.0  | 69    |
| 0.0   | 0.0  | 97    |
| 0.0   | 0.0  | 79    |

|     |     |    |
|-----|-----|----|
| 0.0 | 0.0 | 97 |
| 0.0 | 0.0 | 97 |
| 0.0 | 0.0 | 98 |
| 0.0 | 0.0 | 70 |
| 1.0 | 1.1 | 99 |
| 0.0 | 0.0 | 75 |
| 0.0 | 0.0 | 84 |
| 0.0 | 0.0 | 95 |
| 3.0 | 0.0 | 62 |
| 0.0 | 0.0 | 77 |
| 2.9 | 2.2 | 96 |
| 0.0 | 0.0 | 63 |
| 0.0 | 0.0 | 98 |
| 0.0 | 0.0 | 71 |
| 0.0 | 0.0 | 86 |
| 0.0 | 1.1 | 97 |
| 0.0 | 0.0 | 70 |
| 0.0 | 0.0 | 85 |
| 0.0 | 0.0 | 80 |
| 0.0 | 0.0 | 94 |
| 0.0 | 0.0 | 82 |
| 0.0 | 0.0 | 97 |
| 0.0 | 0.0 | 92 |
| 0.0 | 0.0 | 95 |
| 0.0 | 0.0 | 98 |
| 0.0 | 0.0 | 84 |
| 0.0 | 0.0 | 97 |
| 0.0 | 0.0 | 74 |
| 0.0 | 0.0 | 72 |
| 0.0 | 1.4 | 75 |
| 0.0 | 0.0 | 86 |
| 0.0 | 1.1 | 96 |
| 0.0 | 0.0 | 79 |
| 0.0 | 0.0 | 65 |
| 3.0 | 1.1 | 94 |
| 0.0 | 0.0 | 72 |
| 0.0 | 0.0 | 71 |
| 0.0 | 0.0 | 98 |
| 0.0 | 0.0 | 77 |
| 0.0 | 0.0 | 72 |
| 0.0 | 0.0 | 75 |
| 0.0 | 0.0 | 97 |
| 0.0 | 0.0 | 78 |
| 0.0 | 0.0 | 68 |
| 0.0 | 0.0 | 98 |
| 0.0 | 0.0 | 72 |
| 0.0 | 0.0 | 72 |

|     |     |      |
|-----|-----|------|
| 0.0 | 0.0 | 87   |
| 1.9 | 0.0 | 99   |
| 0.0 | 0.0 | 80   |
| 0.0 | 0.0 | 70   |
| 3.8 | 0.0 | 99   |
| 0.0 | 0.0 | 78   |
| 0.0 | 0.0 | 111  |
| 2.8 | 0.0 | 100  |
| 0.0 | 0.0 | 82   |
| 0.0 | 0.0 | 73   |
| 1.9 | 3.2 | 98   |
| 0.0 | 0.0 | 77   |
| 0.0 | 0.0 | 68   |
| 0.0 | 0.0 | 75   |
| 0.0 | 0.0 | 68   |
| 0.0 | 0.0 | 68   |
| 0.0 | 0.0 | 96   |
| 0.0 | 0.0 | 56   |
| 0.0 | 0.0 | 72   |
| 0.0 | 0.0 | 68   |
| 0.0 | 3.2 | 99   |
| 0.0 | 1.3 | 81   |
| 0.9 | 2.8 | 110  |
| 0.0 | 0.0 | 66   |
| 0.0 | 0.0 | 97   |
| 0.0 | 0.0 | 53   |
| 0.0 | 0.0 | 110  |
| 0.0 | 0.0 | 70   |
| 0.0 | 0.0 | 97   |
| 0.0 | 0.0 | 75   |
| 0.0 | 0.0 | 110  |
| 0.0 | 0.0 | 75   |
| 0.0 | 0.0 | 94   |
| 0.0 | 0.0 | 77   |
| 0.0 | 0.0 | 110  |
| 0.0 | 0.0 | 67   |
| 5.0 | 0.0 | 94   |
| 0.0 | 0.0 | 83   |
| 0.0 | 0.0 | 110  |
| 0.0 | 0.0 | 67   |
| 0.0 | 0.0 | 94   |
| 1.0 | 0.0 | 91   |
| 0.0 | 0.0 | 110  |
| 0.0 | 0.0 | 69   |
| 1.0 | 0.0 | 96   |
| 2.2 | 8.5 | 86   |
| 0.1 | 0.0 | 2544 |

|       |       |      |
|-------|-------|------|
| 0.0   | 0.0   | 110  |
| 0.0   | 0.0   | 64   |
| 0.0   | 0.0   | 94   |
| 0.0   | 0.0   | 83   |
| 0.0   | 0.0   | 110  |
| 0.0   | 0.0   | 68   |
| 0.0   | 0.0   | 97   |
| 6.9   | 3.8   | 82   |
| 0.0   | 0.0   | 110  |
| 0.0   | 0.0   | 69   |
| 0.0   | 0.0   | 97   |
| 1.0   | 0.0   | 94   |
| 0.0   | 0.0   | 110  |
| 1.4   | 0.0   | 66   |
| 0.0   | 0.0   | 98   |
| 0.0   | 0.0   | 110  |
| 0.0   | 0.0   | 67   |
| 0.0   | 0.0   | 97   |
| 0.0   | 0.0   | 109  |
| 0.0   | 0.0   | 61   |
| 1.1   | 1.2   | 89   |
| 0.0   | 0.0   | 110  |
| 0.0   | 0.0   | 75   |
| 4.0   | 0.0   | 95   |
| 0.0   | 0.0   | 86   |
| 0.0   | 0.0   | 110  |
| 0.0   | 0.0   | 76   |
| 0.0   | 2.2   | 97   |
| 0.0   | 0.0   | 94   |
| 2.6   | 2.8   | 110  |
| 0.0   | 0.0   | 73   |
| 173.2 | 138.1 | 93   |
| 0.0   | 0.0   | 88   |
| 0.0   | 0.0   | 110  |
| 0.0   | 0.0   | 97   |
| 0.0   | 0.0   | 66   |
| 0.0   | 0.0   | 110  |
| 0.0   | 0.0   | 96   |
| 12.1  | 11.7  | 5967 |
| 0.0   | 0.0   | 110  |
| 0.0   | 2.2   | 96   |
| 0.0   | 0.9   | 110  |
| 0.0   | 0.0   | 81   |
| 0.0   | 1.2   | 90   |
| 0.0   | 0.0   | 110  |
| 0.0   | 0.0   | 97   |
| 0.0   | 0.9   | 110  |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 78    |
| 0.0  | 0.0  | 110   |
| 0.0  | 0.0  | 96    |
| 0.9  | 0.0  | 110   |
| 0.0  | 0.0  | 98    |
| 0.0  | 0.0  | 110   |
| 1.9  | 0.0  | 100   |
| 0.0  | 0.0  | 4648  |
| 0.9  | 0.0  | 110   |
| 0.0  | 0.0  | 95    |
| 0.0  | 0.0  | 97    |
| 0.0  | 0.0  | 110   |
| 0.0  | 0.0  | 94    |
| 0.0  | 0.0  | 97    |
| 0.0  | 0.0  | 110   |
| 0.0  | 0.0  | 75    |
| 1.1  | 0.0  | 85    |
| 0.0  | 0.0  | 110   |
| 1.0  | 0.0  | 99    |
| 0.0  | 0.0  | 97    |
| 0.0  | 0.0  | 110   |
| 0.0  | 0.0  | 93    |
| 0.0  | 0.0  | 86    |
| 1.7  | 0.0  | 110   |
| 0.0  | 0.0  | 95    |
| 0.0  | 0.0  | 110   |
| 0.0  | 0.0  | 90    |
| 0.0  | 0.0  | 110   |
| 0.0  | 0.0  | 97    |
| 0.0  | 1.3  | 81    |
| 0.0  | 2.1  | 99    |
| 0.0  | 0.0  | 95    |
| 0.0  | 0.0  | 94    |
| 0.0  | 0.0  | 88    |
| 0.0  | 0.0  | 83    |
| 2.4  | 0.0  | 118   |
| 1.4  | 0.0  | 67    |
| 0.0  | 0.0  | 66    |
| 0.0  | 0.0  | 94    |
| 0.0  | 0.0  | 109   |
| 0.0  | 0.0  | 3884  |
| 8.5  | 8.7  | 1747  |
| 0.2  | 0.1  | 2983  |
| 1.2  | 0.8  | 11273 |
| 0.0  | 0.0  | 3151  |
| 18.6 | 12.2 | 10964 |
| 1.6  | 1.4  | 12732 |

|         |         |       |
|---------|---------|-------|
| 26.7    | 26.3    | 3118  |
| 0.0     | 0.0     | 97    |
| 1.4     | 0.0     | 940   |
| 29.5    | 28.0    | 2419  |
| 0.2     | 0.0     | 1016  |
| 12.6    | 17.1    | 3068  |
| 0.4     | 0.0     | 1764  |
| 18.9    | 19.2    | 1886  |
| 8.0     | 5.8     | 5524  |
| 0.3     | 0.0     | 1863  |
| 0.2     | 0.2     | 4548  |
| 0.1     | 0.0     | 7323  |
| 0.0     | 0.0     | 2095  |
| 3.4     | 2.7     | 3019  |
| 298.1   | 220.8   | 4158  |
| 0.1     | 0.3     | 11818 |
| 51.3    | 57.8    | 4304  |
| 1.1     | 1.5     | 903   |
| 0.0     | 0.0     | 1464  |
| 3.7     | 3.6     | 18663 |
| 0.1     | 0.0     | 1730  |
| 1.0     | 0.4     | 9234  |
| 0.2     | 0.1     | 9300  |
| 0.1     | 0.0     | 2633  |
| 15.2    | 9.8     | 8643  |
| 0.0     | 0.0     | 5308  |
| 14.3    | 5.8     | 1913  |
| 0.6     | 0.8     | 9706  |
| 0.1     | 0.3     | 9303  |
| 0.0     | 0.0     | 11805 |
| 4.2     | 2.1     | 6029  |
| 0.5     | 0.0     | 3952  |
| 5.8     | 5.7     | 7769  |
| 0.0     | 0.0     | 8274  |
| 0.7     | 0.2     | 22149 |
| 0.0     | 0.0     | 4529  |
| 10.1    | 9.1     | 6003  |
| 1.4     | 1.5     | 22628 |
| 4.9     | 5.4     | 2955  |
| 2.5     | 1.9     | 5820  |
| 0.1     | 0.0     | 933   |
| 15.5    | 17.8    | 6762  |
| 21.1    | 23.8    | 5184  |
| 11.7    | 8.7     | 9300  |
| 9095.6  | 13059.9 | 164   |
| 54.5    | 70.2    | 1022  |
| 11219.2 | 17830.7 | 164   |

|         |         |       |
|---------|---------|-------|
| 13762.6 | 29498.2 | 164   |
| 0.1     | 0.0     | 11403 |
| 18635.7 | 13003.3 | 164   |
| 30105.3 | 19093.3 | 164   |
| 0.1     | 0.0     | 8923  |
| 0.1     | 0.0     | 4973  |
| 0.8     | 0.9     | 9538  |
| 6.0     | 4.7     | 7170  |
| 1.3     | 1.1     | 10037 |
| 10.1    | 8.5     | 16191 |
| 4.6     | 3.7     | 9994  |
| 0.7     | 0.6     | 8221  |
| 2.7     | 1.7     | 9593  |
| 1.6     | 0.8     | 1660  |
| 0.1     | 0.0     | 3252  |
| 0.6     | 0.2     | 7800  |
| 39.2    | 34.3    | 6133  |
| 0.2     | 0.0     | 8897  |
| 5.7     | 1.9     | 54246 |
| 0.0     | 0.0     | 512   |
| 5.1     | 2.8     | 13720 |
| 2.1     | 1.3     | 1874  |
| 4.4     | 4.0     | 7428  |
| 24.1    | 28.8    | 787   |
| 0.6     | 0.3     | 16807 |
| 11.3    | 7.0     | 6488  |
| 8.5     | 7.4     | 13035 |
| 0.3     | 0.1     | 7693  |
| 0.3     | 0.0     | 6095  |
| 0.1     | 0.0     | 701   |
| 2.6     | 1.0     | 716   |
| 0.8     | 0.8     | 9146  |
| 0.1     | 0.0     | 1749  |
| 0.5     | 0.2     | 14890 |
| 125.1   | 129.4   | 3651  |
| 0.0     | 0.0     | 1171  |
| 4.4     | 5.3     | 24718 |
| 4.7     | 3.0     | 3110  |
| 3.7     | 1.7     | 15745 |
| 34.0    | 25.7    | 621   |
| 1.0     | 0.2     | 5645  |
| 13.3    | 9.2     | 3348  |
| 48.3    | 70.0    | 1128  |
| 9.5     | 5.2     | 4006  |
| 0.2     | 0.1     | 1376  |
| 0.5     | 0.0     | 1282  |
| 0.1     | 0.0     | 10387 |



|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 4371  |
| 1.3  | 1.7  | 2542  |
| 0.6  | 0.1  | 1739  |
| 1.2  | 1.5  | 2321  |
| 4.9  | 3.6  | 10520 |
| 2.9  | 1.1  | 1324  |
| 0.0  | 0.0  | 12994 |
| 2.2  | 1.8  | 10651 |
| 1.6  | 0.7  | 42460 |
| 1.5  | 0.9  | 4265  |
| 2.4  | 1.3  | 16321 |
| 0.9  | 0.3  | 2465  |
| 0.5  | 0.4  | 5204  |
| 0.0  | 0.1  | 3604  |
| 0.0  | 0.0  | 4893  |
| 0.1  | 0.0  | 8356  |
| 2.5  | 2.3  | 4562  |
| 3.4  | 2.7  | 11576 |
| 12.4 | 10.3 | 2321  |
| 0.1  | 0.1  | 2622  |
| 0.5  | 0.0  | 1989  |
| 0.0  | 0.0  | 978   |
| 0.2  | 0.0  | 576   |
| 0.3  | 0.1  | 3452  |
| 3.7  | 4.9  | 2000  |
| 1.1  | 0.8  | 21551 |
| 1.5  | 1.4  | 8997  |
| 0.0  | 0.1  | 18111 |
| 0.2  | 0.0  | 37653 |
| 0.2  | 0.0  | 2648  |
| 2.0  | 1.2  | 5082  |
| 0.2  | 0.0  | 2484  |
| 5.8  | 3.8  | 4383  |
| 6.2  | 3.5  | 3365  |
| 9.4  | 6.7  | 1642  |
| 15.1 | 11.3 | 2084  |
| 0.6  | 0.0  | 1509  |
| 0.0  | 0.0  | 11255 |
| 0.0  | 0.0  | 1456  |
| 3.7  | 2.4  | 13041 |
| 0.0  | 0.0  | 1588  |
| 6.2  | 3.4  | 21959 |
| 0.0  | 0.0  | 65    |
| 0.0  | 0.0  | 72    |
| 0.3  | 0.2  | 2405  |
| 0.0  | 0.0  | 69    |
| 0.0  | 0.0  | 79    |

|     |      |      |
|-----|------|------|
| 3.2 | 3.2  | 2837 |
| 0.0 | 0.0  | 88   |
| 5.4 | 2.2  | 7662 |
| 0.0 | 0.0  | 92   |
| 0.0 | 0.0  | 86   |
| 0.0 | 0.0  | 73   |
| 0.0 | 0.0  | 86   |
| 0.0 | 0.0  | 82   |
| 0.0 | 0.0  | 86   |
| 0.0 | 0.0  | 92   |
| 0.0 | 0.0  | 87   |
| 0.7 | 1.5  | 138  |
| 0.0 | 0.0  | 86   |
| 0.0 | 0.0  | 83   |
| 0.0 | 0.0  | 98   |
| 0.0 | 0.0  | 112  |
| 0.0 | 0.0  | 2200 |
| 0.0 | 0.0  | 91   |
| 0.0 | 0.0  | 59   |
| 0.0 | 0.0  | 85   |
| 0.0 | 0.0  | 91   |
| 0.3 | 0.0  | 2258 |
| 0.0 | 0.0  | 91   |
| 0.0 | 0.0  | 91   |
| 4.1 | 0.0  | 69   |
| 7.0 | 29.6 | 81   |
| 0.0 | 0.0  | 97   |
| 0.0 | 0.0  | 89   |
| 1.3 | 0.0  | 75   |
| 0.5 | 0.9  | 2621 |
| 0.0 | 1.2  | 88   |
| 0.0 | 0.0  | 73   |
| 2.7 | 1.5  | 69   |
| 4.1 | 1.1  | 92   |
| 0.0 | 0.0  | 84   |
| 3.7 | 1.0  | 102  |
| 0.9 | 0.0  | 102  |
| 0.0 | 0.0  | 83   |
| 0.0 | 0.0  | 76   |
| 0.0 | 0.0  | 83   |
| 0.0 | 0.0  | 85   |
| 4.1 | 1.8  | 115  |
| 2.8 | 1.6  | 67   |
| 0.9 | 0.5  | 3314 |
| 1.5 | 0.0  | 63   |
| 0.0 | 0.0  | 59   |
| 0.0 | 2.4  | 87   |

|      |       |       |
|------|-------|-------|
| 0.0  | 0.0   | 73    |
| 0.0  | 0.0   | 88    |
| 0.0  | 0.0   | 112   |
| 1.1  | 0.0   | 84    |
| 0.0  | 0.0   | 88    |
| 0.0  | 0.0   | 78    |
| 4.2  | 2.3   | 90    |
| 0.0  | 0.7   | 144   |
| 0.0  | 0.0   | 111   |
| 0.0  | 0.0   | 78    |
| 86.6 | 50.4  | 87    |
| 0.0  | 0.0   | 116   |
| 0.0  | 0.0   | 71    |
| 0.0  | 0.0   | 142   |
| 0.0  | 0.0   | 79    |
| 0.0  | 0.0   | 77    |
| 0.0  | 0.0   | 83    |
| 0.0  | 0.0   | 86    |
| 0.0  | 0.0   | 143   |
| 0.0  | 0.0   | 138   |
| 0.0  | 0.0   | 150   |
| 1.9  | 0.0   | 150   |
| 0.0  | 0.0   | 90    |
| 0.0  | 0.0   | 72    |
| 0.0  | 0.0   | 128   |
| 0.0  | 0.0   | 86    |
| 6.2  | 1.1   | 91    |
| 0.0  | 0.0   | 86    |
| 0.0  | 0.0   | 93    |
| 0.6  | 0.0   | 1514  |
| 0.0  | 0.0   | 84    |
| 0.0  | 0.0   | 98    |
| 0.0  | 0.0   | 87    |
| 0.0  | 0.0   | 105   |
| 1.1  | 0.0   | 86    |
| 0.0  | 0.0   | 70    |
| 0.0  | 0.0   | 73    |
| 0.0  | 0.0   | 136   |
| 78.2 | 111.3 | 106   |
| 0.0  | 0.0   | 66    |
| 1.7  | 0.0   | 113   |
| 0.0  | 0.0   | 70    |
| 0.1  | 0.1   | 10251 |
| 0.0  | 0.0   | 105   |
| 5.8  | 2.2   | 97    |
| 0.0  | 0.0   | 113   |
| 0.0  | 0.0   | 119   |

|      |      |      |
|------|------|------|
| 0.0  | 0.0  | 117  |
| 0.0  | 0.0  | 73   |
| 0.0  | 0.0  | 73   |
| 0.0  | 0.0  | 89   |
| 0.0  | 0.0  | 82   |
| 0.0  | 0.0  | 93   |
| 0.0  | 0.0  | 86   |
| 0.0  | 0.0  | 75   |
| 0.0  | 0.0  | 86   |
| 0.0  | 0.0  | 86   |
| 0.8  | 0.0  | 114  |
| 0.0  | 0.0  | 84   |
| 0.0  | 0.0  | 78   |
| 0.0  | 0.0  | 52   |
| 0.0  | 0.0  | 105  |
| 0.0  | 0.0  | 129  |
| 10.1 | 4.1  | 103  |
| 0.0  | 0.0  | 102  |
| 0.0  | 0.0  | 88   |
| 0.0  | 0.0  | 118  |
| 0.0  | 0.0  | 111  |
| 4.3  | 2.5  | 7964 |
| 0.0  | 0.0  | 80   |
| 0.0  | 0.0  | 83   |
| 5.1  | 2.8  | 4641 |
| 0.0  | 0.0  | 72   |
| 0.0  | 0.0  | 51   |
| 0.0  | 0.0  | 78   |
| 0.0  | 0.0  | 84   |
| 0.0  | 0.0  | 149  |
| 0.0  | 0.0  | 149  |
| 0.0  | 0.0  | 149  |
| 0.0  | 0.0  | 77   |
| 0.0  | 0.0  | 81   |
| 0.0  | 0.0  | 62   |
| 0.1  | 0.0  | 6066 |
| 1.7  | 0.0  | 54   |
| 1.9  | 14.5 | 101  |
| 0.0  | 0.0  | 87   |
| 0.0  | 0.0  | 120  |
| 0.0  | 0.0  | 75   |
| 1.4  | 0.0  | 66   |
| 0.0  | 0.0  | 65   |
| 0.0  | 0.0  | 63   |
| 0.5  | 0.3  | 5507 |
| 0.0  | 0.0  | 67   |
| 0.0  | 0.0  | 94   |

|      |     |       |
|------|-----|-------|
| 1.1  | 4.9 | 85    |
| 0.0  | 0.0 | 149   |
| 0.0  | 0.0 | 84    |
| 0.0  | 0.0 | 84    |
| 0.0  | 0.0 | 79    |
| 0.0  | 0.0 | 71    |
| 0.0  | 0.0 | 110   |
| 0.0  | 0.0 | 16480 |
| 0.0  | 0.0 | 88    |
| 0.0  | 0.0 | 96    |
| 0.0  | 0.0 | 47    |
| 0.0  | 0.0 | 61    |
| 0.0  | 0.0 | 57    |
| 0.0  | 0.0 | 61    |
| 0.0  | 0.0 | 61    |
| 0.0  | 0.0 | 50    |
| 0.0  | 0.0 | 62    |
| 0.0  | 0.0 | 62    |
| 0.0  | 0.0 | 48    |
| 0.0  | 0.0 | 50    |
| 0.0  | 0.0 | 48    |
| 0.0  | 0.0 | 53    |
| 0.0  | 0.0 | 66    |
| 2.4  | 0.0 | 80    |
| 1.2  | 0.0 | 80    |
| 0.0  | 0.0 | 80    |
| 0.0  | 0.0 | 80    |
| 0.0  | 0.0 | 80    |
| 0.0  | 0.0 | 80    |
| 1.2  | 0.0 | 80    |
| 0.0  | 0.0 | 80    |
| 0.0  | 0.0 | 44    |
| 0.0  | 0.0 | 52    |
| 0.0  | 0.0 | 55    |
| 0.0  | 0.0 | 91    |
| 0.0  | 0.0 | 1652  |
| 0.0  | 0.0 | 49    |
| 6.3  | 0.0 | 75    |
| 0.0  | 0.0 | 80    |
| 0.0  | 0.0 | 100   |
| 14.1 | 0.0 | 80    |
| 0.0  | 0.0 | 80    |
| 0.0  | 0.0 | 100   |
| 0.0  | 0.0 | 89    |
| 0.0  | 1.1 | 93    |
| 4.9  | 0.0 | 96    |
| 0.0  | 5.5 | 76    |

|      |      |       |
|------|------|-------|
| 11.9 | 12.0 | 2319  |
| 0.0  | 0.0  | 70    |
| 2.6  | 1.6  | 85562 |
| 0.3  | 0.1  | 5135  |
| 8.4  | 4.7  | 6308  |
| 1.1  | 0.3  | 1578  |
| 8.9  | 6.4  | 1839  |
| 0.8  | 0.3  | 940   |
| 0.1  | 0.0  | 3069  |
| 0.0  | 0.0  | 940   |
| 3.7  | 9.5  | 916   |
| 1.5  | 0.5  | 4140  |
| 0.5  | 0.6  | 5529  |
| 2.8  | 2.3  | 11761 |
| 3.3  | 3.0  | 30348 |
| 0.2  | 0.0  | 4283  |
| 0.3  | 0.2  | 5552  |
| 0.1  | 0.0  | 3216  |
| 1.9  | 1.1  | 20562 |
| 7.3  | 3.1  | 2707  |
| 0.4  | 0.3  | 8388  |
| 1.1  | 0.8  | 3028  |
| 0.2  | 0.0  | 1503  |
| 0.3  | 0.5  | 3213  |
| 1.2  | 0.5  | 3406  |
| 1.0  | 0.9  | 4221  |
| 4.0  | 1.0  | 2287  |
| 0.1  | 0.0  | 17864 |
| 0.2  | 0.0  | 5760  |
| 0.3  | 0.0  | 6521  |
| 10.2 | 10.2 | 4928  |
| 6.5  | 4.2  | 27764 |
| 2.0  | 1.3  | 8635  |
| 3.8  | 3.9  | 15186 |
| 1.3  | 0.3  | 6491  |
| 0.3  | 0.0  | 4738  |
| 1.1  | 1.6  | 33768 |
| 17.9 | 11.8 | 5259  |
| 0.0  | 0.0  | 12901 |
| 0.5  | 0.4  | 1172  |
| 1.9  | 1.8  | 15584 |
| 2.0  | 1.1  | 2474  |
| 0.2  | 0.0  | 1862  |
| 5.2  | 4.9  | 2591  |
| 0.1  | 0.0  | 7457  |
| 2.7  | 2.2  | 11047 |
| 0.3  | 0.0  | 1711  |

|       |       |       |
|-------|-------|-------|
| 2.5   | 2.4   | 12180 |
| 0.2   | 0.0   | 6643  |
| 2.6   | 0.7   | 2152  |
| 5.8   | 2.3   | 9106  |
| 0.1   | 0.0   | 16003 |
| 1.0   | 0.1   | 2606  |
| 2.4   | 2.2   | 860   |
| 3.4   | 5.0   | 4689  |
| 0.4   | 0.1   | 60924 |
| 6.2   | 5.8   | 4469  |
| 28.4  | 28.5  | 2438  |
| 0.0   | 0.0   | 4554  |
| 11.5  | 9.0   | 5797  |
| 18.1  | 29.9  | 2170  |
| 4.9   | 4.4   | 9525  |
| 13.6  | 8.5   | 7321  |
| 0.1   | 0.0   | 9576  |
| 1.0   | 0.6   | 12850 |
| 0.1   | 0.1   | 3953  |
| 3.8   | 4.0   | 1790  |
| 1.4   | 1.1   | 15965 |
| 0.0   | 0.0   | 6895  |
| 0.1   | 0.0   | 4574  |
| 7.5   | 5.6   | 11346 |
| 7.8   | 4.1   | 14279 |
| 9.9   | 6.2   | 2379  |
| 0.8   | 0.6   | 7196  |
| 6.4   | 5.5   | 10053 |
| 0.0   | 0.0   | 1405  |
| 12.6  | 9.2   | 1031  |
| 19.9  | 18.6  | 3639  |
| 0.1   | 0.0   | 4688  |
| 1.1   | 0.6   | 1639  |
| 0.8   | 0.7   | 16857 |
| 1.8   | 0.9   | 3658  |
| 0.0   | 0.0   | 766   |
| 18.8  | 15.8  | 6773  |
| 23.9  | 25.6  | 1977  |
| 31.5  | 34.4  | 1342  |
| 495.0 | 630.3 | 437   |
| 0.0   | 0.0   | 4291  |
| 1.3   | 0.7   | 5777  |
| 6.2   | 3.7   | 2892  |
| 37.6  | 32.0  | 4653  |
| 0.0   | 0.0   | 5296  |
| 0.8   | 0.6   | 1608  |
| 0.1   | 0.0   | 3756  |

|      |      |       |
|------|------|-------|
| 0.2  | 0.0  | 3597  |
| 1.6  | 1.3  | 1465  |
| 0.0  | 0.0  | 809   |
| 0.1  | 0.0  | 5333  |
| 0.1  | 0.0  | 1959  |
| 0.0  | 0.0  | 2304  |
| 7.7  | 5.8  | 9647  |
| 1.2  | 1.1  | 32892 |
| 0.1  | 0.0  | 2175  |
| 0.3  | 0.1  | 711   |
| 0.0  | 0.0  | 1048  |
| 0.0  | 0.0  | 1859  |
| 0.1  | 0.0  | 3522  |
| 0.0  | 0.0  | 2668  |
| 0.6  | 0.6  | 4113  |
| 0.0  | 0.0  | 1794  |
| 55.2 | 50.0 | 4325  |
| 58.3 | 52.8 | 3828  |
| 0.1  | 0.0  | 2681  |
| 18.3 | 18.6 | 7191  |
| 10.1 | 7.9  | 10408 |
| 0.4  | 0.2  | 9038  |
| 0.2  | 0.1  | 20530 |
| 34.0 | 18.6 | 1709  |
| 0.1  | 0.0  | 3747  |
| 23.0 | 27.1 | 1185  |
| 0.2  | 0.5  | 1300  |
| 8.0  | 7.6  | 2293  |
| 5.7  | 1.8  | 1931  |
| 0.1  | 0.0  | 2027  |
| 0.0  | 0.0  | 1706  |
| 8.2  | 3.4  | 3704  |
| 1.1  | 0.6  | 1970  |
| 0.6  | 0.7  | 2706  |
| 0.0  | 0.0  | 2732  |
| 0.2  | 0.2  | 2006  |
| 16.7 | 15.0 | 2010  |
| 0.1  | 0.2  | 1920  |
| 0.4  | 0.0  | 2229  |
| 0.3  | 0.0  | 1105  |
| 0.5  | 0.5  | 8630  |
| 0.0  | 0.0  | 1997  |
| 0.2  | 0.0  | 2085  |
| 0.1  | 0.1  | 13915 |
| 0.0  | 0.0  | 1074  |
| 0.9  | 0.0  | 849   |
| 1.2  | 1.1  | 1516  |



|      |      |       |
|------|------|-------|
| 23.1 | 24.2 | 5868  |
| 16.6 | 16.9 | 5814  |
| 16.0 | 12.5 | 2714  |
| 2.4  | 1.0  | 10025 |
| 0.3  | 0.1  | 3434  |
| 1.5  | 1.2  | 16318 |
| 0.3  | 0.2  | 8916  |
| 0.5  | 0.2  | 6438  |
| 0.1  | 0.0  | 5106  |
| 0.3  | 0.1  | 2910  |
| 0.4  | 0.4  | 4463  |
| 0.0  | 0.0  | 3449  |
| 0.8  | 0.1  | 1498  |
| 0.0  | 0.0  | 5406  |
| 0.1  | 0.0  | 2104  |
| 0.0  | 0.0  | 1180  |
| 15.1 | 14.3 | 1374  |
| 0.0  | 0.0  | 4600  |
| 0.4  | 0.3  | 2943  |
| 1.8  | 0.8  | 4909  |
| 0.0  | 0.0  | 2920  |
| 0.1  | 0.0  | 2163  |
| 0.0  | 0.1  | 3800  |
| 12.4 | 5.2  | 3165  |
| 0.2  | 0.0  | 5284  |
| 6.5  | 4.7  | 8440  |
| 0.4  | 0.2  | 4447  |
| 0.4  | 0.2  | 27194 |
| 0.7  | 0.0  | 1377  |
| 0.0  | 0.1  | 2840  |
| 4.7  | 4.8  | 13614 |
| 1.9  | 2.6  | 4078  |
| 0.2  | 0.0  | 948   |
| 1.2  | 0.8  | 15554 |
| 1.7  | 1.9  | 3597  |
| 0.0  | 0.0  | 20339 |
| 0.0  | 0.0  | 3139  |
| 0.6  | 0.4  | 44037 |
| 2.3  | 0.7  | 2552  |
| 3.7  | 2.3  | 5829  |
| 0.0  | 0.0  | 2215  |
| 0.2  | 0.0  | 6911  |
| 0.0  | 0.0  | 6366  |
| 1.2  | 0.4  | 17255 |
| 5.4  | 4.0  | 13790 |
| 2.9  | 1.8  | 1751  |
| 0.2  | 0.0  | 4277  |

|      |      |       |
|------|------|-------|
| 1.2  | 0.3  | 1927  |
| 6.9  | 3.9  | 4260  |
| 0.2  | 0.0  | 3631  |
| 3.6  | 1.8  | 5643  |
| 0.0  | 0.0  | 3088  |
| 0.8  | 0.4  | 6601  |
| 0.0  | 0.0  | 8814  |
| 5.4  | 2.6  | 7171  |
| 0.0  | 0.0  | 5159  |
| 0.0  | 0.0  | 595   |
| 0.3  | 0.0  | 1049  |
| 0.0  | 0.0  | 11282 |
| 24.2 | 30.2 | 678   |
| 0.1  | 0.0  | 3725  |
| 47.1 | 38.8 | 11695 |
| 0.0  | 0.0  | 1054  |
| 0.0  | 0.0  | 13194 |
| 0.2  | 0.0  | 1947  |
| 3.6  | 0.8  | 6381  |
| 0.0  | 0.0  | 6916  |
| 15.0 | 12.0 | 6893  |
| 0.9  | 0.1  | 1266  |
| 0.4  | 0.0  | 1038  |
| 9.8  | 10.0 | 4392  |
| 28.1 | 22.2 | 2339  |
| 2.4  | 1.6  | 1740  |
| 19.5 | 16.6 | 2701  |
| 9.8  | 19.3 | 3223  |
| 2.9  | 2.1  | 12436 |
| 18.7 | 11.1 | 2047  |
| 0.7  | 0.8  | 3044  |
| 16.6 | 19.3 | 3431  |
| 0.0  | 0.0  | 80653 |
| 8.7  | 8.3  | 15753 |
| 0.1  | 0.0  | 6662  |
| 0.1  | 0.0  | 4947  |
| 8.8  | 7.0  | 3059  |
| 0.3  | 0.0  | 2005  |
| 8.7  | 7.4  | 7028  |
| 8.2  | 0.4  | 7032  |
| 31.4 | 16.8 | 6728  |
| 3.2  | 2.2  | 2557  |
| 0.3  | 0.1  | 5635  |
| 2.2  | 1.1  | 18369 |
| 4.1  | 1.8  | 12277 |
| 1.3  | 0.5  | 2108  |
| 2.0  | 1.7  | 19232 |

|      |      |       |
|------|------|-------|
| 0.1  | 0.0  | 9180  |
| 6.0  | 1.6  | 4907  |
| 0.8  | 0.5  | 4908  |
| 0.3  | 0.2  | 17158 |
| 0.3  | 0.3  | 20963 |
| 0.0  | 0.0  | 948   |
| 0.0  | 0.0  | 8544  |
| 1.7  | 0.0  | 1156  |
| 24.1 | 16.3 | 2114  |
| 0.0  | 0.0  | 543   |
| 2.7  | 2.6  | 29601 |
| 0.1  | 0.1  | 3696  |
| 0.1  | 0.0  | 1803  |
| 1.1  | 0.7  | 2577  |
| 1.9  | 1.5  | 5437  |
| 0.4  | 0.5  | 11665 |
| 1.0  | 1.0  | 4099  |
| 11.9 | 11.0 | 7269  |
| 0.2  | 0.3  | 1438  |
| 0.3  | 0.1  | 1479  |
| 0.4  | 0.2  | 68426 |
| 1.2  | 0.6  | 3206  |
| 1.3  | 0.9  | 6710  |
| 12.7 | 0.9  | 3229  |
| 0.1  | 0.0  | 7170  |
| 0.5  | 0.5  | 7321  |
| 0.2  | 0.0  | 2779  |
| 0.1  | 0.2  | 2332  |
| 9.8  | 6.9  | 9074  |
| 6.9  | 6.3  | 907   |
| 2.6  | 0.9  | 1731  |
| 4.2  | 3.9  | 4906  |
| 16.6 | 18.0 | 1098  |
| 3.1  | 1.2  | 7238  |
| 0.3  | 0.1  | 3212  |
| 0.3  | 0.1  | 18333 |
| 8.6  | 8.1  | 3334  |
| 0.5  | 0.0  | 1264  |
| 1.2  | 0.6  | 4633  |
| 1.1  | 0.5  | 12351 |
| 0.0  | 0.0  | 2923  |
| 0.0  | 0.0  | 1814  |
| 0.0  | 0.0  | 2146  |
| 0.0  | 0.0  | 4039  |
| 4.8  | 2.3  | 4193  |
| 0.0  | 0.0  | 1021  |
| 1.7  | 0.9  | 16444 |

|      |      |       |
|------|------|-------|
| 0.2  | 0.1  | 5913  |
| 0.0  | 0.0  | 8604  |
| 0.7  | 0.4  | 28553 |
| 0.0  | 0.0  | 626   |
| 0.0  | 0.0  | 816   |
| 0.0  | 0.0  | 584   |
| 0.0  | 0.0  | 583   |
| 1.7  | 0.4  | 13758 |
| 0.2  | 0.1  | 8608  |
| 6.8  | 6.2  | 3835  |
| 8.7  | 5.1  | 7018  |
| 0.1  | 0.1  | 7213  |
| 0.0  | 0.0  | 1956  |
| 0.0  | 0.0  | 6136  |
| 3.1  | 1.4  | 9087  |
| 2.7  | 1.6  | 35236 |
| 1.3  | 0.0  | 1149  |
| 9.2  | 9.7  | 3250  |
| 0.2  | 0.0  | 3056  |
| 0.7  | 0.2  | 2542  |
| 0.4  | 0.1  | 2098  |
| 0.2  | 0.0  | 5937  |
| 0.0  | 0.0  | 6012  |
| 2.8  | 3.1  | 3163  |
| 1.2  | 0.3  | 2105  |
| 2.5  | 1.7  | 5047  |
| 0.5  | 0.6  | 3183  |
| 0.7  | 2.3  | 4242  |
| 9.1  | 6.1  | 20426 |
| 5.0  | 4.0  | 5166  |
| 0.2  | 0.0  | 2031  |
| 2.3  | 2.4  | 9166  |
| 0.3  | 0.2  | 2098  |
| 0.2  | 0.0  | 2944  |
| 1.2  | 1.2  | 6565  |
| 0.3  | 0.0  | 1745  |
| 0.1  | 0.0  | 1794  |
| 0.1  | 0.0  | 10263 |
| 0.1  | 0.1  | 17512 |
| 14.1 | 17.8 | 7510  |
| 3.0  | 2.0  | 5605  |
| 1.0  | 0.3  | 8223  |
| 4.2  | 1.6  | 2058  |
| 0.0  | 0.0  | 1812  |
| 0.0  | 0.0  | 51424 |
| 0.1  | 0.0  | 3642  |
| 1.6  | 0.5  | 3817  |

|       |       |       |
|-------|-------|-------|
| 5.0   | 2.2   | 3756  |
| 0.6   | 0.3   | 747   |
| 11.2  | 4.7   | 1683  |
| 0.1   | 0.0   | 2195  |
| 2.9   | 3.6   | 890   |
| 4.1   | 3.7   | 2341  |
| 0.0   | 0.0   | 3639  |
| 0.0   | 0.0   | 71    |
| 2.3   | 0.5   | 8217  |
| 0.0   | 0.0   | 3530  |
| 40.8  | 47.3  | 2816  |
| 8.0   | 3.3   | 1505  |
| 0.3   | 0.0   | 866   |
| 0.1   | 0.5   | 2262  |
| 69.1  | 65.2  | 967   |
| 4.0   | 2.3   | 7664  |
| 11.2  | 9.3   | 3764  |
| 0.1   | 0.0   | 9093  |
| 1.3   | 1.4   | 5014  |
| 2.6   | 2.3   | 6745  |
| 0.3   | 0.0   | 1591  |
| 4.4   | 4.3   | 7925  |
| 1.5   | 0.7   | 27377 |
| 0.1   | 0.0   | 12291 |
| 3.4   | 3.3   | 13659 |
| 1.6   | 1.2   | 19186 |
| 2.0   | 1.6   | 7656  |
| 0.2   | 0.0   | 1193  |
| 0.2   | 0.1   | 13450 |
| 108.1 | 174.3 | 590   |
| 0.2   | 0.1   | 9847  |
| 30.5  | 23.9  | 788   |
| 0.5   | 0.2   | 21190 |
| 2.1   | 2.4   | 19279 |
| 11.5  | 7.0   | 4281  |
| 0.5   | 0.0   | 1819  |
| 0.2   | 0.0   | 5717  |
| 0.1   | 0.0   | 12756 |
| 0.0   | 0.0   | 2020  |
| 3.1   | 1.7   | 7414  |
| 0.0   | 0.1   | 712   |
| 0.2   | 0.1   | 13953 |
| 3.1   | 0.5   | 3855  |
| 0.0   | 0.0   | 11339 |
| 2.8   | 2.8   | 14649 |
| 5.9   | 1.9   | 3349  |
| 0.2   | 0.2   | 5426  |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 912   |
| 0.7  | 0.4  | 841   |
| 0.0  | 0.0  | 3063  |
| 1.1  | 0.6  | 1070  |
| 0.4  | 0.2  | 1142  |
| 7.0  | 5.5  | 16686 |
| 3.7  | 3.3  | 5519  |
| 5.1  | 2.5  | 1000  |
| 2.1  | 0.5  | 1790  |
| 0.3  | 0.0  | 1432  |
| 7.5  | 6.7  | 3012  |
| 12.8 | 6.1  | 1194  |
| 21.7 | 21.6 | 3840  |
| 9.2  | 3.9  | 1983  |
| 4.0  | 3.2  | 1614  |
| 0.3  | 0.0  | 880   |
| 0.1  | 0.0  | 1840  |
| 14.6 | 3.1  | 1424  |
| 0.2  | 0.0  | 2953  |
| 0.7  | 0.0  | 1030  |
| 0.0  | 0.0  | 1058  |
| 6.1  | 3.4  | 12172 |
| 0.6  | 0.7  | 442   |
| 0.0  | 0.0  | 1034  |
| 0.2  | 0.0  | 1084  |
| 2.0  | 1.7  | 4665  |
| 0.1  | 0.0  | 1028  |
| 0.0  | 0.0  | 652   |
| 1.4  | 1.5  | 18538 |
| 4.0  | 2.0  | 2298  |
| 0.2  | 0.0  | 1840  |
| 0.0  | 0.0  | 1071  |
| 0.1  | 0.0  | 8981  |
| 0.0  | 0.0  | 3570  |
| 0.3  | 0.1  | 2675  |
| 0.3  | 0.2  | 21183 |
| 0.4  | 0.0  | 1063  |
| 0.2  | 0.1  | 1031  |
| 0.0  | 0.0  | 978   |
| 0.2  | 0.0  | 951   |
| 0.1  | 0.0  | 1124  |
| 0.0  | 0.0  | 1840  |
| 0.3  | 0.0  | 1067  |
| 2.9  | 1.8  | 9896  |
| 0.2  | 0.0  | 5802  |
| 0.1  | 0.0  | 1840  |
| 0.0  | 0.0  | 3799  |

|       |       |       |
|-------|-------|-------|
| 0.0   | 0.0   | 1983  |
| 243.9 | 234.4 | 412   |
| 18.1  | 15.3  | 6524  |
| 0.5   | 0.2   | 1964  |
| 0.0   | 0.0   | 924   |
| 0.1   | 0.0   | 10293 |
| 31.4  | 24.3  | 1605  |
| 36.5  | 24.2  | 1614  |
| 103.9 | 123.4 | 2825  |
| 0.8   | 1.0   | 1726  |
| 0.2   | 0.0   | 912   |
| 5.6   | 3.3   | 4451  |
| 117.0 | 168.6 | 1049  |
| 0.1   | 0.0   | 1029  |
| 1.9   | 1.1   | 12520 |
| 0.0   | 0.0   | 1124  |
| 2.9   | 1.2   | 13681 |
| 1.3   | 0.7   | 43213 |
| 0.2   | 0.0   | 1096  |
| 0.0   | 0.1   | 1070  |
| 0.1   | 0.0   | 1065  |
| 0.3   | 0.0   | 1012  |
| 0.8   | 0.9   | 63560 |
| 0.3   | 0.2   | 8483  |
| 0.3   | 0.0   | 4293  |
| 10.4  | 6.9   | 4746  |
| 0.1   | 0.0   | 1071  |
| 0.0   | 0.0   | 8477  |
| 0.1   | 0.0   | 998   |
| 0.5   | 0.0   | 995   |
| 0.0   | 0.0   | 2921  |
| 0.2   | 0.0   | 3958  |
| 0.2   | 0.0   | 1037  |
| 2.2   | 1.0   | 3685  |
| 0.8   | 0.0   | 1085  |
| 0.0   | 0.0   | 1115  |
| 0.1   | 0.1   | 4443  |
| 0.0   | 0.0   | 1054  |
| 0.8   | 0.6   | 21440 |
| 2.7   | 1.6   | 30128 |
| 0.4   | 0.4   | 1420  |
| 0.1   | 0.0   | 1049  |
| 0.0   | 0.0   | 1469  |
| 0.0   | 0.0   | 2982  |
| 0.0   | 0.0   | 2459  |
| 13.4  | 7.4   | 2968  |
| 0.0   | 0.0   | 1267  |

|      |      |       |
|------|------|-------|
| 0.3  | 0.2  | 3963  |
| 1.8  | 1.9  | 5793  |
| 10.5 | 5.7  | 15058 |
| 2.7  | 1.9  | 3160  |
| 13.1 | 12.3 | 11212 |
| 5.6  | 4.2  | 3976  |
| 0.7  | 0.4  | 11073 |
| 0.3  | 0.1  | 25837 |
| 0.0  | 0.0  | 881   |
| 1.1  | 0.7  | 5084  |
| 0.0  | 0.0  | 2989  |
| 1.7  | 1.4  | 5969  |
| 0.2  | 0.0  | 2411  |
| 1.6  | 0.7  | 3000  |
| 0.4  | 0.0  | 3166  |
| 28.4 | 21.1 | 2880  |
| 1.9  | 0.3  | 3610  |
| 0.2  | 0.1  | 4410  |
| 0.0  | 0.0  | 2271  |
| 0.0  | 0.0  | 2947  |
| 0.9  | 0.9  | 2423  |
| 6.0  | 6.0  | 12045 |
| 1.3  | 0.8  | 16595 |
| 0.6  | 0.1  | 1977  |
| 0.3  | 0.0  | 1352  |
| 16.6 | 14.8 | 1137  |
| 0.0  | 0.0  | 1794  |
| 7.0  | 4.9  | 11952 |
| 8.9  | 4.7  | 4645  |
| 2.8  | 3.1  | 7655  |
| 3.5  | 0.9  | 20793 |
| 0.3  | 0.1  | 36534 |
| 0.1  | 0.0  | 13143 |
| 9.9  | 7.0  | 13930 |
| 0.2  | 0.0  | 9867  |
| 0.0  | 0.0  | 8138  |
| 0.2  | 0.0  | 8440  |
| 0.9  | 0.4  | 10057 |
| 5.7  | 3.4  | 11866 |
| 0.1  | 0.0  | 3750  |
| 1.0  | 0.9  | 7233  |
| 1.3  | 1.1  | 19194 |
| 94.2 | 38.4 | 136   |
| 1.1  | 0.0  | 88    |
| 4.2  | 3.8  | 3640  |
| 0.2  | 0.1  | 2391  |
| 2.0  | 1.8  | 11273 |



|       |       |       |
|-------|-------|-------|
| 0.1   | 0.0   | 3510  |
| 1.9   | 1.1   | 13318 |
| 1.2   | 0.7   | 3120  |
| 10.4  | 12.1  | 4549  |
| 2.8   | 1.9   | 9843  |
| 0.6   | 0.0   | 437   |
| 113.8 | 109.4 | 1715  |
| 0.1   | 0.0   | 2788  |
| 0.0   | 0.0   | 2115  |
| 0.1   | 0.0   | 1271  |
| 0.1   | 0.0   | 2364  |
| 0.0   | 0.0   | 2675  |
| 0.4   | 0.0   | 1340  |
| 0.0   | 0.0   | 816   |
| 0.3   | 0.2   | 7489  |
| 2.2   | 1.7   | 12125 |
| 0.1   | 0.0   | 936   |
| 14.6  | 11.0  | 1809  |
| 0.8   | 1.4   | 1882  |
| 0.0   | 0.0   | 13132 |
| 1.0   | 0.3   | 6294  |
| 3.5   | 2.7   | 1860  |
| 0.1   | 0.0   | 1521  |
| 0.1   | 0.0   | 1664  |
| 0.7   | 1.0   | 11823 |
| 9.0   | 6.6   | 7771  |
| 0.4   | 0.0   | 6000  |
| 0.7   | 0.1   | 2853  |
| 2.5   | 2.1   | 6944  |
| 7.1   | 0.9   | 3162  |
| 0.7   | 0.0   | 697   |
| 1.7   | 1.2   | 5093  |
| 0.3   | 0.1   | 7882  |
| 5.1   | 2.9   | 3903  |
| 0.2   | 0.2   | 3884  |
| 0.0   | 0.0   | 23475 |
| 0.0   | 0.0   | 135   |
| 0.0   | 0.0   | 432   |
| 0.6   | 0.3   | 8552  |
| 1.0   | 1.2   | 22151 |
| 2.2   | 1.8   | 3223  |
| 0.1   | 0.0   | 4702  |
| 0.2   | 0.1   | 2900  |
| 3.8   | 1.1   | 3991  |
| 0.1   | 0.1   | 40372 |
| 0.0   | 0.0   | 2659  |
| 0.0   | 0.1   | 1166  |

|       |       |       |
|-------|-------|-------|
| 0.4   | 0.3   | 6529  |
| 4.0   | 3.2   | 2718  |
| 61.1  | 60.0  | 1598  |
| 6.7   | 6.3   | 4828  |
| 0.3   | 0.1   | 3122  |
| 0.2   | 0.1   | 7841  |
| 39.9  | 34.5  | 496   |
| 24.2  | 37.7  | 452   |
| 0.2   | 0.1   | 11194 |
| 0.0   | 0.0   | 3407  |
| 7.8   | 8.6   | 4048  |
| 19.5  | 18.4  | 1884  |
| 170.3 | 164.9 | 1163  |
| 16.4  | 16.2  | 1255  |
| 2.1   | 1.5   | 10758 |
| 0.1   | 0.0   | 972   |
| 2.0   | 0.2   | 900   |
| 0.0   | 0.0   | 32688 |
| 0.2   | 0.0   | 1451  |
| 2.6   | 0.8   | 24373 |
| 0.9   | 0.3   | 6535  |
| 0.1   | 0.0   | 3167  |
| 3.6   | 2.0   | 12151 |
| 11.1  | 11.3  | 7770  |
| 0.6   | 0.4   | 34877 |
| 27.9  | 18.2  | 10185 |
| 46.5  | 51.7  | 1734  |
| 1.0   | 0.8   | 17957 |
| 0.1   | 0.0   | 4272  |
| 1.6   | 1.0   | 11995 |
| 3.8   | 3.5   | 7870  |
| 14.1  | 10.4  | 953   |
| 38.9  | 30.1  | 9223  |
| 0.0   | 0.0   | 7110  |
| 0.1   | 0.0   | 22464 |
| 0.5   | 0.3   | 8241  |
| 0.2   | 0.1   | 8452  |
| 0.7   | 0.0   | 1131  |
| 1.0   | 0.2   | 14621 |
| 0.0   | 0.0   | 82    |
| 0.0   | 0.0   | 96    |
| 0.0   | 0.0   | 96    |
| 0.0   | 0.0   | 96    |
| 0.1   | 0.0   | 4354  |
| 0.0   | 0.0   | 98    |
| 3.6   | 2.6   | 18717 |
| 2.8   | 1.7   | 10556 |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 13453 |
| 0.0  | 0.0  | 87    |
| 1.0  | 0.8  | 6395  |
| 1.3  | 0.7  | 142   |
| 14.7 | 14.6 | 13071 |
| 1.7  | 1.1  | 10568 |
| 0.0  | 0.0  | 135   |
| 0.9  | 1.3  | 13702 |
| 1.9  | 1.4  | 26011 |
| 0.3  | 0.1  | 10358 |
| 31.5 | 30.2 | 1475  |
| 6.1  | 4.2  | 9857  |
| 0.1  | 0.0  | 4840  |
| 0.4  | 0.6  | 8183  |
| 3.0  | 1.8  | 5177  |
| 1.7  | 1.5  | 13130 |
| 1.3  | 0.8  | 20036 |
| 4.7  | 3.8  | 13810 |
| 4.7  | 5.4  | 7558  |
| 1.7  | 1.0  | 14355 |
| 1.0  | 0.9  | 1727  |
| 3.6  | 2.1  | 2945  |
| 2.6  | 1.6  | 9145  |
| 2.3  | 1.6  | 8001  |
| 7.1  | 5.1  | 28957 |
| 0.1  | 0.0  | 17412 |
| 0.0  | 0.1  | 702   |
| 0.0  | 0.0  | 939   |
| 0.2  | 0.0  | 948   |
| 0.5  | 0.3  | 16362 |
| 0.9  | 0.7  | 16516 |
| 0.1  | 0.1  | 15988 |
| 0.0  | 0.0  | 4733  |
| 3.3  | 2.1  | 2483  |
| 1.1  | 1.1  | 3361  |
| 0.3  | 0.0  | 930   |
| 0.2  | 0.0  | 966   |
| 0.1  | 0.0  | 3066  |
| 7.2  | 3.6  | 3398  |
| 0.8  | 0.6  | 10782 |
| 0.8  | 0.6  | 17222 |
| 1.5  | 1.1  | 13111 |
| 0.0  | 0.0  | 4593  |
| 2.6  | 2.5  | 10540 |
| 0.7  | 0.7  | 4602  |
| 2.5  | 0.7  | 7835  |
| 0.8  | 0.3  | 1212  |

|      |      |       |
|------|------|-------|
| 0.1  | 0.0  | 8555  |
| 1.8  | 0.4  | 13052 |
| 1.4  | 0.8  | 8377  |
| 2.5  | 1.5  | 6210  |
| 1.8  | 1.4  | 5631  |
| 1.2  | 1.7  | 2255  |
| 0.2  | 0.2  | 5123  |
| 0.5  | 0.6  | 13192 |
| 0.1  | 0.1  | 9353  |
| 0.4  | 0.0  | 5331  |
| 4.9  | 6.3  | 2229  |
| 3.3  | 2.7  | 14227 |
| 0.6  | 0.3  | 11596 |
| 13.2 | 8.5  | 5973  |
| 1.2  | 1.2  | 31723 |
| 5.9  | 2.5  | 7428  |
| 0.0  | 0.0  | 8504  |
| 2.3  | 1.5  | 5375  |
| 2.1  | 2.3  | 18708 |
| 61.6 | 52.7 | 11736 |
| 7.7  | 4.8  | 15754 |
| 0.3  | 0.1  | 2074  |
| 0.2  | 0.1  | 849   |
| 0.7  | 0.0  | 135   |
| 0.0  | 0.0  | 1076  |
| 0.1  | 0.0  | 12396 |
| 2.4  | 2.4  | 16694 |
| 0.1  | 0.0  | 5269  |
| 0.1  | 0.0  | 4511  |
| 0.1  | 0.0  | 5282  |
| 1.2  | 1.9  | 3543  |
| 0.4  | 0.3  | 5368  |
| 4.2  | 2.5  | 9094  |
| 1.8  | 0.8  | 12062 |
| 1.3  | 0.6  | 17091 |
| 0.1  | 0.0  | 5476  |
| 1.6  | 0.8  | 9091  |
| 25.7 | 9.5  | 88    |
| 0.0  | 0.0  | 957   |
| 0.2  | 0.0  | 9894  |
| 19.2 | 20.8 | 1479  |
| 0.0  | 0.0  | 4549  |
| 7.0  | 5.3  | 4418  |
| 11.4 | 11.3 | 5342  |
| 0.1  | 0.0  | 27083 |
| 0.1  | 0.0  | 5941  |
| 2.9  | 2.5  | 6939  |

|      |      |       |
|------|------|-------|
| 2.1  | 0.5  | 8368  |
| 0.3  | 0.2  | 7018  |
| 7.5  | 6.3  | 3370  |
| 14.3 | 11.3 | 5680  |
| 0.0  | 0.0  | 2871  |
| 0.3  | 0.0  | 3555  |
| 0.0  | 0.0  | 1537  |
| 0.1  | 0.0  | 2548  |
| 0.0  | 0.0  | 2976  |
| 0.1  | 0.0  | 7487  |
| 0.2  | 0.3  | 5925  |
| 15.6 | 8.9  | 1753  |
| 9.9  | 8.1  | 3510  |
| 6.5  | 7.0  | 7424  |
| 0.1  | 0.0  | 1599  |
| 20.3 | 21.4 | 2017  |
| 0.4  | 0.6  | 520   |
| 0.6  | 0.4  | 4316  |
| 1.9  | 1.4  | 18786 |
| 2.0  | 1.7  | 9859  |
| 3.8  | 2.1  | 8106  |
| 15.4 | 14.9 | 11028 |
| 0.7  | 0.4  | 14615 |
| 0.1  | 0.0  | 14662 |
| 2.0  | 0.0  | 95    |
| 9.6  | 7.7  | 8626  |
| 1.4  | 1.2  | 17232 |
| 5.9  | 3.0  | 13183 |
| 0.3  | 0.0  | 4691  |
| 3.4  | 2.3  | 13223 |
| 0.3  | 0.0  | 1313  |
| 1.6  | 0.4  | 6276  |
| 10.5 | 10.2 | 5107  |
| 9.5  | 7.6  | 4773  |
| 0.4  | 0.4  | 3238  |
| 6.7  | 3.8  | 6084  |
| 0.1  | 0.0  | 21072 |
| 0.5  | 0.3  | 19891 |
| 0.1  | 0.0  | 13967 |
| 4.6  | 5.5  | 11070 |
| 1.7  | 0.8  | 3064  |
| 0.1  | 0.1  | 8626  |
| 0.7  | 0.5  | 55440 |
| 0.0  | 0.0  | 1234  |
| 0.1  | 0.0  | 22035 |
| 0.5  | 0.5  | 2540  |
| 7.9  | 3.8  | 3842  |

|      |      |        |
|------|------|--------|
| 0.2  | 0.0  | 595    |
| 0.0  | 0.0  | 1753   |
| 0.3  | 0.0  | 4185   |
| 0.4  | 0.0  | 2147   |
| 0.2  | 0.0  | 2785   |
| 0.5  | 0.4  | 4028   |
| 0.0  | 0.2  | 624    |
| 2.1  | 2.3  | 6314   |
| 3.3  | 1.4  | 14598  |
| 0.2  | 0.1  | 15562  |
| 3.2  | 2.9  | 5189   |
| 1.6  | 0.6  | 9534   |
| 1.0  | 0.7  | 6530   |
| 19.6 | 13.6 | 5455   |
| 0.0  | 0.0  | 2522   |
| 4.7  | 2.0  | 4036   |
| 0.0  | 0.0  | 1560   |
| 0.0  | 0.0  | 3714   |
| 3.3  | 3.1  | 5676   |
| 0.1  | 0.1  | 470164 |
| 0.3  | 0.1  | 4267   |
| 0.0  | 0.0  | 17990  |
| 1.0  | 0.4  | 5680   |
| 3.0  | 5.8  | 1147   |
| 0.5  | 0.4  | 5730   |
| 0.0  | 0.0  | 2928   |
| 0.0  | 0.0  | 763    |
| 4.0  | 1.4  | 8459   |
| 0.0  | 0.0  | 769    |
| 1.8  | 1.6  | 6032   |
| 11.0 | 10.6 | 3609   |
| 13.4 | 11.1 | 4648   |
| 0.3  | 0.1  | 4892   |
| 0.0  | 0.0  | 653    |
| 1.6  | 0.7  | 15247  |
| 10.0 | 10.0 | 5456   |
| 1.1  | 0.8  | 1073   |
| 0.5  | 0.0  | 3366   |
| 0.0  | 0.0  | 6855   |
| 3.9  | 3.7  | 7022   |
| 3.0  | 2.6  | 10371  |
| 28.2 | 26.6 | 384    |
| 0.2  | 0.0  | 1554   |
| 0.7  | 0.4  | 15489  |
| 5.2  | 3.5  | 13627  |
| 2.4  | 0.9  | 15407  |
| 10.3 | 6.7  | 3272   |

|      |      |       |
|------|------|-------|
| 8.8  | 8.7  | 13602 |
| 1.4  | 1.1  | 16269 |
| 0.3  | 0.0  | 3191  |
| 0.1  | 0.0  | 13975 |
| 17.8 | 17.2 | 4504  |
| 2.3  | 1.8  | 26303 |
| 0.1  | 0.1  | 3804  |
| 4.8  | 8.4  | 8341  |
| 0.1  | 0.1  | 3233  |
| 0.2  | 0.4  | 1481  |
| 9.9  | 4.7  | 5825  |
| 0.0  | 0.0  | 1921  |
| 0.1  | 0.0  | 14017 |
| 0.8  | 0.4  | 10023 |
| 9.5  | 6.5  | 2548  |
| 0.7  | 0.4  | 2411  |
| 0.2  | 0.0  | 1692  |
| 2.2  | 1.3  | 2501  |
| 1.6  | 0.9  | 4750  |
| 4.4  | 4.1  | 10844 |
| 17.5 | 11.9 | 15025 |
| 1.7  | 2.2  | 1902  |
| 0.1  | 0.0  | 1298  |
| 0.3  | 0.1  | 7171  |
| 4.9  | 3.7  | 3118  |
| 4.1  | 2.3  | 10986 |
| 3.7  | 1.5  | 1278  |
| 0.1  | 0.0  | 1146  |
| 7.7  | 6.9  | 3909  |
| 2.7  | 0.9  | 18108 |
| 0.0  | 0.0  | 981   |
| 3.7  | 3.6  | 11521 |
| 0.1  | 0.0  | 888   |
| 3.2  | 1.2  | 1313  |
| 5.2  | 3.9  | 9140  |
| 23.0 | 22.0 | 8036  |
| 5.4  | 3.0  | 4311  |
| 0.0  | 0.0  | 2738  |
| 0.1  | 0.0  | 894   |
| 1.5  | 0.0  | 900   |
| 0.1  | 0.0  | 2147  |
| 19.9 | 16.8 | 25658 |
| 0.3  | 0.0  | 1392  |
| 0.0  | 0.0  | 11128 |
| 6.1  | 4.2  | 13057 |
| 0.1  | 0.1  | 14698 |
| 0.0  | 0.0  | 3193  |

|       |       |       |
|-------|-------|-------|
| 0.3   | 0.0   | 1625  |
| 9.0   | 6.1   | 6025  |
| 9.7   | 9.8   | 8270  |
| 5.1   | 4.6   | 22577 |
| 3.1   | 2.0   | 16935 |
| 0.9   | 0.7   | 11591 |
| 14.1  | 9.9   | 4380  |
| 41.4  | 50.5  | 7935  |
| 0.1   | 0.0   | 6921  |
| 0.2   | 0.0   | 5609  |
| 1.6   | 1.1   | 10338 |
| 0.1   | 0.0   | 2861  |
| 10.2  | 9.1   | 13238 |
| 0.0   | 0.0   | 14195 |
| 0.5   | 0.0   | 1145  |
| 0.3   | 0.0   | 569   |
| 3.3   | 4.1   | 2100  |
| 1.8   | 1.5   | 10350 |
| 0.7   | 0.1   | 1105  |
| 15.9  | 3.1   | 10983 |
| 4.1   | 1.7   | 2195  |
| 0.1   | 0.0   | 980   |
| 1.4   | 1.1   | 2256  |
| 0.0   | 0.0   | 700   |
| 0.3   | 0.0   | 570   |
| 10.4  | 10.2  | 4858  |
| 56.9  | 104.4 | 824   |
| 2.2   | 1.5   | 31942 |
| 0.3   | 0.4   | 9496  |
| 0.2   | 0.1   | 1827  |
| 0.2   | 0.3   | 2907  |
| 5.0   | 5.1   | 6905  |
| 1.0   | 0.3   | 972   |
| 8.9   | 9.3   | 3638  |
| 0.1   | 0.0   | 9840  |
| 1.3   | 1.1   | 2497  |
| 181.3 | 148.9 | 2856  |
| 0.4   | 0.3   | 8721  |
| 1.9   | 1.0   | 3089  |
| 2.4   | 3.0   | 8172  |
| 1.6   | 1.7   | 4339  |
| 4.9   | 3.0   | 3779  |
| 0.1   | 0.0   | 6410  |
| 3.1   | 0.3   | 2864  |
| 0.1   | 0.0   | 5470  |
| 2.0   | 1.4   | 5287  |
| 9.5   | 5.6   | 3189  |



|       |       |       |
|-------|-------|-------|
| 0.8   | 0.7   | 36287 |
| 0.1   | 0.0   | 2450  |
| 10.9  | 7.0   | 2940  |
| 12.8  | 4.5   | 4374  |
| 11.9  | 6.3   | 3790  |
| 4.6   | 4.0   | 2213  |
| 0.2   | 0.0   | 1223  |
| 10.2  | 8.0   | 10697 |
| 1.3   | 0.6   | 29883 |
| 1.4   | 1.0   | 20140 |
| 0.0   | 0.0   | 5065  |
| 8.2   | 7.9   | 1784  |
| 0.3   | 0.0   | 17969 |
| 0.0   | 0.0   | 2831  |
| 0.5   | 0.1   | 2988  |
| 1.7   | 0.8   | 2506  |
| 4.2   | 2.4   | 3882  |
| 0.7   | 0.0   | 4622  |
| 0.0   | 0.0   | 967   |
| 0.1   | 0.0   | 1791  |
| 2.9   | 2.6   | 5949  |
| 1.1   | 0.8   | 2223  |
| 0.0   | 0.0   | 67    |
| 0.2   | 0.0   | 2502  |
| 0.0   | 0.0   | 4346  |
| 18.8  | 15.7  | 1480  |
| 20.4  | 14.9  | 2328  |
| 11.9  | 11.3  | 6346  |
| 0.1   | 0.0   | 4585  |
| 112.5 | 120.5 | 448   |
| 18.1  | 12.6  | 7478  |
| 3.0   | 2.2   | 3279  |
| 8.6   | 7.6   | 4007  |
| 22.9  | 42.9  | 921   |
| 0.0   | 0.0   | 1217  |
| 3.7   | 4.2   | 2311  |
| 6.1   | 5.0   | 10389 |
| 0.4   | 0.2   | 4942  |
| 1.1   | 0.6   | 3876  |
| 0.3   | 0.1   | 3958  |
| 0.1   | 0.0   | 2280  |
| 1.2   | 0.3   | 17403 |
| 1.3   | 1.3   | 2226  |
| 3.2   | 3.1   | 5934  |
| 0.1   | 0.2   | 3691  |
| 2.7   | 2.7   | 3757  |
| 1.8   | 1.0   | 13791 |

|         |         |       |
|---------|---------|-------|
| 6.5     | 7.7     | 9713  |
| 0.1     | 0.0     | 5973  |
| 0.7     | 0.4     | 19162 |
| 0.0     | 0.0     | 1398  |
| 9.9     | 8.7     | 4688  |
| 0.5     | 0.2     | 4803  |
| 26563.6 | 36536.6 | 277   |
| 0.9     | 0.0     | 2533  |
| 2.4     | 2.1     | 20159 |
| 2.7     | 2.2     | 18596 |
| 3.9     | 2.4     | 1947  |
| 1.0     | 0.7     | 7783  |
| 4.9     | 5.1     | 7116  |
| 0.2     | 0.0     | 16179 |
| 0.2     | 0.0     | 20088 |
| 0.1     | 0.0     | 1434  |
| 0.7     | 0.5     | 7330  |
| 3.5     | 2.9     | 31295 |
| 0.0     | 0.0     | 7503  |
| 0.3     | 0.5     | 6023  |
| 12.5    | 12.1    | 5966  |
| 24.9    | 24.8    | 3204  |
| 6.5     | 4.1     | 13340 |
| 4.2     | 2.8     | 1404  |
| 0.2     | 0.2     | 1949  |
| 2.2     | 1.5     | 8809  |
| 9.2     | 2.9     | 2244  |
| 0.5     | 0.2     | 3647  |
| 5.6     | 4.6     | 6467  |
| 3.7     | 0.0     | 1605  |
| 1.1     | 1.2     | 18520 |
| 0.6     | 0.3     | 40854 |
| 1.3     | 1.3     | 20530 |
| 0.1     | 0.0     | 1438  |
| 0.0     | 0.0     | 2099  |
| 0.3     | 0.0     | 3738  |
| 8.9     | 23.0    | 2361  |
| 21.4    | 14.7    | 3734  |
| 129.4   | 103.3   | 2932  |
| 0.0     | 0.0     | 15243 |
| 0.0     | 0.0     | 640   |
| 10.0    | 8.7     | 4582  |
| 0.2     | 0.1     | 18749 |
| 3.2     | 3.2     | 2443  |
| 0.1     | 0.0     | 1201  |
| 0.7     | 1.0     | 13554 |
| 2.3     | 1.7     | 6402  |

|       |       |       |
|-------|-------|-------|
| 2.8   | 0.9   | 1953  |
| 0.3   | 0.7   | 1892  |
| 0.1   | 0.0   | 7343  |
| 2.1   | 2.1   | 8330  |
| 0.9   | 1.1   | 7372  |
| 0.0   | 0.0   | 12094 |
| 45.3  | 41.7  | 4937  |
| 0.0   | 0.0   | 8083  |
| 6.0   | 3.0   | 7622  |
| 1.6   | 2.8   | 2460  |
| 8.7   | 5.9   | 3883  |
| 0.1   | 0.1   | 47643 |
| 19.3  | 13.9  | 13443 |
| 876.0 | 717.7 | 126   |
| 0.0   | 0.0   | 2435  |
| 4.0   | 5.0   | 2927  |
| 7.9   | 6.8   | 2196  |
| 0.4   | 0.0   | 6186  |
| 0.0   | 0.0   | 17124 |
| 0.3   | 0.0   | 1765  |
| 1.5   | 1.1   | 14008 |
| 0.2   | 0.2   | 2252  |
| 0.0   | 0.0   | 2377  |
| 0.0   | 0.0   | 5037  |
| 0.1   | 0.0   | 2022  |
| 2.6   | 1.2   | 39262 |
| 0.1   | 0.1   | 5714  |
| 0.1   | 0.0   | 4758  |
| 0.0   | 0.0   | 2775  |
| 2.3   | 1.5   | 17907 |
| 1.4   | 0.6   | 3885  |
| 0.0   | 0.0   | 1436  |
| 1.1   | 0.9   | 28119 |
| 3.2   | 5.0   | 2766  |
| 1.3   | 0.5   | 1560  |
| 1.1   | 0.8   | 12011 |
| 1.3   | 1.4   | 9581  |
| 0.0   | 0.0   | 1387  |
| 6.6   | 4.8   | 5205  |
| 1.2   | 0.8   | 34921 |
| 0.1   | 0.0   | 15053 |
| 37.8  | 54.4  | 1646  |
| 0.7   | 0.1   | 9207  |
| 2.4   | 2.3   | 3098  |
| 0.3   | 0.3   | 1980  |
| 3.9   | 4.8   | 7941  |
| 6.0   | 5.2   | 1763  |

|       |       |       |
|-------|-------|-------|
| 0.1   | 0.0   | 3928  |
| 0.5   | 0.3   | 14060 |
| 18.3  | 18.5  | 6116  |
| 9.1   | 6.4   | 6597  |
| 1.7   | 1.1   | 5298  |
| 1.9   | 1.6   | 7173  |
| 16.3  | 12.4  | 3581  |
| 53.0  | 40.1  | 2676  |
| 0.4   | 0.1   | 1805  |
| 541.0 | 604.1 | 396   |
| 53.4  | 92.5  | 702   |
| 0.0   | 0.0   | 3493  |
| 21.3  | 23.0  | 1897  |
| 0.1   | 0.0   | 3397  |
| 4.8   | 3.5   | 2668  |
| 0.1   | 0.0   | 12497 |
| 8.0   | 3.2   | 6277  |
| 0.4   | 0.3   | 3966  |
| 0.0   | 0.0   | 12518 |
| 4.0   | 2.7   | 14452 |
| 0.1   | 0.0   | 2170  |
| 0.2   | 0.0   | 2267  |
| 0.7   | 0.4   | 9573  |
| 0.7   | 0.7   | 10085 |
| 0.7   | 0.5   | 3163  |
| 0.8   | 0.5   | 7255  |
| 1.1   | 0.8   | 7512  |
| 1.5   | 0.2   | 5110  |
| 0.0   | 0.0   | 1801  |
| 10.6  | 8.9   | 2943  |
| 0.5   | 0.6   | 6711  |
| 10.9  | 11.9  | 7567  |
| 6.4   | 5.5   | 5776  |
| 7.0   | 5.7   | 3710  |
| 0.0   | 0.0   | 452   |
| 0.1   | 0.0   | 6429  |
| 0.0   | 0.0   | 786   |
| 15.9  | 13.8  | 4001  |
| 29.3  | 28.2  | 774   |
| 5.9   | 4.4   | 3307  |
| 11.5  | 11.9  | 2087  |
| 4.7   | 3.0   | 4068  |
| 5.1   | 6.7   | 24703 |
| 0.0   | 0.0   | 25147 |
| 5.4   | 3.3   | 7187  |
| 0.1   | 0.0   | 3420  |
| 0.5   | 0.1   | 1665  |

|      |      |       |
|------|------|-------|
| 0.4  | 0.3  | 1525  |
| 2.3  | 2.4  | 12882 |
| 8.6  | 10.5 | 4881  |
| 0.1  | 0.1  | 9075  |
| 0.2  | 0.1  | 9009  |
| 7.1  | 8.7  | 1561  |
| 2.3  | 1.2  | 2977  |
| 1.4  | 0.9  | 21429 |
| 11.1 | 10.3 | 1801  |
| 9.6  | 7.8  | 3165  |
| 20.2 | 20.9 | 1401  |
| 0.4  | 0.0  | 2644  |
| 25.7 | 30.5 | 1593  |
| 1.3  | 0.3  | 7806  |
| 0.0  | 0.0  | 2586  |
| 0.0  | 0.0  | 2702  |
| 1.2  | 0.4  | 9171  |
| 0.9  | 0.5  | 6229  |
| 0.0  | 0.0  | 1972  |
| 5.1  | 3.7  | 6312  |
| 0.3  | 0.2  | 11856 |
| 0.0  | 0.0  | 2735  |
| 0.0  | 0.0  | 514   |
| 4.2  | 2.8  | 3886  |
| 0.0  | 0.0  | 501   |
| 6.7  | 6.5  | 3629  |
| 4.1  | 5.4  | 18020 |
| 0.0  | 0.0  | 9935  |
| 5.0  | 5.9  | 1770  |
| 0.0  | 0.0  | 1600  |
| 0.2  | 0.0  | 2406  |
| 1.4  | 0.8  | 1378  |
| 49.0 | 43.6 | 3970  |
| 0.0  | 0.0  | 1045  |
| 0.1  | 0.0  | 1612  |
| 0.1  | 0.0  | 10075 |
| 4.0  | 2.2  | 12280 |
| 0.1  | 0.0  | 7434  |
| 0.0  | 0.0  | 3308  |
| 5.4  | 4.2  | 23598 |
| 5.1  | 3.5  | 2741  |
| 3.1  | 2.0  | 37075 |
| 41.8 | 42.3 | 3421  |
| 5.0  | 3.6  | 2633  |
| 11.7 | 10.0 | 14755 |
| 0.2  | 0.0  | 1851  |
| 1.1  | 1.0  | 1367  |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 6397  |
| 2.7  | 1.3  | 47605 |
| 1.3  | 0.3  | 6324  |
| 20.2 | 15.5 | 4626  |
| 57.6 | 56.3 | 1072  |
| 20.6 | 21.3 | 1685  |
| 0.0  | 0.0  | 3933  |
| 0.0  | 0.0  | 4354  |
| 5.6  | 4.6  | 2191  |
| 9.2  | 5.9  | 5644  |
| 0.1  | 0.0  | 5554  |
| 1.4  | 0.6  | 20222 |
| 10.8 | 9.1  | 9570  |
| 1.9  | 1.0  | 7859  |
| 0.2  | 0.0  | 2012  |
| 1.2  | 0.7  | 7273  |
| 0.1  | 0.0  | 13708 |
| 0.5  | 0.5  | 33053 |
| 2.0  | 1.1  | 7805  |
| 0.5  | 0.2  | 4411  |
| 0.8  | 0.8  | 42378 |
| 11.4 | 8.6  | 6652  |
| 5.1  | 0.7  | 12622 |
| 14.2 | 11.9 | 8636  |
| 0.0  | 0.0  | 16551 |
| 1.9  | 1.7  | 6894  |
| 0.2  | 0.2  | 6788  |
| 0.1  | 0.0  | 7218  |
| 0.5  | 0.0  | 1077  |
| 5.3  | 4.6  | 9121  |
| 0.1  | 0.0  | 2612  |
| 0.1  | 0.0  | 10349 |
| 0.4  | 0.3  | 11630 |
| 2.0  | 1.9  | 6942  |
| 2.1  | 1.9  | 14066 |
| 0.0  | 0.0  | 7943  |
| 5.6  | 3.6  | 4395  |
| 3.2  | 2.3  | 23017 |
| 0.0  | 0.0  | 10483 |
| 5.8  | 3.3  | 3293  |
| 0.4  | 0.0  | 2608  |
| 7.2  | 3.2  | 12793 |
| 0.0  | 0.0  | 4596  |
| 12.0 | 9.0  | 9234  |
| 0.0  | 0.0  | 10997 |
| 13.5 | 11.7 | 4525  |
| 0.0  | 0.0  | 1342  |

|       |       |       |
|-------|-------|-------|
| 0.0   | 0.0   | 1255  |
| 2.1   | 0.2   | 3760  |
| 8.4   | 7.0   | 21605 |
| 0.1   | 0.0   | 10530 |
| 4.5   | 3.4   | 3665  |
| 0.0   | 0.0   | 824   |
| 0.0   | 0.0   | 3667  |
| 0.1   | 0.0   | 2584  |
| 8.0   | 4.3   | 3671  |
| 3.4   | 2.7   | 5831  |
| 1.5   | 1.3   | 913   |
| 0.0   | 0.0   | 7528  |
| 0.1   | 0.0   | 2122  |
| 0.0   | 0.0   | 1255  |
| 0.4   | 0.3   | 5168  |
| 7.0   | 4.3   | 11876 |
| 73.0  | 79.4  | 8487  |
| 123.1 | 107.7 | 3506  |
| 0.1   | 0.1   | 4110  |
| 7.3   | 13.2  | 8305  |
| 0.1   | 0.0   | 921   |
| 0.1   | 0.0   | 8136  |
| 8.8   | 1.3   | 15876 |
| 1.8   | 2.6   | 7750  |
| 0.4   | 0.1   | 22541 |
| 40.7  | 41.6  | 8852  |
| 2.4   | 1.4   | 4693  |
| 0.0   | 0.0   | 1777  |
| 0.2   | 0.0   | 1307  |
| 5.8   | 1.8   | 2958  |
| 1.0   | 0.4   | 7079  |
| 7.9   | 6.7   | 1600  |
| 1.4   | 1.1   | 6290  |
| 0.0   | 0.0   | 4151  |
| 0.9   | 0.6   | 5953  |
| 16.4  | 8.9   | 9002  |
| 0.4   | 0.3   | 26057 |
| 9.2   | 4.4   | 10404 |
| 3.6   | 3.8   | 4729  |
| 36.8  | 11.6  | 1323  |
| 17.4  | 19.7  | 6955  |
| 0.3   | 0.5   | 1775  |
| 4.3   | 4.3   | 3723  |
| 7.7   | 3.3   | 25175 |
| 5.9   | 1.2   | 16968 |
| 8.3   | 8.9   | 2333  |
| 0.6   | 0.2   | 3181  |

|      |      |       |
|------|------|-------|
| 2.5  | 2.7  | 7597  |
| 0.1  | 0.0  | 3222  |
| 9.8  | 9.4  | 4023  |
| 0.0  | 0.0  | 38910 |
| 1.5  | 0.8  | 2508  |
| 1.1  | 0.8  | 57281 |
| 1.4  | 0.6  | 57242 |
| 0.1  | 0.0  | 14382 |
| 1.0  | 0.4  | 6494  |
| 2.0  | 1.5  | 9266  |
| 2.5  | 2.4  | 22141 |
| 0.3  | 0.3  | 4173  |
| 10.0 | 10.5 | 2233  |
| 6.3  | 2.4  | 12844 |
| 2.4  | 0.8  | 4522  |
| 0.8  | 0.5  | 2344  |
| 2.1  | 1.0  | 3478  |
| 3.3  | 2.1  | 4290  |
| 5.5  | 4.9  | 4061  |
| 14.2 | 12.9 | 8540  |
| 1.6  | 0.9  | 2041  |
| 2.8  | 1.4  | 5309  |
| 3.2  | 2.3  | 2403  |
| 0.0  | 0.0  | 2789  |
| 7.3  | 5.2  | 2047  |
| 2.2  | 1.0  | 3275  |
| 6.0  | 2.6  | 10391 |
| 25.2 | 23.2 | 5455  |
| 0.0  | 0.0  | 43461 |
| 0.0  | 0.0  | 20233 |
| 16.6 | 10.8 | 17263 |
| 0.4  | 0.0  | 2930  |
| 33.8 | 22.4 | 4682  |
| 13.4 | 10.9 | 7084  |
| 6.3  | 4.8  | 4671  |
| 0.1  | 0.0  | 6362  |
| 9.5  | 9.2  | 2975  |
| 1.6  | 0.7  | 2630  |
| 20.1 | 21.7 | 3601  |
| 3.6  | 2.9  | 5565  |
| 6.7  | 7.7  | 1031  |
| 0.0  | 0.0  | 14171 |
| 99.3 | 93.5 | 2933  |
| 5.9  | 2.5  | 7498  |
| 6.8  | 5.0  | 2567  |
| 0.4  | 0.2  | 32591 |
| 5.8  | 6.2  | 3795  |



|      |      |       |
|------|------|-------|
| 25.4 | 20.5 | 2949  |
| 10.8 | 7.3  | 11735 |
| 6.1  | 4.8  | 7918  |
| 29.5 | 18.6 | 9433  |
| 0.0  | 0.0  | 2257  |
| 1.1  | 1.1  | 21921 |
| 11.4 | 10.6 | 11255 |
| 2.9  | 2.2  | 18875 |
| 0.4  | 0.2  | 42794 |
| 3.4  | 1.1  | 20666 |
| 1.1  | 0.1  | 1938  |
| 0.0  | 0.0  | 2383  |
| 1.8  | 1.3  | 6416  |
| 8.7  | 8.3  | 3243  |
| 7.6  | 4.8  | 3042  |
| 1.3  | 0.3  | 4564  |
| 6.7  | 3.8  | 8594  |
| 0.3  | 0.1  | 3244  |
| 0.1  | 0.0  | 19509 |
| 0.2  | 0.2  | 3234  |
| 0.2  | 0.1  | 22171 |
| 0.1  | 0.0  | 9148  |
| 3.9  | 3.5  | 13084 |
| 6.7  | 6.1  | 3452  |
| 6.9  | 6.7  | 5531  |
| 0.7  | 0.1  | 1721  |
| 0.0  | 0.0  | 4554  |
| 0.1  | 0.1  | 1423  |
| 2.1  | 1.8  | 12189 |
| 1.0  | 0.9  | 33171 |
| 6.0  | 4.7  | 9704  |
| 1.6  | 1.4  | 23246 |
| 0.6  | 0.0  | 2431  |
| 4.1  | 3.5  | 7101  |
| 7.1  | 6.2  | 10432 |
| 7.6  | 10.1 | 5876  |
| 0.2  | 0.0  | 2122  |
| 3.0  | 1.8  | 8244  |
| 7.8  | 10.6 | 42618 |
| 0.7  | 0.4  | 3583  |
| 2.6  | 3.2  | 19257 |
| 17.5 | 25.5 | 1665  |
| 0.9  | 1.0  | 6481  |
| 0.3  | 0.2  | 5467  |
| 0.3  | 0.4  | 4140  |
| 0.9  | 1.9  | 6306  |
| 0.2  | 0.0  | 8934  |

|      |       |       |
|------|-------|-------|
| 2.5  | 1.5   | 23271 |
| 8.5  | 8.5   | 8133  |
| 13.4 | 18.0  | 2345  |
| 0.3  | 0.0   | 21054 |
| 0.1  | 0.1   | 5435  |
| 3.4  | 3.7   | 8266  |
| 88.0 | 119.8 | 1164  |
| 0.0  | 0.0   | 10007 |
| 4.6  | 1.7   | 4695  |
| 0.0  | 0.0   | 2147  |
| 6.4  | 6.1   | 9258  |
| 2.9  | 2.0   | 22929 |
| 9.4  | 5.5   | 3334  |
| 0.1  | 0.1   | 1869  |
| 0.0  | 0.0   | 1607  |
| 0.0  | 0.0   | 2240  |
| 0.8  | 0.7   | 10390 |
| 0.9  | 0.4   | 6301  |
| 40.9 | 36.4  | 1621  |
| 0.0  | 0.0   | 19472 |
| 0.3  | 0.1   | 5192  |
| 3.0  | 2.0   | 16270 |
| 0.0  | 0.0   | 136   |
| 34.9 | 30.8  | 5906  |
| 0.6  | 0.2   | 29616 |
| 0.0  | 0.0   | 7482  |
| 0.2  | 0.0   | 1509  |
| 0.1  | 0.0   | 20704 |
| 0.6  | 0.4   | 13849 |
| 0.2  | 0.0   | 1612  |
| 0.1  | 0.0   | 12286 |
| 46.4 | 52.1  | 2585  |
| 1.8  | 1.9   | 3529  |
| 2.9  | 1.4   | 4211  |
| 0.1  | 0.0   | 731   |
| 1.7  | 0.3   | 3290  |
| 0.7  | 0.3   | 3288  |
| 1.3  | 0.9   | 1209  |
| 1.0  | 1.3   | 6729  |
| 0.2  | 0.0   | 4844  |
| 11.3 | 8.4   | 3519  |
| 1.6  | 0.5   | 7687  |
| 0.2  | 0.0   | 12846 |
| 0.2  | 0.0   | 3123  |
| 0.3  | 0.1   | 13160 |
| 2.6  | 2.2   | 4896  |
| 2.4  | 2.3   | 6977  |

|      |      |       |
|------|------|-------|
| 11.5 | 7.0  | 8672  |
| 1.8  | 1.8  | 8114  |
| 0.4  | 0.2  | 663   |
| 2.6  | 2.2  | 12055 |
| 0.1  | 0.1  | 7396  |
| 2.0  | 1.3  | 24445 |
| 0.0  | 0.0  | 4321  |
| 1.1  | 0.5  | 11011 |
| 47.6 | 47.3 | 1198  |
| 2.1  | 1.6  | 13006 |
| 1.9  | 1.6  | 5178  |
| 0.4  | 0.2  | 25836 |
| 0.1  | 0.0  | 1319  |
| 6.8  | 3.6  | 4430  |
| 16.7 | 10.1 | 2777  |
| 0.6  | 0.5  | 4507  |
| 4.1  | 3.3  | 7765  |
| 2.4  | 1.3  | 1514  |
| 4.4  | 4.8  | 2863  |
| 1.1  | 0.4  | 13040 |
| 0.0  | 0.0  | 7952  |
| 1.3  | 1.2  | 15088 |
| 3.9  | 1.6  | 7929  |
| 20.4 | 22.1 | 790   |
| 3.4  | 1.6  | 7365  |
| 0.3  | 0.1  | 6448  |
| 3.5  | 2.8  | 25953 |
| 1.8  | 1.1  | 6320  |
| 2.1  | 1.8  | 22566 |
| 0.7  | 0.5  | 8467  |
| 0.7  | 0.6  | 13767 |
| 0.2  | 0.1  | 10008 |
| 0.0  | 0.0  | 7129  |
| 0.7  | 0.7  | 7127  |
| 55.6 | 46.7 | 2265  |
| 10.9 | 9.2  | 2298  |
| 12.8 | 10.1 | 3057  |
| 0.7  | 0.3  | 2776  |
| 0.0  | 0.0  | 3779  |
| 54.3 | 56.3 | 1051  |
| 1.5  | 1.0  | 20152 |
| 7.2  | 7.6  | 9275  |
| 0.1  | 0.0  | 2660  |
| 2.9  | 3.0  | 16113 |
| 7.7  | 8.1  | 8973  |
| 0.2  | 0.0  | 1152  |
| 2.4  | 0.9  | 1914  |

|       |       |       |
|-------|-------|-------|
| 0.4   | 0.5   | 10155 |
| 5.3   | 4.4   | 2913  |
| 3.0   | 0.6   | 804   |
| 0.0   | 0.0   | 2382  |
| 15.7  | 18.1  | 2739  |
| 0.2   | 0.0   | 5697  |
| 1.1   | 0.5   | 6800  |
| 5.3   | 3.4   | 29249 |
| 0.5   | 0.0   | 1595  |
| 1.0   | 0.3   | 1800  |
| 116.3 | 135.5 | 691   |
| 0.0   | 0.0   | 14374 |
| 0.8   | 0.2   | 1503  |
| 0.1   | 0.1   | 41325 |
| 1.0   | 0.0   | 545   |
| 4.0   | 3.2   | 7136  |
| 1.8   | 1.7   | 1625  |
| 3.6   | 1.5   | 25826 |
| 6.0   | 1.4   | 2479  |
| 4.3   | 3.0   | 20766 |
| 1.3   | 1.0   | 1050  |
| 0.3   | 0.0   | 1308  |
| 0.5   | 0.0   | 1303  |
| 0.2   | 0.0   | 1152  |
| 0.3   | 0.0   | 1062  |
| 124.2 | 129.4 | 1606  |
| 0.3   | 0.1   | 8697  |
| 4.7   | 1.4   | 7771  |
| 0.5   | 0.3   | 2403  |
| 0.6   | 0.5   | 10490 |
| 0.0   | 0.0   | 434   |
| 5.8   | 7.0   | 10072 |
| 2.8   | 1.4   | 11720 |
| 9.7   | 9.4   | 22216 |
| 0.0   | 0.0   | 600   |
| 14.1  | 14.6  | 15131 |
| 7.4   | 4.6   | 587   |
| 0.5   | 0.1   | 1028  |
| 0.7   | 0.1   | 3306  |
| 0.0   | 0.0   | 4760  |
| 0.0   | 0.0   | 590   |
| 0.5   | 0.1   | 1857  |
| 0.8   | 0.4   | 15862 |
| 3.2   | 1.4   | 1927  |
| 0.1   | 0.1   | 3440  |
| 277.2 | 468.9 | 579   |
| 0.1   | 0.2   | 17063 |

|        |        |       |
|--------|--------|-------|
| 0.1    | 0.0    | 6171  |
| 2.6    | 1.5    | 4678  |
| 1402.9 | 813.0  | 1555  |
| 0.7    | 0.1    | 1719  |
| 0.4    | 0.0    | 753   |
| 0.2    | 0.0    | 2207  |
| 0.0    | 0.0    | 604   |
| 1.0    | 0.6    | 6192  |
| 0.0    | 0.0    | 8057  |
| 0.3    | 0.0    | 4518  |
| 0.1    | 0.0    | 15047 |
| 7022.5 | 2979.7 | 1036  |
| 202.3  | 181.8  | 1383  |
| 2.9    | 0.5    | 1231  |
| 3.8    | 1.6    | 1739  |
| 0.2    | 0.0    | 1143  |
| 8.2    | 5.6    | 16776 |
| 3.7    | 1.6    | 26195 |
| 12.3   | 8.0    | 5376  |
| 0.0    | 0.0    | 7009  |
| 0.1    | 0.1    | 16410 |
| 237.4  | 213.3  | 1395  |
| 0.0    | 0.0    | 1494  |
| 57.3   | 54.0   | 969   |
| 6824.5 | 5731.4 | 1290  |
| 3.1    | 1.0    | 820   |
| 1.1    | 0.7    | 18530 |
| 509.4  | 290.5  | 1121  |
| 40.3   | 32.4   | 3731  |
| 1.3    | 0.6    | 5036  |
| 6.8    | 6.8    | 18393 |
| 0.1    | 0.0    | 3444  |
| 7.3    | 6.5    | 2308  |
| 0.4    | 0.0    | 1749  |
| 33.7   | 27.8   | 1877  |
| 0.1    | 0.0    | 3042  |
| 1.9    | 1.4    | 3523  |
| 0.1    | 0.0    | 6951  |
| 0.8    | 0.8    | 4593  |
| 0.4    | 0.3    | 12652 |
| 1.2    | 1.0    | 5108  |
| 0.0    | 0.0    | 1213  |
| 2.8    | 1.6    | 24972 |
| 0.0    | 0.0    | 527   |
| 0.2    | 0.0    | 776   |
| 1.5    | 1.0    | 711   |
| 0.0    | 0.0    | 731   |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 1322  |
| 15.0 | 3.2  | 1574  |
| 0.2  | 0.0  | 1675  |
| 0.2  | 0.1  | 5323  |
| 1.1  | 0.2  | 2018  |
| 5.7  | 5.8  | 6825  |
| 0.5  | 0.0  | 2922  |
| 0.4  | 0.0  | 3678  |
| 12.1 | 8.9  | 3085  |
| 1.2  | 0.5  | 12767 |
| 0.2  | 0.0  | 3314  |
| 0.1  | 0.0  | 2464  |
| 1.0  | 1.1  | 753   |
| 0.7  | 0.8  | 2155  |
| 0.2  | 0.0  | 2274  |
| 0.1  | 0.0  | 3300  |
| 0.0  | 0.0  | 2760  |
| 0.0  | 0.0  | 2295  |
| 0.1  | 0.0  | 16587 |
| 0.4  | 0.0  | 2527  |
| 0.0  | 0.0  | 981   |
| 0.3  | 0.1  | 3149  |
| 3.2  | 1.1  | 2500  |
| 1.0  | 0.6  | 1272  |
| 0.3  | 0.3  | 2737  |
| 1.9  | 0.7  | 10836 |
| 0.1  | 0.0  | 2603  |
| 1.8  | 1.4  | 2104  |
| 2.1  | 0.9  | 2863  |
| 8.6  | 0.9  | 3719  |
| 0.3  | 0.1  | 2521  |
| 0.1  | 1.0  | 818   |
| 6.3  | 5.1  | 2446  |
| 0.3  | 0.0  | 2907  |
| 2.7  | 0.7  | 3221  |
| 2.6  | 2.6  | 5681  |
| 5.1  | 0.9  | 2330  |
| 0.0  | 0.0  | 1114  |
| 2.4  | 0.6  | 7319  |
| 0.1  | 0.0  | 4931  |
| 0.2  | 0.0  | 2125  |
| 0.2  | 0.0  | 1924  |
| 20.1 | 16.4 | 1393  |
| 5.7  | 2.1  | 2743  |
| 0.4  | 0.1  | 1776  |
| 4.8  | 3.1  | 4300  |
| 0.0  | 0.0  | 2470  |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 571   |
| 0.0  | 0.0  | 1926  |
| 0.6  | 0.0  | 4250  |
| 0.3  | 0.0  | 1051  |
| 3.8  | 3.0  | 8100  |
| 0.8  | 0.0  | 445   |
| 0.2  | 0.0  | 2678  |
| 0.0  | 0.0  | 1882  |
| 0.0  | 0.0  | 2551  |
| 0.9  | 0.8  | 11074 |
| 0.2  | 0.0  | 621   |
| 0.0  | 0.0  | 3526  |
| 0.4  | 0.3  | 4056  |
| 4.0  | 1.8  | 3686  |
| 0.0  | 0.0  | 1531  |
| 0.1  | 0.0  | 1722  |
| 0.8  | 0.7  | 2551  |
| 0.2  | 0.0  | 1809  |
| 5.5  | 2.6  | 4616  |
| 0.0  | 0.0  | 515   |
| 1.8  | 0.6  | 2933  |
| 0.9  | 0.7  | 2010  |
| 0.1  | 0.0  | 3799  |
| 1.8  | 1.0  | 11337 |
| 0.4  | 0.4  | 7098  |
| 0.4  | 0.1  | 1721  |
| 0.1  | 0.0  | 709   |
| 1.3  | 0.5  | 3684  |
| 0.0  | 0.0  | 1331  |
| 10.0 | 7.8  | 11947 |
| 0.2  | 0.2  | 3083  |
| 0.1  | 0.0  | 9127  |
| 3.6  | 1.2  | 2520  |
| 0.0  | 0.0  | 1644  |
| 3.7  | 1.3  | 3646  |
| 0.2  | 0.0  | 3010  |
| 0.7  | 0.4  | 1022  |
| 0.7  | 0.4  | 5034  |
| 0.4  | 0.0  | 3214  |
| 0.0  | 0.0  | 2033  |
| 0.2  | 0.0  | 3033  |
| 18.7 | 16.7 | 7842  |
| 1.0  | 0.3  | 2300  |
| 9.3  | 1.1  | 1835  |
| 4.0  | 1.7  | 2443  |
| 9.7  | 10.8 | 2908  |
| 2.2  | 1.6  | 9935  |

|      |      |       |
|------|------|-------|
| 2.8  | 1.2  | 2387  |
| 0.0  | 0.0  | 6162  |
| 0.7  | 0.1  | 2070  |
| 12.0 | 4.8  | 1071  |
| 6.9  | 9.0  | 1371  |
| 0.0  | 0.0  | 605   |
| 0.4  | 1.7  | 483   |
| 0.0  | 0.0  | 514   |
| 1.6  | 0.4  | 2396  |
| 0.5  | 0.3  | 4313  |
| 2.1  | 2.8  | 810   |
| 0.2  | 0.0  | 3030  |
| 0.1  | 0.0  | 2265  |
| 5.1  | 4.7  | 9558  |
| 1.2  | 2.5  | 1312  |
| 0.2  | 0.0  | 5249  |
| 0.4  | 0.1  | 2702  |
| 0.1  | 0.0  | 672   |
| 4.8  | 4.2  | 10852 |
| 5.1  | 2.3  | 6797  |
| 0.4  | 0.0  | 692   |
| 0.0  | 0.0  | 1164  |
| 0.0  | 0.0  | 600   |
| 0.0  | 0.0  | 1690  |
| 0.0  | 0.0  | 1001  |
| 0.3  | 0.0  | 3001  |
| 0.1  | 0.0  | 2232  |
| 0.0  | 0.0  | 1131  |
| 0.0  | 0.0  | 1897  |
| 2.8  | 1.4  | 14769 |
| 4.5  | 3.7  | 5792  |
| 72.7 | 14.3 | 2652  |
| 0.4  | 0.1  | 2281  |
| 6.8  | 3.1  | 1970  |
| 0.9  | 0.4  | 1141  |
| 0.2  | 0.0  | 2229  |
| 0.1  | 0.2  | 1998  |
| 0.0  | 0.0  | 10729 |
| 0.3  | 0.0  | 2053  |
| 1.5  | 0.9  | 7735  |
| 0.0  | 0.0  | 3471  |
| 8.1  | 3.1  | 1396  |
| 5.5  | 5.8  | 30660 |
| 0.0  | 0.0  | 2871  |
| 4.9  | 3.6  | 3296  |
| 10.3 | 6.3  | 610   |
| 2.5  | 2.2  | 1923  |



|      |      |       |
|------|------|-------|
| 13.3 | 8.9  | 3728  |
| 0.5  | 0.0  | 1408  |
| 0.0  | 0.0  | 1492  |
| 0.7  | 0.2  | 1656  |
| 0.4  | 0.5  | 1277  |
| 1.5  | 0.5  | 2311  |
| 0.4  | 0.0  | 1756  |
| 0.5  | 0.4  | 10831 |
| 0.1  | 0.0  | 1069  |
| 10.7 | 5.4  | 2162  |
| 0.2  | 0.0  | 1573  |
| 0.0  | 0.0  | 2017  |
| 0.2  | 0.0  | 2544  |
| 0.1  | 0.3  | 1930  |
| 0.9  | 0.0  | 632   |
| 0.0  | 0.0  | 1682  |
| 1.6  | 2.0  | 4204  |
| 0.0  | 0.0  | 1625  |
| 0.0  | 0.0  | 843   |
| 0.0  | 0.0  | 1533  |
| 3.6  | 1.8  | 2316  |
| 0.1  | 0.0  | 36837 |
| 1.1  | 0.9  | 2877  |
| 0.3  | 0.0  | 571   |
| 18.4 | 6.2  | 1891  |
| 0.3  | 0.0  | 2247  |
| 1.3  | 1.3  | 21365 |
| 0.8  | 0.0  | 444   |
| 0.3  | 0.3  | 1948  |
| 1.0  | 0.1  | 3506  |
| 0.2  | 0.0  | 1153  |
| 0.0  | 0.0  | 2125  |
| 1.6  | 0.3  | 2755  |
| 1.1  | 0.5  | 1138  |
| 0.1  | 0.0  | 20587 |
| 0.3  | 0.0  | 3772  |
| 2.2  | 1.4  | 8916  |
| 0.1  | 0.0  | 4612  |
| 2.6  | 2.2  | 29953 |
| 0.4  | 0.0  | 2322  |
| 0.0  | 0.0  | 4089  |
| 0.0  | 0.0  | 1952  |
| 0.1  | 0.0  | 2129  |
| 15.2 | 11.5 | 1360  |
| 0.0  | 0.0  | 3819  |
| 0.5  | 0.0  | 789   |
| 0.1  | 0.0  | 1705  |

|      |      |       |
|------|------|-------|
| 0.1  | 0.0  | 2090  |
| 0.0  | 0.0  | 2418  |
| 3.3  | 1.7  | 2015  |
| 0.2  | 0.0  | 1598  |
| 0.1  | 0.0  | 719   |
| 0.0  | 0.0  | 9508  |
| 4.9  | 2.7  | 5892  |
| 0.5  | 0.1  | 2020  |
| 0.0  | 0.0  | 3181  |
| 0.5  | 0.0  | 1369  |
| 0.5  | 0.3  | 7924  |
| 9.8  | 4.5  | 2943  |
| 2.9  | 1.4  | 7386  |
| 3.1  | 1.5  | 3035  |
| 0.0  | 0.0  | 1753  |
| 1.7  | 1.8  | 2814  |
| 5.6  | 6.4  | 2788  |
| 2.4  | 1.1  | 1224  |
| 2.1  | 2.1  | 1511  |
| 3.8  | 4.2  | 9962  |
| 10.6 | 7.2  | 5598  |
| 0.0  | 0.0  | 3861  |
| 0.6  | 0.6  | 810   |
| 0.1  | 0.0  | 1825  |
| 17.5 | 18.2 | 3223  |
| 0.7  | 0.6  | 6117  |
| 1.1  | 0.6  | 40736 |
| 4.0  | 5.0  | 23814 |
| 0.5  | 0.6  | 6750  |
| 20.3 | 19.3 | 6506  |
| 51.2 | 25.0 | 5753  |
| 0.1  | 0.0  | 7002  |
| 2.7  | 3.4  | 7581  |
| 0.2  | 0.1  | 12468 |
| 2.6  | 1.9  | 2370  |
| 2.6  | 0.8  | 2348  |
| 0.0  | 0.0  | 954   |
| 0.0  | 0.0  | 6388  |
| 25.3 | 20.5 | 6135  |
| 9.3  | 6.5  | 4264  |
| 3.7  | 9.9  | 463   |
| 0.7  | 0.4  | 21879 |
| 0.2  | 0.0  | 1173  |
| 0.0  | 0.0  | 528   |
| 0.1  | 0.0  | 1064  |
| 0.0  | 0.0  | 1064  |
| 5.6  | 4.8  | 4573  |

|      |      |       |
|------|------|-------|
| 16.8 | 8.7  | 26947 |
| 2.5  | 1.1  | 1287  |
| 3.3  | 2.7  | 5283  |
| 0.0  | 0.0  | 2016  |
| 0.0  | 0.0  | 791   |
| 12.3 | 12.1 | 1463  |
| 0.0  | 0.0  | 1513  |
| 0.0  | 0.0  | 4450  |
| 0.0  | 0.2  | 2117  |
| 2.4  | 0.9  | 5135  |
| 9.5  | 4.8  | 5616  |
| 0.0  | 0.0  | 1089  |
| 1.1  | 1.2  | 21368 |
| 7.8  | 5.7  | 1200  |
| 10.6 | 7.5  | 1759  |
| 18.0 | 20.3 | 2396  |
| 7.2  | 1.3  | 21017 |
| 4.0  | 3.3  | 6260  |
| 0.0  | 0.0  | 1771  |
| 0.0  | 0.0  | 4166  |
| 10.2 | 4.1  | 10092 |
| 0.4  | 0.0  | 1067  |
| 5.8  | 1.9  | 2062  |
| 33.7 | 38.3 | 3254  |
| 5.9  | 7.6  | 1791  |
| 0.3  | 0.2  | 640   |
| 1.6  | 0.5  | 2043  |
| 18.1 | 15.3 | 3005  |
| 3.9  | 1.3  | 2183  |
| 3.7  | 2.6  | 16637 |
| 0.2  | 0.0  | 512   |
| 6.1  | 6.3  | 5206  |
| 0.5  | 0.7  | 4850  |
| 0.0  | 0.0  | 612   |
| 3.8  | 1.1  | 2933  |
| 13.1 | 12.5 | 5711  |
| 0.5  | 0.4  | 1459  |
| 17.6 | 11.9 | 15883 |
| 10.9 | 9.8  | 9393  |
| 7.7  | 5.8  | 6931  |
| 0.1  | 0.0  | 2454  |
| 0.0  | 0.0  | 12163 |
| 0.0  | 0.0  | 2122  |
| 0.3  | 0.0  | 930   |
| 0.4  | 0.1  | 9342  |
| 1.7  | 2.3  | 13330 |
| 14.2 | 10.7 | 9724  |

|       |       |       |
|-------|-------|-------|
| 0.3   | 0.0   | 342   |
| 0.3   | 0.0   | 954   |
| 0.0   | 0.0   | 413   |
| 0.0   | 0.0   | 439   |
| 4.5   | 4.6   | 12139 |
| 1.6   | 1.3   | 13450 |
| 0.4   | 0.0   | 2074  |
| 0.0   | 0.0   | 11991 |
| 0.9   | 0.6   | 8516  |
| 2.5   | 1.7   | 12015 |
| 12.6  | 6.8   | 8788  |
| 0.0   | 0.0   | 11476 |
| 29.3  | 31.5  | 5148  |
| 5.5   | 5.2   | 24911 |
| 7.8   | 4.9   | 3284  |
| 12.2  | 12.7  | 1749  |
| 9.8   | 10.7  | 1221  |
| 22.0  | 18.5  | 1227  |
| 528.3 | 831.2 | 100   |
| 0.5   | 0.0   | 1951  |
| 2.5   | 0.0   | 1445  |
| 0.5   | 0.0   | 966   |
| 0.2   | 0.3   | 1194  |
| 1.1   | 0.6   | 9994  |
| 4.5   | 3.6   | 4961  |
| 0.0   | 0.0   | 1058  |
| 0.2   | 0.1   | 1751  |
| 0.1   | 0.0   | 713   |
| 0.0   | 0.0   | 2059  |
| 0.2   | 0.0   | 1157  |
| 1.5   | 1.0   | 2005  |
| 0.4   | 0.2   | 1213  |
| 1.9   | 1.8   | 6830  |
| 2.7   | 1.7   | 2352  |
| 0.6   | 0.4   | 12527 |
| 0.0   | 0.1   | 1235  |
| 4.2   | 4.9   | 2395  |
| 0.4   | 0.2   | 1788  |
| 2.3   | 2.4   | 10591 |
| 4.6   | 6.0   | 1418  |
| 0.4   | 0.0   | 2133  |
| 2.6   | 0.6   | 4695  |
| 1.0   | 0.6   | 1746  |
| 0.1   | 0.0   | 1311  |
| 1.1   | 0.5   | 2228  |
| 3.6   | 1.2   | 1698  |
| 0.6   | 0.5   | 3082  |

|     |     |       |
|-----|-----|-------|
| 1.9 | 1.4 | 14403 |
| 0.1 | 0.0 | 2256  |
| 0.0 | 0.0 | 471   |
| 0.0 | 0.0 | 1926  |
| 4.9 | 4.1 | 2286  |
| 0.5 | 0.0 | 5296  |
| 5.2 | 2.9 | 13096 |
| 7.8 | 7.9 | 4919  |
| 0.3 | 0.0 | 867   |
| 0.6 | 0.1 | 935   |
| 3.5 | 2.9 | 2228  |
| 3.3 | 1.5 | 7063  |
| 1.7 | 0.5 | 2278  |
| 1.7 | 0.2 | 2686  |
| 7.3 | 2.5 | 1542  |
| 5.7 | 3.3 | 1796  |
| 1.4 | 0.9 | 1999  |
| 0.0 | 0.0 | 869   |
| 6.0 | 4.0 | 4943  |
| 0.0 | 0.0 | 574   |
| 0.9 | 1.2 | 2316  |
| 0.0 | 0.0 | 17667 |
| 0.4 | 0.0 | 738   |
| 0.1 | 0.0 | 1765  |
| 0.8 | 0.3 | 2092  |
| 0.0 | 0.0 | 1110  |
| 5.9 | 1.4 | 2490  |
| 1.2 | 0.1 | 2674  |
| 0.4 | 0.3 | 2482  |
| 0.1 | 0.0 | 2674  |
| 0.3 | 0.0 | 1828  |
| 0.0 | 0.0 | 2000  |
| 3.0 | 5.0 | 3784  |
| 0.4 | 0.0 | 1047  |
| 3.3 | 1.6 | 4033  |
| 1.5 | 1.3 | 1113  |
| 0.8 | 0.3 | 8022  |
| 0.2 | 0.1 | 14284 |
| 2.5 | 1.6 | 1198  |
| 0.1 | 0.0 | 1381  |
| 0.4 | 0.1 | 2236  |
| 4.1 | 4.4 | 8439  |
| 0.0 | 0.0 | 2307  |
| 0.6 | 0.4 | 1652  |
| 0.0 | 0.0 | 2308  |
| 4.2 | 4.5 | 1562  |
| 2.1 | 1.7 | 38916 |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 22640 |
| 0.1  | 0.0  | 993   |
| 10.6 | 8.2  | 6249  |
| 2.7  | 2.3  | 12093 |
| 0.9  | 0.2  | 29189 |
| 0.1  | 0.0  | 2115  |
| 0.0  | 0.0  | 2126  |
| 4.0  | 1.4  | 3081  |
| 0.9  | 0.9  | 9899  |
| 0.2  | 0.1  | 5020  |
| 33.3 | 22.1 | 4427  |
| 0.9  | 0.7  | 12240 |
| 5.9  | 6.6  | 3212  |
| 0.3  | 0.0  | 5372  |
| 3.4  | 3.4  | 8099  |
| 9.2  | 6.5  | 2099  |
| 0.2  | 0.0  | 5355  |
| 0.0  | 0.0  | 10783 |
| 0.1  | 0.0  | 12845 |
| 26.0 | 14.8 | 5544  |
| 0.1  | 0.0  | 2705  |
| 59.4 | 56.8 | 5130  |
| 3.1  | 0.7  | 13609 |
| 0.4  | 0.0  | 3935  |
| 9.2  | 6.3  | 5365  |
| 4.6  | 3.7  | 1999  |
| 0.0  | 0.0  | 6569  |
| 1.5  | 1.0  | 4075  |
| 28.4 | 15.8 | 5704  |
| 0.1  | 0.0  | 3779  |
| 0.0  | 0.0  | 75    |
| 1.4  | 0.0  | 67    |
| 2.8  | 0.0  | 67    |
| 13.5 | 13.1 | 6783  |
| 0.7  | 1.0  | 1292  |
| 0.4  | 0.1  | 6540  |
| 12.0 | 11.4 | 3981  |
| 0.2  | 0.0  | 917   |
| 0.2  | 0.0  | 3547  |
| 5.0  | 4.7  | 5960  |
| 1.4  | 1.6  | 6050  |
| 5.5  | 5.4  | 8505  |
| 1.1  | 0.4  | 3496  |
| 5.6  | 7.7  | 4657  |
| 2.3  | 1.6  | 6807  |
| 9.5  | 8.5  | 13235 |
| 0.6  | 0.1  | 5499  |

|      |      |       |
|------|------|-------|
| 1.2  | 1.1  | 13628 |
| 1.9  | 1.3  | 10244 |
| 0.1  | 0.0  | 1791  |
| 8.4  | 16.1 | 660   |
| 19.7 | 11.8 | 8497  |
| 6.5  | 5.8  | 7361  |
| 0.1  | 0.1  | 4849  |
| 0.1  | 0.0  | 1130  |
| 13.9 | 13.0 | 11112 |
| 0.6  | 0.2  | 1976  |
| 0.0  | 0.0  | 19884 |
| 26.9 | 23.5 | 921   |
| 1.8  | 0.1  | 2041  |
| 9.4  | 12.1 | 2326  |
| 0.0  | 0.0  | 876   |
| 0.4  | 0.4  | 36803 |
| 15.5 | 2.2  | 1701  |
| 0.3  | 0.0  | 5245  |
| 0.5  | 0.5  | 1156  |
| 0.1  | 0.0  | 722   |
| 6.0  | 6.3  | 16758 |
| 0.4  | 0.1  | 3489  |
| 1.1  | 1.0  | 1614  |
| 0.8  | 0.0  | 498   |
| 0.4  | 0.4  | 35249 |
| 4.0  | 4.5  | 38047 |
| 0.0  | 0.0  | 947   |
| 15.1 | 14.9 | 4373  |
| 0.0  | 0.0  | 739   |
| 0.2  | 0.0  | 8836  |
| 0.0  | 0.0  | 546   |
| 0.6  | 0.3  | 7847  |
| 2.5  | 1.0  | 2023  |
| 4.1  | 5.9  | 3998  |
| 0.1  | 0.0  | 8243  |
| 0.2  | 0.0  | 7854  |
| 0.1  | 0.1  | 5490  |
| 1.3  | 1.6  | 3265  |
| 0.4  | 0.0  | 1937  |
| 0.7  | 0.8  | 538   |
| 0.4  | 0.1  | 5013  |
| 5.4  | 3.7  | 14649 |
| 0.0  | 0.0  | 6415  |
| 0.1  | 0.0  | 1412  |
| 14.2 | 11.1 | 13511 |
| 0.0  | 0.0  | 78    |
| 0.0  | 0.0  | 75    |

|      |      |       |
|------|------|-------|
| 0.0  | 3.8  | 82    |
| 0.0  | 0.0  | 76    |
| 0.0  | 0.0  | 90    |
| 0.0  | 0.0  | 74    |
| 0.0  | 0.0  | 61    |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 81    |
| 0.0  | 0.0  | 79    |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 77    |
| 0.0  | 0.0  | 79    |
| 0.0  | 0.0  | 66    |
| 0.0  | 0.0  | 80    |
| 0.0  | 0.0  | 77    |
| 0.0  | 0.0  | 80    |
| 0.0  | 0.0  | 76    |
| 0.0  | 0.0  | 74    |
| 2.3  | 0.0  | 82    |
| 3.5  | 0.0  | 81    |
| 0.0  | 0.0  | 84    |
| 0.0  | 0.0  | 82    |
| 0.4  | 0.4  | 4219  |
| 0.0  | 0.0  | 75    |
| 0.0  | 0.0  | 85    |
| 0.0  | 0.0  | 81    |
| 0.0  | 0.0  | 81    |
| 0.0  | 0.0  | 74    |
| 0.0  | 0.0  | 85    |
| 0.0  | 0.0  | 81    |
| 0.0  | 0.0  | 77    |
| 0.0  | 0.2  | 1312  |
| 0.0  | 0.0  | 82    |
| 2.6  | 1.4  | 2017  |
| 0.0  | 0.0  | 73    |
| 0.0  | 0.0  | 83    |
| 0.0  | 0.0  | 75    |
| 0.0  | 0.0  | 92    |
| 10.2 | 9.2  | 2679  |
| 1.1  | 0.0  | 89    |
| 0.0  | 0.0  | 85    |
| 27.6 | 21.9 | 16180 |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 83    |
| 2.8  | 1.6  | 1104  |
| 0.0  | 0.0  | 77    |
| 0.0  | 0.0  | 68    |
| 0.0  | 0.0  | 78    |



|     |     |       |
|-----|-----|-------|
| 1.3 | 0.9 | 23875 |
| 0.0 | 0.0 | 75    |
| 0.0 | 0.0 | 87    |
| 2.4 | 2.7 | 77    |
| 2.1 | 4.6 | 90    |
| 2.3 | 0.0 | 82    |
| 0.0 | 0.0 | 84    |
| 0.0 | 0.0 | 84    |
| 0.0 | 0.0 | 94    |
| 0.0 | 0.0 | 88    |
| 0.0 | 0.0 | 84    |
| 0.0 | 0.0 | 94    |
| 0.0 | 0.0 | 84    |
| 0.0 | 0.0 | 63    |
| 0.0 | 0.0 | 10767 |
| 1.1 | 0.0 | 84    |
| 0.0 | 0.0 | 75    |
| 0.0 | 0.0 | 68    |
| 9.3 | 5.8 | 6438  |
| 0.0 | 0.0 | 79    |
| 0.0 | 0.1 | 2065  |
| 0.0 | 0.0 | 85    |
| 0.0 | 0.0 | 77    |
| 0.0 | 0.0 | 70    |
| 1.1 | 2.5 | 85    |
| 0.0 | 0.0 | 73    |
| 0.0 | 0.0 | 53    |
| 1.2 | 0.0 | 80    |
| 2.5 | 0.0 | 76    |
| 0.0 | 0.0 | 77    |
| 0.0 | 0.0 | 55    |
| 0.0 | 0.0 | 73    |
| 0.0 | 0.0 | 64    |
| 0.0 | 0.0 | 76    |
| 0.0 | 0.0 | 75    |
| 0.0 | 1.4 | 73    |
| 2.4 | 0.0 | 80    |
| 0.0 | 0.0 | 88    |
| 0.0 | 0.0 | 86    |
| 0.0 | 0.0 | 85    |
| 0.0 | 0.0 | 52    |
| 0.0 | 0.0 | 80    |
| 0.0 | 0.0 | 81    |
| 0.0 | 0.0 | 79    |
| 2.2 | 0.0 | 86    |
| 0.0 | 0.0 | 85    |
| 1.1 | 0.0 | 88    |

|     |     |     |
|-----|-----|-----|
| 0.0 | 0.0 | 76  |
| 0.0 | 0.0 | 81  |
| 0.0 | 0.0 | 78  |
| 0.0 | 0.0 | 76  |
| 0.0 | 0.0 | 66  |
| 0.0 | 0.0 | 72  |
| 0.0 | 0.0 | 73  |
| 2.9 | 0.0 | 96  |
| 0.0 | 0.0 | 62  |
| 0.0 | 0.0 | 60  |
| 0.0 | 0.0 | 66  |
| 0.0 | 0.0 | 102 |
| 0.0 | 0.0 | 91  |
| 0.0 | 0.0 | 83  |
| 0.0 | 0.0 | 84  |
| 0.0 | 0.0 | 81  |
| 0.0 | 0.0 | 57  |
| 0.0 | 0.0 | 100 |
| 0.0 | 2.7 | 76  |
| 0.0 | 0.0 | 101 |
| 0.0 | 0.0 | 73  |
| 0.0 | 0.0 | 71  |
| 0.0 | 0.0 | 92  |
| 0.0 | 0.0 | 81  |
| 0.0 | 0.0 | 85  |
| 0.0 | 0.0 | 65  |
| 0.0 | 0.0 | 65  |
| 0.0 | 0.0 | 73  |
| 0.0 | 0.0 | 80  |
| 0.0 | 0.0 | 69  |
| 0.0 | 0.0 | 72  |
| 0.0 | 1.6 | 64  |
| 0.0 | 0.0 | 86  |
| 0.0 | 0.0 | 91  |
| 1.4 | 0.0 | 67  |
| 0.0 | 0.0 | 68  |
| 0.0 | 0.0 | 61  |
| 0.0 | 0.0 | 76  |
| 0.0 | 0.0 | 72  |
| 0.0 | 0.0 | 63  |
| 0.0 | 0.0 | 90  |
| 1.6 | 0.0 | 59  |
| 0.0 | 0.0 | 85  |
| 0.0 | 0.0 | 58  |
| 0.0 | 0.0 | 99  |
| 0.0 | 0.0 | 55  |
| 0.0 | 0.0 | 82  |

|     |     |       |
|-----|-----|-------|
| 0.0 | 0.0 | 54    |
| 0.0 | 0.0 | 87    |
| 0.0 | 0.0 | 64    |
| 0.0 | 0.0 | 84    |
| 0.0 | 0.0 | 83    |
| 0.0 | 0.0 | 66    |
| 0.0 | 0.0 | 70    |
| 0.0 | 0.0 | 67    |
| 0.0 | 0.0 | 64    |
| 1.1 | 0.0 | 84    |
| 0.0 | 0.0 | 70    |
| 0.0 | 0.0 | 87    |
| 0.0 | 0.0 | 91    |
| 0.0 | 0.0 | 62    |
| 0.0 | 0.0 | 84    |
| 0.0 | 0.0 | 58    |
| 0.0 | 0.0 | 69    |
| 0.0 | 0.0 | 76    |
| 0.0 | 0.0 | 67    |
| 0.0 | 0.0 | 85    |
| 0.0 | 0.0 | 80    |
| 0.0 | 0.0 | 81    |
| 0.0 | 0.0 | 93    |
| 0.0 | 0.0 | 78    |
| 0.0 | 0.0 | 67    |
| 4.2 | 9.4 | 67    |
| 0.0 | 0.0 | 70    |
| 0.0 | 0.0 | 95    |
| 0.0 | 0.0 | 65    |
| 0.0 | 0.0 | 71    |
| 0.0 | 0.0 | 105   |
| 0.0 | 0.0 | 79    |
| 0.0 | 0.0 | 56    |
| 0.0 | 6.3 | 99    |
| 0.0 | 0.0 | 82    |
| 0.0 | 0.0 | 83    |
| 0.0 | 0.0 | 77    |
| 0.0 | 0.0 | 138   |
| 0.0 | 0.0 | 138   |
| 0.0 | 0.0 | 138   |
| 0.0 | 0.0 | 75    |
| 0.0 | 0.0 | 80    |
| 0.0 | 0.0 | 73    |
| 0.4 | 0.0 | 17916 |
| 0.0 | 0.0 | 12054 |
| 1.0 | 0.0 | 99    |
| 0.0 | 1.3 | 82    |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 138   |
| 2.2  | 0.0  | 85    |
| 0.0  | 0.0  | 83    |
| 2.4  | 0.0  | 77    |
| 0.0  | 0.0  | 90    |
| 0.0  | 0.0  | 69    |
| 0.0  | 0.0  | 68    |
| 0.0  | 0.0  | 74    |
| 0.0  | 0.0  | 68    |
| 0.0  | 0.0  | 78    |
| 0.0  | 0.0  | 75    |
| 0.0  | 0.0  | 73    |
| 0.0  | 0.0  | 75    |
| 0.0  | 0.0  | 85    |
| 0.0  | 0.0  | 85    |
| 1.2  | 0.0  | 81    |
| 0.0  | 0.0  | 77    |
| 0.0  | 0.0  | 73    |
| 0.0  | 0.0  | 75    |
| 0.0  | 0.0  | 67    |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 78    |
| 0.0  | 0.0  | 74    |
| 0.0  | 0.0  | 76    |
| 0.0  | 0.0  | 66    |
| 0.0  | 0.0  | 76    |
| 0.0  | 0.0  | 75    |
| 0.0  | 0.0  | 75    |
| 0.0  | 0.0  | 63    |
| 0.0  | 0.0  | 75    |
| 0.0  | 0.0  | 78    |
| 0.0  | 0.0  | 57    |
| 0.0  | 0.0  | 74    |
| 0.0  | 0.0  | 77    |
| 0.0  | 0.0  | 78    |
| 8.0  | 13.0 | 1033  |
| 1.5  | 0.7  | 1083  |
| 2.7  | 4.7  | 1722  |
| 5.4  | 4.5  | 17591 |
| 7.0  | 4.7  | 2804  |
| 0.1  | 0.0  | 5069  |
| 47.6 | 46.4 | 2258  |
| 18.4 | 15.6 | 3641  |
| 1.9  | 1.1  | 17635 |
| 8.1  | 13.5 | 4303  |
| 0.1  | 0.0  | 2568  |
| 7.0  | 3.9  | 9256  |

|       |       |       |
|-------|-------|-------|
| 6.1   | 5.3   | 15556 |
| 3.7   | 3.4   | 9599  |
| 0.1   | 0.0   | 3128  |
| 0.7   | 0.6   | 8359  |
| 0.7   | 0.5   | 12332 |
| 5.3   | 2.6   | 4503  |
| 0.4   | 0.3   | 12604 |
| 1.3   | 0.8   | 4859  |
| 0.8   | 0.3   | 8979  |
| 0.3   | 0.1   | 7389  |
| 4.0   | 1.7   | 5113  |
| 0.2   | 0.1   | 11022 |
| 0.8   | 0.4   | 3978  |
| 0.3   | 0.0   | 1062  |
| 0.1   | 0.0   | 10001 |
| 0.7   | 0.0   | 1084  |
| 2.3   | 1.7   | 2583  |
| 1.6   | 0.9   | 6838  |
| 13.5  | 14.8  | 1576  |
| 0.1   | 0.0   | 3282  |
| 8.6   | 9.5   | 1217  |
| 11.9  | 7.4   | 1642  |
| 164.6 | 317.7 | 863   |
| 6.5   | 6.1   | 2057  |
| 13.5  | 10.4  | 2012  |
| 2.3   | 1.5   | 14245 |
| 12.7  | 14.8  | 1854  |
| 2.8   | 2.4   | 8354  |
| 0.2   | 0.1   | 3420  |
| 3.1   | 1.1   | 3152  |
| 8.7   | 3.3   | 5453  |
| 0.0   | 0.0   | 1077  |
| 2.7   | 1.5   | 2548  |
| 9.4   | 8.3   | 33154 |
| 1.2   | 0.4   | 6975  |
| 0.8   | 0.3   | 4732  |
| 0.2   | 0.0   | 10065 |
| 7.6   | 7.3   | 4292  |
| 0.6   | 0.0   | 1973  |
| 0.1   | 0.0   | 1235  |
| 0.4   | 0.0   | 2882  |
| 0.0   | 0.0   | 4108  |
| 13.6  | 11.0  | 4912  |
| 0.7   | 0.8   | 3497  |
| 0.3   | 0.0   | 3652  |
| 2.2   | 1.5   | 1503  |
| 9.3   | 3.2   | 8166  |

|      |      |       |
|------|------|-------|
| 0.7  | 0.9  | 11613 |
| 7.6  | 5.9  | 2962  |
| 0.1  | 0.0  | 2450  |
| 6.1  | 5.4  | 4395  |
| 7.0  | 4.3  | 7914  |
| 0.0  | 0.0  | 927   |
| 9.5  | 1.6  | 1670  |
| 0.5  | 0.3  | 4020  |
| 26.3 | 22.2 | 6295  |
| 0.1  | 0.0  | 14383 |
| 3.9  | 2.1  | 14455 |
| 4.4  | 3.0  | 5659  |
| 0.6  | 0.5  | 5494  |
| 2.0  | 1.8  | 7181  |
| 2.0  | 0.7  | 19344 |
| 3.7  | 3.2  | 12354 |
| 0.1  | 0.3  | 1512  |
| 9.1  | 8.6  | 2209  |
| 0.0  | 0.0  | 636   |
| 0.0  | 0.0  | 11406 |
| 0.2  | 0.1  | 9879  |
| 2.3  | 2.8  | 16674 |
| 6.1  | 2.6  | 7148  |
| 19.4 | 27.0 | 824   |
| 6.2  | 4.6  | 13096 |
| 9.7  | 20.8 | 582   |
| 1.7  | 0.9  | 6051  |
| 0.0  | 0.0  | 5448  |
| 3.2  | 2.3  | 2674  |
| 1.2  | 0.7  | 5317  |
| 0.9  | 0.7  | 4652  |
| 8.6  | 9.7  | 3409  |
| 6.2  | 2.1  | 2248  |
| 5.2  | 4.6  | 7223  |
| 9.8  | 6.3  | 2007  |
| 9.8  | 4.7  | 3417  |
| 0.1  | 0.1  | 11640 |
| 5.8  | 4.7  | 2469  |
| 3.0  | 0.0  | 63    |
| 9.7  | 3.2  | 2690  |
| 10.3 | 4.4  | 3724  |
| 15.9 | 17.1 | 5881  |
| 48.5 | 24.2 | 3734  |
| 11.7 | 9.8  | 2517  |
| 3.8  | 2.7  | 3992  |
| 2.7  | 1.6  | 14028 |
| 0.0  | 0.0  | 74    |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 77    |
| 0.0  | 0.0  | 99    |
| 0.2  | 0.0  | 2474  |
| 5.5  | 0.0  | 85    |
| 3.3  | 0.0  | 85    |
| 1.4  | 0.7  | 14210 |
| 4.3  | 1.1  | 7721  |
| 0.6  | 0.4  | 4334  |
| 2.2  | 0.9  | 5615  |
| 3.7  | 3.1  | 11763 |
| 10.3 | 9.0  | 2678  |
| 0.1  | 0.0  | 2829  |
| 0.2  | 0.0  | 2512  |
| 38.7 | 36.1 | 7850  |
| 0.0  | 0.0  | 8376  |
| 7.9  | 4.7  | 2869  |
| 18.6 | 14.4 | 4584  |
| 0.2  | 0.0  | 1805  |
| 0.1  | 0.1  | 31695 |
| 6.4  | 5.4  | 14090 |
| 38.1 | 36.1 | 3137  |
| 31.5 | 19.9 | 6487  |
| 2.9  | 1.0  | 13743 |
| 0.5  | 0.5  | 12911 |
| 0.0  | 0.0  | 1060  |
| 5.1  | 5.9  | 1053  |
| 0.3  | 0.0  | 1536  |
| 0.0  | 0.0  | 1403  |
| 4.0  | 5.0  | 1753  |
| 6.6  | 2.1  | 2542  |
| 0.2  | 0.0  | 1207  |
| 5.8  | 2.1  | 8808  |
| 3.0  | 0.3  | 3377  |
| 0.2  | 0.0  | 2235  |
| 0.7  | 0.2  | 2815  |
| 0.0  | 0.0  | 2055  |
| 0.1  | 0.0  | 2653  |
| 2.2  | 0.7  | 2708  |
| 0.9  | 0.9  | 5993  |
| 0.2  | 0.0  | 2130  |
| 1.0  | 0.3  | 1144  |
| 4.2  | 3.1  | 2275  |
| 0.1  | 0.0  | 3220  |
| 0.0  | 0.0  | 1504  |
| 2.5  | 2.1  | 5773  |
| 2.2  | 1.7  | 16933 |
| 0.5  | 0.2  | 6654  |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 9712  |
| 0.6  | 0.1  | 2588  |
| 0.4  | 0.0  | 2646  |
| 3.5  | 2.9  | 4381  |
| 0.4  | 0.3  | 7977  |
| 0.2  | 0.1  | 4307  |
| 0.2  | 0.0  | 481   |
| 4.8  | 2.7  | 2557  |
| 1.6  | 1.2  | 2897  |
| 1.5  | 0.7  | 1256  |
| 0.1  | 0.0  | 3063  |
| 2.2  | 2.5  | 1086  |
| 1.9  | 0.7  | 4639  |
| 0.0  | 0.0  | 4442  |
| 26.0 | 9.9  | 1414  |
| 2.5  | 2.0  | 2497  |
| 6.0  | 12.8 | 626   |
| 0.1  | 0.2  | 2328  |
| 4.1  | 1.2  | 1897  |
| 23.4 | 22.8 | 2866  |
| 4.4  | 2.2  | 2317  |
| 0.0  | 0.0  | 374   |
| 0.9  | 1.0  | 24787 |
| 0.4  | 0.1  | 9768  |
| 23.2 | 16.1 | 1774  |
| 0.0  | 0.0  | 8070  |
| 31.6 | 32.2 | 3482  |
| 5.7  | 6.8  | 6279  |
| 3.6  | 2.1  | 2597  |
| 0.1  | 0.0  | 3265  |
| 8.4  | 6.5  | 15800 |
| 3.3  | 4.4  | 1186  |
| 0.0  | 0.0  | 1183  |
| 0.3  | 0.1  | 19075 |
| 0.9  | 0.5  | 3218  |
| 0.2  | 0.1  | 5635  |
| 8.0  | 7.3  | 2891  |
| 2.6  | 2.4  | 32209 |
| 1.7  | 1.4  | 1876  |
| 0.2  | 0.2  | 3368  |
| 0.5  | 0.0  | 2516  |
| 19.6 | 23.1 | 37758 |
| 0.1  | 0.0  | 2184  |
| 0.0  | 0.0  | 2442  |
| 8.7  | 5.7  | 30281 |
| 13.6 | 6.9  | 2147  |
| 1.3  | 0.1  | 2474  |



|      |      |       |
|------|------|-------|
| 5.0  | 4.8  | 3998  |
| 1.8  | 2.0  | 7029  |
| 0.2  | 0.0  | 1964  |
| 0.0  | 0.0  | 1161  |
| 2.8  | 2.6  | 1161  |
| 0.1  | 0.4  | 1610  |
| 0.2  | 0.0  | 1649  |
| 6.1  | 2.1  | 5201  |
| 3.0  | 1.8  | 6018  |
| 0.0  | 0.0  | 22495 |
| 4.7  | 3.5  | 13560 |
| 3.6  | 2.4  | 11119 |
| 0.9  | 0.5  | 22441 |
| 2.3  | 1.2  | 2746  |
| 5.4  | 3.4  | 4735  |
| 2.5  | 2.8  | 15528 |
| 0.1  | 0.1  | 1612  |
| 0.6  | 0.3  | 30648 |
| 0.1  | 0.0  | 10635 |
| 16.9 | 11.8 | 1717  |
| 0.0  | 0.0  | 2352  |
| 6.6  | 4.5  | 3231  |
| 2.2  | 0.5  | 654   |
| 8.7  | 9.6  | 5199  |
| 6.6  | 9.5  | 11003 |
| 7.2  | 6.5  | 9024  |
| 4.5  | 3.0  | 20971 |
| 0.5  | 0.2  | 1336  |
| 0.4  | 0.0  | 1210  |
| 0.2  | 0.0  | 1197  |
| 0.2  | 0.0  | 1992  |
| 0.0  | 0.0  | 270   |
| 0.0  | 0.0  | 288   |
| 31.0 | 44.3 | 829   |
| 29.5 | 22.5 | 6417  |
| 14.0 | 16.3 | 7427  |
| 0.3  | 0.0  | 2543  |
| 0.7  | 0.2  | 1263  |
| 0.6  | 0.6  | 8777  |
| 0.5  | 0.1  | 7187  |
| 0.0  | 0.0  | 1848  |
| 1.4  | 1.3  | 6139  |
| 7.1  | 4.9  | 3351  |
| 0.5  | 0.2  | 5341  |
| 0.6  | 0.0  | 765   |
| 0.1  | 0.0  | 645   |
| 0.7  | 0.6  | 2571  |

|      |      |       |
|------|------|-------|
| 0.4  | 0.1  | 1422  |
| 6.7  | 6.5  | 3793  |
| 6.2  | 4.4  | 2138  |
| 0.2  | 0.2  | 3580  |
| 0.7  | 0.3  | 2305  |
| 6.8  | 12.2 | 2781  |
| 4.7  | 4.5  | 1331  |
| 3.1  | 2.4  | 6409  |
| 27.3 | 21.4 | 2548  |
| 3.6  | 3.2  | 5467  |
| 0.0  | 0.0  | 9918  |
| 0.0  | 0.0  | 783   |
| 4.3  | 2.6  | 18796 |
| 26.2 | 16.8 | 10847 |
| 4.7  | 4.3  | 4293  |
| 0.0  | 0.0  | 3202  |
| 9.4  | 8.0  | 2505  |
| 1.3  | 0.4  | 2153  |
| 3.1  | 4.0  | 4769  |
| 0.3  | 0.1  | 9663  |
| 11.7 | 10.3 | 2680  |
| 1.2  | 0.6  | 2198  |
| 0.2  | 0.4  | 3136  |
| 0.0  | 0.0  | 702   |
| 0.5  | 0.0  | 2158  |
| 0.6  | 0.5  | 1873  |
| 6.1  | 2.4  | 1928  |
| 0.1  | 0.0  | 4227  |
| 0.4  | 0.6  | 990   |
| 0.0  | 0.0  | 654   |
| 7.6  | 9.4  | 28758 |
| 0.3  | 0.1  | 3803  |
| 7.8  | 5.4  | 3023  |
| 0.3  | 0.0  | 625   |
| 29.3 | 18.0 | 6227  |
| 12.8 | 12.5 | 8694  |
| 0.3  | 0.1  | 6291  |
| 0.2  | 0.0  | 598   |
| 0.2  | 0.0  | 1554  |
| 4.3  | 3.4  | 7742  |
| 3.0  | 2.8  | 925   |
| 0.1  | 0.0  | 1032  |
| 0.7  | 0.3  | 2698  |
| 0.0  | 0.0  | 632   |
| 61.1 | 58.7 | 8589  |
| 12.0 | 10.2 | 8194  |
| 17.4 | 13.5 | 1877  |

|       |       |       |
|-------|-------|-------|
| 30.0  | 35.3  | 11488 |
| 0.2   | 0.0   | 4587  |
| 0.1   | 0.0   | 1961  |
| 0.2   | 0.0   | 1289  |
| 0.6   | 0.3   | 7508  |
| 15.9  | 14.4  | 3013  |
| 2.1   | 1.7   | 4878  |
| 0.1   | 0.0   | 3525  |
| 0.0   | 0.1   | 1239  |
| 0.5   | 0.3   | 12986 |
| 8.4   | 8.3   | 2581  |
| 56.1  | 32.9  | 6471  |
| 249.6 | 278.5 | 457   |
| 8.2   | 9.1   | 1714  |
| 0.1   | 0.0   | 2160  |
| 4.0   | 2.5   | 4455  |
| 12.7  | 10.9  | 3778  |
| 0.0   | 0.2   | 2509  |
| 3.8   | 2.1   | 12435 |
| 0.0   | 0.0   | 1261  |
| 11.3  | 11.6  | 3894  |
| 0.9   | 1.1   | 3154  |
| 25.3  | 15.1  | 1477  |
| 1.2   | 0.2   | 6636  |
| 0.4   | 0.4   | 7771  |
| 0.1   | 0.0   | 4431  |
| 0.2   | 0.0   | 2163  |
| 17.5  | 14.4  | 12204 |
| 0.5   | 0.2   | 1068  |
| 1.6   | 1.4   | 24116 |
| 0.0   | 0.0   | 687   |
| 0.5   | 0.0   | 1557  |
| 1.2   | 0.0   | 240   |
| 1.0   | 1.3   | 3890  |
| 0.0   | 0.0   | 744   |
| 0.2   | 0.0   | 1872  |
| 0.8   | 0.7   | 1256  |
| 1.2   | 0.9   | 40088 |
| 0.1   | 0.0   | 1551  |
| 0.0   | 0.0   | 16124 |
| 12.8  | 11.3  | 1368  |
| 2.1   | 1.7   | 1777  |
| 8.5   | 6.6   | 3080  |
| 0.6   | 0.3   | 6236  |
| 0.3   | 0.0   | 2982  |
| 0.1   | 0.0   | 10558 |
| 5.4   | 1.9   | 1084  |

|       |       |       |
|-------|-------|-------|
| 203.2 | 207.9 | 2594  |
| 7.3   | 8.1   | 1944  |
| 0.0   | 0.0   | 937   |
| 0.8   | 0.6   | 6456  |
| 0.6   | 0.1   | 1873  |
| 4.3   | 0.7   | 3067  |
| 47.3  | 48.6  | 9047  |
| 150.6 | 119.8 | 1347  |
| 9.2   | 5.0   | 4382  |
| 4.0   | 4.2   | 9163  |
| 1.7   | 0.7   | 2671  |
| 0.3   | 0.3   | 18682 |
| 2.9   | 1.8   | 5149  |
| 0.0   | 0.0   | 3517  |
| 1.4   | 0.6   | 11848 |
| 0.9   | 0.5   | 13815 |
| 9.4   | 8.1   | 1959  |
| 0.1   | 0.3   | 2586  |
| 11.6  | 10.5  | 3999  |
| 0.2   | 0.0   | 805   |
| 57.9  | 27.0  | 2481  |
| 21.0  | 21.2  | 7173  |
| 0.0   | 0.0   | 8737  |
| 0.2   | 0.0   | 6067  |
| 3.2   | 2.1   | 3219  |
| 7.3   | 5.7   | 4458  |
| 29.2  | 31.8  | 9725  |
| 0.4   | 0.0   | 2721  |
| 8.0   | 7.7   | 2199  |
| 0.3   | 0.3   | 4101  |
| 0.2   | 0.0   | 1155  |
| 0.0   | 0.0   | 1002  |
| 24.9  | 23.6  | 1918  |
| 0.2   | 0.0   | 1085  |
| 16.4  | 17.0  | 1699  |
| 1.4   | 0.8   | 10920 |
| 0.0   | 0.2   | 2168  |
| 1.5   | 0.9   | 6234  |
| 5.4   | 5.1   | 2665  |
| 3.2   | 2.4   | 4859  |
| 188.2 | 158.9 | 3973  |
| 0.0   | 0.0   | 6128  |
| 2.7   | 2.2   | 7633  |
| 2.1   | 1.2   | 6225  |
| 0.9   | 1.1   | 7068  |
| 2.8   | 2.0   | 14825 |
| 0.9   | 0.0   | 3617  |

|       |       |       |
|-------|-------|-------|
| 2.4   | 1.9   | 6256  |
| 0.8   | 0.2   | 18652 |
| 2.3   | 0.9   | 12390 |
| 0.3   | 0.1   | 3768  |
| 0.1   | 0.0   | 46106 |
| 0.8   | 0.5   | 6581  |
| 0.2   | 0.0   | 1788  |
| 18.6  | 19.3  | 1721  |
| 25.2  | 24.7  | 7123  |
| 19.9  | 26.5  | 6738  |
| 0.3   | 0.2   | 13944 |
| 25.3  | 18.6  | 6744  |
| 2.8   | 1.4   | 2512  |
| 0.0   | 0.1   | 1365  |
| 201.4 | 234.8 | 5136  |
| 0.0   | 0.0   | 2022  |
| 0.2   | 0.2   | 28915 |
| 3.3   | 1.8   | 10474 |
| 0.1   | 0.1   | 1826  |
| 0.0   | 0.0   | 15262 |
| 4.8   | 7.9   | 7755  |
| 3.4   | 3.0   | 6959  |
| 1.2   | 1.1   | 12935 |
| 1.6   | 0.9   | 4425  |
| 0.1   | 0.0   | 1003  |
| 3.5   | 4.4   | 1260  |
| 0.2   | 0.1   | 2245  |
| 6.7   | 6.4   | 6856  |
| 0.0   | 0.0   | 885   |
| 0.2   | 0.1   | 9188  |
| 0.0   | 0.4   | 571   |
| 3.0   | 3.1   | 1882  |
| 0.1   | 0.0   | 2820  |
| 2.8   | 2.4   | 1197  |
| 36.1  | 41.5  | 23631 |
| 0.6   | 0.0   | 441   |
| 13.0  | 12.6  | 4027  |
| 0.1   | 0.0   | 3387  |
| 0.1   | 0.0   | 878   |
| 0.2   | 0.0   | 787   |
| 5.9   | 0.6   | 2600  |
| 9.2   | 8.2   | 12106 |
| 1.5   | 0.1   | 1479  |
| 0.0   | 0.0   | 3286  |
| 8.2   | 4.9   | 3034  |
| 0.6   | 0.8   | 4840  |
| 4.7   | 3.3   | 4514  |

|      |      |       |
|------|------|-------|
| 11.2 | 5.6  | 3265  |
| 3.4  | 1.8  | 2388  |
| 0.0  | 0.0  | 8421  |
| 3.0  | 2.6  | 32402 |
| 0.0  | 0.0  | 642   |
| 2.4  | 1.2  | 7502  |
| 3.1  | 3.1  | 8327  |
| 1.7  | 1.0  | 2770  |
| 3.8  | 2.2  | 2620  |
| 10.1 | 3.9  | 2540  |
| 0.4  | 0.0  | 1234  |
| 68.4 | 56.0 | 6138  |
| 10.6 | 8.2  | 2169  |
| 0.1  | 0.0  | 2540  |
| 1.1  | 0.3  | 3335  |
| 2.9  | 0.8  | 3224  |
| 2.3  | 1.5  | 22255 |
| 14.9 | 11.8 | 5842  |
| 0.0  | 0.0  | 2522  |
| 12.3 | 9.6  | 5670  |
| 4.9  | 4.4  | 9341  |
| 6.2  | 4.2  | 4953  |
| 0.1  | 0.0  | 7713  |
| 0.4  | 0.1  | 9331  |
| 1.7  | 1.3  | 11619 |
| 12.1 | 11.6 | 11393 |
| 4.4  | 2.9  | 8171  |
| 39.9 | 23.3 | 906   |
| 3.3  | 2.1  | 13525 |
| 0.0  | 0.0  | 800   |
| 1.4  | 0.8  | 16435 |
| 0.8  | 0.4  | 7981  |
| 0.7  | 0.3  | 2700  |
| 1.3  | 1.2  | 4362  |
| 2.6  | 2.3  | 9741  |
| 0.9  | 0.9  | 4809  |
| 0.2  | 0.3  | 7106  |
| 6.4  | 6.6  | 2589  |
| 0.4  | 0.0  | 3202  |
| 1.8  | 1.5  | 8212  |
| 0.0  | 0.0  | 6784  |
| 3.7  | 2.4  | 23300 |
| 0.2  | 0.0  | 4441  |
| 1.9  | 1.3  | 25827 |
| 1.0  | 0.0  | 1692  |
| 1.2  | 1.4  | 4170  |
| 6.3  | 4.7  | 10973 |

|       |       |       |
|-------|-------|-------|
| 2.5   | 1.3   | 3378  |
| 10.8  | 10.2  | 5369  |
| 0.9   | 0.4   | 5503  |
| 0.0   | 0.0   | 1610  |
| 2.1   | 1.3   | 2817  |
| 0.0   | 0.0   | 11374 |
| 0.7   | 0.5   | 3233  |
| 0.1   | 0.0   | 2649  |
| 4.2   | 5.7   | 10080 |
| 2.1   | 1.7   | 2840  |
| 0.9   | 0.7   | 21953 |
| 2.9   | 2.8   | 5501  |
| 3.1   | 2.6   | 6097  |
| 5.2   | 6.2   | 4813  |
| 0.8   | 0.1   | 7266  |
| 0.1   | 0.0   | 5542  |
| 0.3   | 0.1   | 1767  |
| 0.0   | 0.0   | 1194  |
| 7.2   | 5.3   | 30222 |
| 3.7   | 1.2   | 8713  |
| 0.0   | 0.0   | 9179  |
| 1.8   | 2.1   | 6108  |
| 4.6   | 2.9   | 1567  |
| 1.8   | 1.1   | 1167  |
| 12.4  | 8.9   | 3547  |
| 0.2   | 0.2   | 4653  |
| 0.0   | 0.0   | 2390  |
| 5.8   | 6.1   | 7267  |
| 2.5   | 1.7   | 9544  |
| 2.3   | 2.9   | 7128  |
| 3.8   | 2.6   | 2691  |
| 4.9   | 3.9   | 958   |
| 4.5   | 3.4   | 6469  |
| 1.1   | 1.3   | 2416  |
| 0.1   | 0.0   | 2084  |
| 40.8  | 28.3  | 4168  |
| 0.2   | 0.0   | 4626  |
| 251.1 | 161.8 | 1820  |
| 0.1   | 0.0   | 17209 |
| 6.5   | 4.1   | 1929  |
| 0.0   | 0.0   | 2143  |
| 1.4   | 0.2   | 1570  |
| 8.1   | 4.4   | 14672 |
| 9.7   | 6.2   | 8349  |
| 7.2   | 4.4   | 9796  |
| 1.5   | 0.7   | 55838 |
| 0.6   | 0.2   | 895   |

|      |      |       |
|------|------|-------|
| 10.0 | 6.9  | 11467 |
| 11.8 | 9.8  | 4062  |
| 0.1  | 0.0  | 1790  |
| 2.3  | 1.4  | 12313 |
| 0.4  | 0.1  | 6129  |
| 4.5  | 4.4  | 13462 |
| 3.9  | 3.4  | 4548  |
| 7.8  | 6.4  | 2641  |
| 0.1  | 0.0  | 4585  |
| 1.6  | 1.4  | 8874  |
| 4.1  | 4.0  | 33207 |
| 1.8  | 2.0  | 4849  |
| 10.6 | 7.4  | 7532  |
| 3.6  | 2.8  | 12676 |
| 4.1  | 4.0  | 8595  |
| 2.4  | 2.7  | 1344  |
| 4.2  | 2.5  | 2632  |
| 1.8  | 1.7  | 11260 |
| 0.1  | 0.1  | 5983  |
| 3.8  | 4.4  | 5856  |
| 12.3 | 12.8 | 3645  |
| 0.0  | 0.0  | 876   |
| 9.2  | 11.8 | 408   |
| 4.4  | 3.5  | 9927  |
| 1.9  | 0.4  | 2503  |
| 2.1  | 2.1  | 10621 |
| 0.5  | 0.3  | 18733 |
| 0.1  | 0.0  | 1181  |
| 10.4 | 10.5 | 1188  |
| 2.9  | 1.6  | 1913  |
| 9.0  | 9.6  | 4999  |
| 0.3  | 0.1  | 1216  |
| 2.7  | 1.1  | 18031 |
| 1.0  | 0.0  | 575   |
| 6.8  | 4.7  | 6946  |
| 0.2  | 0.0  | 496   |
| 0.2  | 0.3  | 2899  |
| 0.0  | 0.0  | 496   |
| 2.0  | 0.9  | 4237  |
| 1.9  | 0.4  | 7645  |
| 0.0  | 0.0  | 2154  |
| 2.6  | 1.9  | 7663  |
| 0.2  | 0.0  | 936   |
| 1.4  | 0.9  | 4261  |
| 0.0  | 0.0  | 1062  |
| 11.3 | 1.9  | 39405 |
| 0.0  | 0.0  | 1085  |



|      |      |       |
|------|------|-------|
| 0.2  | 0.0  | 9204  |
| 0.5  | 0.0  | 1354  |
| 0.0  | 0.0  | 3016  |
| 2.7  | 2.0  | 1260  |
| 0.4  | 0.0  | 3153  |
| 7.7  | 4.6  | 3302  |
| 5.7  | 2.8  | 31256 |
| 1.6  | 1.8  | 1257  |
| 52.7 | 39.5 | 1794  |
| 0.0  | 0.0  | 953   |
| 0.7  | 0.4  | 23495 |
| 14.8 | 11.2 | 1652  |
| 13.5 | 10.0 | 11614 |
| 5.4  | 2.7  | 3098  |
| 3.6  | 2.9  | 14616 |
| 0.2  | 0.0  | 6353  |
| 1.0  | 0.8  | 5426  |
| 8.2  | 7.1  | 4745  |
| 5.4  | 4.2  | 4333  |
| 1.8  | 1.2  | 15512 |
| 3.7  | 1.4  | 306   |
| 0.0  | 0.0  | 473   |
| 0.0  | 0.0  | 22041 |
| 0.4  | 0.0  | 258   |
| 0.0  | 0.0  | 13960 |
| 3.1  | 1.4  | 1143  |
| 0.2  | 0.1  | 2688  |
| 1.9  | 0.6  | 4982  |
| 0.1  | 0.0  | 1539  |
| 0.1  | 0.0  | 1098  |
| 0.0  | 0.0  | 1566  |
| 0.0  | 0.0  | 820   |
| 0.3  | 0.4  | 3832  |
| 0.1  | 0.1  | 3900  |
| 0.1  | 0.0  | 8830  |
| 0.3  | 0.0  | 1427  |
| 0.0  | 0.0  | 1160  |
| 0.5  | 0.5  | 1730  |
| 1.1  | 1.4  | 2582  |
| 0.2  | 0.0  | 462   |
| 0.5  | 0.8  | 1180  |
| 0.0  | 0.0  | 1088  |
| 9.8  | 9.5  | 948   |
| 0.3  | 0.0  | 546   |
| 0.0  | 0.1  | 5336  |
| 0.0  | 0.0  | 940   |
| 0.1  | 0.0  | 1794  |

|       |       |       |
|-------|-------|-------|
| 1.5   | 0.9   | 1846  |
| 0.1   | 0.0   | 2204  |
| 0.0   | 0.0   | 17556 |
| 145.4 | 121.2 | 237   |
| 0.7   | 1.0   | 2856  |
| 0.0   | 0.0   | 1168  |
| 4.0   | 4.0   | 1661  |
| 0.4   | 0.0   | 1570  |
| 0.0   | 0.0   | 2918  |
| 0.0   | 0.0   | 974   |
| 0.8   | 0.5   | 3366  |
| 1.7   | 0.6   | 1468  |
| 2.7   | 1.2   | 4392  |
| 0.0   | 0.0   | 1474  |
| 2.0   | 0.8   | 4132  |
| 2.0   | 0.5   | 2116  |
| 0.0   | 0.0   | 1182  |
| 0.0   | 0.1   | 1660  |
| 0.0   | 0.0   | 1318  |
| 0.1   | 0.0   | 7698  |
| 0.0   | 0.0   | 11959 |
| 0.7   | 0.3   | 4664  |
| 3.8   | 3.6   | 1125  |
| 2.1   | 1.8   | 4392  |
| 0.9   | 0.4   | 1625  |
| 0.1   | 0.0   | 1944  |
| 0.0   | 0.0   | 2456  |
| 0.4   | 0.0   | 4766  |
| 0.0   | 0.0   | 687   |
| 7.4   | 7.1   | 672   |
| 0.2   | 0.0   | 1878  |
| 0.0   | 0.0   | 1102  |
| 0.3   | 0.0   | 2006  |
| 0.1   | 0.0   | 2906  |
| 0.1   | 0.0   | 3035  |
| 1.0   | 0.5   | 459   |
| 1.0   | 0.6   | 1159  |
| 0.4   | 0.0   | 1182  |
| 0.0   | 0.0   | 558   |
| 1.0   | 0.7   | 1714  |
| 0.7   | 0.3   | 9350  |
| 43.4  | 78.5  | 456   |
| 0.5   | 0.0   | 728   |
| 0.0   | 0.0   | 736   |
| 14.2  | 5.8   | 1271  |
| 0.0   | 0.0   | 758   |
| 5.6   | 2.2   | 1932  |

|      |      |       |
|------|------|-------|
| 0.7  | 0.6  | 819   |
| 0.7  | 0.2  | 2634  |
| 0.2  | 0.0  | 5387  |
| 1.0  | 0.1  | 3976  |
| 0.7  | 0.6  | 1041  |
| 0.2  | 0.2  | 2392  |
| 0.0  | 0.0  | 1560  |
| 0.5  | 0.4  | 1584  |
| 0.0  | 0.0  | 1168  |
| 0.0  | 0.0  | 8142  |
| 4.4  | 2.9  | 731   |
| 0.0  | 0.0  | 1630  |
| 1.4  | 2.2  | 1731  |
| 0.0  | 0.6  | 375   |
| 0.0  | 0.0  | 1525  |
| 2.6  | 1.4  | 4518  |
| 0.1  | 0.0  | 4945  |
| 0.0  | 0.0  | 1644  |
| 4.8  | 1.2  | 1138  |
| 0.2  | 0.0  | 1090  |
| 0.1  | 0.0  | 8994  |
| 0.1  | 0.0  | 2180  |
| 0.5  | 0.0  | 1674  |
| 0.5  | 0.3  | 2884  |
| 0.0  | 0.0  | 996   |
| 0.2  | 0.0  | 5287  |
| 0.0  | 0.0  | 2077  |
| 0.0  | 0.0  | 2700  |
| 0.1  | 0.0  | 1412  |
| 0.2  | 0.0  | 930   |
| 0.6  | 0.0  | 987   |
| 0.5  | 0.1  | 1558  |
| 1.0  | 1.0  | 3556  |
| 3.4  | 3.6  | 7134  |
| 0.2  | 0.0  | 1540  |
| 0.1  | 0.2  | 2550  |
| 0.3  | 0.0  | 960   |
| 1.2  | 0.4  | 3965  |
| 1.4  | 0.6  | 12072 |
| 0.6  | 0.3  | 1256  |
| 0.5  | 0.0  | 2289  |
| 23.3 | 10.6 | 848   |
| 2.4  | 1.5  | 3358  |
| 0.0  | 0.0  | 4188  |
| 0.0  | 0.0  | 1094  |
| 0.1  | 0.0  | 974   |
| 0.1  | 0.0  | 2258  |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 3566  |
| 0.7  | 0.0  | 2676  |
| 0.2  | 0.0  | 5946  |
| 0.4  | 0.0  | 868   |
| 0.0  | 0.0  | 524   |
| 0.0  | 0.0  | 1168  |
| 1.3  | 0.4  | 4613  |
| 1.0  | 0.1  | 816   |
| 0.0  | 0.0  | 3436  |
| 0.1  | 0.0  | 6936  |
| 2.2  | 1.2  | 4317  |
| 0.2  | 0.0  | 2881  |
| 3.6  | 1.6  | 2765  |
| 0.2  | 0.0  | 4308  |
| 8.5  | 2.9  | 1432  |
| 0.5  | 0.1  | 4250  |
| 0.6  | 0.1  | 3061  |
| 5.5  | 2.3  | 13348 |
| 1.6  | 1.1  | 4294  |
| 1.8  | 0.5  | 3929  |
| 0.1  | 1.2  | 708   |
| 0.9  | 0.2  | 5814  |
| 0.0  | 0.0  | 2361  |
| 0.9  | 1.0  | 3296  |
| 1.8  | 0.6  | 1022  |
| 1.7  | 1.6  | 1482  |
| 37.5 | 28.8 | 1969  |
| 0.8  | 0.3  | 1222  |
| 2.1  | 0.4  | 2238  |
| 0.1  | 0.0  | 1020  |
| 1.2  | 0.9  | 995   |
| 1.0  | 1.4  | 1919  |
| 1.4  | 1.0  | 3476  |
| 0.0  | 0.0  | 2900  |
| 0.1  | 0.0  | 2442  |
| 0.1  | 0.0  | 6066  |
| 0.1  | 0.0  | 1402  |
| 0.1  | 0.0  | 2754  |
| 0.1  | 0.0  | 5350  |
| 0.0  | 0.0  | 675   |
| 1.8  | 4.0  | 2120  |
| 1.7  | 2.0  | 1706  |
| 0.0  | 0.0  | 491   |
| 21.0 | 10.9 | 1771  |
| 0.6  | 0.6  | 1270  |
| 0.1  | 0.2  | 1736  |
| 0.0  | 0.2  | 3576  |

|      |     |       |
|------|-----|-------|
| 0.0  | 0.0 | 1660  |
| 1.8  | 0.9 | 2650  |
| 3.4  | 1.3 | 4354  |
| 2.0  | 0.8 | 4752  |
| 0.6  | 0.0 | 1188  |
| 0.0  | 0.0 | 1150  |
| 0.0  | 0.0 | 11352 |
| 0.0  | 0.0 | 5204  |
| 0.5  | 0.2 | 2609  |
| 0.6  | 0.7 | 2226  |
| 0.6  | 0.4 | 4399  |
| 0.4  | 0.5 | 5093  |
| 0.0  | 0.0 | 736   |
| 0.8  | 0.3 | 2344  |
| 0.3  | 0.0 | 1490  |
| 0.2  | 0.0 | 1160  |
| 3.3  | 1.1 | 2364  |
| 5.8  | 4.4 | 2759  |
| 0.0  | 0.0 | 4094  |
| 0.0  | 0.0 | 896   |
| 0.1  | 0.0 | 2538  |
| 0.1  | 0.0 | 2530  |
| 0.7  | 0.1 | 1556  |
| 1.9  | 0.4 | 1602  |
| 0.3  | 0.2 | 1890  |
| 0.0  | 0.0 | 5999  |
| 0.7  | 0.2 | 5162  |
| 1.5  | 0.2 | 5570  |
| 0.0  | 0.0 | 486   |
| 0.0  | 0.0 | 714   |
| 0.6  | 0.1 | 4448  |
| 0.2  | 0.0 | 1114  |
| 0.0  | 0.0 | 1958  |
| 0.1  | 0.0 | 5604  |
| 0.1  | 0.0 | 4492  |
| 0.5  | 0.2 | 5119  |
| 0.3  | 0.1 | 4466  |
| 17.5 | 4.9 | 1349  |
| 0.5  | 0.2 | 4180  |
| 0.0  | 0.0 | 1385  |
| 0.1  | 0.0 | 1488  |
| 0.2  | 0.0 | 4888  |
| 0.3  | 0.0 | 1168  |
| 0.1  | 0.0 | 7160  |
| 0.1  | 0.1 | 6868  |
| 0.2  | 0.0 | 4448  |
| 1.5  | 1.2 | 1358  |

|      |     |      |
|------|-----|------|
| 2.1  | 1.1 | 2060 |
| 0.5  | 0.0 | 782  |
| 0.2  | 0.0 | 486  |
| 0.4  | 0.9 | 2045 |
| 1.3  | 0.6 | 6900 |
| 3.4  | 1.2 | 4494 |
| 0.4  | 0.1 | 2140 |
| 0.5  | 0.0 | 1454 |
| 0.1  | 0.1 | 1372 |
| 0.0  | 0.0 | 6139 |
| 0.4  | 0.3 | 4604 |
| 0.1  | 0.3 | 783  |
| 0.2  | 0.0 | 1002 |
| 0.0  | 0.5 | 1152 |
| 0.2  | 0.0 | 3531 |
| 6.6  | 5.6 | 1544 |
| 0.1  | 0.0 | 1994 |
| 0.4  | 0.5 | 2918 |
| 0.1  | 0.0 | 3914 |
| 0.0  | 0.1 | 1170 |
| 0.3  | 0.2 | 7592 |
| 0.6  | 0.3 | 9174 |
| 0.2  | 0.0 | 1114 |
| 0.0  | 0.0 | 1088 |
| 0.1  | 0.0 | 4000 |
| 0.5  | 0.0 | 936  |
| 0.0  | 0.0 | 1442 |
| 0.0  | 0.0 | 848  |
| 0.1  | 0.0 | 4521 |
| 0.0  | 0.0 | 2100 |
| 10.2 | 7.1 | 775  |
| 0.4  | 0.3 | 7562 |
| 0.0  | 0.0 | 1154 |
| 0.7  | 1.1 | 982  |
| 0.2  | 0.0 | 2821 |
| 0.8  | 1.2 | 675  |
| 0.0  | 0.0 | 686  |
| 0.0  | 0.0 | 4384 |
| 0.9  | 0.4 | 7420 |
| 0.7  | 0.9 | 1227 |
| 4.3  | 4.3 | 2035 |
| 2.6  | 2.6 | 1490 |
| 0.5  | 0.1 | 756  |
| 0.2  | 0.0 | 1060 |
| 0.5  | 0.0 | 2330 |
| 5.2  | 3.5 | 1260 |
| 0.1  | 0.0 | 6038 |

|      |      |       |
|------|------|-------|
| 0.2  | 0.4  | 1162  |
| 0.9  | 1.0  | 1386  |
| 1.7  | 0.4  | 1987  |
| 0.0  | 0.0  | 2612  |
| 0.0  | 0.0  | 700   |
| 0.1  | 0.1  | 4180  |
| 0.3  | 0.0  | 1228  |
| 0.2  | 0.0  | 2800  |
| 0.2  | 0.0  | 393   |
| 0.2  | 0.1  | 3283  |
| 0.0  | 0.0  | 306   |
| 49.9 | 18.3 | 6120  |
| 0.2  | 0.1  | 4516  |
| 0.0  | 0.0  | 1176  |
| 0.6  | 1.0  | 1936  |
| 0.0  | 0.0  | 2782  |
| 0.4  | 0.3  | 5274  |
| 79.9 | 13.1 | 4987  |
| 0.1  | 0.2  | 1254  |
| 0.9  | 0.8  | 4807  |
| 0.2  | 0.0  | 5062  |
| 0.2  | 0.0  | 3384  |
| 1.6  | 0.8  | 17278 |
| 0.9  | 0.5  | 4098  |
| 0.1  | 0.1  | 3092  |
| 0.2  | 0.0  | 1532  |
| 0.0  | 0.2  | 4956  |
| 1.5  | 0.6  | 5744  |
| 0.1  | 0.1  | 6230  |
| 0.7  | 0.3  | 675   |
| 0.1  | 0.0  | 6060  |
| 1.2  | 0.7  | 4088  |
| 0.0  | 0.0  | 2013  |
| 0.3  | 0.2  | 1180  |
| 2.6  | 1.0  | 2942  |
| 1.8  | 0.5  | 1474  |
| 1.3  | 0.0  | 744   |
| 0.0  | 0.0  | 2216  |
| 0.0  | 0.0  | 3948  |
| 0.0  | 0.0  | 1202  |
| 0.0  | 0.0  | 3758  |
| 0.0  | 0.0  | 848   |
| 0.0  | 0.0  | 1278  |
| 0.2  | 0.0  | 1016  |
| 0.0  | 0.0  | 3904  |
| 6.8  | 3.2  | 679   |
| 2.4  | 2.2  | 2354  |

|     |      |      |
|-----|------|------|
| 0.0 | 0.0  | 7400 |
| 0.0 | 0.0  | 4740 |
| 0.2 | 0.0  | 1156 |
| 0.0 | 0.0  | 687  |
| 0.4 | 0.2  | 5136 |
| 3.6 | 2.8  | 7382 |
| 4.6 | 1.1  | 6934 |
| 0.1 | 0.2  | 1254 |
| 0.1 | 0.0  | 4288 |
| 0.1 | 0.9  | 880  |
| 0.0 | 0.0  | 1122 |
| 0.0 | 0.0  | 1972 |
| 2.9 | 1.0  | 1735 |
| 0.2 | 0.5  | 1216 |
| 1.6 | 0.7  | 5885 |
| 0.0 | 0.0  | 4574 |
| 0.0 | 0.0  | 1208 |
| 0.0 | 0.0  | 374  |
| 0.2 | 0.5  | 770  |
| 0.0 | 0.0  | 579  |
| 0.0 | 0.0  | 1924 |
| 0.8 | 0.0  | 2598 |
| 0.0 | 0.0  | 3477 |
| 1.3 | 1.1  | 5119 |
| 0.0 | 0.0  | 3048 |
| 0.1 | 0.0  | 1470 |
| 0.0 | 0.0  | 879  |
| 0.0 | 0.0  | 3040 |
| 0.0 | 0.0  | 1620 |
| 1.0 | 0.3  | 8770 |
| 0.3 | 0.1  | 2174 |
| 7.4 | 17.0 | 760  |
| 0.0 | 0.1  | 6978 |
| 1.2 | 1.6  | 1134 |
| 0.0 | 0.0  | 1250 |
| 0.4 | 0.3  | 5528 |
| 0.7 | 0.6  | 1792 |
| 0.0 | 0.0  | 1084 |
| 0.0 | 0.0  | 1292 |
| 2.7 | 2.0  | 1951 |
| 2.7 | 1.5  | 1717 |
| 5.5 | 5.5  | 821  |
| 0.0 | 0.0  | 3876 |
| 2.8 | 1.7  | 7772 |
| 0.0 | 0.7  | 311  |
| 0.6 | 0.6  | 1818 |
| 1.2 | 0.2  | 1296 |



|     |     |       |
|-----|-----|-------|
| 0.2 | 1.5 | 429   |
| 1.3 | 0.9 | 2207  |
| 0.0 | 0.0 | 2518  |
| 0.0 | 0.0 | 2648  |
| 2.4 | 0.6 | 1570  |
| 0.9 | 0.3 | 3318  |
| 0.2 | 0.0 | 20370 |
| 0.0 | 0.0 | 623   |
| 4.0 | 4.8 | 1890  |
| 0.6 | 0.3 | 5304  |
| 0.0 | 0.0 | 1262  |
| 0.0 | 0.0 | 998   |
| 0.0 | 0.0 | 255   |
| 3.4 | 2.7 | 6191  |
| 3.3 | 1.2 | 3616  |
| 0.0 | 0.0 | 1680  |
| 0.0 | 0.0 | 4132  |
| 0.0 | 0.0 | 748   |
| 0.0 | 0.0 | 3408  |
| 0.0 | 0.0 | 1218  |
| 2.1 | 1.0 | 872   |
| 0.6 | 0.3 | 3197  |
| 0.2 | 0.0 | 1218  |
| 0.7 | 1.0 | 2958  |
| 0.6 | 0.3 | 2092  |
| 0.0 | 0.0 | 1328  |
| 0.0 | 0.0 | 2080  |
| 1.0 | 0.1 | 2418  |
| 0.8 | 0.2 | 5612  |
| 1.7 | 1.6 | 1574  |
| 6.6 | 2.1 | 2137  |
| 0.3 | 0.0 | 4370  |
| 0.9 | 0.2 | 1924  |
| 0.0 | 0.0 | 1144  |
| 0.4 | 0.0 | 3935  |
| 0.2 | 0.0 | 4554  |
| 0.0 | 0.0 | 2286  |
| 0.2 | 0.0 | 942   |
| 0.4 | 0.1 | 2610  |
| 0.1 | 0.2 | 2906  |
| 0.0 | 0.0 | 1498  |
| 0.0 | 0.0 | 5720  |
| 0.2 | 0.1 | 4224  |
| 0.1 | 0.1 | 1364  |
| 0.0 | 0.0 | 540   |
| 0.1 | 0.1 | 3446  |
| 1.4 | 1.9 | 4086  |

|      |      |       |
|------|------|-------|
| 0.7  | 0.4  | 2142  |
| 0.1  | 0.0  | 1484  |
| 0.2  | 0.0  | 3094  |
| 0.2  | 0.1  | 5330  |
| 0.0  | 0.0  | 1862  |
| 0.3  | 0.0  | 1276  |
| 0.0  | 0.0  | 828   |
| 0.3  | 0.0  | 1126  |
| 0.3  | 0.2  | 1092  |
| 0.0  | 0.0  | 1508  |
| 0.0  | 0.0  | 5482  |
| 2.7  | 0.5  | 986   |
| 0.0  | 0.0  | 976   |
| 0.0  | 0.0  | 1616  |
| 0.0  | 0.0  | 2988  |
| 1.7  | 1.9  | 1080  |
| 0.1  | 0.0  | 7121  |
| 0.2  | 0.0  | 2250  |
| 0.1  | 0.0  | 6001  |
| 0.0  | 0.0  | 9044  |
| 0.2  | 0.0  | 5844  |
| 0.6  | 0.8  | 1602  |
| 0.2  | 0.1  | 6765  |
| 0.1  | 0.1  | 4887  |
| 0.1  | 0.1  | 4467  |
| 0.2  | 0.3  | 4043  |
| 0.9  | 1.5  | 5654  |
| 0.6  | 0.2  | 2340  |
| 0.0  | 0.6  | 489   |
| 0.1  | 0.0  | 1449  |
| 1.0  | 0.0  | 753   |
| 0.1  | 0.0  | 4665  |
| 6.7  | 5.6  | 855   |
| 0.0  | 0.0  | 1173  |
| 3.2  | 2.4  | 15289 |
| 22.2 | 10.6 | 778   |
| 0.0  | 0.6  | 2482  |
| 0.4  | 0.2  | 1508  |
| 0.0  | 0.0  | 7470  |
| 0.1  | 0.0  | 4563  |
| 0.0  | 0.0  | 1242  |
| 0.0  | 0.0  | 1269  |
| 0.0  | 0.0  | 2727  |
| 3.1  | 2.2  | 1479  |
| 1.5  | 1.5  | 3370  |
| 0.0  | 0.0  | 7833  |
| 0.0  | 0.0  | 3660  |

|     |     |      |
|-----|-----|------|
| 1.4 | 0.7 | 2088 |
| 0.9 | 0.3 | 6943 |
| 0.7 | 0.0 | 660  |
| 0.0 | 0.0 | 3088 |
| 0.1 | 0.0 | 1057 |
| 0.5 | 0.0 | 573  |
| 1.0 | 0.6 | 1030 |
| 0.0 | 0.0 | 1154 |
| 0.2 | 0.0 | 1616 |
| 0.2 | 0.2 | 1240 |
| 0.0 | 0.0 | 534  |
| 0.1 | 0.0 | 4888 |
| 0.4 | 0.0 | 1524 |
| 0.0 | 0.0 | 2994 |
| 0.3 | 0.1 | 8623 |
| 1.0 | 0.5 | 7428 |
| 0.7 | 0.1 | 1950 |
| 0.0 | 0.1 | 1536 |
| 0.2 | 0.1 | 1020 |
| 0.2 | 0.0 | 520  |
| 0.2 | 0.4 | 1512 |
| 0.8 | 0.1 | 8292 |
| 0.4 | 0.1 | 4526 |
| 3.4 | 2.6 | 3204 |
| 4.8 | 6.6 | 2809 |
| 0.2 | 0.0 | 3418 |
| 0.3 | 0.4 | 3429 |
| 0.0 | 0.1 | 3678 |
| 0.0 | 0.0 | 954  |
| 0.0 | 0.0 | 3924 |
| 2.3 | 0.8 | 5563 |
| 0.3 | 0.0 | 998  |
| 0.5 | 0.6 | 363  |
| 0.0 | 0.2 | 690  |
| 0.2 | 0.0 | 477  |
| 6.7 | 2.7 | 2528 |
| 0.3 | 0.0 | 1354 |
| 0.0 | 0.0 | 1362 |
| 0.0 | 0.1 | 3482 |
| 0.1 | 0.3 | 1256 |
| 0.0 | 0.0 | 1142 |
| 0.2 | 0.0 | 4292 |
| 3.6 | 2.8 | 4108 |
| 0.3 | 0.0 | 1074 |
| 1.7 | 1.4 | 5816 |
| 0.2 | 0.0 | 2940 |
| 3.2 | 2.0 | 2521 |

|     |     |       |
|-----|-----|-------|
| 0.0 | 0.0 | 714   |
| 0.0 | 0.0 | 561   |
| 0.5 | 0.7 | 588   |
| 0.0 | 0.0 | 1157  |
| 0.0 | 0.0 | 4926  |
| 0.0 | 0.0 | 2429  |
| 0.5 | 0.1 | 1448  |
| 0.0 | 0.0 | 332   |
| 0.4 | 0.0 | 531   |
| 0.1 | 0.0 | 1476  |
| 0.0 | 0.0 | 339   |
| 0.1 | 0.0 | 2150  |
| 0.2 | 0.0 | 5382  |
| 0.1 | 0.1 | 3215  |
| 0.0 | 0.0 | 2776  |
| 0.0 | 0.0 | 795   |
| 0.7 | 0.0 | 426   |
| 1.2 | 0.0 | 309   |
| 0.0 | 0.0 | 1563  |
| 0.0 | 0.0 | 512   |
| 0.6 | 0.1 | 13933 |
| 0.2 | 0.4 | 2420  |
| 0.5 | 0.2 | 1962  |
| 2.0 | 1.3 | 7281  |
| 0.0 | 0.0 | 4269  |
| 1.1 | 0.4 | 4302  |
| 0.1 | 0.2 | 4080  |
| 0.0 | 0.0 | 1053  |
| 0.0 | 0.0 | 6582  |
| 0.0 | 0.0 | 5517  |
| 0.3 | 0.0 | 1365  |
| 0.0 | 0.0 | 2676  |
| 0.2 | 0.3 | 765   |
| 1.1 | 1.1 | 2118  |
| 0.6 | 0.6 | 922   |
| 0.4 | 0.2 | 2520  |
| 1.7 | 0.7 | 10842 |
| 0.0 | 0.0 | 6795  |
| 0.6 | 0.4 | 22728 |
| 0.3 | 0.3 | 8102  |
| 0.0 | 0.0 | 1647  |
| 0.0 | 0.0 | 2884  |
| 1.7 | 1.4 | 8427  |
| 0.7 | 0.3 | 18186 |
| 0.0 | 0.0 | 5505  |
| 0.0 | 0.0 | 4845  |
| 0.0 | 0.0 | 3387  |

|      |      |       |
|------|------|-------|
| 0.7  | 0.6  | 1944  |
| 0.5  | 0.2  | 2311  |
| 1.0  | 0.5  | 4077  |
| 0.0  | 0.0  | 5010  |
| 0.8  | 0.9  | 472   |
| 0.2  | 0.1  | 2389  |
| 0.4  | 0.0  | 3851  |
| 0.0  | 0.0  | 1480  |
| 2.8  | 0.7  | 1054  |
| 0.0  | 0.0  | 1324  |
| 0.7  | 0.9  | 1154  |
| 0.4  | 0.0  | 1674  |
| 0.0  | 0.0  | 1437  |
| 0.0  | 0.0  | 423   |
| 0.0  | 0.3  | 1146  |
| 0.8  | 0.6  | 4674  |
| 0.7  | 0.3  | 1446  |
| 0.0  | 0.0  | 1032  |
| 3.3  | 2.5  | 372   |
| 2.8  | 3.1  | 1228  |
| 0.5  | 0.2  | 3614  |
| 0.0  | 0.0  | 1262  |
| 3.4  | 1.4  | 4543  |
| 0.2  | 0.0  | 1184  |
| 0.9  | 0.0  | 1628  |
| 0.5  | 0.2  | 3334  |
| 0.6  | 0.2  | 3900  |
| 0.8  | 0.5  | 4718  |
| 0.0  | 0.0  | 1332  |
| 6.1  | 6.1  | 1274  |
| 12.8 | 13.8 | 2208  |
| 2.1  | 0.2  | 494   |
| 1.9  | 2.4  | 822   |
| 0.0  | 0.0  | 1073  |
| 1.4  | 0.6  | 917   |
| 0.0  | 0.0  | 448   |
| 3.2  | 2.5  | 26352 |
| 4.1  | 2.6  | 12231 |
| 0.9  | 0.6  | 8871  |
| 0.9  | 0.0  | 1855  |
| 0.9  | 0.0  | 1143  |
| 0.5  | 0.6  | 750   |
| 1.1  | 0.2  | 2356  |
| 0.5  | 0.7  | 1964  |
| 0.3  | 0.0  | 878   |
| 2.0  | 1.3  | 2474  |
| 1.7  | 0.5  | 4230  |

|      |     |      |
|------|-----|------|
| 3.6  | 2.2 | 2430 |
| 0.0  | 0.0 | 4502 |
| 0.0  | 0.0 | 5386 |
| 0.3  | 0.0 | 1404 |
| 12.0 | 8.2 | 1748 |
| 0.3  | 0.0 | 6023 |
| 2.8  | 0.9 | 574  |
| 0.3  | 0.0 | 2794 |
| 0.0  | 0.0 | 2065 |
| 0.4  | 0.3 | 2154 |
| 5.3  | 2.7 | 876  |
| 0.4  | 0.1 | 2835 |
| 0.0  | 0.0 | 1570 |
| 0.9  | 1.6 | 1668 |
| 0.4  | 0.1 | 5284 |
| 0.1  | 0.0 | 1840 |
| 0.0  | 0.0 | 1466 |
| 0.0  | 0.0 | 3555 |
| 0.8  | 0.0 | 1378 |
| 0.1  | 0.0 | 4448 |
| 0.1  | 0.0 | 950  |
| 0.5  | 0.1 | 2714 |
| 0.0  | 0.2 | 1426 |
| 4.5  | 1.3 | 5700 |
| 0.0  | 0.0 | 1413 |
| 0.0  | 0.0 | 2240 |
| 0.1  | 0.0 | 2820 |
| 0.1  | 0.1 | 3970 |
| 0.0  | 0.0 | 1360 |
| 0.8  | 0.0 | 465  |
| 0.0  | 0.0 | 1620 |
| 0.0  | 0.0 | 1484 |
| 5.1  | 4.2 | 696  |
| 0.0  | 0.0 | 1842 |
| 4.2  | 6.0 | 767  |
| 5.0  | 3.0 | 490  |
| 0.5  | 0.1 | 3276 |
| 0.1  | 0.1 | 3468 |
| 1.1  | 0.4 | 5930 |
| 3.6  | 1.0 | 2381 |
| 0.0  | 0.0 | 6206 |
| 0.6  | 0.4 | 2850 |
| 0.0  | 0.0 | 2558 |
| 0.1  | 0.0 | 823  |
| 5.6  | 3.4 | 2590 |
| 0.1  | 0.0 | 788  |
| 0.0  | 0.0 | 2635 |

|      |      |      |
|------|------|------|
| 1.4  | 1.0  | 2798 |
| 0.0  | 0.0  | 1228 |
| 0.3  | 0.0  | 357  |
| 9.8  | 14.2 | 3228 |
| 15.6 | 16.3 | 3117 |
| 1.0  | 0.4  | 9120 |
| 0.0  | 0.0  | 2180 |
| 0.0  | 0.0  | 3660 |
| 0.1  | 0.0  | 1900 |
| 0.5  | 0.4  | 3180 |
| 0.1  | 0.3  | 1208 |
| 0.0  | 0.0  | 1114 |
| 0.0  | 0.0  | 3912 |
| 0.0  | 0.0  | 703  |
| 0.0  | 0.0  | 1252 |
| 0.2  | 0.3  | 4484 |
| 0.1  | 0.0  | 1818 |
| 0.5  | 0.1  | 1720 |
| 0.3  | 0.0  | 1349 |
| 1.5  | 0.1  | 1850 |
| 0.0  | 0.0  | 876  |
| 0.5  | 0.2  | 4463 |
| 7.0  | 5.3  | 1722 |
| 0.1  | 0.1  | 2442 |
| 0.0  | 0.0  | 2317 |
| 0.2  | 0.0  | 1058 |
| 3.2  | 2.5  | 5799 |
| 0.1  | 0.0  | 2176 |
| 0.9  | 0.9  | 1320 |
| 0.0  | 0.0  | 900  |
| 0.0  | 0.0  | 2790 |
| 0.0  | 0.0  | 2036 |
| 0.1  | 0.0  | 1458 |
| 0.1  | 0.0  | 1122 |
| 0.0  | 0.0  | 2178 |
| 1.5  | 0.4  | 6698 |
| 0.9  | 0.1  | 2464 |
| 1.4  | 1.0  | 6409 |
| 0.5  | 0.3  | 5030 |
| 11.1 | 8.7  | 1182 |
| 0.0  | 0.0  | 2176 |
| 0.7  | 0.1  | 7041 |
| 0.0  | 0.0  | 1292 |
| 0.0  | 0.0  | 1124 |
| 0.1  | 0.0  | 1814 |
| 0.0  | 0.0  | 2446 |
| 0.3  | 0.6  | 1096 |

|     |     |      |
|-----|-----|------|
| 0.0 | 0.0 | 2904 |
| 0.0 | 0.0 | 1482 |
| 0.0 | 0.0 | 906  |
| 0.1 | 0.0 | 1690 |
| 0.1 | 0.0 | 3026 |
| 0.0 | 0.0 | 2424 |
| 0.1 | 0.0 | 4756 |
| 0.0 | 0.0 | 782  |
| 0.0 | 0.0 | 535  |
| 0.0 | 0.0 | 1260 |
| 0.5 | 0.3 | 5508 |
| 0.1 | 0.0 | 1394 |
| 0.3 | 0.0 | 1464 |
| 0.0 | 0.0 | 3366 |
| 0.1 | 0.0 | 1828 |
| 2.9 | 0.5 | 5938 |
| 0.3 | 0.1 | 1135 |
| 3.6 | 1.6 | 802  |
| 0.3 | 0.0 | 579  |
| 0.1 | 0.0 | 9050 |
| 1.2 | 0.1 | 711  |
| 0.1 | 0.0 | 1250 |
| 0.1 | 0.0 | 6368 |
| 0.0 | 0.0 | 1395 |
| 0.0 | 0.2 | 1944 |
| 0.3 | 0.5 | 1921 |
| 0.0 | 0.0 | 5239 |
| 0.0 | 0.0 | 3064 |
| 0.0 | 0.1 | 2934 |
| 0.0 | 0.0 | 1306 |
| 0.0 | 0.3 | 1028 |
| 0.0 | 0.0 | 1108 |
| 0.0 | 0.0 | 763  |
| 0.1 | 0.0 | 1564 |
| 0.8 | 0.3 | 2241 |
| 0.0 | 0.0 | 1270 |
| 3.3 | 3.1 | 2235 |
| 2.4 | 0.6 | 943  |
| 1.3 | 0.5 | 4752 |
| 1.0 | 0.6 | 1530 |
| 0.0 | 0.0 | 660  |
| 0.1 | 0.0 | 1755 |
| 0.0 | 0.0 | 934  |
| 0.2 | 0.0 | 1106 |
| 0.0 | 0.0 | 2301 |
| 0.2 | 0.0 | 966  |
| 0.0 | 0.0 | 888  |



|     |     |      |
|-----|-----|------|
| 2.5 | 2.5 | 3090 |
| 0.1 | 0.1 | 2420 |
| 0.0 | 0.0 | 1980 |
| 3.9 | 0.9 | 4578 |
| 0.1 | 0.0 | 2498 |
| 0.2 | 0.0 | 4806 |
| 0.0 | 0.0 | 1084 |
| 2.4 | 0.5 | 585  |
| 2.1 | 0.5 | 585  |
| 2.6 | 1.1 | 585  |
| 0.0 | 0.0 | 3174 |
| 0.1 | 0.1 | 4742 |
| 0.0 | 0.0 | 4188 |
| 0.0 | 0.0 | 1016 |
| 0.0 | 0.0 | 1167 |
| 2.1 | 0.8 | 3732 |
| 0.1 | 0.0 | 1346 |
| 0.0 | 0.0 | 974  |
| 1.2 | 0.6 | 912  |
| 0.5 | 1.2 | 3960 |
| 4.2 | 2.9 | 4502 |
| 0.6 | 0.1 | 3199 |
| 0.1 | 0.1 | 9702 |
| 0.2 | 0.1 | 6182 |
| 0.0 | 0.0 | 5854 |
| 3.2 | 0.7 | 4896 |
| 0.2 | 0.0 | 1074 |
| 0.4 | 0.0 | 5649 |
| 0.4 | 0.1 | 1728 |
| 5.6 | 2.3 | 3976 |
| 2.5 | 2.9 | 2560 |
| 1.2 | 1.4 | 1608 |
| 0.0 | 0.7 | 472  |
| 0.0 | 0.0 | 4014 |
| 0.5 | 0.3 | 2724 |
| 0.8 | 0.3 | 1842 |
| 0.0 | 0.0 | 1322 |
| 0.5 | 0.0 | 716  |
| 1.0 | 0.0 | 475  |
| 0.5 | 0.1 | 1852 |
| 0.5 | 0.2 | 1380 |
| 0.9 | 0.2 | 997  |
| 3.1 | 0.0 | 585  |
| 1.3 | 0.7 | 3072 |
| 0.0 | 0.0 | 1092 |
| 0.0 | 0.0 | 7912 |
| 1.5 | 0.2 | 1568 |

|     |     |       |
|-----|-----|-------|
| 0.6 | 0.5 | 1984  |
| 1.9 | 1.0 | 2635  |
| 0.0 | 0.0 | 1486  |
| 0.1 | 0.0 | 1068  |
| 0.2 | 1.1 | 954   |
| 0.7 | 0.2 | 1174  |
| 0.2 | 0.3 | 3967  |
| 0.1 | 0.0 | 1742  |
| 0.0 | 0.0 | 1140  |
| 0.1 | 0.0 | 1512  |
| 1.2 | 1.2 | 3502  |
| 0.1 | 0.0 | 2636  |
| 0.0 | 0.0 | 6668  |
| 0.3 | 0.0 | 2834  |
| 0.2 | 0.0 | 1072  |
| 0.0 | 0.0 | 1058  |
| 0.0 | 0.0 | 1118  |
| 0.0 | 0.0 | 485   |
| 0.2 | 0.4 | 2747  |
| 1.4 | 0.4 | 3607  |
| 0.1 | 0.0 | 3138  |
| 0.3 | 0.1 | 749   |
| 1.5 | 0.7 | 1486  |
| 1.1 | 0.8 | 1960  |
| 0.3 | 0.3 | 2024  |
| 1.0 | 0.3 | 1436  |
| 0.1 | 0.2 | 4054  |
| 0.6 | 0.0 | 504   |
| 0.0 | 0.0 | 1000  |
| 0.5 | 0.2 | 4804  |
| 2.7 | 2.2 | 4389  |
| 0.7 | 0.3 | 4603  |
| 0.2 | 0.1 | 10094 |
| 0.1 | 0.0 | 2301  |
| 0.0 | 0.0 | 6843  |
| 0.0 | 0.0 | 5889  |
| 0.0 | 0.0 | 2271  |
| 0.6 | 0.4 | 2148  |
| 0.1 | 0.0 | 3174  |
| 0.2 | 0.1 | 2209  |
| 0.3 | 0.1 | 2616  |
| 0.3 | 0.2 | 1830  |
| 0.3 | 0.1 | 978   |
| 0.3 | 1.0 | 1362  |
| 0.0 | 0.0 | 1656  |
| 0.1 | 0.0 | 1341  |
| 0.4 | 0.1 | 3120  |

|     |     |       |
|-----|-----|-------|
| 5.7 | 2.8 | 1312  |
| 7.1 | 7.9 | 1610  |
| 1.7 | 1.4 | 2118  |
| 2.7 | 1.0 | 2948  |
| 0.1 | 0.0 | 2250  |
| 0.2 | 0.1 | 8355  |
| 0.0 | 0.0 | 3771  |
| 0.2 | 0.0 | 2700  |
| 0.9 | 0.9 | 1641  |
| 0.1 | 0.0 | 751   |
| 0.2 | 0.1 | 2412  |
| 0.4 | 0.2 | 1099  |
| 1.1 | 0.0 | 1395  |
| 1.0 | 0.0 | 1395  |
| 0.4 | 0.1 | 1395  |
| 0.6 | 0.2 | 11712 |
| 4.1 | 1.1 | 2942  |
| 0.3 | 0.2 | 4108  |
| 0.0 | 0.0 | 2059  |
| 0.0 | 0.0 | 1538  |
| 0.0 | 0.0 | 2636  |
| 0.0 | 0.0 | 1944  |
| 0.2 | 0.2 | 5246  |
| 0.0 | 0.0 | 621   |
| 0.0 | 0.3 | 1792  |
| 0.1 | 0.0 | 6946  |
| 2.4 | 0.4 | 6199  |
| 0.5 | 0.0 | 1232  |
| 1.7 | 0.5 | 11248 |
| 3.3 | 3.2 | 1296  |
| 4.3 | 2.2 | 4330  |
| 0.2 | 0.0 | 944   |
| 6.6 | 8.3 | 2404  |
| 2.3 | 1.7 | 1045  |
| 0.4 | 0.0 | 906   |
| 0.6 | 0.1 | 1870  |
| 0.0 | 0.0 | 1164  |
| 0.1 | 0.2 | 1874  |
| 0.6 | 0.0 | 3717  |
| 0.1 | 0.0 | 5608  |
| 0.1 | 0.0 | 1632  |
| 1.4 | 0.5 | 1602  |
| 0.9 | 0.1 | 1993  |
| 1.6 | 0.8 | 1424  |
| 0.2 | 0.0 | 420   |
| 1.7 | 0.2 | 498   |
| 0.8 | 0.5 | 462   |

|      |      |      |
|------|------|------|
| 0.3  | 1.5  | 341  |
| 1.6  | 0.2  | 1718 |
| 0.4  | 0.0  | 886  |
| 0.1  | 0.3  | 672  |
| 0.0  | 0.0  | 1438 |
| 0.2  | 0.3  | 1806 |
| 0.4  | 0.5  | 3556 |
| 0.2  | 0.1  | 912  |
| 0.1  | 0.0  | 1100 |
| 67.6 | 18.0 | 330  |
| 0.8  | 0.1  | 3267 |
| 5.8  | 4.0  | 4310 |
| 0.0  | 0.3  | 1110 |
| 0.0  | 0.0  | 940  |
| 0.0  | 0.2  | 617  |
| 0.2  | 0.0  | 1077 |
| 0.0  | 0.0  | 617  |
| 3.4  | 0.6  | 2170 |
| 0.0  | 0.0  | 838  |
| 3.1  | 1.8  | 820  |
| 5.3  | 6.2  | 1206 |
| 0.1  | 0.0  | 948  |
| 0.5  | 0.2  | 6516 |
| 1.1  | 0.2  | 3772 |
| 0.2  | 0.0  | 561  |
| 0.3  | 0.2  | 4508 |
| 0.6  | 0.0  | 732  |
| 0.0  | 0.1  | 2748 |
| 0.0  | 0.0  | 2358 |
| 1.3  | 0.4  | 1124 |
| 0.2  | 0.0  | 1962 |
| 0.1  | 0.0  | 676  |
| 0.1  | 0.1  | 3305 |
| 0.0  | 0.0  | 1186 |
| 0.0  | 0.0  | 3188 |
| 0.9  | 0.9  | 7645 |
| 0.6  | 0.5  | 798  |
| 0.7  | 0.2  | 2286 |
| 0.0  | 0.0  | 1124 |
| 0.0  | 0.0  | 938  |
| 0.4  | 0.0  | 3602 |
| 0.0  | 0.1  | 1314 |
| 0.0  | 0.0  | 2586 |
| 0.4  | 0.0  | 3014 |
| 0.1  | 0.0  | 3833 |
| 2.8  | 3.7  | 1197 |
| 0.6  | 0.3  | 6675 |

|     |     |      |
|-----|-----|------|
| 6.6 | 2.9 | 2761 |
| 0.1 | 0.0 | 4874 |
| 0.0 | 0.0 | 898  |
| 0.2 | 0.0 | 3130 |
| 0.2 | 0.0 | 5708 |
| 0.9 | 0.4 | 1734 |
| 2.4 | 1.0 | 437  |
| 0.2 | 0.0 | 1848 |
| 0.2 | 0.0 | 1174 |
| 1.1 | 1.0 | 3200 |
| 0.0 | 0.0 | 1624 |
| 0.1 | 0.0 | 9404 |
| 0.9 | 0.1 | 2918 |
| 0.0 | 0.0 | 1493 |
| 0.5 | 0.0 | 1450 |
| 2.5 | 2.1 | 3332 |
| 0.2 | 0.1 | 5195 |
| 1.4 | 0.7 | 6264 |
| 0.1 | 0.4 | 2822 |
| 0.3 | 0.1 | 3612 |
| 0.3 | 0.1 | 948  |
| 0.0 | 0.0 | 4790 |
| 0.1 | 0.0 | 1354 |
| 1.4 | 0.6 | 3390 |
| 0.3 | 0.0 | 1636 |
| 0.2 | 0.0 | 1150 |
| 4.0 | 1.3 | 1168 |
| 0.0 | 0.0 | 2696 |
| 2.0 | 0.4 | 2266 |
| 0.0 | 0.0 | 1443 |
| 0.0 | 0.0 | 750  |
| 0.1 | 0.0 | 1992 |
| 0.0 | 0.0 | 2182 |
| 0.1 | 0.1 | 5696 |
| 0.6 | 0.4 | 2281 |
| 0.1 | 0.0 | 4162 |
| 5.3 | 5.2 | 1094 |
| 0.2 | 0.1 | 7090 |
| 0.4 | 0.0 | 1810 |
| 0.1 | 0.0 | 4910 |
| 4.4 | 1.4 | 3388 |
| 0.0 | 0.0 | 1438 |
| 0.0 | 0.0 | 2056 |
| 0.1 | 0.0 | 1450 |
| 0.0 | 0.0 | 939  |
| 0.2 | 0.0 | 4956 |
| 0.0 | 0.0 | 4182 |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 4185  |
| 0.0  | 0.0  | 12359 |
| 0.2  | 0.0  | 1879  |
| 32.1 | 33.2 | 2406  |
| 9.3  | 0.6  | 1352  |
| 0.7  | 0.2  | 4834  |
| 0.1  | 0.0  | 958   |
| 0.1  | 0.0  | 2178  |
| 0.3  | 0.0  | 1173  |
| 0.0  | 0.0  | 2528  |
| 4.3  | 1.0  | 1444  |
| 0.0  | 0.0  | 4464  |
| 0.0  | 0.0  | 7022  |
| 2.9  | 0.7  | 8392  |
| 0.2  | 0.0  | 1174  |
| 0.1  | 0.0  | 1062  |
| 0.1  | 0.0  | 3434  |
| 0.0  | 0.0  | 1000  |
| 0.4  | 0.0  | 1182  |
| 0.0  | 0.0  | 4277  |
| 0.0  | 0.0  | 858   |
| 2.5  | 0.7  | 4775  |
| 0.0  | 0.0  | 782   |
| 52.8 | 19.9 | 2226  |
| 0.0  | 0.0  | 1406  |
| 1.7  | 0.4  | 1547  |
| 0.0  | 0.0  | 493   |
| 0.1  | 0.0  | 3353  |
| 2.1  | 0.6  | 818   |
| 8.4  | 4.6  | 4970  |
| 0.0  | 0.0  | 1080  |
| 4.0  | 1.6  | 908   |
| 2.0  | 3.4  | 1302  |
| 1.4  | 0.7  | 4648  |
| 0.6  | 1.2  | 800   |
| 1.0  | 0.2  | 1131  |
| 0.0  | 0.0  | 590   |
| 1.1  | 0.0  | 1202  |
| 46.8 | 19.8 | 1073  |
| 0.1  | 0.1  | 3324  |
| 0.2  | 0.0  | 2250  |
| 0.2  | 0.3  | 3366  |
| 2.0  | 0.4  | 1968  |
| 0.1  | 0.0  | 2260  |
| 0.0  | 0.0  | 1274  |
| 0.0  | 0.0  | 5170  |
| 0.0  | 0.0  | 1674  |

|     |     |      |
|-----|-----|------|
| 0.2 | 0.0 | 5578 |
| 0.0 | 0.0 | 2348 |
| 1.1 | 0.1 | 7684 |
| 0.7 | 0.1 | 5470 |
| 0.0 | 0.0 | 3356 |
| 0.0 | 0.4 | 1162 |
| 0.7 | 0.0 | 1474 |
| 0.4 | 0.0 | 1250 |
| 0.6 | 0.0 | 2198 |
| 3.9 | 1.5 | 3431 |
| 3.3 | 1.8 | 3941 |
| 0.3 | 0.0 | 323  |
| 0.4 | 0.0 | 659  |
| 0.2 | 0.0 | 2263 |
| 0.1 | 0.0 | 2400 |
| 0.0 | 0.0 | 2106 |
| 1.2 | 0.4 | 7180 |
| 0.0 | 0.0 | 1940 |
| 0.1 | 0.0 | 4502 |
| 0.6 | 0.1 | 5062 |
| 0.1 | 0.0 | 4076 |
| 1.4 | 0.0 | 681  |
| 0.3 | 0.0 | 681  |
| 1.3 | 0.8 | 372  |
| 1.0 | 1.0 | 1894 |
| 0.2 | 0.0 | 7712 |
| 0.3 | 0.0 | 2762 |
| 0.2 | 0.3 | 1656 |
| 0.9 | 0.1 | 2762 |
| 0.1 | 0.0 | 2472 |
| 0.0 | 0.0 | 1214 |
| 1.2 | 0.7 | 5655 |
| 0.0 | 0.0 | 1926 |
| 0.1 | 0.0 | 5955 |
| 0.5 | 0.5 | 603  |
| 0.0 | 0.0 | 2249 |
| 0.8 | 0.4 | 1417 |
| 2.6 | 1.3 | 1538 |
| 1.2 | 0.5 | 2827 |
| 3.0 | 1.6 | 1876 |
| 3.1 | 1.9 | 1774 |
| 0.0 | 0.0 | 710  |
| 0.4 | 0.0 | 911  |
| 0.0 | 0.0 | 3532 |
| 0.4 | 0.4 | 1454 |
| 0.4 | 0.0 | 698  |
| 0.6 | 0.2 | 436  |

|      |      |      |
|------|------|------|
| 0.2  | 0.0  | 970  |
| 15.1 | 12.7 | 674  |
| 1.5  | 1.0  | 2920 |
| 0.6  | 0.3  | 3094 |
| 0.0  | 0.0  | 4797 |
| 0.3  | 0.1  | 1612 |
| 0.0  | 0.1  | 2028 |
| 5.5  | 5.0  | 1215 |
| 3.7  | 4.2  | 2553 |
| 3.7  | 4.3  | 2553 |
| 6.1  | 5.9  | 3542 |
| 9.9  | 6.0  | 578  |
| 5.8  | 4.7  | 1906 |
| 4.0  | 1.0  | 801  |
| 4.2  | 1.0  | 4962 |
| 2.0  | 0.6  | 1377 |
| 4.4  | 1.4  | 3680 |
| 6.2  | 1.2  | 1133 |
| 0.0  | 0.0  | 1222 |
| 1.0  | 0.4  | 1322 |
| 0.3  | 0.5  | 996  |
| 1.3  | 1.0  | 2208 |
| 0.4  | 0.2  | 1424 |
| 1.0  | 0.5  | 6011 |
| 0.3  | 0.0  | 5984 |
| 0.0  | 0.0  | 420  |
| 0.3  | 0.0  | 1173 |
| 0.1  | 0.2  | 3680 |
| 2.8  | 6.2  | 1080 |
| 1.1  | 0.0  | 1608 |
| 0.1  | 0.0  | 1854 |
| 0.0  | 0.0  | 1074 |
| 0.0  | 0.0  | 966  |
| 3.3  | 4.7  | 601  |
| 0.8  | 1.5  | 4106 |
| 2.1  | 0.9  | 733  |
| 8.1  | 6.7  | 3297 |
| 0.0  | 0.0  | 598  |
| 2.3  | 1.0  | 1821 |
| 0.1  | 0.0  | 4108 |
| 7.7  | 3.1  | 5031 |
| 1.2  | 1.4  | 2665 |
| 0.5  | 0.2  | 3560 |
| 0.2  | 0.0  | 1418 |
| 0.0  | 0.0  | 2281 |
| 0.0  | 0.0  | 1214 |
| 1.5  | 0.5  | 1934 |



|      |     |      |
|------|-----|------|
| 0.3  | 0.0 | 702  |
| 2.2  | 0.0 | 774  |
| 0.1  | 0.1 | 971  |
| 0.0  | 0.0 | 1800 |
| 0.0  | 0.0 | 1076 |
| 0.5  | 0.2 | 3027 |
| 0.0  | 0.0 | 1074 |
| 0.0  | 0.0 | 8428 |
| 0.2  | 0.0 | 1164 |
| 0.4  | 0.0 | 1306 |
| 0.3  | 0.0 | 1362 |
| 0.0  | 0.0 | 1118 |
| 0.0  | 0.0 | 570  |
| 0.0  | 0.0 | 500  |
| 0.1  | 0.0 | 3798 |
| 0.1  | 0.0 | 4108 |
| 0.1  | 0.0 | 4675 |
| 0.0  | 0.0 | 1594 |
| 0.1  | 0.0 | 2379 |
| 1.6  | 1.1 | 2444 |
| 1.5  | 0.4 | 2488 |
| 0.1  | 0.0 | 2936 |
| 10.4 | 6.3 | 2484 |
| 3.6  | 2.7 | 2427 |
| 0.1  | 0.1 | 2097 |
| 0.0  | 0.0 | 1136 |
| 0.0  | 0.0 | 2224 |
| 0.4  | 0.3 | 4723 |
| 0.3  | 0.0 | 3766 |
| 4.8  | 1.7 | 740  |
| 0.0  | 0.0 | 1674 |
| 0.3  | 0.1 | 966  |
| 0.1  | 0.1 | 1690 |
| 1.5  | 0.6 | 4872 |
| 0.1  | 0.0 | 1570 |
| 1.3  | 1.0 | 2180 |
| 1.5  | 2.0 | 733  |
| 0.5  | 0.1 | 2302 |
| 0.3  | 0.4 | 1094 |
| 0.4  | 0.1 | 8706 |
| 1.4  | 0.3 | 6300 |
| 0.1  | 0.0 | 3618 |
| 0.0  | 0.0 | 850  |
| 0.1  | 0.0 | 1252 |
| 0.0  | 0.0 | 1260 |
| 0.0  | 0.2 | 888  |
| 1.1  | 0.3 | 1936 |

|      |      |      |
|------|------|------|
| 0.0  | 0.0  | 822  |
| 0.2  | 0.0  | 6420 |
| 4.2  | 3.4  | 492  |
| 0.1  | 0.0  | 5754 |
| 2.6  | 1.3  | 1268 |
| 1.3  | 0.0  | 738  |
| 0.2  | 0.1  | 1867 |
| 0.0  | 0.0  | 780  |
| 0.0  | 0.3  | 1632 |
| 0.9  | 0.3  | 1498 |
| 0.0  | 0.0  | 3823 |
| 0.1  | 0.0  | 1400 |
| 1.6  | 0.2  | 2001 |
| 0.2  | 0.0  | 6274 |
| 0.4  | 0.1  | 4520 |
| 0.0  | 0.0  | 920  |
| 0.2  | 0.0  | 2148 |
| 0.6  | 0.6  | 2382 |
| 0.0  | 0.0  | 3156 |
| 0.9  | 0.1  | 2406 |
| 0.2  | 0.5  | 3358 |
| 0.0  | 0.0  | 5059 |
| 0.9  | 0.4  | 1400 |
| 0.0  | 0.0  | 3930 |
| 4.0  | 1.0  | 4345 |
| 1.7  | 0.8  | 5000 |
| 0.5  | 0.3  | 776  |
| 1.4  | 0.2  | 4394 |
| 0.0  | 0.0  | 3130 |
| 1.1  | 1.8  | 1598 |
| 0.2  | 0.2  | 5900 |
| 0.6  | 0.5  | 2756 |
| 0.0  | 0.0  | 4051 |
| 3.5  | 5.2  | 1389 |
| 7.4  | 6.7  | 2194 |
| 4.7  | 6.6  | 1408 |
| 0.3  | 0.4  | 590  |
| 0.0  | 0.0  | 956  |
| 0.1  | 0.0  | 1158 |
| 14.5 | 16.0 | 358  |
| 3.2  | 3.5  | 1203 |
| 1.0  | 0.9  | 2067 |
| 0.0  | 0.0  | 3836 |
| 0.2  | 0.0  | 599  |
| 3.4  | 1.5  | 7794 |
| 5.4  | 3.3  | 1008 |
| 0.7  | 0.6  | 1420 |

|      |     |       |
|------|-----|-------|
| 1.4  | 0.6 | 1810  |
| 3.5  | 2.6 | 1304  |
| 0.2  | 0.0 | 413   |
| 0.8  | 1.1 | 793   |
| 0.0  | 0.0 | 2046  |
| 12.5 | 5.3 | 970   |
| 0.0  | 0.0 | 2538  |
| 1.0  | 1.0 | 767   |
| 0.1  | 0.1 | 1882  |
| 0.8  | 0.7 | 703   |
| 0.0  | 0.0 | 5334  |
| 0.2  | 0.3 | 5780  |
| 0.0  | 0.0 | 4744  |
| 0.1  | 0.0 | 1785  |
| 3.4  | 1.1 | 2640  |
| 0.2  | 0.0 | 1326  |
| 0.1  | 0.0 | 1315  |
| 0.0  | 0.0 | 1010  |
| 0.1  | 0.3 | 1446  |
| 0.0  | 0.0 | 2018  |
| 0.0  | 0.3 | 2059  |
| 6.5  | 3.0 | 1344  |
| 0.2  | 0.1 | 1725  |
| 0.0  | 0.0 | 906   |
| 3.7  | 2.8 | 1367  |
| 0.1  | 0.0 | 2836  |
| 0.2  | 0.1 | 5374  |
| 0.0  | 0.0 | 884   |
| 1.1  | 0.6 | 3496  |
| 0.1  | 0.1 | 3874  |
| 4.8  | 3.9 | 1539  |
| 1.1  | 1.9 | 820   |
| 0.4  | 0.6 | 1418  |
| 0.1  | 0.7 | 1164  |
| 0.8  | 1.5 | 573   |
| 0.2  | 0.1 | 876   |
| 0.1  | 0.2 | 1624  |
| 0.1  | 0.2 | 2034  |
| 1.0  | 0.2 | 15149 |
| 2.2  | 1.5 | 472   |
| 0.1  | 0.0 | 1918  |
| 0.9  | 1.0 | 1508  |
| 0.0  | 0.0 | 886   |
| 0.0  | 0.0 | 998   |
| 0.0  | 0.0 | 1544  |
| 0.0  | 0.0 | 1418  |
| 0.5  | 0.5 | 2182  |

|      |      |       |
|------|------|-------|
| 0.1  | 0.0  | 1326  |
| 1.3  | 0.5  | 5133  |
| 0.4  | 0.0  | 3468  |
| 3.1  | 4.7  | 1209  |
| 0.0  | 0.0  | 438   |
| 0.0  | 0.0  | 890   |
| 0.0  | 0.0  | 3836  |
| 0.1  | 0.0  | 3686  |
| 0.1  | 0.0  | 1113  |
| 0.4  | 0.0  | 3222  |
| 0.1  | 0.0  | 6656  |
| 0.0  | 0.0  | 3456  |
| 0.0  | 0.0  | 5422  |
| 2.7  | 2.0  | 633   |
| 3.4  | 1.2  | 669   |
| 1.9  | 1.4  | 2639  |
| 9.2  | 3.2  | 2525  |
| 2.2  | 0.7  | 3450  |
| 1.0  | 0.9  | 4844  |
| 2.9  | 1.6  | 4332  |
| 0.2  | 0.9  | 472   |
| 0.8  | 0.0  | 342   |
| 0.7  | 2.1  | 1112  |
| 1.0  | 0.4  | 1183  |
| 4.3  | 1.8  | 1877  |
| 2.2  | 1.6  | 393   |
| 0.0  | 0.0  | 420   |
| 10.6 | 6.8  | 9642  |
| 18.8 | 15.1 | 786   |
| 1.2  | 0.1  | 4648  |
| 0.0  | 0.0  | 2000  |
| 1.6  | 1.0  | 21147 |
| 3.0  | 1.9  | 6177  |
| 0.0  | 0.0  | 592   |
| 0.8  | 1.5  | 687   |
| 0.0  | 0.0  | 1052  |
| 0.0  | 0.0  | 1294  |
| 0.0  | 0.0  | 3709  |
| 20.7 | 15.6 | 770   |
| 0.0  | 0.0  | 2382  |
| 0.2  | 0.0  | 4185  |
| 0.2  | 0.0  | 3740  |
| 0.0  | 0.0  | 1114  |
| 0.0  | 0.0  | 3390  |
| 0.3  | 0.6  | 1566  |
| 0.1  | 0.0  | 3693  |
| 1.5  | 0.6  | 4134  |

|      |      |        |
|------|------|--------|
| 1.2  | 0.3  | 10493  |
| 0.2  | 0.2  | 9855   |
| 0.1  | 0.0  | 3337   |
| 22.2 | 18.1 | 5687   |
| 0.1  | 0.0  | 11242  |
| 0.0  | 0.0  | 619    |
| 0.7  | 0.3  | 15997  |
| 12.6 | 13.8 | 7741   |
| 0.1  | 0.0  | 11185  |
| 0.1  | 0.0  | 747    |
| 1.7  | 1.7  | 44263  |
| 0.1  | 0.1  | 1882   |
| 0.2  | 0.0  | 12498  |
| 0.3  | 0.2  | 3049   |
| 0.3  | 0.2  | 12588  |
| 2.3  | 3.1  | 33160  |
| 0.1  | 0.2  | 1718   |
| 0.1  | 0.3  | 3487   |
| 0.2  | 0.2  | 12445  |
| 5.8  | 5.5  | 20808  |
| 11.7 | 11.4 | 1971   |
| 5.1  | 4.2  | 1504   |
| 0.2  | 0.0  | 2831   |
| 0.2  | 0.0  | 1907   |
| 0.1  | 0.0  | 3682   |
| 0.1  | 0.0  | 8410   |
| 17.1 | 33.5 | 2201   |
| 2.3  | 3.2  | 1515   |
| 2.3  | 1.3  | 4784   |
| 6.4  | 3.2  | 2535   |
| 6.4  | 4.8  | 19601  |
| 76.7 | 76.9 | 2404   |
| 0.5  | 0.2  | 28689  |
| 0.0  | 0.0  | 10554  |
| 9.1  | 7.7  | 8495   |
| 9.6  | 5.4  | 3366   |
| 0.0  | 0.0  | 1725   |
| 0.2  | 0.0  | 945    |
| 0.1  | 0.0  | 111788 |
| 0.6  | 0.5  | 7840   |
| 79.6 | 81.4 | 3891   |
| 6.3  | 3.1  | 10013  |
| 0.9  | 0.6  | 23468  |
| 0.2  | 0.1  | 7031   |
| 5.0  | 4.6  | 6478   |
| 0.0  | 0.0  | 831    |
| 9.0  | 10.5 | 1745   |

|       |       |       |
|-------|-------|-------|
| 10.3  | 11.3  | 4236  |
| 0.0   | 0.0   | 1655  |
| 0.6   | 0.2   | 3847  |
| 0.4   | 0.2   | 3219  |
| 1.5   | 0.5   | 3791  |
| 0.5   | 0.6   | 5196  |
| 130.6 | 101.4 | 1844  |
| 0.1   | 0.0   | 13149 |
| 2.5   | 2.4   | 4293  |
| 5.4   | 4.0   | 6509  |
| 6.9   | 6.2   | 4401  |
| 1.4   | 1.0   | 3074  |
| 0.0   | 0.0   | 5788  |
| 9.1   | 8.4   | 13426 |
| 34.7  | 42.0  | 4155  |
| 12.1  | 10.4  | 5843  |
| 16.5  | 13.1  | 2537  |
| 0.2   | 0.0   | 4040  |
| 4.3   | 5.7   | 2146  |
| 0.1   | 0.1   | 17670 |
| 1.3   | 0.3   | 6936  |
| 0.2   | 0.2   | 11700 |
| 0.3   | 0.1   | 1725  |
| 0.8   | 0.3   | 2632  |
| 4.8   | 5.0   | 15247 |
| 2.1   | 1.1   | 16941 |
| 26.2  | 23.1  | 6563  |
| 0.3   | 0.1   | 8826  |
| 1.5   | 0.8   | 7822  |
| 1.7   | 1.0   | 15946 |
| 1.5   | 1.1   | 55608 |
| 1.4   | 1.6   | 782   |
| 3.9   | 3.7   | 3987  |
| 1.8   | 1.6   | 1718  |
| 5.9   | 5.6   | 7302  |
| 0.2   | 0.3   | 4939  |
| 0.7   | 0.3   | 2501  |
| 2.2   | 2.7   | 2434  |
| 3.7   | 3.5   | 21194 |
| 0.3   | 0.0   | 6005  |
| 0.0   | 0.0   | 56229 |
| 1.8   | 1.6   | 8324  |
| 0.9   | 0.6   | 3398  |
| 2.0   | 1.5   | 6055  |
| 1.0   | 0.9   | 7281  |
| 0.2   | 0.0   | 7445  |
| 0.5   | 0.0   | 877   |

|      |      |       |
|------|------|-------|
| 3.9  | 2.4  | 21064 |
| 0.0  | 0.0  | 7709  |
| 11.9 | 7.3  | 3822  |
| 8.4  | 3.8  | 7472  |
| 0.2  | 0.0  | 1122  |
| 3.0  | 3.5  | 4115  |
| 0.1  | 0.0  | 4324  |
| 10.3 | 6.8  | 14567 |
| 1.7  | 1.7  | 8373  |
| 1.1  | 0.3  | 1238  |
| 67.9 | 75.3 | 1842  |
| 5.7  | 4.4  | 5505  |
| 5.8  | 7.0  | 5538  |
| 0.3  | 0.1  | 3008  |
| 4.9  | 2.9  | 26737 |
| 0.8  | 0.1  | 1713  |
| 0.0  | 0.0  | 631   |
| 0.3  | 0.0  | 1875  |
| 1.7  | 2.0  | 7869  |
| 21.6 | 11.9 | 4607  |
| 2.8  | 2.3  | 1879  |
| 2.1  | 2.0  | 33203 |
| 0.2  | 0.0  | 4727  |
| 19.4 | 19.5 | 1823  |
| 0.1  | 0.1  | 7232  |
| 36.8 | 42.0 | 1580  |
| 67.9 | 57.8 | 10476 |
| 0.2  | 0.0  | 2650  |
| 0.1  | 0.0  | 3760  |
| 3.4  | 2.3  | 24032 |
| 0.6  | 0.4  | 3510  |
| 0.3  | 0.2  | 5463  |
| 0.0  | 0.0  | 74    |
| 0.0  | 0.0  | 75    |
| 0.0  | 0.0  | 88    |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 68    |
| 0.0  | 0.0  | 73    |
| 7.8  | 16.0 | 85    |
| 0.0  | 0.0  | 60    |
| 0.0  | 0.0  | 94    |
| 0.0  | 0.0  | 68    |
| 0.0  | 0.0  | 72    |
| 0.0  | 0.0  | 84    |
| 0.0  | 0.0  | 82    |
| 0.0  | 0.0  | 74    |
| 0.0  | 0.0  | 62    |

|      |      |     |
|------|------|-----|
| 0.0  | 0.0  | 86  |
| 40.1 | 73.6 | 61  |
| 0.0  | 0.0  | 93  |
| 0.0  | 2.7  | 78  |
| 0.0  | 0.0  | 75  |
| 3.1  | 0.0  | 90  |
| 0.0  | 0.0  | 69  |
| 0.0  | 0.0  | 45  |
| 0.0  | 0.0  | 65  |
| 0.0  | 0.0  | 153 |
| 0.6  | 0.0  | 153 |
| 1.9  | 0.0  | 151 |
| 0.6  | 2.1  | 148 |
| 0.0  | 0.0  | 126 |
| 3.2  | 0.0  | 119 |
| 0.0  | 0.0  | 111 |
| 0.0  | 0.0  | 109 |
| 0.0  | 0.0  | 105 |
| 0.0  | 0.0  | 102 |
| 0.0  | 0.0  | 100 |
| 0.0  | 0.0  | 99  |
| 0.0  | 0.0  | 97  |
| 0.0  | 0.0  | 95  |
| 0.0  | 5.6  | 94  |
| 3.0  | 0.0  | 93  |
| 0.0  | 0.0  | 93  |
| 0.0  | 0.0  | 89  |
| 0.0  | 0.0  | 86  |
| 0.0  | 0.0  | 86  |
| 0.0  | 0.0  | 85  |
| 0.0  | 0.0  | 84  |
| 0.0  | 0.0  | 83  |
| 0.0  | 0.0  | 82  |
| 0.0  | 0.0  | 81  |
| 0.0  | 0.0  | 77  |
| 0.0  | 0.0  | 73  |
| 0.0  | 0.0  | 71  |
| 0.0  | 0.0  | 67  |
| 0.0  | 0.0  | 63  |
| 0.0  | 0.0  | 58  |
| 0.0  | 0.0  | 55  |
| 2.6  | 0.0  | 107 |
| 0.0  | 0.0  | 104 |
| 3.4  | 2.8  | 110 |
| 0.0  | 0.0  | 106 |
| 0.0  | 0.0  | 103 |
| 0.0  | 0.0  | 110 |



|       |       |      |
|-------|-------|------|
| 0.0   | 0.0   | 106  |
| 0.0   | 0.0   | 102  |
| 0.0   | 0.0   | 103  |
| 0.0   | 0.0   | 109  |
| 0.0   | 0.0   | 100  |
| 0.0   | 0.0   | 108  |
| 0.0   | 0.0   | 98   |
| 0.0   | 0.0   | 70   |
| 0.0   | 0.0   | 77   |
| 0.0   | 0.0   | 97   |
| 0.0   | 0.0   | 97   |
| 0.0   | 0.0   | 97   |
| 0.0   | 0.0   | 97   |
| 44.8  | 34.7  | 1781 |
| 1.1   | 0.8   | 9014 |
| 3.6   | 2.8   | 2994 |
| 2.5   | 1.8   | 3373 |
| 13.7  | 1.8   | 117  |
| 0.0   | 0.0   | 1080 |
| 1.6   | 0.0   | 117  |
| 7.8   | 3.5   | 5356 |
| 0.0   | 0.0   | 2894 |
| 0.9   | 0.0   | 100  |
| 0.0   | 0.0   | 63   |
| 0.0   | 0.0   | 79   |
| 0.0   | 0.0   | 80   |
| 0.0   | 1.4   | 73   |
| 0.0   | 0.0   | 83   |
| 0.0   | 0.0   | 87   |
| 0.0   | 0.0   | 87   |
| 4.3   | 1.2   | 87   |
| 0.0   | 0.0   | 92   |
| 0.0   | 0.0   | 79   |
| 1.1   | 2.4   | 88   |
| 4.5   | 3.8   | 83   |
| 0.0   | 1.0   | 100  |
| 0.0   | 0.0   | 79   |
| 0.0   | 0.0   | 85   |
| 0.0   | 0.0   | 83   |
| 0.0   | 0.0   | 95   |
| 0.0   | 0.0   | 84   |
| 0.0   | 0.0   | 101  |
| 130.3 | 295.3 | 180  |
| 0.0   | 0.0   | 66   |
| 0.0   | 0.0   | 60   |
| 123.5 | 65.0  | 90   |
| 142.3 | 40.7  | 131  |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 110   |
| 25.0 | 8.8  | 83    |
| 0.0  | 0.0  | 69    |
| 0.0  | 0.0  | 117   |
| 0.0  | 0.0  | 56    |
| 0.0  | 0.0  | 99    |
| 0.0  | 0.0  | 100   |
| 11.8 | 17.4 | 96    |
| 0.0  | 0.0  | 95    |
| 0.0  | 0.0  | 97    |
| 0.0  | 0.0  | 99    |
| 0.0  | 0.0  | 105   |
| 0.0  | 0.0  | 111   |
| 11.9 | 7.3  | 2215  |
| 0.0  | 0.0  | 12349 |
| 10.0 | 7.1  | 6183  |
| 0.8  | 0.8  | 4536  |
| 7.7  | 12.5 | 2903  |
| 3.3  | 3.0  | 4746  |
| 0.4  | 0.3  | 24552 |
| 4.8  | 3.3  | 3469  |
| 0.1  | 0.0  | 1513  |
| 0.4  | 1.0  | 742   |
| 7.9  | 11.9 | 13400 |
| 29.0 | 48.3 | 1161  |
| 0.6  | 0.2  | 1998  |
| 0.1  | 0.0  | 1867  |
| 1.6  | 0.0  | 1540  |
| 79.5 | 74.7 | 1032  |
| 0.5  | 0.6  | 11088 |
| 0.7  | 0.3  | 8617  |
| 8.4  | 8.8  | 5509  |
| 3.0  | 2.7  | 6998  |
| 2.3  | 1.4  | 5887  |
| 2.7  | 1.2  | 10973 |
| 3.6  | 2.7  | 13953 |
| 2.2  | 2.6  | 10541 |
| 3.6  | 3.3  | 7124  |
| 6.0  | 5.4  | 13118 |
| 14.5 | 19.2 | 1498  |
| 2.1  | 1.8  | 1886  |
| 5.5  | 3.7  | 22817 |
| 5.9  | 9.6  | 2252  |
| 19.7 | 11.9 | 1119  |
| 1.0  | 1.4  | 11397 |
| 8.6  | 8.9  | 4412  |
| 30.7 | 38.6 | 4353  |

|       |       |       |
|-------|-------|-------|
| 0.0   | 0.0   | 4117  |
| 1.9   | 1.1   | 17945 |
| 8.5   | 8.6   | 5845  |
| 0.9   | 0.9   | 8392  |
| 3.8   | 3.4   | 10646 |
| 1.7   | 1.6   | 6256  |
| 41.9  | 39.4  | 5628  |
| 0.0   | 0.0   | 12426 |
| 0.1   | 0.0   | 17703 |
| 8.8   | 4.6   | 3817  |
| 0.0   | 0.0   | 14316 |
| 0.6   | 0.6   | 5515  |
| 4.0   | 2.5   | 13196 |
| 12.7  | 12.4  | 4490  |
| 0.4   | 0.1   | 1309  |
| 2.2   | 2.2   | 1567  |
| 2.8   | 2.3   | 19240 |
| 4.1   | 6.6   | 1714  |
| 1.2   | 0.5   | 7329  |
| 438.7 | 609.1 | 485   |
| 2.2   | 1.1   | 2334  |
| 0.1   | 0.0   | 1454  |
| 0.5   | 0.5   | 22820 |
| 20.6  | 17.0  | 3683  |
| 1.4   | 1.4   | 4847  |
| 0.1   | 0.0   | 10010 |
| 4.2   | 3.5   | 9424  |
| 0.1   | 0.0   | 2932  |
| 0.0   | 0.0   | 34587 |
| 0.0   | 0.0   | 3514  |
| 0.0   | 0.1   | 5130  |
| 3.0   | 3.1   | 16976 |
| 0.2   | 0.0   | 4305  |
| 5.0   | 3.8   | 4790  |
| 0.0   | 0.1   | 1367  |
| 5.4   | 5.5   | 1061  |
| 4.9   | 4.3   | 19183 |
| 62.2  | 55.1  | 2879  |
| 0.2   | 0.0   | 1557  |
| 6.0   | 7.0   | 7500  |
| 5.2   | 4.3   | 2140  |
| 1.3   | 1.2   | 4161  |
| 1.4   | 2.3   | 4188  |
| 1.8   | 1.2   | 2272  |
| 0.1   | 0.0   | 3153  |
| 11.0  | 6.3   | 2920  |
| 0.5   | 0.0   | 1022  |

|      |      |       |
|------|------|-------|
| 2.1  | 1.4  | 45101 |
| 13.7 | 11.7 | 4902  |
| 14.5 | 12.8 | 16743 |
| 9.3  | 9.4  | 10419 |
| 0.3  | 0.2  | 903   |
| 0.0  | 0.0  | 9827  |
| 0.3  | 0.0  | 753   |
| 0.1  | 0.1  | 8948  |
| 21.2 | 10.9 | 2791  |
| 0.2  | 0.0  | 3961  |
| 2.5  | 2.0  | 5761  |
| 0.0  | 0.0  | 7406  |
| 2.8  | 1.6  | 7779  |
| 1.5  | 2.1  | 4818  |
| 0.4  | 0.0  | 3330  |
| 0.4  | 0.3  | 3185  |
| 2.6  | 1.4  | 2100  |
| 0.0  | 0.0  | 2082  |
| 0.0  | 0.0  | 731   |
| 1.7  | 1.0  | 13328 |
| 1.3  | 0.3  | 4877  |
| 3.6  | 2.2  | 702   |
| 0.2  | 0.0  | 8127  |
| 3.5  | 3.2  | 4412  |
| 1.1  | 0.8  | 2119  |
| 10.6 | 6.5  | 23317 |
| 0.0  | 0.0  | 700   |
| 0.0  | 0.0  | 6726  |
| 0.0  | 0.1  | 6001  |
| 4.3  | 2.7  | 2218  |
| 0.1  | 0.0  | 4546  |
| 0.1  | 0.0  | 3690  |
| 1.0  | 0.4  | 34148 |
| 2.6  | 2.3  | 26057 |
| 2.9  | 2.4  | 1408  |
| 17.5 | 14.8 | 5307  |
| 3.2  | 2.1  | 1397  |
| 3.8  | 3.4  | 2214  |
| 4.6  | 3.9  | 1998  |
| 4.5  | 3.1  | 1998  |
| 4.0  | 4.3  | 21822 |
| 0.3  | 0.0  | 5801  |
| 3.1  | 2.3  | 8606  |
| 1.7  | 0.9  | 4206  |
| 1.5  | 0.9  | 4089  |
| 2.6  | 2.2  | 2171  |
| 0.8  | 0.4  | 8233  |

|      |      |       |
|------|------|-------|
| 3.7  | 3.5  | 8069  |
| 0.3  | 0.1  | 4374  |
| 0.3  | 0.1  | 7846  |
| 15.7 | 10.8 | 9423  |
| 29.6 | 19.4 | 2974  |
| 0.3  | 1.1  | 3136  |
| 5.3  | 4.5  | 2222  |
| 0.0  | 0.0  | 8368  |
| 0.1  | 0.0  | 4918  |
| 3.0  | 3.7  | 4642  |
| 0.1  | 0.0  | 11378 |
| 0.1  | 0.0  | 5042  |
| 0.2  | 0.0  | 2370  |
| 42.9 | 31.4 | 26925 |
| 4.1  | 3.1  | 4042  |
| 0.2  | 0.0  | 900   |
| 0.1  | 0.2  | 2212  |
| 0.0  | 0.0  | 2087  |
| 0.3  | 0.0  | 2323  |
| 0.2  | 0.7  | 946   |
| 6.5  | 8.2  | 2969  |
| 9.5  | 5.3  | 1750  |
| 16.2 | 12.4 | 717   |
| 2.9  | 3.0  | 1996  |
| 3.8  | 5.2  | 1957  |
| 7.3  | 8.3  | 2029  |
| 0.0  | 0.0  | 948   |
| 0.0  | 0.0  | 1913  |
| 0.1  | 0.0  | 1420  |
| 0.6  | 0.0  | 980   |
| 4.6  | 2.2  | 2858  |
| 25.3 | 29.3 | 3210  |
| 0.6  | 0.3  | 2133  |
| 0.2  | 0.0  | 2047  |
| 0.1  | 0.0  | 2196  |
| 1.1  | 0.3  | 1717  |
| 1.5  | 0.6  | 1091  |
| 1.0  | 1.0  | 11563 |
| 0.0  | 0.1  | 928   |
| 0.4  | 0.0  | 1327  |
| 0.2  | 0.0  | 4523  |
| 1.3  | 3.2  | 3430  |
| 1.6  | 0.7  | 2538  |
| 0.1  | 0.0  | 2345  |
| 2.9  | 1.0  | 8751  |
| 0.1  | 0.1  | 4123  |
| 0.0  | 0.0  | 4755  |

|      |      |       |
|------|------|-------|
| 0.9  | 0.4  | 9732  |
| 0.1  | 0.0  | 653   |
| 0.2  | 0.3  | 1507  |
| 9.3  | 7.2  | 8265  |
| 0.0  | 0.0  | 1029  |
| 11.0 | 6.4  | 2979  |
| 2.3  | 2.0  | 13509 |
| 7.1  | 4.0  | 12306 |
| 0.7  | 0.3  | 8058  |
| 13.4 | 12.5 | 6426  |
| 5.0  | 4.7  | 7242  |
| 24.6 | 18.2 | 3804  |
| 0.5  | 0.0  | 2710  |
| 11.2 | 9.0  | 3352  |
| 0.0  | 0.0  | 13217 |
| 2.5  | 1.1  | 2992  |
| 0.5  | 0.3  | 2373  |
| 29.9 | 14.9 | 2725  |
| 59.0 | 51.7 | 6752  |
| 0.4  | 0.2  | 11918 |
| 0.9  | 0.4  | 3174  |
| 2.3  | 1.3  | 20779 |
| 18.6 | 14.7 | 3949  |
| 0.1  | 0.0  | 1987  |
| 7.0  | 6.3  | 1681  |
| 1.0  | 1.3  | 8453  |
| 0.6  | 0.5  | 8187  |
| 2.2  | 1.1  | 4576  |
| 0.2  | 0.1  | 6127  |
| 0.0  | 0.0  | 3026  |
| 10.1 | 6.3  | 3347  |
| 0.8  | 0.2  | 3435  |
| 0.5  | 0.3  | 2076  |
| 5.1  | 4.1  | 17555 |
| 0.0  | 0.0  | 1158  |
| 2.8  | 2.5  | 23165 |
| 1.0  | 0.4  | 27908 |
| 18.1 | 22.7 | 5913  |
| 1.2  | 1.2  | 30570 |
| 0.3  | 0.2  | 7675  |
| 6.2  | 4.0  | 4515  |
| 0.1  | 0.0  | 2779  |
| 0.5  | 0.0  | 926   |
| 1.8  | 0.7  | 6133  |
| 7.4  | 4.8  | 1374  |
| 6.9  | 8.2  | 22425 |
| 0.0  | 0.0  | 882   |

|      |      |       |
|------|------|-------|
| 0.1  | 0.0  | 858   |
| 3.7  | 2.9  | 7622  |
| 11.6 | 15.7 | 7551  |
| 0.7  | 0.7  | 5817  |
| 4.3  | 4.3  | 1048  |
| 1.4  | 0.7  | 5211  |
| 5.0  | 6.8  | 19329 |
| 0.0  | 0.0  | 3073  |
| 2.1  | 1.9  | 13557 |
| 0.0  | 0.0  | 20640 |
| 14.6 | 17.3 | 4569  |
| 10.8 | 8.8  | 1090  |
| 0.0  | 0.0  | 6008  |
| 5.6  | 4.2  | 2860  |
| 0.6  | 1.2  | 622   |
| 6.8  | 3.0  | 10974 |
| 8.2  | 7.1  | 7802  |
| 0.1  | 0.2  | 1911  |
| 51.0 | 50.0 | 1096  |
| 1.0  | 0.4  | 16607 |
| 2.9  | 1.0  | 14863 |
| 1.4  | 1.7  | 733   |
| 0.8  | 0.3  | 4430  |
| 0.1  | 0.0  | 1091  |
| 0.8  | 0.3  | 6831  |
| 0.1  | 0.0  | 6210  |
| 0.2  | 0.0  | 1895  |
| 0.0  | 0.0  | 2262  |
| 6.6  | 5.3  | 12083 |
| 2.6  | 1.8  | 8572  |
| 0.1  | 0.0  | 10652 |
| 0.1  | 0.2  | 2340  |
| 1.8  | 1.2  | 4466  |
| 1.8  | 1.9  | 5107  |
| 1.0  | 0.6  | 17485 |
| 10.4 | 4.6  | 6334  |
| 1.5  | 1.0  | 5115  |
| 0.1  | 0.3  | 2185  |
| 16.4 | 9.0  | 1987  |
| 20.1 | 15.3 | 2032  |
| 10.8 | 10.7 | 1951  |
| 6.8  | 4.2  | 3475  |
| 0.7  | 0.1  | 1700  |
| 8.4  | 5.3  | 3034  |
| 3.8  | 4.3  | 1787  |
| 14.7 | 12.5 | 4342  |
| 0.0  | 0.0  | 1869  |

|       |       |       |
|-------|-------|-------|
| 91.9  | 74.9  | 3593  |
| 4.8   | 3.5   | 4439  |
| 14.7  | 11.2  | 1994  |
| 0.1   | 0.0   | 1857  |
| 14.9  | 10.6  | 3593  |
| 0.0   | 0.0   | 1936  |
| 0.3   | 0.2   | 2107  |
| 2.2   | 1.4   | 3058  |
| 0.5   | 1.4   | 2145  |
| 1.7   | 1.1   | 36134 |
| 5.9   | 3.9   | 7978  |
| 0.1   | 0.0   | 4973  |
| 17.7  | 19.3  | 2080  |
| 2.6   | 2.1   | 12665 |
| 0.0   | 0.0   | 14003 |
| 1.5   | 1.0   | 18929 |
| 0.0   | 0.0   | 26138 |
| 0.0   | 0.1   | 7650  |
| 8.5   | 7.5   | 13711 |
| 8.4   | 11.0  | 3311  |
| 1.2   | 0.4   | 562   |
| 3.1   | 3.4   | 3540  |
| 65.5  | 68.6  | 604   |
| 2.7   | 1.8   | 10970 |
| 0.8   | 0.6   | 6862  |
| 6.7   | 7.1   | 3834  |
| 0.9   | 0.2   | 27562 |
| 0.6   | 0.3   | 3288  |
| 0.2   | 0.0   | 3431  |
| 0.0   | 0.0   | 82    |
| 0.1   | 0.0   | 11221 |
| 279.4 | 353.1 | 1609  |
| 0.7   | 0.4   | 5257  |
| 11.3  | 8.8   | 33200 |
| 0.7   | 0.1   | 1520  |
| 14.5  | 11.0  | 17461 |
| 14.7  | 24.7  | 13879 |
| 16.0  | 15.3  | 5213  |
| 11.8  | 11.1  | 2858  |
| 0.3   | 0.0   | 4801  |
| 2.9   | 2.0   | 2673  |
| 1.7   | 1.8   | 1909  |
| 13.0  | 10.9  | 2696  |
| 14.6  | 13.9  | 4568  |
| 1.2   | 1.5   | 2163  |
| 13.6  | 17.8  | 7639  |
| 3.3   | 2.2   | 14975 |



|      |      |       |
|------|------|-------|
| 3.3  | 1.0  | 2732  |
| 0.7  | 0.6  | 10515 |
| 0.1  | 0.0  | 4502  |
| 4.0  | 4.2  | 2818  |
| 12.8 | 9.5  | 6736  |
| 1.2  | 1.5  | 9453  |
| 1.4  | 1.5  | 6251  |
| 0.5  | 0.0  | 1436  |
| 3.4  | 2.1  | 3656  |
| 4.4  | 3.3  | 5201  |
| 5.0  | 4.2  | 2463  |
| 0.0  | 0.0  | 1555  |
| 0.9  | 0.0  | 660   |
| 0.8  | 0.2  | 1825  |
| 0.7  | 0.4  | 8064  |
| 1.3  | 0.8  | 20654 |
| 6.5  | 6.0  | 3854  |
| 0.3  | 0.0  | 2647  |
| 0.0  | 0.0  | 850   |
| 0.0  | 0.0  | 675   |
| 0.0  | 0.0  | 6819  |
| 16.5 | 20.8 | 1905  |
| 5.9  | 6.2  | 7594  |
| 0.1  | 0.0  | 2754  |
| 3.3  | 2.6  | 5802  |
| 0.6  | 0.8  | 3459  |
| 0.7  | 0.5  | 2282  |
| 1.2  | 0.8  | 7014  |
| 0.4  | 0.3  | 11582 |
| 0.0  | 0.0  | 11083 |
| 6.1  | 2.2  | 7042  |
| 7.1  | 13.3 | 2740  |
| 0.2  | 0.3  | 5744  |
| 0.9  | 0.3  | 2713  |
| 5.2  | 5.4  | 1213  |
| 9.7  | 5.9  | 11109 |
| 2.1  | 2.1  | 6059  |
| 33.1 | 43.3 | 2986  |
| 6.5  | 5.5  | 15113 |
| 4.8  | 2.8  | 17482 |
| 0.2  | 0.2  | 12645 |
| 0.5  | 1.6  | 1439  |
| 1.5  | 0.4  | 5408  |
| 13.7 | 12.2 | 13385 |
| 30.8 | 27.3 | 4074  |
| 21.7 | 15.9 | 3021  |
| 2.3  | 2.8  | 1689  |

|       |       |       |
|-------|-------|-------|
| 6.9   | 4.2   | 2488  |
| 6.3   | 3.3   | 23748 |
| 7.7   | 5.5   | 8485  |
| 0.0   | 0.0   | 722   |
| 0.0   | 0.0   | 11468 |
| 1.5   | 0.5   | 10247 |
| 0.0   | 0.2   | 4454  |
| 0.1   | 0.3   | 1606  |
| 0.0   | 0.0   | 17270 |
| 0.0   | 0.0   | 3116  |
| 0.7   | 0.5   | 4258  |
| 484.2 | 636.0 | 1285  |
| 20.7  | 12.9  | 3881  |
| 0.0   | 0.0   | 532   |
| 7.5   | 6.1   | 8227  |
| 0.1   | 0.0   | 1947  |
| 19.1  | 9.0   | 6148  |
| 0.0   | 0.0   | 8325  |
| 3.0   | 1.6   | 22560 |
| 2.4   | 1.2   | 4027  |
| 0.2   | 0.1   | 2011  |
| 0.1   | 0.8   | 3940  |
| 1.3   | 0.1   | 6001  |
| 15.0  | 21.8  | 1372  |
| 0.9   | 0.7   | 2188  |
| 43.3  | 31.2  | 772   |
| 4.2   | 2.8   | 5441  |
| 0.2   | 0.1   | 19209 |
| 0.3   | 0.0   | 1328  |
| 0.2   | 0.0   | 7670  |
| 0.8   | 0.0   | 1120  |
| 0.5   | 0.0   | 1172  |
| 26.1  | 23.5  | 4940  |
| 0.3   | 0.1   | 4193  |
| 1.1   | 0.2   | 18132 |
| 7.2   | 5.3   | 3102  |
| 0.0   | 0.0   | 12726 |
| 3.8   | 3.1   | 7197  |
| 0.3   | 0.1   | 5389  |
| 11.6  | 9.0   | 1243  |
| 9.1   | 6.1   | 3284  |
| 4.5   | 3.3   | 1843  |
| 3.3   | 2.2   | 2211  |
| 0.6   | 0.5   | 1997  |
| 14.0  | 9.8   | 2550  |
| 32.6  | 37.6  | 1236  |
| 2.3   | 1.0   | 2297  |

|       |       |       |
|-------|-------|-------|
| 4.0   | 2.3   | 2235  |
| 0.2   | 0.0   | 1710  |
| 1.2   | 0.9   | 2100  |
| 3.6   | 2.8   | 1618  |
| 11.5  | 10.8  | 2640  |
| 0.4   | 0.1   | 1935  |
| 0.0   | 0.0   | 1182  |
| 0.1   | 0.0   | 5261  |
| 6.7   | 9.1   | 1041  |
| 0.2   | 0.0   | 1203  |
| 2.4   | 0.4   | 1642  |
| 0.7   | 0.2   | 1299  |
| 5.3   | 2.0   | 1442  |
| 2.8   | 0.8   | 2689  |
| 0.1   | 0.0   | 1209  |
| 0.3   | 0.1   | 1758  |
| 0.9   | 0.4   | 2420  |
| 5.0   | 5.9   | 2154  |
| 6.2   | 5.6   | 3863  |
| 72.5  | 76.5  | 1243  |
| 0.9   | 0.2   | 1798  |
| 0.0   | 0.0   | 1294  |
| 0.9   | 0.5   | 2210  |
| 16.5  | 19.1  | 1677  |
| 209.0 | 153.1 | 1762  |
| 85.1  | 166.2 | 744   |
| 0.2   | 0.2   | 33525 |
| 3.1   | 2.4   | 17178 |
| 0.2   | 0.0   | 3282  |
| 8.1   | 7.7   | 10271 |
| 3.6   | 1.0   | 20722 |
| 0.0   | 0.0   | 13412 |
| 0.2   | 0.0   | 9075  |
| 2.6   | 2.3   | 24848 |
| 10.1  | 11.1  | 3118  |
| 0.4   | 0.4   | 3711  |
| 11.9  | 11.4  | 2130  |
| 0.0   | 0.0   | 479   |
| 0.9   | 1.2   | 15074 |
| 0.4   | 0.1   | 3775  |
| 0.0   | 0.0   | 9198  |
| 29.1  | 45.1  | 1287  |
| 8.9   | 8.8   | 4666  |
| 95.7  | 1.5   | 2025  |
| 58.4  | 58.8  | 2873  |
| 4.5   | 1.8   | 2958  |
| 5.6   | 5.7   | 1203  |

|      |      |       |
|------|------|-------|
| 0.0  | 0.3  | 1233  |
| 0.4  | 0.5  | 694   |
| 3.6  | 2.4  | 1935  |
| 3.9  | 3.9  | 3324  |
| 13.9 | 6.7  | 2708  |
| 39.2 | 39.2 | 2707  |
| 5.4  | 4.8  | 7222  |
| 0.1  | 0.0  | 2896  |
| 2.3  | 1.8  | 10406 |
| 16.4 | 11.6 | 1794  |
| 0.1  | 0.2  | 7984  |
| 0.0  | 0.0  | 12172 |
| 4.1  | 0.7  | 764   |
| 19.4 | 8.2  | 2646  |
| 5.2  | 10.5 | 17697 |
| 18.8 | 11.0 | 4270  |
| 31.3 | 29.7 | 1107  |
| 1.3  | 0.2  | 586   |
| 14.9 | 12.9 | 6650  |
| 0.0  | 0.0  | 2761  |
| 0.1  | 0.0  | 3986  |
| 1.0  | 1.0  | 5304  |
| 4.0  | 2.3  | 3061  |
| 1.5  | 0.9  | 4426  |
| 7.3  | 6.3  | 8719  |
| 0.2  | 0.0  | 1331  |
| 0.3  | 0.0  | 5515  |
| 0.1  | 0.0  | 5199  |
| 0.0  | 0.0  | 1645  |
| 1.7  | 0.8  | 1644  |
| 11.1 | 2.9  | 2246  |
| 1.5  | 1.7  | 8884  |
| 0.0  | 0.0  | 1170  |
| 4.4  | 4.0  | 34673 |
| 38.0 | 35.3 | 3430  |
| 0.2  | 0.0  | 2509  |
| 7.1  | 6.8  | 9251  |
| 2.8  | 2.2  | 3632  |
| 0.0  | 0.0  | 3905  |
| 22.0 | 19.4 | 3328  |
| 0.0  | 0.0  | 482   |
| 0.5  | 0.0  | 1109  |
| 0.0  | 0.0  | 615   |
| 1.7  | 1.3  | 20347 |
| 0.6  | 0.7  | 8650  |
| 0.9  | 0.4  | 15957 |
| 62.3 | 52.9 | 2843  |

|       |       |       |
|-------|-------|-------|
| 0.0   | 0.0   | 1266  |
| 0.5   | 0.1   | 1625  |
| 11.2  | 11.6  | 5335  |
| 22.8  | 23.2  | 1439  |
| 0.1   | 0.0   | 12456 |
| 10.0  | 9.8   | 14686 |
| 0.3   | 0.1   | 1823  |
| 0.2   | 0.7   | 880   |
| 1.2   | 0.8   | 3378  |
| 11.3  | 5.4   | 2458  |
| 56.5  | 66.8  | 2731  |
| 23.4  | 14.4  | 3624  |
| 53.1  | 40.4  | 4786  |
| 1.8   | 1.1   | 2639  |
| 1.6   | 1.1   | 3572  |
| 1.7   | 1.1   | 14139 |
| 0.4   | 0.1   | 2864  |
| 0.8   | 1.0   | 2200  |
| 2.6   | 2.0   | 4811  |
| 11.0  | 10.1  | 2361  |
| 0.0   | 0.0   | 460   |
| 0.0   | 0.0   | 2590  |
| 0.5   | 0.2   | 5006  |
| 42.2  | 32.8  | 2058  |
| 293.2 | 319.5 | 5982  |
| 10.7  | 4.4   | 2965  |
| 278.1 | 315.4 | 3966  |
| 14.1  | 8.3   | 3404  |
| 51.0  | 81.1  | 3242  |
| 6.2   | 5.8   | 4772  |
| 31.2  | 35.7  | 5195  |
| 83.7  | 121.5 | 573   |
| 0.1   | 0.0   | 2472  |
| 9.6   | 7.1   | 16808 |
| 12.9  | 10.6  | 2481  |
| 0.0   | 0.0   | 1905  |
| 0.3   | 0.0   | 11236 |
| 0.3   | 0.1   | 1566  |
| 0.4   | 0.4   | 3554  |
| 0.1   | 0.0   | 2095  |
| 16.1  | 13.4  | 15800 |
| 6.9   | 6.9   | 4099  |
| 0.0   | 0.0   | 1256  |
| 0.5   | 0.1   | 1869  |
| 11.0  | 9.9   | 693   |
| 1.1   | 0.8   | 12749 |
| 36.7  | 22.0  | 3961  |

|       |       |       |
|-------|-------|-------|
| 26.0  | 24.3  | 2518  |
| 16.6  | 9.8   | 5072  |
| 15.2  | 10.7  | 1126  |
| 0.2   | 0.0   | 10015 |
| 21.3  | 20.1  | 11269 |
| 8.3   | 3.5   | 3215  |
| 3.4   | 2.6   | 3891  |
| 14.6  | 14.9  | 7191  |
| 0.2   | 0.0   | 2813  |
| 0.1   | 0.0   | 2592  |
| 18.6  | 15.4  | 2543  |
| 10.2  | 7.8   | 4404  |
| 0.8   | 0.1   | 6815  |
| 38.4  | 23.2  | 6125  |
| 5.0   | 3.7   | 9294  |
| 1.7   | 0.6   | 2252  |
| 638.6 | 552.4 | 507   |
| 2.8   | 0.9   | 4772  |
| 8.4   | 5.3   | 3653  |
| 0.0   | 0.0   | 3524  |
| 4.6   | 3.2   | 2297  |
| 0.6   | 0.0   | 453   |
| 0.0   | 0.0   | 208   |
| 0.7   | 0.0   | 520   |
| 0.6   | 0.0   | 483   |
| 0.0   | 0.0   | 240   |
| 0.0   | 0.0   | 147   |
| 0.0   | 0.0   | 198   |
| 0.0   | 0.0   | 252   |
| 0.0   | 0.0   | 192   |
| 0.0   | 0.0   | 171   |
| 0.0   | 0.0   | 219   |
| 0.0   | 0.0   | 255   |
| 0.0   | 0.0   | 273   |
| 0.0   | 0.0   | 159   |
| 0.0   | 0.0   | 219   |
| 0.0   | 0.0   | 189   |
| 3.6   | 0.9   | 3822  |
| 8.2   | 1.6   | 4125  |
| 1.2   | 0.5   | 2908  |
| 3.2   | 2.5   | 10396 |
| 0.5   | 0.1   | 6428  |
| 4.4   | 1.6   | 11296 |
| 12.4  | 9.8   | 2615  |
| 0.3   | 0.1   | 1182  |
| 2.0   | 1.9   | 4073  |
| 1.2   | 1.4   | 7799  |

|      |      |       |
|------|------|-------|
| 2.3  | 1.1  | 3237  |
| 4.9  | 3.5  | 2544  |
| 1.0  | 1.7  | 1552  |
| 0.3  | 0.2  | 4718  |
| 7.9  | 9.8  | 4460  |
| 0.1  | 0.1  | 12520 |
| 18.5 | 10.3 | 5052  |
| 0.2  | 0.0  | 2101  |
| 3.6  | 5.8  | 3048  |
| 5.6  | 2.8  | 3353  |
| 4.2  | 1.7  | 5891  |
| 6.2  | 6.5  | 4341  |
| 2.1  | 0.9  | 25248 |
| 0.1  | 0.0  | 3720  |
| 50.7 | 60.3 | 1077  |
| 0.0  | 0.1  | 6278  |
| 0.9  | 0.4  | 9859  |
| 16.0 | 15.5 | 2941  |
| 9.7  | 10.7 | 2913  |
| 9.5  | 7.6  | 3308  |
| 3.1  | 1.2  | 17122 |
| 3.9  | 3.0  | 10516 |
| 0.0  | 0.0  | 1353  |
| 17.2 | 14.2 | 9039  |
| 0.1  | 0.1  | 18300 |
| 0.0  | 0.0  | 718   |
| 2.2  | 1.1  | 6383  |
| 0.0  | 0.1  | 2974  |
| 1.2  | 0.6  | 24799 |
| 0.1  | 0.1  | 2921  |
| 0.0  | 0.0  | 7027  |
| 0.4  | 0.5  | 5950  |
| 0.0  | 0.0  | 15645 |
| 0.2  | 0.2  | 11603 |
| 6.5  | 7.8  | 2307  |
| 15.9 | 18.2 | 10837 |
| 9.7  | 4.5  | 8997  |
| 1.4  | 1.1  | 10613 |
| 3.9  | 2.5  | 8822  |
| 5.9  | 4.5  | 1447  |
| 1.8  | 2.6  | 4337  |
| 0.0  | 0.0  | 12443 |
| 8.2  | 4.8  | 10156 |
| 0.5  | 0.3  | 1724  |
| 27.7 | 22.4 | 1321  |
| 10.4 | 9.4  | 5627  |
| 0.4  | 0.0  | 6267  |

|       |       |       |
|-------|-------|-------|
| 0.1   | 0.0   | 3413  |
| 21.4  | 14.4  | 10900 |
| 55.1  | 46.1  | 2932  |
| 2.3   | 1.9   | 8937  |
| 6.9   | 6.3   | 11563 |
| 0.1   | 0.0   | 5384  |
| 0.0   | 0.0   | 2393  |
| 0.0   | 0.0   | 14706 |
| 0.4   | 0.2   | 5720  |
| 9.1   | 8.0   | 2259  |
| 12.5  | 10.7  | 1223  |
| 0.3   | 0.1   | 2067  |
| 5.1   | 4.8   | 1667  |
| 0.0   | 0.0   | 6747  |
| 0.0   | 0.0   | 10546 |
| 8.1   | 6.2   | 1909  |
| 1.2   | 1.0   | 6528  |
| 0.7   | 0.7   | 11253 |
| 1.2   | 1.4   | 4128  |
| 18.2  | 16.5  | 600   |
| 2.6   | 0.9   | 7047  |
| 12.0  | 12.4  | 3856  |
| 2.4   | 2.3   | 3673  |
| 0.4   | 0.1   | 8494  |
| 4.2   | 3.1   | 1010  |
| 6.4   | 5.1   | 9503  |
| 0.0   | 0.0   | 2023  |
| 2.5   | 2.1   | 3330  |
| 2.6   | 1.6   | 5693  |
| 0.0   | 0.0   | 6297  |
| 5.9   | 5.9   | 3568  |
| 10.5  | 9.8   | 6788  |
| 11.3  | 7.0   | 5519  |
| 3.3   | 2.3   | 25534 |
| 0.8   | 0.4   | 12107 |
| 0.0   | 0.0   | 69    |
| 24.6  | 27.5  | 4336  |
| 2.2   | 2.0   | 8334  |
| 4.2   | 4.6   | 7363  |
| 651.7 | 543.9 | 4771  |
| 0.3   | 0.2   | 35662 |
| 30.1  | 26.8  | 1537  |
| 2.6   | 1.3   | 11210 |
| 17.4  | 15.0  | 7492  |
| 1.6   | 0.9   | 3904  |
| 8.6   | 16.7  | 2703  |
| 10.8  | 5.8   | 5430  |



|       |       |       |
|-------|-------|-------|
| 1.8   | 2.6   | 2629  |
| 0.2   | 0.0   | 5329  |
| 6.3   | 10.2  | 1909  |
| 0.0   | 0.0   | 10911 |
| 0.2   | 0.1   | 9651  |
| 8.5   | 4.8   | 6721  |
| 5.4   | 4.2   | 3891  |
| 2.7   | 0.8   | 8647  |
| 19.4  | 16.0  | 6147  |
| 0.1   | 0.0   | 6908  |
| 18.1  | 28.1  | 490   |
| 0.5   | 0.2   | 8881  |
| 0.6   | 0.5   | 4060  |
| 0.5   | 0.2   | 7263  |
| 1.0   | 0.2   | 5428  |
| 2.7   | 4.4   | 4070  |
| 1.9   | 3.4   | 2050  |
| 0.0   | 0.0   | 14156 |
| 3.1   | 2.5   | 11163 |
| 0.8   | 0.2   | 8337  |
| 1.7   | 1.1   | 6827  |
| 1.6   | 1.2   | 7837  |
| 8.6   | 7.4   | 13775 |
| 2.6   | 2.4   | 14667 |
| 25.5  | 22.6  | 772   |
| 0.3   | 0.2   | 24711 |
| 0.3   | 0.0   | 5420  |
| 4.1   | 3.9   | 8449  |
| 0.3   | 0.2   | 1972  |
| 0.8   | 0.4   | 7988  |
| 7.7   | 6.1   | 5954  |
| 0.0   | 0.0   | 1293  |
| 0.4   | 0.5   | 15054 |
| 182.9 | 163.8 | 4589  |
| 11.4  | 8.7   | 2173  |
| 3.6   | 2.1   | 4287  |
| 5.5   | 3.5   | 6382  |
| 6.6   | 3.4   | 5947  |
| 1.4   | 1.4   | 24155 |
| 1.7   | 1.2   | 2680  |
| 0.0   | 0.0   | 25324 |
| 0.1   | 0.0   | 15137 |
| 5.6   | 4.6   | 5189  |
| 12.8  | 9.7   | 4279  |
| 8.0   | 5.6   | 10233 |
| 0.0   | 0.1   | 5537  |
| 5.9   | 7.5   | 15114 |

|        |        |       |
|--------|--------|-------|
| 5.0    | 2.8    | 3921  |
| 7.2    | 4.7    | 15033 |
| 10.1   | 9.1    | 4217  |
| 2.8    | 2.6    | 10759 |
| 0.1    | 0.0    | 1073  |
| 2.0    | 0.9    | 74956 |
| 1179.5 | 3507.8 | 5945  |
| 0.0    | 0.0    | 5799  |
| 7.3    | 4.4    | 3933  |
| 3.4    | 3.8    | 3044  |
| 0.3    | 0.5    | 1636  |
| 0.0    | 0.0    | 2338  |
| 11.0   | 6.2    | 3384  |
| 1.2    | 0.3    | 1185  |
| 10.3   | 5.5    | 4953  |
| 3.8    | 3.5    | 14079 |
| 0.9    | 0.5    | 16857 |
| 4.0    | 5.1    | 42424 |
| 2.2    | 1.2    | 6695  |
| 0.2    | 0.0    | 1016  |
| 0.2    | 0.4    | 1183  |
| 1.3    | 2.1    | 1200  |
| 2.2    | 1.6    | 5717  |
| 0.9    | 2.2    | 1394  |
| 10.9   | 11.6   | 4438  |
| 7.5    | 9.6    | 2849  |
| 0.0    | 0.0    | 604   |
| 0.7    | 0.0    | 1120  |
| 5.9    | 5.7    | 5583  |
| 1.2    | 0.9    | 2430  |
| 3.7    | 4.2    | 2265  |
| 0.0    | 0.0    | 1536  |
| 0.1    | 0.0    | 1669  |
| 0.5    | 1.1    | 6189  |
| 5.6    | 5.8    | 2410  |
| 0.7    | 0.3    | 7645  |
| 49.9   | 39.0   | 2529  |
| 174.0  | 183.6  | 2139  |
| 0.5    | 0.3    | 3418  |
| 0.3    | 0.0    | 6145  |
| 0.3    | 0.1    | 3418  |
| 4.6    | 3.3    | 7592  |
| 1.8    | 1.0    | 5174  |
| 6.3    | 6.1    | 2690  |
| 1.2    | 0.9    | 13385 |
| 1.5    | 1.0    | 5418  |
| 3.4    | 5.4    | 798   |

|       |       |       |
|-------|-------|-------|
| 1.1   | 0.6   | 7788  |
| 6.5   | 4.6   | 7999  |
| 1.7   | 1.5   | 3326  |
| 2.1   | 2.1   | 6557  |
| 2.3   | 0.9   | 2334  |
| 0.9   | 0.6   | 17249 |
| 1.0   | 0.2   | 1019  |
| 0.8   | 0.1   | 14342 |
| 0.1   | 0.0   | 5581  |
| 10.6  | 9.3   | 1814  |
| 10.9  | 4.0   | 1214  |
| 0.6   | 0.0   | 1000  |
| 1.9   | 0.7   | 2595  |
| 1.2   | 1.5   | 4129  |
| 0.9   | 0.6   | 4361  |
| 16.4  | 11.7  | 3226  |
| 44.4  | 65.2  | 1575  |
| 6.6   | 4.4   | 4397  |
| 246.2 | 235.2 | 831   |
| 0.0   | 0.0   | 2001  |
| 1.6   | 1.0   | 6833  |
| 0.6   | 0.4   | 8234  |
| 2.1   | 1.7   | 11953 |
| 0.4   | 0.3   | 5619  |
| 0.5   | 0.5   | 2288  |
| 0.0   | 0.0   | 7343  |
| 0.0   | 0.0   | 3516  |
| 2.8   | 2.9   | 7069  |
| 0.7   | 1.2   | 1662  |
| 0.1   | 0.0   | 2420  |
| 0.0   | 0.0   | 880   |
| 0.3   | 0.0   | 1352  |
| 5.1   | 2.9   | 7197  |
| 1.3   | 0.1   | 963   |
| 9.1   | 9.5   | 942   |
| 4.1   | 2.7   | 3388  |
| 8.6   | 6.5   | 1237  |
| 2.7   | 1.4   | 10828 |
| 1.4   | 0.7   | 4070  |
| 0.1   | 0.1   | 39410 |
| 3.8   | 1.1   | 2490  |
| 7.7   | 8.8   | 1266  |
| 1.6   | 2.0   | 3747  |
| 0.0   | 0.0   | 4535  |
| 2.9   | 1.3   | 19087 |
| 0.5   | 0.1   | 38071 |
| 7.9   | 6.0   | 2112  |

|      |      |       |
|------|------|-------|
| 4.6  | 2.9  | 4235  |
| 4.8  | 3.7  | 3376  |
| 0.1  | 0.0  | 3558  |
| 2.5  | 1.5  | 5739  |
| 17.8 | 20.9 | 673   |
| 0.2  | 0.0  | 2442  |
| 17.7 | 13.9 | 6171  |
| 16.6 | 15.5 | 2305  |
| 4.7  | 3.8  | 5958  |
| 0.1  | 0.1  | 81757 |
| 1.8  | 1.2  | 2646  |
| 3.2  | 0.9  | 2728  |
| 4.0  | 3.2  | 12267 |
| 1.7  | 0.5  | 33947 |
| 1.8  | 0.8  | 15053 |
| 6.1  | 4.7  | 3733  |
| 0.5  | 1.0  | 4907  |
| 3.7  | 3.3  | 2144  |
| 8.5  | 12.1 | 3118  |
| 0.0  | 0.0  | 1227  |
| 0.2  | 0.0  | 4214  |
| 0.0  | 0.0  | 8423  |
| 0.3  | 0.0  | 1485  |
| 3.5  | 1.5  | 2159  |
| 4.7  | 3.0  | 1734  |
| 0.1  | 0.0  | 2017  |
| 0.1  | 0.1  | 37881 |
| 3.1  | 3.6  | 2818  |
| 1.4  | 1.2  | 40503 |
| 0.0  | 0.1  | 2084  |
| 2.8  | 3.2  | 2582  |
| 2.7  | 2.4  | 10521 |
| 2.8  | 0.7  | 3390  |
| 4.1  | 2.2  | 3435  |
| 10.3 | 4.0  | 4800  |
| 0.5  | 0.1  | 1917  |
| 74.4 | 67.0 | 751   |
| 0.0  | 0.0  | 3294  |
| 0.6  | 0.2  | 12799 |
| 3.1  | 1.4  | 39164 |
| 6.2  | 1.5  | 1901  |
| 0.9  | 0.7  | 2408  |
| 1.4  | 0.2  | 4563  |
| 2.4  | 1.6  | 17827 |
| 0.0  | 0.0  | 13733 |
| 0.0  | 0.1  | 4172  |
| 2.5  | 3.1  | 1351  |

|      |      |       |
|------|------|-------|
| 5.3  | 2.2  | 2517  |
| 3.8  | 2.0  | 2872  |
| 2.3  | 1.4  | 1542  |
| 0.0  | 0.0  | 898   |
| 1.9  | 0.6  | 4365  |
| 3.3  | 3.1  | 10012 |
| 4.8  | 1.4  | 6491  |
| 0.0  | 0.0  | 2416  |
| 3.8  | 3.2  | 5772  |
| 6.9  | 4.4  | 5849  |
| 0.6  | 0.0  | 2874  |
| 0.4  | 0.0  | 4827  |
| 3.4  | 2.6  | 7859  |
| 0.4  | 0.1  | 2050  |
| 0.0  | 0.0  | 1798  |
| 0.0  | 0.0  | 7227  |
| 0.1  | 0.0  | 46037 |
| 0.1  | 0.0  | 3647  |
| 0.5  | 0.1  | 8393  |
| 1.4  | 0.7  | 5304  |
| 2.7  | 1.0  | 3497  |
| 5.3  | 2.6  | 1119  |
| 4.8  | 2.0  | 1155  |
| 1.1  | 0.6  | 10202 |
| 10.5 | 10.3 | 2363  |
| 1.3  | 0.6  | 2481  |
| 0.4  | 0.5  | 1580  |
| 0.1  | 0.2  | 2175  |
| 0.0  | 0.0  | 2305  |
| 3.5  | 1.7  | 3487  |
| 4.6  | 1.0  | 1801  |
| 1.8  | 1.3  | 4055  |
| 7.9  | 7.8  | 2206  |
| 7.3  | 5.1  | 2544  |
| 11.1 | 1.7  | 2598  |
| 0.0  | 0.0  | 795   |
| 15.7 | 1.5  | 1944  |
| 0.0  | 0.2  | 994   |
| 0.1  | 0.0  | 64362 |
| 5.5  | 4.6  | 2972  |
| 8.0  | 5.5  | 9120  |
| 0.0  | 0.0  | 10374 |
| 0.1  | 0.0  | 1389  |
| 0.2  | 0.0  | 918   |
| 0.4  | 0.0  | 1300  |
| 0.0  | 0.0  | 4289  |
| 0.0  | 0.0  | 33868 |

|       |       |       |
|-------|-------|-------|
| 34.6  | 40.3  | 3180  |
| 538.2 | 533.6 | 571   |
| 21.8  | 22.9  | 4398  |
| 695.3 | 811.0 | 674   |
| 8.8   | 7.5   | 8630  |
| 0.3   | 0.0   | 2160  |
| 0.9   | 0.8   | 16381 |
| 0.5   | 1.2   | 2413  |
| 0.3   | 0.0   | 3006  |
| 1.0   | 0.9   | 1916  |
| 0.0   | 0.0   | 5751  |
| 10.8  | 6.6   | 34779 |
| 1.3   | 0.9   | 15739 |
| 12.7  | 14.1  | 2112  |
| 22.5  | 20.8  | 3140  |
| 5.8   | 5.5   | 3547  |
| 1.0   | 0.4   | 13117 |
| 10.4  | 7.7   | 6040  |
| 1.3   | 1.3   | 3555  |
| 2.9   | 1.3   | 2174  |
| 30.1  | 20.9  | 2327  |
| 25.5  | 15.5  | 2828  |
| 2.0   | 0.9   | 7375  |
| 0.3   | 0.3   | 4407  |
| 0.3   | 0.6   | 2630  |
| 1.6   | 2.0   | 2207  |
| 0.1   | 0.0   | 30666 |
| 0.9   | 0.9   | 1718  |
| 0.5   | 0.4   | 1657  |
| 2.1   | 1.4   | 6488  |
| 5.0   | 3.0   | 7076  |
| 3.3   | 1.7   | 7069  |
| 6.8   | 3.9   | 5355  |
| 0.7   | 0.5   | 2988  |
| 1.9   | 0.7   | 13471 |
| 0.6   | 0.1   | 22258 |
| 3.7   | 3.1   | 4019  |
| 0.6   | 0.4   | 4773  |
| 4.3   | 2.9   | 27006 |
| 0.1   | 0.1   | 1747  |
| 0.9   | 0.5   | 3220  |
| 10.0  | 6.5   | 21277 |
| 5.6   | 5.6   | 5022  |
| 2.3   | 1.6   | 24503 |
| 17.2  | 21.2  | 2832  |
| 18.5  | 15.4  | 4973  |
| 0.0   | 0.1   | 22918 |

|      |      |       |
|------|------|-------|
| 0.1  | 0.0  | 1718  |
| 0.1  | 0.0  | 2869  |
| 0.7  | 0.6  | 1893  |
| 0.1  | 0.0  | 2038  |
| 1.1  | 0.6  | 24059 |
| 9.3  | 12.1 | 2141  |
| 1.5  | 1.4  | 6834  |
| 0.1  | 0.0  | 1155  |
| 78.9 | 86.4 | 3047  |
| 2.8  | 1.1  | 8895  |
| 0.5  | 0.5  | 15787 |
| 5.9  | 1.7  | 24438 |
| 1.1  | 1.4  | 673   |
| 1.1  | 0.3  | 1986  |
| 1.6  | 1.6  | 938   |
| 5.1  | 3.3  | 5457  |
| 0.2  | 0.0  | 2163  |
| 3.5  | 3.5  | 1603  |
| 7.1  | 6.2  | 6271  |
| 0.1  | 0.0  | 7863  |
| 5.7  | 5.3  | 4091  |
| 4.7  | 5.1  | 5143  |
| 27.5 | 28.6 | 6574  |
| 51.6 | 40.4 | 2941  |
| 0.4  | 0.1  | 6309  |
| 0.3  | 0.1  | 6274  |
| 14.0 | 8.7  | 1429  |
| 7.3  | 7.0  | 1289  |
| 1.5  | 0.7  | 33051 |
| 28.8 | 15.5 | 3128  |
| 0.4  | 0.3  | 4017  |
| 0.2  | 0.2  | 5656  |
| 0.6  | 0.4  | 4780  |
| 28.5 | 29.5 | 4984  |
| 19.3 | 12.6 | 4009  |
| 0.0  | 0.0  | 1047  |
| 22.3 | 14.7 | 1729  |
| 25.0 | 22.7 | 2833  |
| 0.0  | 0.0  | 4446  |
| 2.8  | 1.7  | 5632  |
| 2.8  | 2.0  | 20229 |
| 3.7  | 1.8  | 34965 |
| 2.8  | 1.6  | 4838  |
| 4.9  | 2.0  | 9926  |
| 27.9 | 24.6 | 3835  |
| 0.8  | 0.4  | 12907 |
| 0.1  | 0.1  | 43208 |

|       |       |       |
|-------|-------|-------|
| 0.0   | 0.0   | 41039 |
| 0.1   | 0.1   | 1564  |
| 0.9   | 1.1   | 2991  |
| 0.1   | 0.0   | 2935  |
| 0.2   | 0.0   | 2988  |
| 0.1   | 0.0   | 5293  |
| 0.7   | 0.3   | 14671 |
| 8.3   | 5.3   | 4705  |
| 20.4  | 21.0  | 17928 |
| 2.4   | 0.9   | 7961  |
| 7.0   | 6.3   | 16623 |
| 4.4   | 3.2   | 4945  |
| 4.3   | 3.6   | 5089  |
| 0.7   | 0.5   | 2515  |
| 0.0   | 0.0   | 599   |
| 1.5   | 0.2   | 858   |
| 4.6   | 1.9   | 4601  |
| 17.5  | 14.8  | 2509  |
| 1.4   | 1.1   | 22317 |
| 0.1   | 0.0   | 4179  |
| 28.2  | 12.6  | 4432  |
| 26.7  | 18.4  | 5432  |
| 113.8 | 128.2 | 3726  |
| 1.3   | 0.9   | 5707  |
| 44.3  | 36.0  | 1551  |
| 1.1   | 0.9   | 13185 |
| 66.7  | 55.4  | 4303  |
| 2.7   | 1.9   | 19032 |
| 0.4   | 0.2   | 3293  |
| 0.0   | 0.7   | 618   |
| 4.2   | 2.9   | 9214  |
| 1.3   | 0.8   | 20631 |
| 6.2   | 3.4   | 91    |
| 5.3   | 7.4   | 71    |
| 4.1   | 1.5   | 69    |
| 1.7   | 1.5   | 8279  |
| 1.4   | 0.8   | 6226  |
| 0.0   | 0.0   | 3185  |
| 14.3  | 7.7   | 3713  |
| 0.3   | 0.1   | 11046 |
| 16.2  | 14.8  | 2718  |
| 0.1   | 0.0   | 11472 |
| 7.6   | 6.0   | 9795  |
| 8.5   | 6.5   | 6285  |
| 21.2  | 26.2  | 3206  |
| 103.9 | 146.0 | 839   |
| 0.0   | 0.0   | 441   |



|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 1370  |
| 0.0  | 0.0  | 344   |
| 0.0  | 0.0  | 542   |
| 0.0  | 0.0  | 166   |
| 0.0  | 0.0  | 1637  |
| 0.0  | 0.0  | 307   |
| 0.0  | 0.0  | 659   |
| 0.0  | 0.0  | 920   |
| 0.0  | 0.0  | 427   |
| 0.0  | 0.0  | 512   |
| 0.0  | 0.0  | 1576  |
| 0.0  | 0.0  | 1628  |
| 0.0  | 0.0  | 259   |
| 0.0  | 0.0  | 427   |
| 0.0  | 0.0  | 269   |
| 0.0  | 0.0  | 221   |
| 0.0  | 0.0  | 996   |
| 0.0  | 0.0  | 192   |
| 0.0  | 0.0  | 467   |
| 0.0  | 0.0  | 598   |
| 0.1  | 0.0  | 13540 |
| 10.0 | 6.9  | 7926  |
| 0.0  | 0.0  | 622   |
| 0.1  | 0.0  | 2520  |
| 0.0  | 0.0  | 738   |
| 0.1  | 0.0  | 1829  |
| 0.1  | 0.2  | 2752  |
| 0.3  | 0.2  | 3059  |
| 2.4  | 1.3  | 4089  |
| 0.0  | 0.0  | 2043  |
| 9.9  | 8.2  | 8022  |
| 5.1  | 3.6  | 12065 |
| 20.7 | 22.7 | 7429  |
| 2.3  | 1.0  | 6628  |
| 1.0  | 0.5  | 1133  |
| 7.1  | 4.0  | 13889 |
| 8.7  | 4.9  | 3356  |
| 0.5  | 0.6  | 17090 |
| 0.1  | 0.0  | 21983 |
| 10.5 | 5.6  | 9489  |
| 3.1  | 2.0  | 12617 |
| 0.0  | 0.0  | 21173 |
| 30.6 | 23.8 | 9728  |
| 1.7  | 1.3  | 4259  |
| 0.4  | 0.3  | 8287  |
| 8.5  | 4.1  | 1948  |
| 7.4  | 4.1  | 7711  |

|      |      |       |
|------|------|-------|
| 0.7  | 0.9  | 1199  |
| 25.0 | 38.4 | 585   |
| 7.2  | 6.6  | 1751  |
| 0.5  | 0.3  | 7718  |
| 9.9  | 4.4  | 6107  |
| 0.2  | 0.0  | 2200  |
| 2.6  | 1.5  | 18544 |
| 0.4  | 0.4  | 18359 |
| 0.2  | 0.4  | 2110  |
| 4.3  | 4.8  | 1475  |
| 4.6  | 4.4  | 7711  |
| 3.4  | 1.9  | 37161 |
| 6.5  | 6.0  | 1192  |
| 10.4 | 12.6 | 1019  |
| 0.0  | 0.0  | 2658  |
| 29.2 | 35.4 | 838   |
| 3.7  | 4.9  | 6750  |
| 30.7 | 29.7 | 1686  |
| 15.6 | 8.9  | 3091  |
| 3.7  | 2.6  | 9616  |
| 0.2  | 0.0  | 1644  |
| 2.3  | 1.7  | 6487  |
| 3.5  | 2.3  | 4048  |
| 20.6 | 34.8 | 2001  |
| 43.0 | 24.7 | 1795  |
| 4.4  | 2.5  | 1771  |
| 1.4  | 1.8  | 5068  |
| 0.0  | 0.0  | 23978 |
| 7.5  | 7.4  | 4014  |
| 10.6 | 6.0  | 5156  |
| 4.6  | 3.9  | 5356  |
| 4.4  | 2.9  | 2739  |
| 4.0  | 2.6  | 8848  |
| 0.0  | 0.0  | 900   |
| 27.9 | 28.2 | 9977  |
| 0.7  | 0.8  | 5328  |
| 3.8  | 4.3  | 9102  |
| 0.4  | 0.3  | 30483 |
| 3.7  | 3.3  | 4011  |
| 0.5  | 0.5  | 3149  |
| 0.6  | 0.6  | 1450  |
| 8.3  | 5.4  | 695   |
| 0.1  | 0.0  | 1624  |
| 1.0  | 0.2  | 1022  |
| 0.7  | 0.2  | 7467  |
| 0.3  | 0.2  | 1270  |
| 4.1  | 2.5  | 2264  |

|      |      |       |
|------|------|-------|
| 1.2  | 0.8  | 3612  |
| 12.0 | 8.1  | 2255  |
| 3.6  | 0.4  | 8216  |
| 5.5  | 3.8  | 1500  |
| 0.0  | 0.0  | 923   |
| 5.8  | 5.3  | 13403 |
| 5.6  | 3.0  | 17885 |
| 0.2  | 0.3  | 1132  |
| 0.0  | 0.0  | 943   |
| 0.0  | 0.0  | 628   |
| 0.4  | 0.1  | 18150 |
| 3.7  | 2.1  | 7147  |
| 0.0  | 0.0  | 129   |
| 1.0  | 0.9  | 35049 |
| 6.6  | 7.6  | 3396  |
| 0.1  | 0.0  | 19346 |
| 4.2  | 2.7  | 10123 |
| 3.6  | 2.7  | 6766  |
| 3.0  | 1.9  | 3376  |
| 75.2 | 70.5 | 7230  |
| 0.0  | 0.0  | 3131  |
| 6.0  | 3.8  | 4371  |
| 1.8  | 1.0  | 4883  |
| 4.6  | 3.6  | 3075  |
| 0.0  | 0.0  | 993   |
| 8.7  | 5.7  | 640   |
| 0.1  | 0.0  | 1122  |
| 1.2  | 0.4  | 1399  |
| 4.0  | 5.6  | 1584  |
| 1.0  | 0.5  | 1840  |
| 0.6  | 0.6  | 1840  |
| 1.5  | 1.0  | 1891  |
| 0.0  | 0.0  | 3122  |
| 2.8  | 1.7  | 4145  |
| 4.2  | 5.3  | 7380  |
| 1.2  | 0.7  | 14041 |
| 0.0  | 0.0  | 3920  |
| 0.0  | 0.0  | 5598  |
| 2.2  | 0.9  | 1203  |
| 3.9  | 1.9  | 4331  |
| 0.3  | 0.5  | 1963  |
| 0.2  | 0.2  | 3922  |
| 3.1  | 0.9  | 728   |
| 6.3  | 4.6  | 8164  |
| 47.0 | 30.6 | 3390  |
| 0.0  | 0.0  | 2378  |
| 11.1 | 6.8  | 7856  |

|      |      |       |
|------|------|-------|
| 17.5 | 17.1 | 1353  |
| 0.9  | 0.4  | 8365  |
| 2.2  | 1.7  | 2651  |
| 0.9  | 0.1  | 38965 |
| 0.5  | 0.1  | 2970  |
| 0.8  | 0.7  | 1122  |
| 0.6  | 0.4  | 1806  |
| 1.1  | 0.5  | 18076 |
| 5.2  | 3.7  | 5172  |
| 13.1 | 10.1 | 16305 |
| 0.0  | 0.0  | 1985  |
| 1.9  | 0.7  | 11551 |
| 0.1  | 0.0  | 3271  |
| 0.0  | 0.0  | 298   |
| 0.0  | 0.0  | 1073  |
| 10.1 | 6.5  | 7664  |
| 0.3  | 0.0  | 7548  |
| 0.0  | 0.0  | 984   |
| 0.0  | 0.0  | 702   |
| 0.0  | 0.0  | 447   |
| 0.0  | 0.0  | 2270  |
| 0.1  | 0.1  | 8042  |
| 0.0  | 0.2  | 1001  |
| 0.1  | 1.2  | 1257  |
| 3.3  | 2.0  | 4056  |
| 1.5  | 0.3  | 3773  |
| 13.3 | 7.8  | 2778  |
| 12.2 | 6.3  | 2327  |
| 0.6  | 0.4  | 3165  |
| 0.2  | 0.0  | 4744  |
| 24.3 | 35.3 | 3637  |
| 1.0  | 0.6  | 19195 |
| 13.7 | 10.6 | 9946  |
| 0.1  | 0.0  | 13035 |
| 6.5  | 5.6  | 4934  |
| 0.3  | 0.1  | 16223 |
| 0.4  | 0.3  | 3613  |
| 0.2  | 0.2  | 10417 |
| 0.3  | 0.3  | 7183  |
| 1.7  | 1.0  | 7768  |
| 13.4 | 10.3 | 5705  |
| 3.9  | 3.6  | 9657  |
| 0.1  | 0.0  | 1454  |
| 0.1  | 0.0  | 44988 |
| 5.2  | 4.4  | 6186  |
| 4.9  | 3.1  | 2631  |
| 2.1  | 0.8  | 4624  |

|      |      |       |
|------|------|-------|
| 3.4  | 2.1  | 11966 |
| 1.2  | 0.2  | 3811  |
| 0.1  | 0.0  | 1845  |
| 9.8  | 7.6  | 1810  |
| 4.3  | 1.9  | 3340  |
| 29.5 | 12.4 | 1750  |
| 2.4  | 1.9  | 8395  |
| 1.6  | 1.5  | 55187 |
| 0.6  | 0.0  | 934   |
| 0.1  | 0.1  | 27003 |
| 11.3 | 9.8  | 2938  |
| 33.8 | 30.6 | 5678  |
| 0.4  | 0.0  | 27687 |
| 4.0  | 2.5  | 17294 |
| 6.9  | 6.7  | 5070  |
| 0.0  | 0.0  | 38031 |
| 1.1  | 1.1  | 7892  |
| 0.1  | 0.1  | 7958  |
| 0.2  | 0.0  | 5734  |
| 6.3  | 7.4  | 9295  |
| 0.1  | 0.0  | 1093  |
| 7.2  | 6.3  | 5218  |
| 0.1  | 0.2  | 2466  |
| 1.5  | 1.1  | 9311  |
| 0.0  | 0.0  | 939   |
| 0.0  | 0.0  | 16330 |
| 0.0  | 0.0  | 1359  |
| 0.0  | 0.0  | 1359  |
| 0.0  | 0.0  | 1474  |
| 0.1  | 0.0  | 1353  |
| 0.9  | 0.2  | 1864  |
| 6.0  | 7.9  | 12317 |
| 2.1  | 1.6  | 25536 |
| 0.3  | 0.1  | 3772  |
| 14.2 | 14.4 | 1367  |
| 0.0  | 0.0  | 3726  |
| 4.8  | 9.8  | 26373 |
| 2.9  | 0.9  | 4798  |
| 0.2  | 0.1  | 5211  |
| 0.8  | 0.6  | 3165  |
| 0.1  | 0.0  | 4154  |
| 0.0  | 0.0  | 882   |
| 0.2  | 0.0  | 1712  |
| 0.0  | 0.0  | 1704  |
| 4.0  | 1.2  | 5537  |
| 0.1  | 0.0  | 15803 |
| 5.2  | 5.2  | 7408  |

|       |       |       |
|-------|-------|-------|
| 50.9  | 74.4  | 1749  |
| 10.5  | 8.6   | 5594  |
| 0.7   | 0.8   | 3932  |
| 0.0   | 0.0   | 2147  |
| 0.0   | 0.0   | 11067 |
| 10.4  | 9.4   | 2264  |
| 0.2   | 0.0   | 8761  |
| 3.9   | 4.2   | 12323 |
| 0.1   | 0.3   | 13930 |
| 2.8   | 2.3   | 17452 |
| 23.7  | 28.0  | 1528  |
| 1.2   | 0.6   | 15846 |
| 1.2   | 0.8   | 15987 |
| 7.5   | 5.5   | 5369  |
| 16.2  | 11.4  | 1562  |
| 27.6  | 28.4  | 834   |
| 4.4   | 2.3   | 14978 |
| 2.6   | 2.2   | 13992 |
| 0.2   | 0.1   | 10409 |
| 5.8   | 3.6   | 5141  |
| 0.0   | 0.0   | 4413  |
| 43.3  | 49.4  | 2308  |
| 0.0   | 0.0   | 1457  |
| 3.5   | 1.1   | 13808 |
| 0.0   | 0.0   | 2925  |
| 83.7  | 101.5 | 2141  |
| 13.1  | 22.1  | 3112  |
| 2.6   | 2.1   | 1748  |
| 5.1   | 4.3   | 12181 |
| 54.1  | 51.8  | 3069  |
| 0.1   | 0.0   | 8661  |
| 0.7   | 0.6   | 24026 |
| 6.7   | 5.1   | 6228  |
| 6.4   | 6.1   | 2176  |
| 15.9  | 15.2  | 1679  |
| 4.8   | 6.9   | 2971  |
| 0.0   | 0.0   | 11304 |
| 167.2 | 143.8 | 17873 |
| 3.5   | 3.1   | 8969  |
| 1.3   | 1.1   | 6541  |
| 1.9   | 2.7   | 4646  |
| 24.5  | 21.3  | 2545  |
| 911.2 | 915.6 | 1458  |
| 3.6   | 3.6   | 8878  |
| 4.1   | 3.0   | 9791  |
| 0.0   | 0.0   | 19326 |
| 5.9   | 5.2   | 25393 |

|      |      |       |
|------|------|-------|
| 2.3  | 0.2  | 18029 |
| 0.0  | 0.0  | 22397 |
| 3.1  | 1.2  | 1178  |
| 25.1 | 28.7 | 1566  |
| 2.0  | 1.7  | 22192 |
| 9.8  | 9.3  | 7698  |
| 0.0  | 0.0  | 797   |
| 74.1 | 73.8 | 2340  |
| 1.4  | 1.0  | 13820 |
| 0.1  | 0.0  | 16384 |
| 0.4  | 0.0  | 1869  |
| 6.8  | 6.6  | 2279  |
| 8.2  | 4.4  | 4332  |
| 0.6  | 0.6  | 4534  |
| 17.0 | 13.5 | 2674  |
| 0.1  | 0.0  | 36707 |
| 0.2  | 0.2  | 14011 |
| 6.4  | 3.8  | 13461 |
| 11.4 | 10.7 | 7082  |
| 0.6  | 0.7  | 10978 |
| 0.3  | 0.0  | 1911  |
| 0.1  | 0.0  | 1731  |
| 0.0  | 0.0  | 1039  |
| 0.0  | 0.0  | 14476 |
| 0.0  | 0.0  | 13255 |
| 0.1  | 0.0  | 1405  |
| 18.4 | 17.8 | 1680  |
| 0.0  | 0.0  | 1762  |
| 2.1  | 1.3  | 16523 |
| 0.1  | 0.0  | 11117 |
| 3.8  | 4.2  | 1020  |
| 0.1  | 0.0  | 4962  |
| 0.1  | 0.0  | 14639 |
| 6.4  | 3.9  | 16094 |
| 0.6  | 1.0  | 2140  |
| 0.0  | 0.0  | 5297  |
| 0.2  | 0.1  | 14645 |
| 22.4 | 19.4 | 12431 |
| 15.8 | 15.5 | 3549  |
| 0.6  | 0.4  | 42781 |
| 4.3  | 0.0  | 1574  |
| 0.3  | 0.0  | 2205  |
| 0.5  | 0.2  | 18288 |
| 3.1  | 2.2  | 3210  |
| 2.2  | 0.4  | 9340  |
| 1.8  | 1.8  | 7356  |
| 0.0  | 0.0  | 384   |

|      |      |       |
|------|------|-------|
| 0.1  | 0.3  | 5195  |
| 0.1  | 0.0  | 2127  |
| 0.0  | 0.0  | 13104 |
| 0.2  | 0.2  | 16833 |
| 0.0  | 0.0  | 1857  |
| 1.8  | 1.3  | 13185 |
| 5.0  | 4.3  | 17290 |
| 0.2  | 0.4  | 1707  |
| 1.1  | 0.8  | 5834  |
| 12.3 | 14.0 | 12405 |
| 1.8  | 4.7  | 726   |
| 1.1  | 2.2  | 1464  |
| 0.1  | 0.0  | 7382  |
| 0.8  | 0.2  | 2168  |
| 5.2  | 5.5  | 5428  |
| 17.7 | 19.4 | 2423  |
| 12.4 | 14.3 | 928   |
| 0.4  | 0.3  | 7059  |
| 0.6  | 0.0  | 2666  |
| 0.1  | 0.1  | 1783  |
| 0.1  | 0.1  | 3759  |
| 63.1 | 64.7 | 5354  |
| 0.1  | 0.0  | 13112 |
| 4.5  | 4.2  | 3234  |
| 4.8  | 4.3  | 5050  |
| 0.1  | 0.0  | 3394  |
| 0.3  | 0.3  | 5582  |
| 0.0  | 0.0  | 5975  |
| 0.0  | 0.0  | 986   |
| 3.1  | 1.7  | 8548  |
| 0.0  | 0.0  | 3577  |
| 0.2  | 0.1  | 11808 |
| 0.5  | 0.4  | 701   |
| 0.1  | 0.1  | 1405  |
| 0.4  | 0.5  | 3393  |
| 39.8 | 37.9 | 4622  |
| 1.6  | 1.6  | 16321 |
| 0.1  | 0.0  | 2605  |
| 0.0  | 0.0  | 2107  |
| 0.4  | 0.0  | 933   |
| 1.6  | 1.0  | 5836  |
| 0.4  | 0.1  | 6386  |
| 2.6  | 0.9  | 2685  |
| 0.0  | 0.0  | 2700  |
| 0.1  | 0.3  | 1344  |
| 0.1  | 0.0  | 3163  |
| 0.2  | 0.0  | 6676  |



|      |      |       |
|------|------|-------|
| 1.1  | 0.9  | 1941  |
| 0.0  | 0.0  | 2663  |
| 0.6  | 0.0  | 948   |
| 0.4  | 0.0  | 2533  |
| 0.2  | 0.0  | 2454  |
| 0.0  | 0.0  | 1301  |
| 22.7 | 22.6 | 2315  |
| 1.6  | 0.8  | 8571  |
| 29.8 | 22.9 | 4908  |
| 6.1  | 3.5  | 7626  |
| 10.1 | 10.0 | 17763 |
| 0.0  | 0.0  | 2698  |
| 5.3  | 3.3  | 13888 |
| 1.2  | 1.1  | 33419 |
| 0.3  | 0.0  | 1325  |
| 0.1  | 0.0  | 1658  |
| 0.0  | 0.0  | 1328  |
| 0.5  | 0.2  | 2711  |
| 0.9  | 0.6  | 2550  |
| 0.5  | 0.3  | 24876 |
| 0.1  | 0.0  | 2485  |
| 30.4 | 26.6 | 1722  |
| 0.2  | 0.0  | 3256  |
| 1.6  | 1.1  | 3765  |
| 0.4  | 0.2  | 2000  |
| 0.3  | 0.0  | 11629 |
| 2.7  | 0.8  | 23342 |
| 0.1  | 0.1  | 10476 |
| 0.0  | 0.1  | 1507  |
| 24.0 | 14.3 | 11177 |
| 0.7  | 0.2  | 1793  |
| 1.0  | 0.4  | 16991 |
| 0.0  | 0.0  | 12868 |
| 0.3  | 0.0  | 2076  |
| 0.2  | 0.0  | 2531  |
| 0.4  | 0.0  | 1893  |
| 43.0 | 8.6  | 353   |
| 0.9  | 0.1  | 2580  |
| 9.0  | 5.1  | 1431  |
| 13.4 | 16.0 | 3973  |
| 0.0  | 0.0  | 1399  |
| 33.4 | 24.1 | 6300  |
| 0.5  | 0.3  | 13528 |
| 52.3 | 53.9 | 3453  |
| 56.9 | 60.4 | 3143  |
| 0.0  | 0.0  | 2373  |
| 3.2  | 1.0  | 2428  |

|     |     |       |
|-----|-----|-------|
| 3.5 | 4.5 | 3114  |
| 1.1 | 0.7 | 3497  |
| 5.1 | 5.4 | 2953  |
| 0.1 | 0.0 | 30450 |
| 1.7 | 0.9 | 13821 |
| 0.0 | 0.0 | 8057  |
| 0.2 | 0.0 | 782   |
| 6.5 | 5.0 | 1585  |
| 0.0 | 0.0 | 2568  |
| 0.1 | 0.0 | 2261  |
| 0.0 | 0.0 | 3226  |
| 0.5 | 0.3 | 11755 |
| 2.3 | 1.1 | 2774  |
| 4.7 | 2.4 | 1078  |
| 0.7 | 0.2 | 8577  |
| 1.4 | 1.1 | 5233  |
| 0.2 | 0.3 | 28337 |
| 3.5 | 2.0 | 7394  |
| 0.1 | 0.0 | 3714  |
| 2.1 | 1.3 | 3602  |
| 0.2 | 0.0 | 4711  |
| 1.1 | 0.7 | 2303  |
| 0.3 | 0.2 | 7967  |
| 0.9 | 0.7 | 12490 |
| 0.3 | 0.0 | 574   |
| 0.0 | 0.0 | 2258  |
| 0.0 | 0.0 | 50085 |
| 0.7 | 0.5 | 771   |
| 0.1 | 0.0 | 1170  |
| 0.2 | 0.0 | 1974  |
| 5.3 | 5.0 | 711   |
| 0.0 | 0.0 | 1045  |
| 1.3 | 1.0 | 6676  |
| 0.3 | 0.3 | 27043 |
| 0.2 | 0.0 | 5369  |
| 1.4 | 1.1 | 2177  |
| 0.6 | 0.2 | 2935  |
| 0.0 | 0.0 | 2268  |
| 0.2 | 0.1 | 7023  |
| 0.1 | 0.0 | 1118  |
| 0.6 | 0.6 | 1703  |
| 0.5 | 0.1 | 2191  |
| 9.0 | 7.3 | 3087  |
| 5.2 | 4.6 | 17853 |
| 0.0 | 0.0 | 2025  |
| 2.8 | 0.6 | 4213  |
| 0.2 | 0.0 | 2917  |

|      |      |       |
|------|------|-------|
| 0.3  | 0.2  | 4240  |
| 0.0  | 0.0  | 6651  |
| 13.3 | 12.5 | 6899  |
| 5.0  | 0.9  | 2737  |
| 3.8  | 4.2  | 1084  |
| 1.7  | 0.7  | 7960  |
| 2.2  | 2.0  | 4093  |
| 1.3  | 0.4  | 951   |
| 1.1  | 1.6  | 2555  |
| 0.0  | 0.0  | 3318  |
| 0.8  | 0.0  | 750   |
| 1.0  | 0.5  | 3149  |
| 0.0  | 0.0  | 1074  |
| 0.1  | 0.0  | 25067 |
| 0.0  | 0.0  | 479   |
| 2.8  | 2.2  | 794   |
| 0.0  | 0.0  | 4732  |
| 0.0  | 0.0  | 75331 |
| 0.1  | 0.0  | 14151 |
| 10.2 | 8.8  | 8700  |
| 0.0  | 0.0  | 382   |
| 0.0  | 0.0  | 1051  |
| 7.9  | 8.2  | 10211 |
| 0.0  | 0.0  | 10356 |
| 0.6  | 0.1  | 2124  |
| 0.4  | 0.3  | 9724  |
| 0.5  | 0.2  | 2048  |
| 0.1  | 0.1  | 1334  |
| 2.8  | 2.0  | 9323  |
| 1.2  | 0.6  | 30565 |
| 0.1  | 0.0  | 2276  |
| 0.8  | 0.7  | 4374  |
| 0.2  | 0.1  | 1747  |
| 0.3  | 0.0  | 919   |
| 0.4  | 0.1  | 5861  |
| 5.0  | 3.7  | 5938  |
| 19.6 | 12.0 | 1208  |
| 0.4  | 0.1  | 1593  |
| 0.1  | 0.0  | 1593  |
| 0.5  | 0.0  | 1593  |
| 0.1  | 0.0  | 1593  |
| 0.3  | 0.0  | 1593  |
| 0.5  | 0.0  | 1593  |
| 0.2  | 0.2  | 17087 |
| 1.0  | 0.7  | 16117 |
| 55.6 | 54.4 | 5438  |
| 0.8  | 0.5  | 3743  |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 689   |
| 0.0  | 0.0  | 1200  |
| 4.1  | 1.3  | 960   |
| 0.0  | 0.0  | 701   |
| 0.7  | 0.5  | 2477  |
| 0.5  | 0.0  | 1343  |
| 0.0  | 0.0  | 2206  |
| 0.0  | 0.0  | 8553  |
| 26.3 | 34.6 | 4658  |
| 2.4  | 1.0  | 15307 |
| 10.8 | 6.7  | 5472  |
| 15.1 | 6.9  | 1181  |
| 0.1  | 0.0  | 2129  |
| 0.3  | 0.0  | 1011  |
| 0.0  | 0.0  | 10493 |
| 0.6  | 0.1  | 11418 |
| 7.4  | 7.7  | 11589 |
| 0.0  | 0.0  | 5090  |
| 0.5  | 0.3  | 4810  |
| 0.2  | 0.1  | 8426  |
| 3.8  | 1.4  | 2065  |
| 0.1  | 0.0  | 2545  |
| 39.1 | 29.9 | 1048  |
| 0.0  | 0.0  | 847   |
| 1.5  | 1.3  | 12930 |
| 0.4  | 0.0  | 9747  |
| 27.4 | 18.0 | 4454  |
| 0.0  | 0.0  | 6544  |
| 0.1  | 0.0  | 3885  |
| 3.4  | 3.1  | 4522  |
| 0.1  | 0.1  | 7129  |
| 0.8  | 0.9  | 447   |
| 0.8  | 0.3  | 30209 |
| 0.0  | 0.0  | 4055  |
| 16.5 | 17.5 | 6113  |
| 19.7 | 15.9 | 3769  |
| 49.8 | 49.8 | 5721  |
| 4.2  | 2.9  | 7414  |
| 2.3  | 1.4  | 6929  |
| 3.4  | 3.5  | 7279  |
| 0.4  | 0.3  | 4090  |
| 0.2  | 0.0  | 1620  |
| 2.0  | 1.1  | 4434  |
| 55.4 | 65.3 | 3442  |
| 0.2  | 0.0  | 2642  |
| 3.0  | 1.4  | 2662  |
| 0.8  | 0.6  | 11062 |

|       |       |       |
|-------|-------|-------|
| 1.2   | 0.3   | 5831  |
| 0.7   | 0.5   | 3041  |
| 0.8   | 1.0   | 802   |
| 0.1   | 0.1   | 10376 |
| 9.1   | 5.2   | 6145  |
| 0.0   | 0.0   | 668   |
| 5.4   | 3.1   | 1077  |
| 1.1   | 1.1   | 14099 |
| 1.5   | 0.6   | 2411  |
| 6.3   | 5.6   | 11298 |
| 0.0   | 0.0   | 6383  |
| 0.6   | 0.6   | 22404 |
| 0.9   | 0.5   | 3721  |
| 0.5   | 0.1   | 1625  |
| 0.0   | 0.2   | 1991  |
| 0.1   | 0.1   | 8904  |
| 4.0   | 2.8   | 1476  |
| 0.3   | 0.0   | 4820  |
| 0.8   | 0.1   | 846   |
| 2.3   | 2.2   | 20678 |
| 0.0   | 0.0   | 10711 |
| 0.1   | 0.2   | 676   |
| 0.1   | 0.0   | 54330 |
| 0.1   | 0.0   | 953   |
| 0.7   | 0.7   | 19756 |
| 0.0   | 0.0   | 4847  |
| 22.6  | 16.7  | 5189  |
| 2.4   | 0.9   | 1437  |
| 7.9   | 3.4   | 4760  |
| 0.3   | 0.1   | 15751 |
| 0.0   | 0.0   | 461   |
| 4.3   | 4.2   | 1978  |
| 8.9   | 8.1   | 116   |
| 137.6 | 255.2 | 117   |
| 2.3   | 1.0   | 29385 |
| 1.1   | 0.6   | 4633  |
| 0.3   | 0.2   | 23826 |
| 52.9  | 37.9  | 18865 |
| 0.2   | 0.0   | 3484  |
| 11.4  | 6.4   | 4209  |
| 54.3  | 52.3  | 859   |
| 58.5  | 46.4  | 509   |
| 11.5  | 10.6  | 3299  |
| 2.4   | 0.7   | 6005  |
| 5.1   | 3.7   | 2430  |
| 0.0   | 0.0   | 3384  |
| 2.1   | 2.1   | 19810 |

|      |      |       |
|------|------|-------|
| 0.1  | 0.1  | 1452  |
| 0.1  | 0.0  | 2145  |
| 6.0  | 3.3  | 8830  |
| 0.1  | 0.0  | 3484  |
| 3.9  | 3.1  | 18109 |
| 1.0  | 1.5  | 19215 |
| 1.1  | 0.4  | 5529  |
| 0.0  | 0.0  | 1379  |
| 2.2  | 3.3  | 7573  |
| 1.6  | 0.6  | 2858  |
| 0.5  | 0.0  | 3083  |
| 1.9  | 0.1  | 1207  |
| 4.5  | 8.0  | 1179  |
| 3.7  | 3.8  | 4765  |
| 1.0  | 0.4  | 1977  |
| 6.2  | 4.7  | 3247  |
| 15.7 | 14.8 | 2260  |
| 1.4  | 1.6  | 1835  |
| 0.0  | 0.0  | 11717 |
| 4.2  | 2.5  | 31137 |
| 1.7  | 1.2  | 10529 |
| 1.8  | 1.2  | 1059  |
| 5.2  | 1.3  | 4671  |
| 1.7  | 1.0  | 2857  |
| 0.1  | 0.1  | 4309  |
| 1.3  | 0.5  | 1825  |
| 5.9  | 6.9  | 13996 |
| 0.0  | 0.0  | 10545 |
| 0.0  | 0.0  | 548   |
| 0.1  | 0.0  | 2509  |
| 0.4  | 0.1  | 10432 |
| 6.9  | 3.4  | 1122  |
| 0.1  | 0.0  | 978   |
| 1.2  | 0.7  | 310   |
| 7.6  | 6.2  | 3303  |
| 6.9  | 6.0  | 9247  |
| 0.1  | 0.0  | 5197  |
| 4.3  | 7.1  | 11163 |
| 3.6  | 1.5  | 19227 |
| 1.3  | 0.4  | 728   |
| 0.2  | 0.2  | 1382  |
| 15.6 | 12.6 | 1987  |
| 0.0  | 0.0  | 520   |
| 5.5  | 5.2  | 2932  |
| 0.8  | 0.5  | 3354  |
| 2.5  | 0.3  | 3186  |
| 0.7  | 0.1  | 1701  |

|      |      |       |
|------|------|-------|
| 2.3  | 1.3  | 19922 |
| 2.7  | 2.0  | 4139  |
| 0.0  | 0.1  | 2642  |
| 10.1 | 12.3 | 4299  |
| 76.2 | 42.1 | 4611  |
| 25.2 | 25.2 | 5342  |
| 0.1  | 0.0  | 6142  |
| 7.6  | 7.1  | 10407 |
| 2.8  | 1.9  | 2177  |
| 0.2  | 0.0  | 4234  |
| 7.5  | 3.3  | 7421  |
| 0.0  | 0.0  | 701   |
| 0.6  | 0.2  | 1794  |
| 4.6  | 3.6  | 36821 |
| 0.2  | 0.0  | 6252  |
| 0.0  | 0.0  | 1307  |
| 0.9  | 0.1  | 727   |
| 0.0  | 0.0  | 2146  |
| 0.0  | 0.0  | 1005  |
| 9.1  | 4.8  | 4183  |
| 0.8  | 0.2  | 2445  |
| 1.5  | 0.6  | 2574  |
| 0.2  | 0.0  | 849   |
| 0.2  | 0.0  | 2434  |
| 3.6  | 2.5  | 1651  |
| 15.2 | 17.6 | 4495  |
| 2.2  | 0.9  | 1726  |
| 6.7  | 2.4  | 2079  |
| 0.1  | 0.0  | 1204  |
| 2.5  | 2.9  | 8790  |
| 0.1  | 0.1  | 2083  |
| 0.3  | 0.3  | 2465  |
| 0.0  | 0.0  | 1966  |
| 1.2  | 0.6  | 1678  |
| 0.0  | 0.2  | 501   |
| 0.1  | 0.0  | 3373  |
| 0.0  | 0.0  | 673   |
| 3.7  | 1.4  | 2781  |
| 0.1  | 0.0  | 2860  |
| 0.0  | 0.0  | 5175  |
| 2.5  | 1.9  | 841   |
| 0.0  | 0.0  | 1002  |
| 0.0  | 0.0  | 2141  |
| 0.8  | 0.5  | 2007  |
| 4.7  | 1.9  | 4262  |
| 0.2  | 0.1  | 1763  |
| 0.1  | 0.1  | 21091 |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 687   |
| 13.0 | 16.0 | 2576  |
| 2.0  | 2.3  | 3747  |
| 0.0  | 0.0  | 927   |
| 0.0  | 0.0  | 1944  |
| 5.3  | 2.9  | 2548  |
| 5.0  | 3.7  | 11834 |
| 0.4  | 0.3  | 692   |
| 0.3  | 0.0  | 4259  |
| 3.8  | 1.7  | 2056  |
| 0.4  | 0.0  | 437   |
| 0.0  | 0.0  | 2102  |
| 1.1  | 0.8  | 18116 |
| 1.1  | 0.5  | 7920  |
| 0.4  | 0.3  | 1450  |
| 0.1  | 0.0  | 3655  |
| 7.6  | 6.2  | 1580  |
| 0.1  | 0.0  | 7335  |
| 0.7  | 0.1  | 5991  |
| 4.7  | 2.4  | 3019  |
| 1.1  | 1.1  | 12197 |
| 0.5  | 0.0  | 564   |
| 0.6  | 0.2  | 441   |
| 0.0  | 0.0  | 652   |
| 0.1  | 0.3  | 1598  |
| 0.2  | 0.0  | 1827  |
| 0.6  | 0.4  | 1420  |
| 3.2  | 1.7  | 2227  |
| 0.1  | 0.0  | 1369  |
| 1.7  | 0.6  | 2171  |
| 0.1  | 0.0  | 24888 |
| 0.0  | 0.0  | 27829 |
| 0.0  | 0.0  | 2603  |
| 0.7  | 0.3  | 2054  |
| 0.0  | 0.2  | 1108  |
| 13.1 | 12.4 | 3189  |
| 0.0  | 0.0  | 2128  |
| 0.3  | 0.3  | 7910  |
| 0.4  | 0.0  | 967   |
| 3.0  | 0.7  | 3123  |
| 0.3  | 0.0  | 992   |
| 18.0 | 19.8 | 10074 |
| 1.1  | 0.0  | 864   |
| 0.0  | 0.0  | 2127  |
| 0.1  | 0.0  | 1785  |
| 0.0  | 0.0  | 1690  |
| 0.1  | 0.0  | 1666  |



|      |      |       |
|------|------|-------|
| 4.4  | 2.9  | 8709  |
| 6.5  | 2.6  | 1945  |
| 8.0  | 11.7 | 3045  |
| 0.0  | 0.0  | 2100  |
| 6.6  | 4.9  | 7552  |
| 0.2  | 0.1  | 1642  |
| 0.3  | 0.0  | 2181  |
| 3.1  | 0.7  | 3708  |
| 8.1  | 4.2  | 1120  |
| 8.6  | 4.9  | 1154  |
| 0.0  | 0.0  | 812   |
| 0.2  | 0.0  | 1935  |
| 0.0  | 0.0  | 563   |
| 9.3  | 2.9  | 4599  |
| 5.4  | 5.2  | 1897  |
| 0.0  | 0.0  | 445   |
| 0.0  | 0.0  | 3793  |
| 0.0  | 0.0  | 1644  |
| 1.6  | 1.2  | 1797  |
| 0.2  | 0.0  | 3214  |
| 10.5 | 3.4  | 2162  |
| 0.6  | 0.0  | 1018  |
| 0.3  | 0.3  | 2764  |
| 0.1  | 0.0  | 3629  |
| 2.7  | 1.5  | 1913  |
| 0.1  | 0.1  | 5602  |
| 1.9  | 0.9  | 2603  |
| 0.0  | 0.0  | 1928  |
| 0.1  | 0.0  | 1406  |
| 1.4  | 1.3  | 656   |
| 11.2 | 16.7 | 5054  |
| 0.9  | 0.1  | 13946 |
| 3.1  | 4.3  | 1443  |
| 3.0  | 1.4  | 26748 |
| 0.7  | 0.0  | 1640  |
| 0.2  | 0.1  | 8716  |
| 1.7  | 2.2  | 2104  |
| 0.0  | 0.0  | 971   |
| 0.0  | 0.0  | 632   |
| 0.3  | 0.4  | 2636  |
| 0.6  | 0.2  | 2999  |
| 0.6  | 0.0  | 3727  |
| 0.1  | 0.0  | 3586  |
| 0.3  | 0.0  | 1630  |
| 0.0  | 0.0  | 3434  |
| 3.8  | 1.0  | 6494  |
| 0.7  | 0.2  | 3727  |

|      |      |       |
|------|------|-------|
| 0.1  | 0.1  | 2720  |
| 0.5  | 0.3  | 4195  |
| 0.0  | 0.0  | 618   |
| 11.7 | 3.5  | 2567  |
| 0.1  | 0.0  | 5535  |
| 5.9  | 1.2  | 3343  |
| 0.1  | 0.0  | 659   |
| 0.1  | 0.0  | 3122  |
| 0.4  | 0.1  | 1775  |
| 4.6  | 1.5  | 3108  |
| 9.4  | 5.0  | 20036 |
| 0.2  | 0.0  | 2138  |
| 0.0  | 0.0  | 1416  |
| 1.4  | 1.6  | 3871  |
| 0.2  | 0.4  | 3818  |
| 0.0  | 0.0  | 1258  |
| 0.0  | 0.0  | 3835  |
| 0.1  | 0.0  | 3140  |
| 0.1  | 0.1  | 5259  |
| 0.0  | 0.0  | 1058  |
| 0.0  | 0.0  | 1920  |
| 0.2  | 0.0  | 5454  |
| 2.2  | 0.6  | 1034  |
| 0.1  | 0.1  | 5898  |
| 10.5 | 8.8  | 673   |
| 23.5 | 13.6 | 1576  |
| 0.1  | 0.0  | 1218  |
| 1.4  | 0.9  | 2979  |
| 0.2  | 0.0  | 1931  |
| 0.0  | 0.0  | 1319  |
| 2.9  | 0.4  | 7852  |
| 0.6  | 0.8  | 1540  |
| 0.2  | 0.4  | 2550  |
| 46.1 | 51.1 | 2192  |
| 0.0  | 0.0  | 878   |
| 0.0  | 0.0  | 1292  |
| 0.3  | 0.1  | 1237  |
| 0.0  | 0.0  | 824   |
| 6.3  | 4.1  | 3001  |
| 0.1  | 0.0  | 1436  |
| 0.2  | 0.3  | 1558  |
| 0.0  | 0.0  | 1013  |
| 0.9  | 0.1  | 2305  |
| 1.4  | 0.5  | 1743  |
| 0.4  | 0.4  | 2865  |
| 0.5  | 0.4  | 6477  |
| 0.0  | 0.0  | 4362  |

|      |      |       |
|------|------|-------|
| 1.2  | 1.0  | 1194  |
| 2.9  | 6.3  | 778   |
| 9.1  | 9.7  | 5714  |
| 0.0  | 0.0  | 808   |
| 0.8  | 0.9  | 2031  |
| 0.2  | 0.0  | 2303  |
| 0.2  | 0.0  | 828   |
| 0.2  | 0.0  | 1737  |
| 1.0  | 0.3  | 2432  |
| 0.1  | 0.0  | 2967  |
| 8.0  | 6.0  | 882   |
| 75.3 | 62.1 | 3022  |
| 0.5  | 0.1  | 1377  |
| 1.0  | 0.7  | 2959  |
| 0.1  | 0.0  | 2023  |
| 3.7  | 2.2  | 14110 |
| 6.0  | 1.9  | 973   |
| 1.1  | 2.0  | 1432  |
| 0.1  | 0.0  | 4015  |
| 0.2  | 0.0  | 1280  |
| 9.2  | 7.3  | 10536 |
| 0.6  | 0.0  | 2714  |
| 0.0  | 0.0  | 4347  |
| 1.9  | 1.5  | 7313  |
| 0.2  | 0.2  | 1593  |
| 0.0  | 0.0  | 3883  |
| 5.9  | 3.7  | 14779 |
| 0.7  | 0.3  | 3934  |
| 1.8  | 0.9  | 3180  |
| 0.7  | 0.0  | 1045  |
| 29.4 | 25.3 | 1450  |
| 0.1  | 0.0  | 5255  |
| 0.1  | 0.0  | 3721  |
| 2.9  | 5.3  | 1056  |
| 0.0  | 0.0  | 4319  |
| 5.3  | 4.9  | 2911  |
| 0.2  | 0.0  | 1773  |
| 4.3  | 2.0  | 2939  |
| 2.5  | 1.2  | 7598  |
| 0.0  | 0.0  | 2291  |
| 0.0  | 0.0  | 2013  |
| 0.2  | 0.0  | 474   |
| 4.6  | 4.1  | 617   |
| 0.0  | 0.1  | 1995  |
| 1.7  | 1.0  | 2347  |
| 0.5  | 0.2  | 2879  |
| 0.0  | 0.1  | 3597  |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 1013  |
| 0.9  | 0.4  | 1957  |
| 3.7  | 2.1  | 2318  |
| 0.0  | 0.7  | 1436  |
| 1.7  | 2.2  | 3555  |
| 0.1  | 0.0  | 2830  |
| 1.0  | 0.1  | 2712  |
| 0.0  | 0.1  | 2102  |
| 0.1  | 0.0  | 1903  |
| 2.6  | 2.6  | 2117  |
| 0.2  | 0.1  | 3165  |
| 0.4  | 0.0  | 983   |
| 0.0  | 0.0  | 4107  |
| 1.7  | 0.5  | 1181  |
| 2.8  | 0.3  | 992   |
| 0.2  | 0.0  | 2596  |
| 16.2 | 8.2  | 2123  |
| 3.0  | 2.2  | 2651  |
| 2.8  | 2.6  | 29656 |
| 42.3 | 6.6  | 2945  |
| 54.1 | 48.3 | 3247  |
| 0.0  | 1.3  | 80    |
| 0.0  | 0.0  | 73    |
| 0.0  | 0.0  | 73    |
| 16.0 | 5.2  | 100   |
| 0.0  | 0.0  | 84    |
| 0.0  | 0.0  | 88    |
| 0.0  | 0.0  | 66    |
| 2.9  | 1.1  | 99    |
| 0.0  | 0.0  | 61    |
| 1.9  | 0.0  | 100   |
| 0.0  | 0.0  | 89    |
| 28.3 | 38.8 | 70    |
| 0.0  | 0.0  | 66    |
| 0.0  | 0.0  | 68    |
| 0.0  | 0.0  | 69    |
| 0.0  | 0.0  | 76    |
| 0.0  | 0.0  | 64    |
| 0.0  | 0.0  | 81    |
| 0.0  | 0.0  | 83    |
| 0.0  | 0.0  | 92    |
| 0.0  | 1.4  | 73    |
| 0.0  | 0.0  | 77    |
| 0.0  | 0.0  | 84    |
| 0.1  | 0.0  | 2091  |
| 0.0  | 0.0  | 70    |
| 0.0  | 0.0  | 94    |

|      |     |       |
|------|-----|-------|
| 0.0  | 0.0 | 94    |
| 0.0  | 0.0 | 94    |
| 0.0  | 0.0 | 68    |
| 0.0  | 0.0 | 4341  |
| 0.0  | 0.0 | 87    |
| 0.0  | 0.0 | 77    |
| 4.4  | 2.3 | 984   |
| 0.0  | 4.9 | 86    |
| 0.4  | 0.1 | 1503  |
| 0.0  | 0.0 | 57    |
| 11.3 | 2.8 | 2328  |
| 0.0  | 0.0 | 81    |
| 2.2  | 9.7 | 86    |
| 0.6  | 0.2 | 4320  |
| 1.2  | 0.0 | 79    |
| 0.0  | 0.0 | 83    |
| 0.3  | 0.0 | 1591  |
| 0.0  | 0.0 | 58    |
| 0.0  | 0.0 | 70    |
| 3.8  | 2.7 | 1386  |
| 0.0  | 0.0 | 60    |
| 0.1  | 0.0 | 2367  |
| 0.0  | 0.0 | 75    |
| 0.0  | 0.0 | 87    |
| 0.3  | 0.0 | 2911  |
| 1.4  | 0.0 | 69    |
| 2.0  | 0.4 | 4246  |
| 0.0  | 0.0 | 69    |
| 6.1  | 4.1 | 3260  |
| 1.3  | 0.0 | 75    |
| 0.0  | 0.0 | 87    |
| 0.4  | 0.5 | 1052  |
| 0.0  | 0.0 | 70    |
| 0.0  | 0.0 | 56    |
| 0.0  | 0.0 | 47    |
| 0.0  | 0.0 | 51    |
| 0.0  | 0.0 | 71    |
| 0.0  | 0.0 | 60    |
| 0.0  | 0.0 | 76    |
| 0.0  | 0.0 | 59    |
| 0.0  | 0.0 | 74    |
| 8.3  | 8.5 | 11223 |
| 0.0  | 0.0 | 53    |
| 0.0  | 0.0 | 61    |
| 0.0  | 0.0 | 83    |
| 0.5  | 0.5 | 3397  |
| 0.0  | 0.0 | 55    |

|     |     |      |
|-----|-----|------|
| 0.0 | 0.0 | 87   |
| 0.0 | 0.0 | 107  |
| 0.0 | 0.0 | 96   |
| 0.0 | 0.0 | 70   |
| 0.0 | 0.0 | 139  |
| 0.0 | 0.0 | 70   |
| 0.0 | 0.0 | 101  |
| 0.0 | 0.0 | 78   |
| 0.0 | 0.0 | 79   |
| 0.0 | 0.0 | 54   |
| 0.0 | 0.0 | 79   |
| 0.0 | 0.0 | 80   |
| 0.0 | 0.0 | 84   |
| 0.0 | 0.0 | 68   |
| 0.0 | 2.3 | 90   |
| 0.0 | 0.0 | 80   |
| 0.0 | 0.0 | 82   |
| 0.0 | 0.0 | 78   |
| 0.0 | 0.0 | 84   |
| 0.0 | 0.0 | 77   |
| 0.0 | 0.0 | 63   |
| 0.0 | 2.6 | 80   |
| 0.0 | 0.0 | 79   |
| 0.0 | 0.0 | 83   |
| 0.0 | 0.0 | 76   |
| 0.0 | 0.0 | 76   |
| 0.0 | 0.0 | 73   |
| 0.0 | 0.0 | 78   |
| 0.0 | 0.0 | 83   |
| 0.0 | 0.0 | 76   |
| 2.5 | 0.0 | 74   |
| 0.0 | 0.0 | 75   |
| 0.0 | 0.0 | 53   |
| 0.0 | 0.0 | 65   |
| 0.0 | 0.0 | 81   |
| 1.0 | 0.1 | 1416 |
| 0.0 | 0.0 | 74   |
| 0.0 | 0.0 | 67   |
| 1.6 | 0.3 | 2484 |
| 0.0 | 0.0 | 73   |
| 0.3 | 0.0 | 2925 |
| 0.0 | 0.0 | 76   |
| 0.3 | 0.5 | 1719 |
| 0.0 | 0.0 | 81   |
| 0.0 | 0.0 | 3061 |
| 0.0 | 8.8 | 71   |
| 1.8 | 0.8 | 2092 |

|     |     |      |
|-----|-----|------|
| 1.2 | 0.0 | 79   |
| 0.0 | 0.0 | 79   |
| 0.5 | 0.3 | 978  |
| 0.0 | 0.0 | 1860 |
| 0.0 | 0.0 | 79   |
| 0.0 | 0.0 | 95   |
| 0.5 | 0.0 | 693  |
| 0.0 | 0.0 | 70   |
| 0.2 | 0.0 | 1333 |
| 0.0 | 0.0 | 96   |
| 0.0 | 0.0 | 88   |
| 0.0 | 0.0 | 98   |
| 0.0 | 0.0 | 62   |
| 0.0 | 0.0 | 105  |
| 0.0 | 0.0 | 75   |
| 0.0 | 0.0 | 73   |
| 1.7 | 3.8 | 110  |
| 0.0 | 0.0 | 81   |
| 0.0 | 0.0 | 59   |
| 1.1 | 0.0 | 87   |
| 0.0 | 0.0 | 77   |
| 0.0 | 0.0 | 72   |
| 0.0 | 0.0 | 80   |
| 0.0 | 0.0 | 74   |
| 0.0 | 0.0 | 75   |
| 0.0 | 0.0 | 77   |
| 0.0 | 0.0 | 74   |
| 0.0 | 0.0 | 72   |
| 0.0 | 0.0 | 80   |
| 0.0 | 0.0 | 82   |
| 0.0 | 0.0 | 77   |
| 0.0 | 0.0 | 76   |
| 0.0 | 0.0 | 80   |
| 0.0 | 0.0 | 84   |
| 0.0 | 0.0 | 83   |
| 0.0 | 0.0 | 70   |
| 0.0 | 0.0 | 60   |
| 0.0 | 0.0 | 85   |
| 0.0 | 0.0 | 63   |
| 0.0 | 0.0 | 75   |
| 0.0 | 0.0 | 80   |
| 0.0 | 0.0 | 87   |
| 0.0 | 0.0 | 70   |
| 0.0 | 0.0 | 80   |
| 0.0 | 0.0 | 74   |
| 0.0 | 0.0 | 82   |
| 1.2 | 1.3 | 80   |

|      |      |      |
|------|------|------|
| 0.0  | 0.0  | 79   |
| 0.0  | 0.0  | 75   |
| 0.0  | 0.0  | 71   |
| 0.0  | 0.0  | 82   |
| 1.2  | 0.0  | 80   |
| 0.0  | 0.0  | 67   |
| 0.0  | 2.9  | 72   |
| 1.1  | 0.0  | 86   |
| 0.0  | 0.0  | 70   |
| 0.0  | 0.0  | 56   |
| 0.0  | 0.0  | 63   |
| 0.0  | 0.0  | 70   |
| 0.0  | 0.0  | 50   |
| 0.0  | 0.0  | 82   |
| 0.0  | 0.0  | 75   |
| 0.0  | 0.0  | 54   |
| 0.0  | 0.0  | 79   |
| 0.0  | 0.0  | 77   |
| 0.0  | 0.0  | 60   |
| 0.0  | 0.0  | 79   |
| 0.0  | 0.0  | 84   |
| 0.0  | 0.0  | 84   |
| 0.0  | 0.0  | 73   |
| 0.0  | 0.0  | 78   |
| 0.4  | 0.0  | 1593 |
| 0.0  | 0.0  | 62   |
| 0.0  | 0.0  | 72   |
| 1.2  | 0.0  | 77   |
| 0.0  | 0.0  | 51   |
| 0.0  | 0.0  | 78   |
| 0.0  | 0.0  | 84   |
| 0.0  | 0.0  | 77   |
| 0.0  | 0.0  | 76   |
| 0.0  | 0.0  | 69   |
| 16.9 | 10.6 | 89   |
| 0.0  | 0.0  | 60   |
| 0.0  | 0.0  | 80   |
| 0.0  | 0.0  | 54   |
| 0.0  | 0.0  | 84   |
| 0.0  | 0.0  | 41   |
| 0.0  | 0.0  | 88   |
| 0.0  | 0.0  | 68   |
| 0.0  | 0.0  | 86   |
| 0.0  | 0.0  | 84   |
| 0.0  | 0.0  | 90   |
| 0.0  | 0.0  | 58   |
| 0.0  | 0.0  | 68   |



|      |     |     |
|------|-----|-----|
| 0.0  | 0.0 | 55  |
| 0.0  | 0.0 | 73  |
| 2.1  | 0.0 | 88  |
| 0.0  | 0.0 | 73  |
| 0.0  | 0.0 | 72  |
| 0.0  | 0.0 | 49  |
| 0.0  | 0.0 | 76  |
| 0.0  | 0.0 | 82  |
| 0.0  | 0.0 | 70  |
| 0.0  | 0.0 | 94  |
| 0.0  | 0.0 | 76  |
| 0.0  | 0.0 | 84  |
| 0.0  | 0.0 | 76  |
| 0.0  | 0.0 | 70  |
| 0.0  | 0.0 | 53  |
| 0.0  | 0.0 | 69  |
| 0.0  | 0.0 | 80  |
| 0.0  | 0.0 | 47  |
| 0.0  | 0.0 | 85  |
| 0.0  | 0.0 | 81  |
| 5.1  | 0.0 | 74  |
| 22.4 | 5.0 | 84  |
| 0.0  | 0.0 | 60  |
| 0.0  | 0.0 | 87  |
| 0.0  | 0.0 | 74  |
| 0.0  | 0.0 | 63  |
| 0.0  | 0.0 | 67  |
| 0.0  | 0.0 | 93  |
| 0.0  | 3.5 | 90  |
| 2.4  | 1.3 | 80  |
| 0.0  | 0.0 | 85  |
| 3.8  | 4.3 | 98  |
| 0.0  | 0.0 | 90  |
| 0.0  | 0.0 | 100 |
| 0.0  | 0.0 | 82  |
| 2.8  | 0.0 | 67  |
| 0.0  | 0.0 | 73  |
| 0.0  | 0.0 | 53  |
| 2.0  | 2.3 | 92  |
| 0.0  | 5.9 | 71  |
| 0.0  | 0.0 | 54  |
| 0.0  | 0.0 | 70  |
| 0.0  | 0.0 | 82  |
| 0.0  | 0.0 | 67  |
| 1.2  | 0.0 | 77  |
| 0.0  | 0.0 | 91  |
| 0.0  | 0.0 | 67  |

|       |      |    |
|-------|------|----|
| 0.0   | 0.0  | 86 |
| 0.0   | 0.0  | 74 |
| 5.7   | 4.7  | 66 |
| 0.0   | 0.0  | 72 |
| 0.0   | 0.0  | 66 |
| 0.0   | 0.0  | 83 |
| 0.0   | 0.0  | 64 |
| 0.0   | 0.0  | 66 |
| 0.0   | 0.0  | 65 |
| 0.0   | 0.0  | 76 |
| 2.1   | 0.0  | 89 |
| 0.0   | 0.0  | 72 |
| 0.0   | 0.0  | 66 |
| 0.0   | 0.0  | 73 |
| 0.0   | 0.0  | 71 |
| 0.0   | 0.0  | 89 |
| 0.0   | 0.0  | 78 |
| 0.0   | 0.0  | 77 |
| 1.1   | 0.0  | 88 |
| 0.0   | 0.0  | 55 |
| 0.0   | 0.0  | 58 |
| 0.0   | 0.0  | 43 |
| 0.0   | 0.0  | 80 |
| 0.0   | 0.0  | 68 |
| 0.0   | 0.0  | 82 |
| 0.0   | 0.0  | 75 |
| 1.4   | 3.2  | 66 |
| 1.0   | 2.3  | 92 |
| 0.0   | 0.0  | 86 |
| 0.0   | 0.0  | 88 |
| 436.5 | 11.3 | 74 |
| 0.0   | 0.0  | 77 |
| 3.4   | 0.0  | 83 |
| 0.0   | 0.0  | 76 |
| 0.0   | 0.0  | 68 |
| 1.2   | 2.7  | 78 |
| 0.0   | 0.0  | 58 |
| 0.0   | 0.0  | 74 |
| 0.0   | 0.0  | 67 |
| 0.0   | 0.0  | 77 |
| 0.0   | 0.0  | 92 |
| 0.0   | 0.0  | 58 |
| 0.0   | 0.0  | 88 |
| 0.0   | 0.0  | 74 |
| 0.0   | 0.0  | 74 |
| 0.0   | 0.0  | 72 |
| 0.0   | 0.0  | 70 |

|     |     |     |
|-----|-----|-----|
| 0.0 | 0.0 | 78  |
| 0.0 | 0.0 | 78  |
| 0.0 | 0.0 | 54  |
| 0.0 | 0.0 | 78  |
| 0.0 | 0.0 | 63  |
| 0.0 | 0.0 | 76  |
| 0.0 | 0.0 | 75  |
| 0.0 | 0.0 | 79  |
| 0.0 | 0.0 | 80  |
| 0.0 | 0.0 | 80  |
| 0.0 | 0.0 | 72  |
| 0.0 | 0.0 | 83  |
| 0.0 | 0.0 | 86  |
| 0.0 | 0.0 | 80  |
| 0.0 | 0.0 | 67  |
| 0.0 | 0.0 | 83  |
| 0.0 | 0.0 | 91  |
| 0.0 | 0.0 | 81  |
| 0.0 | 0.0 | 78  |
| 0.0 | 0.0 | 70  |
| 0.0 | 0.0 | 76  |
| 0.0 | 0.0 | 79  |
| 0.0 | 0.0 | 81  |
| 0.0 | 0.0 | 81  |
| 1.1 | 0.0 | 82  |
| 0.0 | 0.0 | 86  |
| 7.3 | 0.0 | 77  |
| 1.3 | 1.5 | 72  |
| 5.2 | 4.3 | 73  |
| 0.0 | 0.0 | 100 |
| 0.0 | 0.0 | 69  |
| 0.0 | 0.0 | 74  |
| 0.0 | 0.0 | 81  |
| 0.0 | 0.0 | 80  |
| 0.0 | 0.0 | 80  |
| 0.0 | 0.0 | 84  |
| 0.0 | 1.5 | 72  |
| 0.0 | 0.0 | 66  |
| 4.0 | 1.5 | 71  |
| 0.0 | 0.0 | 82  |
| 0.0 | 0.0 | 79  |
| 0.0 | 0.0 | 57  |
| 0.0 | 0.0 | 84  |
| 0.0 | 0.0 | 71  |
| 0.0 | 0.0 | 74  |
| 0.0 | 0.0 | 60  |
| 0.0 | 1.2 | 87  |

|     |     |       |
|-----|-----|-------|
| 0.0 | 0.0 | 70    |
| 0.0 | 0.0 | 77    |
| 0.0 | 0.0 | 62    |
| 0.0 | 0.0 | 89    |
| 0.0 | 0.0 | 83    |
| 0.0 | 0.0 | 81    |
| 0.0 | 0.0 | 57    |
| 0.0 | 0.0 | 71    |
| 0.0 | 0.0 | 63    |
| 0.0 | 0.0 | 75    |
| 0.0 | 0.0 | 73    |
| 0.0 | 0.0 | 74    |
| 0.0 | 0.0 | 62    |
| 0.0 | 0.0 | 87    |
| 0.0 | 0.0 | 62    |
| 0.0 | 0.0 | 80    |
| 0.0 | 0.0 | 97    |
| 0.0 | 0.0 | 82    |
| 0.0 | 0.0 | 84    |
| 0.0 | 0.0 | 80    |
| 0.0 | 0.0 | 68    |
| 0.0 | 0.0 | 74    |
| 0.0 | 0.0 | 78    |
| 0.0 | 0.0 | 38849 |
| 0.1 | 0.0 | 3555  |
| 1.0 | 0.7 | 2045  |
| 0.0 | 0.1 | 2903  |
| 6.3 | 3.2 | 1484  |
| 1.3 | 0.4 | 2611  |
| 3.2 | 1.5 | 2093  |
| 1.6 | 0.6 | 1851  |
| 0.0 | 0.0 | 84    |
| 2.0 | 2.4 | 1058  |
| 0.0 | 0.0 | 964   |
| 3.6 | 6.2 | 236   |
| 0.1 | 0.1 | 13879 |
| 0.7 | 1.2 | 2615  |
| 0.0 | 0.0 | 75    |
| 0.0 | 0.0 | 83    |
| 0.0 | 0.0 | 89    |
| 0.0 | 0.0 | 81    |
| 0.0 | 0.0 | 70    |
| 0.0 | 0.0 | 83    |
| 0.0 | 0.0 | 75    |
| 0.0 | 0.0 | 92    |
| 0.0 | 0.0 | 80    |
| 0.0 | 0.0 | 61    |

|      |      |       |
|------|------|-------|
| 0.2  | 0.2  | 1429  |
| 0.0  | 0.0  | 2064  |
| 3.5  | 3.1  | 2523  |
| 49.7 | 34.5 | 1399  |
| 0.0  | 0.0  | 65    |
| 8.6  | 7.9  | 12369 |
| 1.9  | 1.6  | 24509 |
| 0.6  | 0.2  | 6032  |
| 6.3  | 4.0  | 2167  |
| 1.4  | 0.3  | 2295  |
| 12.2 | 9.6  | 10134 |
| 0.7  | 0.1  | 1724  |
| 4.8  | 4.5  | 1379  |
| 0.0  | 0.0  | 1058  |
| 0.2  | 0.0  | 1716  |
| 1.2  | 0.9  | 5512  |
| 6.3  | 5.5  | 7068  |
| 1.0  | 0.6  | 19084 |
| 0.0  | 0.0  | 2177  |
| 1.2  | 1.1  | 21742 |
| 0.1  | 0.0  | 1893  |
| 0.4  | 0.1  | 2100  |
| 0.3  | 0.0  | 2489  |
| 8.1  | 7.9  | 8725  |
| 0.7  | 1.0  | 11195 |
| 0.0  | 0.0  | 55    |
| 5.5  | 1.2  | 86    |
| 0.0  | 0.0  | 52    |
| 0.0  | 0.0  | 91    |
| 0.0  | 0.0  | 97    |
| 0.6  | 0.0  | 2320  |
| 0.0  | 0.0  | 81    |
| 0.0  | 0.0  | 78    |
| 1.3  | 0.0  | 74    |
| 23.9 | 3.3  | 63    |
| 3.5  | 1.0  | 2112  |
| 0.1  | 0.1  | 3908  |
| 4.3  | 3.2  | 8336  |
| 0.6  | 0.3  | 19184 |
| 1.7  | 1.0  | 1309  |
| 0.0  | 0.0  | 3977  |
| 0.1  | 0.0  | 1942  |
| 0.2  | 0.0  | 9138  |
| 0.2  | 0.0  | 2582  |
| 0.5  | 0.1  | 1041  |
| 2.3  | 1.1  | 2012  |
| 10.0 | 8.1  | 2952  |

|      |      |       |
|------|------|-------|
| 0.4  | 0.3  | 2196  |
| 3.5  | 1.3  | 5538  |
| 0.0  | 0.0  | 2321  |
| 0.3  | 0.3  | 3985  |
| 0.2  | 0.0  | 2809  |
| 0.0  | 0.0  | 1927  |
| 0.0  | 0.0  | 1948  |
| 39.5 | 21.7 | 4432  |
| 5.6  | 2.9  | 2161  |
| 3.9  | 0.9  | 2609  |
| 1.1  | 0.3  | 3442  |
| 4.7  | 2.4  | 2408  |
| 0.4  | 0.0  | 1842  |
| 0.2  | 0.1  | 23289 |
| 0.0  | 0.0  | 64    |
| 0.1  | 0.0  | 26644 |
| 1.0  | 0.2  | 1834  |
| 0.0  | 0.0  | 1061  |
| 0.1  | 0.0  | 2315  |
| 0.0  | 0.0  | 2483  |
| 1.7  | 0.4  | 3721  |
| 1.7  | 0.2  | 3312  |
| 0.0  | 0.0  | 80    |
| 1.0  | 0.9  | 24731 |
| 37.0 | 18.6 | 56    |
| 0.5  | 0.3  | 7236  |
| 0.5  | 0.3  | 4232  |
| 2.7  | 1.1  | 26648 |
| 0.2  | 0.1  | 13307 |
| 0.6  | 0.6  | 15808 |
| 5.7  | 2.6  | 1445  |
| 2.7  | 1.9  | 1156  |
| 1.3  | 0.6  | 6650  |
| 0.6  | 0.2  | 2468  |
| 0.2  | 0.0  | 1445  |
| 8.5  | 6.5  | 9919  |
| 0.2  | 0.0  | 568   |
| 0.4  | 0.1  | 11584 |
| 0.8  | 0.1  | 2143  |
| 13.7 | 12.3 | 5994  |
| 1.0  | 0.5  | 3189  |
| 0.3  | 0.1  | 26615 |
| 4.1  | 4.1  | 604   |
| 1.6  | 0.3  | 4987  |
| 3.4  | 3.1  | 9345  |
| 0.1  | 0.0  | 1675  |
| 0.8  | 0.3  | 2247  |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 1768  |
| 0.3  | 0.1  | 3080  |
| 9.5  | 4.0  | 10870 |
| 0.2  | 0.0  | 1635  |
| 0.1  | 0.3  | 1297  |
| 0.5  | 0.1  | 1967  |
| 0.5  | 0.4  | 38854 |
| 8.9  | 9.4  | 1221  |
| 0.6  | 0.1  | 3516  |
| 1.0  | 0.9  | 11485 |
| 0.0  | 0.5  | 213   |
| 1.2  | 1.8  | 651   |
| 3.6  | 3.5  | 14718 |
| 0.3  | 0.0  | 4885  |
| 1.1  | 0.6  | 36542 |
| 0.6  | 0.6  | 8774  |
| 1.5  | 0.6  | 5509  |
| 3.2  | 3.0  | 13870 |
| 2.6  | 1.9  | 5525  |
| 22.2 | 25.6 | 21983 |
| 0.0  | 0.0  | 3719  |
| 1.4  | 1.3  | 19372 |
| 0.1  | 0.0  | 3417  |
| 0.0  | 0.0  | 1224  |
| 0.3  | 0.0  | 578   |
| 0.2  | 0.1  | 13991 |
| 1.6  | 1.1  | 2970  |
| 18.9 | 15.0 | 5631  |
| 2.2  | 1.2  | 2039  |
| 0.9  | 1.0  | 8704  |
| 10.8 | 5.0  | 3154  |
| 0.1  | 0.7  | 2376  |
| 2.5  | 1.5  | 18192 |
| 2.2  | 1.5  | 15464 |
| 0.1  | 0.0  | 1806  |
| 0.0  | 0.0  | 746   |
| 1.2  | 0.8  | 2730  |
| 0.1  | 0.0  | 1878  |
| 1.2  | 0.4  | 3484  |
| 0.5  | 0.1  | 2176  |
| 0.0  | 0.0  | 12599 |
| 23.7 | 15.5 | 24339 |
| 0.2  | 0.0  | 1539  |
| 0.2  | 0.0  | 5427  |
| 1.8  | 1.5  | 7586  |
| 0.2  | 0.0  | 2511  |
| 6.7  | 5.3  | 2021  |

|      |      |       |
|------|------|-------|
| 0.9  | 0.5  | 1700  |
| 53.6 | 48.5 | 4038  |
| 0.8  | 0.7  | 7378  |
| 2.1  | 1.7  | 15740 |
| 0.7  | 0.0  | 1014  |
| 3.3  | 2.2  | 7603  |
| 1.5  | 0.1  | 2097  |
| 0.1  | 0.0  | 1723  |
| 1.3  | 1.0  | 1095  |
| 0.0  | 0.0  | 526   |
| 5.3  | 5.2  | 12337 |
| 11.4 | 5.8  | 8981  |
| 2.0  | 0.4  | 1205  |
| 4.4  | 1.9  | 7003  |
| 2.4  | 1.2  | 14950 |
| 4.1  | 4.7  | 5452  |
| 1.3  | 0.8  | 9666  |
| 1.6  | 0.3  | 3314  |
| 12.5 | 12.0 | 1895  |
| 0.1  | 0.0  | 12880 |
| 0.1  | 0.0  | 11309 |
| 0.2  | 0.0  | 1201  |
| 8.6  | 10.1 | 6228  |
| 0.1  | 0.2  | 3707  |
| 0.8  | 0.0  | 827   |
| 4.1  | 1.4  | 13828 |
| 1.3  | 0.4  | 569   |
| 0.9  | 0.7  | 24006 |
| 3.3  | 3.2  | 16175 |
| 2.7  | 2.5  | 3071  |
| 0.1  | 0.0  | 3956  |
| 5.8  | 5.0  | 7957  |
| 3.1  | 2.4  | 18596 |
| 0.1  | 0.0  | 2482  |
| 0.8  | 0.7  | 16512 |
| 0.1  | 0.0  | 1294  |
| 0.9  | 0.1  | 1877  |
| 2.8  | 2.7  | 24327 |
| 12.4 | 7.4  | 1486  |
| 0.0  | 0.0  | 6157  |
| 0.2  | 0.1  | 5199  |
| 0.7  | 0.1  | 7881  |
| 0.5  | 0.2  | 4467  |
| 6.9  | 5.4  | 4430  |
| 10.2 | 7.9  | 4482  |
| 44.3 | 46.5 | 3994  |
| 0.1  | 0.1  | 26838 |



|      |      |       |
|------|------|-------|
| 1.8  | 1.9  | 28011 |
| 11.9 | 10.6 | 4343  |
| 11.9 | 7.3  | 4120  |
| 6.0  | 5.7  | 1402  |
| 0.0  | 0.0  | 2416  |
| 0.0  | 0.0  | 2417  |
| 0.1  | 0.0  | 3181  |
| 2.5  | 1.8  | 2964  |
| 2.1  | 0.9  | 3060  |
| 6.1  | 4.6  | 7118  |
| 7.4  | 4.4  | 13029 |
| 1.0  | 0.3  | 11673 |
| 3.1  | 2.7  | 9028  |
| 15.0 | 14.3 | 3172  |
| 42.2 | 38.1 | 5048  |
| 1.0  | 0.8  | 3020  |
| 0.6  | 0.5  | 4372  |
| 7.1  | 5.6  | 15784 |
| 0.3  | 0.2  | 7075  |
| 0.1  | 0.1  | 7058  |
| 2.9  | 1.0  | 723   |
| 11.4 | 9.7  | 5919  |
| 0.1  | 0.0  | 3792  |
| 0.1  | 0.0  | 4132  |
| 9.4  | 7.0  | 17684 |
| 4.8  | 4.0  | 9346  |
| 0.1  | 0.0  | 14052 |
| 0.2  | 0.0  | 1933  |
| 0.0  | 0.0  | 9051  |
| 11.1 | 13.8 | 17731 |
| 0.0  | 0.0  | 14389 |
| 0.4  | 0.3  | 8386  |
| 4.9  | 4.2  | 8605  |
| 2.5  | 1.8  | 8253  |
| 0.1  | 0.0  | 13045 |
| 2.5  | 2.5  | 6995  |
| 0.0  | 0.0  | 678   |
| 6.9  | 4.5  | 4509  |
| 27.7 | 16.6 | 8291  |
| 5.1  | 2.0  | 4576  |
| 3.3  | 2.8  | 3264  |
| 6.5  | 3.7  | 2138  |
| 5.9  | 3.8  | 2392  |
| 5.5  | 1.6  | 1109  |
| 0.3  | 0.2  | 1979  |
| 63.5 | 84.4 | 945   |
| 1.0  | 0.5  | 4246  |

|      |      |       |
|------|------|-------|
| 26.8 | 41.3 | 794   |
| 5.3  | 2.8  | 1083  |
| 0.7  | 0.1  | 1401  |
| 8.9  | 11.3 | 1307  |
| 0.4  | 0.1  | 1538  |
| 9.1  | 9.5  | 1679  |
| 8.4  | 10.0 | 698   |
| 8.5  | 9.5  | 2307  |
| 2.3  | 4.2  | 1809  |
| 6.8  | 2.8  | 2244  |
| 7.2  | 3.0  | 3028  |
| 63.9 | 59.4 | 1710  |
| 5.8  | 6.1  | 1063  |
| 2.0  | 1.5  | 2307  |
| 22.1 | 18.7 | 1372  |
| 26.0 | 21.2 | 3131  |
| 7.1  | 5.7  | 1478  |
| 34.9 | 44.0 | 574   |
| 3.3  | 2.9  | 1414  |
| 4.9  | 4.8  | 2724  |
| 0.1  | 0.0  | 1030  |
| 15.1 | 12.4 | 2918  |
| 0.1  | 0.6  | 974   |
| 31.7 | 32.5 | 3392  |
| 8.3  | 8.2  | 2693  |
| 8.6  | 7.9  | 2347  |
| 2.1  | 0.6  | 1275  |
| 15.3 | 12.9 | 1554  |
| 21.2 | 24.8 | 2462  |
| 17.8 | 20.4 | 1403  |
| 20.3 | 18.6 | 1960  |
| 57.1 | 50.3 | 1116  |
| 4.5  | 2.2  | 2055  |
| 1.7  | 0.9  | 17523 |
| 8.2  | 6.9  | 1270  |
| 25.5 | 22.4 | 1741  |
| 1.2  | 1.9  | 1511  |
| 0.1  | 0.0  | 3088  |
| 30.5 | 34.5 | 2204  |
| 4.9  | 6.1  | 1999  |
| 44.3 | 44.5 | 1669  |
| 4.8  | 5.3  | 2671  |
| 35.2 | 37.2 | 2198  |
| 0.0  | 0.0  | 1138  |
| 65.8 | 56.1 | 2445  |
| 8.3  | 4.3  | 1619  |
| 15.2 | 14.8 | 2416  |

|      |       |       |
|------|-------|-------|
| 3.7  | 2.7   | 1424  |
| 40.6 | 48.0  | 1307  |
| 2.4  | 1.6   | 3194  |
| 11.7 | 11.8  | 1825  |
| 1.8  | 0.9   | 2062  |
| 6.3  | 4.9   | 2943  |
| 13.4 | 11.5  | 1835  |
| 3.0  | 0.8   | 1430  |
| 8.8  | 9.5   | 2639  |
| 6.1  | 2.0   | 1202  |
| 4.7  | 6.8   | 3283  |
| 0.3  | 0.0   | 1374  |
| 6.5  | 5.5   | 3309  |
| 0.6  | 0.4   | 4138  |
| 2.7  | 1.5   | 3566  |
| 4.2  | 1.4   | 4447  |
| 2.5  | 1.5   | 19546 |
| 2.7  | 2.6   | 9087  |
| 1.1  | 0.3   | 20570 |
| 22.8 | 32.5  | 17971 |
| 2.3  | 1.0   | 13131 |
| 2.5  | 2.2   | 6849  |
| 4.0  | 4.0   | 4026  |
| 0.7  | 0.5   | 10522 |
| 28.1 | 32.5  | 2239  |
| 1.2  | 1.2   | 18990 |
| 4.0  | 4.2   | 12112 |
| 3.8  | 2.5   | 11089 |
| 19.1 | 9.3   | 1993  |
| 13.4 | 9.1   | 2024  |
| 16.5 | 10.6  | 1731  |
| 2.2  | 1.0   | 4362  |
| 8.7  | 9.0   | 6531  |
| 0.0  | 0.0   | 870   |
| 0.0  | 0.0   | 1170  |
| 0.3  | 0.0   | 966   |
| 72.5 | 153.5 | 704   |
| 2.6  | 1.1   | 2728  |
| 0.0  | 0.0   | 734   |
| 0.0  | 0.0   | 700   |
| 0.0  | 0.0   | 3012  |
| 2.9  | 0.2   | 421   |
| 0.6  | 0.4   | 1769  |
| 0.1  | 0.1   | 3470  |
| 0.0  | 0.0   | 1794  |
| 0.0  | 0.0   | 6111  |
| 0.0  | 0.0   | 1732  |

|      |     |       |
|------|-----|-------|
| 0.0  | 0.0 | 1386  |
| 1.4  | 1.2 | 3328  |
| 1.0  | 0.3 | 2465  |
| 13.4 | 5.9 | 633   |
| 0.0  | 0.0 | 41607 |
| 0.0  | 0.0 | 836   |
| 0.0  | 0.0 | 569   |
| 0.0  | 0.0 | 601   |
| 0.0  | 0.0 | 580   |
| 2.6  | 1.0 | 1400  |
| 0.1  | 0.0 | 816   |
| 11.5 | 9.6 | 851   |
| 2.0  | 2.0 | 2106  |
| 13.9 | 9.2 | 1277  |
| 0.0  | 0.0 | 255   |
| 0.0  | 0.0 | 1982  |
| 1.5  | 0.5 | 1898  |
| 0.0  | 0.0 | 2309  |
| 0.7  | 0.5 | 694   |
| 0.1  | 0.0 | 2977  |
| 0.2  | 0.0 | 2352  |
| 0.0  | 0.0 | 1176  |
| 4.9  | 2.4 | 696   |
| 0.2  | 0.2 | 513   |
| 7.1  | 1.2 | 622   |
| 1.2  | 0.5 | 2194  |
| 0.7  | 0.2 | 4256  |
| 0.1  | 0.0 | 1806  |
| 0.5  | 0.1 | 1005  |
| 5.4  | 3.9 | 1590  |
| 0.0  | 0.0 | 960   |
| 0.5  | 0.8 | 514   |
| 0.2  | 0.4 | 1344  |
| 0.0  | 0.0 | 1148  |
| 0.0  | 0.0 | 3341  |
| 0.4  | 0.0 | 1151  |
| 14.4 | 2.8 | 896   |
| 5.7  | 7.5 | 1366  |
| 2.9  | 0.0 | 393   |
| 1.2  | 0.9 | 732   |
| 0.0  | 0.0 | 454   |
| 14.4 | 6.5 | 752   |
| 0.3  | 0.6 | 1626  |
| 5.7  | 6.3 | 714   |
| 0.0  | 0.0 | 4033  |
| 0.1  | 0.0 | 2256  |
| 0.3  | 0.2 | 635   |

|       |       |      |
|-------|-------|------|
| 10.3  | 1.5   | 920  |
| 0.0   | 0.0   | 3648 |
| 24.3  | 6.2   | 693  |
| 0.5   | 0.3   | 3476 |
| 2.8   | 1.7   | 2297 |
| 0.0   | 0.0   | 1026 |
| 0.0   | 0.0   | 1298 |
| 45.7  | 26.7  | 2144 |
| 2.4   | 2.6   | 796  |
| 0.0   | 0.0   | 738  |
| 0.0   | 0.0   | 1984 |
| 0.0   | 0.0   | 3316 |
| 0.8   | 0.3   | 1178 |
| 0.0   | 0.0   | 1563 |
| 1.6   | 0.8   | 3326 |
| 0.0   | 0.0   | 800  |
| 0.0   | 0.0   | 872  |
| 0.0   | 0.0   | 4802 |
| 0.0   | 0.0   | 2442 |
| 2.9   | 1.6   | 3098 |
| 124.5 | 151.4 | 1637 |
| 7.6   | 7.9   | 1062 |
| 4.2   | 1.2   | 1079 |
| 2.0   | 3.8   | 2357 |
| 0.4   | 0.3   | 3613 |
| 0.0   | 0.0   | 1328 |
| 0.5   | 0.4   | 590  |
| 0.0   | 0.0   | 1628 |
| 0.1   | 0.0   | 4468 |
| 0.0   | 0.0   | 3668 |
| 0.0   | 0.0   | 862  |
| 0.0   | 0.0   | 774  |
| 0.4   | 0.4   | 1072 |
| 0.0   | 0.0   | 1164 |
| 0.0   | 0.0   | 4374 |
| 0.7   | 0.0   | 660  |
| 0.2   | 0.0   | 2156 |
| 0.0   | 0.0   | 4656 |
| 0.0   | 0.0   | 5377 |
| 0.1   | 0.0   | 4735 |
| 12.8  | 5.3   | 1152 |
| 0.6   | 0.5   | 7808 |
| 2.9   | 2.2   | 5341 |
| 0.0   | 0.0   | 1494 |
| 8.0   | 8.5   | 580  |
| 0.6   | 0.4   | 1160 |
| 0.0   | 0.0   | 1521 |

|      |      |      |
|------|------|------|
| 0.2  | 0.1  | 1539 |
| 2.1  | 0.7  | 1374 |
| 2.5  | 0.8  | 954  |
| 0.0  | 0.0  | 1847 |
| 1.6  | 1.9  | 729  |
| 0.0  | 0.0  | 2348 |
| 0.1  | 0.9  | 777  |
| 0.1  | 0.1  | 3908 |
| 0.3  | 0.0  | 1276 |
| 26.8 | 20.3 | 834  |
| 5.2  | 0.5  | 1672 |
| 0.4  | 0.0  | 858  |
| 0.1  | 0.0  | 2252 |
| 0.9  | 0.0  | 423  |
| 0.4  | 0.0  | 1278 |
| 0.1  | 0.1  | 1393 |
| 0.1  | 0.0  | 840  |
| 0.0  | 0.0  | 726  |
| 0.1  | 0.0  | 1140 |
| 0.3  | 0.0  | 570  |
| 0.6  | 0.2  | 9746 |
| 0.0  | 0.0  | 899  |
| 0.0  | 0.0  | 499  |
| 88.7 | 38.1 | 891  |
| 0.0  | 0.0  | 1278 |
| 1.8  | 2.7  | 2725 |
| 0.1  | 0.0  | 3930 |
| 0.0  | 0.1  | 954  |
| 2.6  | 2.2  | 1698 |
| 0.0  | 0.0  | 5836 |
| 0.0  | 0.0  | 574  |
| 0.1  | 0.0  | 2178 |
| 25.4 | 24.2 | 557  |
| 0.8  | 0.1  | 805  |
| 0.3  | 0.0  | 656  |
| 0.0  | 0.0  | 1258 |
| 0.5  | 0.2  | 1766 |
| 2.2  | 0.5  | 3586 |
| 0.0  | 0.0  | 2530 |
| 0.0  | 0.0  | 465  |
| 0.0  | 0.0  | 1258 |
| 0.0  | 0.0  | 2102 |
| 0.2  | 0.2  | 6108 |
| 0.4  | 0.1  | 1089 |
| 1.0  | 0.6  | 750  |
| 1.1  | 0.7  | 2897 |
| 0.0  | 0.0  | 1173 |

|       |       |       |
|-------|-------|-------|
| 9.2   | 7.5   | 2631  |
| 0.0   | 0.0   | 810   |
| 1.5   | 0.8   | 1952  |
| 0.1   | 0.0   | 15832 |
| 15.7  | 17.5  | 996   |
| 0.0   | 0.0   | 7723  |
| 4.3   | 1.5   | 1967  |
| 93.4  | 58.8  | 2280  |
| 7.6   | 5.3   | 1492  |
| 6.1   | 3.4   | 1491  |
| 8.7   | 21.1  | 869   |
| 0.0   | 0.0   | 982   |
| 0.0   | 0.0   | 603   |
| 2.6   | 0.9   | 2978  |
| 0.1   | 0.3   | 792   |
| 13.8  | 8.3   | 1505  |
| 0.0   | 0.0   | 1335  |
| 0.0   | 0.6   | 727   |
| 0.0   | 0.0   | 1056  |
| 0.2   | 0.0   | 2121  |
| 5.7   | 1.6   | 1447  |
| 4.2   | 1.7   | 1108  |
| 3.0   | 3.1   | 797   |
| 9.9   | 8.7   | 2957  |
| 4.2   | 1.8   | 5144  |
| 0.0   | 0.0   | 814   |
| 2.7   | 3.2   | 1961  |
| 3.1   | 1.8   | 453   |
| 0.1   | 0.0   | 1091  |
| 119.6 | 226.7 | 449   |
| 2.8   | 2.3   | 1162  |
| 2.1   | 2.3   | 3366  |
| 1.6   | 1.3   | 4328  |
| 0.0   | 0.0   | 5733  |
| 2.5   | 0.6   | 1826  |
| 0.1   | 0.0   | 974   |
| 4.8   | 1.3   | 5290  |
| 4.4   | 2.7   | 1791  |
| 3.7   | 4.0   | 757   |
| 0.5   | 0.3   | 834   |
| 0.0   | 0.0   | 872   |
| 1.0   | 0.7   | 1486  |
| 5.6   | 3.6   | 575   |
| 1.6   | 0.2   | 2591  |
| 1.5   | 0.4   | 4130  |
| 0.1   | 0.0   | 6754  |
| 5.4   | 1.6   | 3625  |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 1048  |
| 0.0  | 0.0  | 574   |
| 0.0  | 0.0  | 1923  |
| 0.0  | 0.0  | 840   |
| 0.3  | 0.0  | 581   |
| 0.0  | 0.0  | 1344  |
| 0.1  | 0.2  | 2022  |
| 0.4  | 0.5  | 2099  |
| 0.1  | 0.0  | 6750  |
| 7.5  | 1.5  | 352   |
| 2.7  | 1.0  | 638   |
| 0.1  | 0.0  | 887   |
| 54.2 | 54.3 | 1290  |
| 1.8  | 1.2  | 1098  |
| 1.1  | 0.4  | 2050  |
| 0.0  | 0.0  | 2366  |
| 0.7  | 1.4  | 850   |
| 0.2  | 0.0  | 4214  |
| 0.0  | 0.0  | 1726  |
| 0.4  | 0.0  | 1767  |
| 0.2  | 0.0  | 5131  |
| 3.4  | 2.4  | 602   |
| 0.9  | 0.7  | 12846 |
| 1.4  | 1.0  | 2203  |
| 0.2  | 0.0  | 471   |
| 0.0  | 0.0  | 1689  |
| 0.1  | 0.0  | 2242  |
| 0.5  | 0.0  | 2130  |
| 2.6  | 3.2  | 3606  |
| 3.4  | 1.0  | 1120  |
| 0.3  | 0.0  | 6522  |
| 5.3  | 0.8  | 740   |
| 0.8  | 1.3  | 1073  |
| 2.9  | 1.0  | 2449  |
| 0.0  | 0.0  | 1266  |
| 0.1  | 0.0  | 3910  |
| 0.0  | 0.5  | 430   |
| 0.7  | 0.1  | 1102  |
| 0.0  | 0.0  | 497   |
| 0.0  | 0.1  | 1966  |
| 32.8 | 49.0 | 1155  |
| 1.1  | 0.0  | 413   |
| 10.4 | 8.7  | 1998  |
| 0.5  | 0.7  | 1876  |
| 2.1  | 1.8  | 584   |
| 0.7  | 0.3  | 5890  |
| 0.2  | 0.4  | 1032  |



|       |       |       |
|-------|-------|-------|
| 0.0   | 0.0   | 507   |
| 2.5   | 2.0   | 1098  |
| 0.9   | 0.5   | 3436  |
| 1.6   | 2.1   | 587   |
| 1.3   | 0.2   | 902   |
| 13.9  | 15.1  | 1995  |
| 0.0   | 0.0   | 1058  |
| 1.3   | 1.7   | 1399  |
| 0.6   | 0.4   | 1176  |
| 0.0   | 0.0   | 796   |
| 0.0   | 0.0   | 620   |
| 0.2   | 0.2   | 7760  |
| 0.6   | 2.1   | 440   |
| 2.4   | 0.2   | 669   |
| 1.1   | 1.6   | 3122  |
| 0.3   | 0.2   | 1245  |
| 0.0   | 0.0   | 1190  |
| 0.8   | 0.3   | 792   |
| 0.0   | 0.0   | 2200  |
| 1.8   | 3.0   | 1230  |
| 975.6 | 70.1  | 1167  |
| 2.2   | 1.4   | 1760  |
| 1.8   | 1.6   | 732   |
| 4.9   | 1.8   | 595   |
| 0.0   | 0.0   | 533   |
| 1.5   | 1.4   | 821   |
| 0.3   | 0.3   | 1193  |
| 8.3   | 6.8   | 990   |
| 98.6  | 22.3  | 1983  |
| 0.4   | 0.2   | 3638  |
| 2.9   | 2.3   | 1317  |
| 21.9  | 17.6  | 967   |
| 0.1   | 0.0   | 1894  |
| 0.0   | 0.0   | 667   |
| 0.1   | 0.0   | 2628  |
| 0.8   | 0.2   | 1576  |
| 9.2   | 8.0   | 653   |
| 0.0   | 0.0   | 4908  |
| 3.2   | 1.5   | 4754  |
| 0.0   | 0.0   | 14301 |
| 0.2   | 0.0   | 1616  |
| 0.0   | 0.0   | 1058  |
| 0.1   | 0.0   | 1219  |
| 85.5  | 205.6 | 324   |
| 0.0   | 0.0   | 1218  |
| 0.0   | 0.0   | 585   |
| 0.0   | 0.3   | 644   |

|       |       |       |
|-------|-------|-------|
| 0.1   | 0.0   | 7268  |
| 0.0   | 0.0   | 3104  |
| 0.0   | 0.0   | 1276  |
| 0.0   | 0.0   | 623   |
| 0.7   | 0.2   | 3081  |
| 0.1   | 0.0   | 1710  |
| 0.2   | 0.0   | 1784  |
| 0.0   | 0.0   | 1383  |
| 0.6   | 0.5   | 5050  |
| 0.1   | 0.0   | 771   |
| 1.0   | 0.0   | 558   |
| 0.4   | 0.4   | 523   |
| 0.0   | 0.0   | 708   |
| 0.1   | 0.0   | 1152  |
| 0.0   | 0.0   | 914   |
| 7.4   | 9.9   | 788   |
| 3.5   | 4.0   | 1013  |
| 0.1   | 0.0   | 729   |
| 1.3   | 0.4   | 1435  |
| 0.3   | 0.0   | 10443 |
| 1.3   | 0.9   | 723   |
| 4.7   | 1.0   | 1097  |
| 131.2 | 137.2 | 633   |
| 0.0   | 0.0   | 6078  |
| 1.2   | 0.8   | 875   |
| 0.0   | 0.0   | 646   |
| 13.0  | 2.8   | 1459  |
| 0.4   | 0.6   | 1750  |
| 3.1   | 1.8   | 1866  |
| 0.5   | 0.0   | 372   |
| 0.0   | 0.0   | 411   |
| 0.1   | 0.0   | 5046  |
| 0.0   | 0.0   | 696   |
| 0.3   | 0.1   | 1297  |
| 13.6  | 6.6   | 1492  |
| 2.8   | 0.7   | 636   |
| 0.5   | 0.2   | 3794  |
| 0.0   | 0.0   | 1938  |
| 0.6   | 0.2   | 2590  |
| 4.4   | 1.6   | 2684  |
| 2.8   | 0.6   | 2286  |
| 0.0   | 0.0   | 10272 |
| 0.0   | 0.2   | 469   |
| 0.0   | 0.0   | 882   |
| 1.9   | 0.0   | 493   |
| 0.0   | 0.0   | 492   |
| 0.2   | 0.0   | 1648  |

|      |      |       |
|------|------|-------|
| 1.1  | 0.8  | 3898  |
| 0.0  | 0.0  | 4895  |
| 0.3  | 0.5  | 1152  |
| 9.3  | 11.0 | 568   |
| 0.2  | 0.0  | 1826  |
| 1.5  | 0.5  | 621   |
| 0.2  | 0.2  | 2040  |
| 5.6  | 3.0  | 981   |
| 2.1  | 1.2  | 1230  |
| 0.1  | 0.0  | 1844  |
| 1.2  | 0.0  | 1024  |
| 1.2  | 0.5  | 2040  |
| 0.0  | 0.0  | 5342  |
| 1.4  | 0.6  | 1232  |
| 3.6  | 2.1  | 3578  |
| 1.3  | 0.3  | 1328  |
| 1.1  | 0.6  | 1481  |
| 0.2  | 0.0  | 7248  |
| 1.2  | 0.8  | 6238  |
| 0.1  | 0.0  | 2378  |
| 0.0  | 0.0  | 697   |
| 1.2  | 0.5  | 3846  |
| 0.0  | 0.0  | 706   |
| 13.6 | 10.6 | 6083  |
| 0.0  | 0.0  | 2262  |
| 1.9  | 1.8  | 2393  |
| 0.1  | 0.0  | 912   |
| 0.0  | 0.0  | 10116 |
| 0.1  | 0.0  | 6505  |
| 0.8  | 0.1  | 1832  |
| 62.9 | 54.8 | 2521  |
| 5.2  | 5.6  | 1068  |
| 0.0  | 0.0  | 1698  |
| 2.4  | 0.2  | 3026  |
| 0.6  | 1.1  | 648   |
| 0.3  | 0.2  | 3942  |
| 0.0  | 0.0  | 1820  |
| 0.0  | 0.0  | 511   |
| 0.1  | 0.0  | 2378  |
| 0.1  | 0.0  | 1490  |
| 1.6  | 0.3  | 1432  |
| 0.2  | 0.0  | 5172  |
| 0.0  | 0.0  | 1409  |
| 9.9  | 2.4  | 1202  |
| 0.0  | 0.0  | 2080  |
| 2.3  | 0.8  | 4785  |
| 0.0  | 0.1  | 1182  |

|       |       |      |
|-------|-------|------|
| 0.1   | 0.0   | 636  |
| 0.1   | 0.0   | 1576 |
| 0.4   | 0.0   | 1462 |
| 5.4   | 3.2   | 945  |
| 0.0   | 0.0   | 1374 |
| 0.0   | 0.0   | 5688 |
| 1.0   | 0.8   | 689  |
| 0.3   | 0.0   | 2170 |
| 0.0   | 0.0   | 1036 |
| 0.0   | 0.0   | 4276 |
| 1.3   | 0.5   | 4859 |
| 0.0   | 0.0   | 6232 |
| 1.4   | 0.3   | 3202 |
| 0.5   | 0.0   | 572  |
| 0.0   | 0.0   | 3880 |
| 0.4   | 0.0   | 1060 |
| 1.9   | 0.0   | 1536 |
| 4.0   | 3.2   | 1047 |
| 10.7  | 6.3   | 954  |
| 1.4   | 0.9   | 3190 |
| 2.5   | 1.7   | 816  |
| 4.5   | 4.1   | 873  |
| 0.4   | 0.2   | 7647 |
| 0.2   | 0.0   | 2778 |
| 1.6   | 0.8   | 4949 |
| 1.2   | 0.3   | 679  |
| 0.4   | 0.8   | 1028 |
| 0.0   | 0.0   | 553  |
| 0.5   | 0.3   | 607  |
| 0.1   | 0.0   | 1988 |
| 142.6 | 110.6 | 593  |
| 0.0   | 0.0   | 740  |
| 2.6   | 1.2   | 1175 |
| 0.0   | 0.0   | 2232 |
| 28.7  | 20.5  | 633  |
| 0.0   | 0.0   | 4614 |
| 40.1  | 14.0  | 2272 |
| 0.4   | 0.0   | 862  |
| 1.6   | 1.1   | 2929 |
| 0.1   | 0.0   | 6450 |
| 0.4   | 0.0   | 457  |
| 0.7   | 0.2   | 3987 |
| 0.4   | 1.1   | 1140 |
| 1.0   | 0.2   | 6592 |
| 0.1   | 0.0   | 1305 |
| 0.0   | 0.0   | 575  |
| 7.0   | 4.1   | 1746 |

|       |       |       |
|-------|-------|-------|
| 0.0   | 0.0   | 1404  |
| 0.7   | 1.1   | 1786  |
| 0.4   | 0.7   | 633   |
| 951.9 | 517.4 | 380   |
| 0.0   | 0.0   | 7590  |
| 1.0   | 0.0   | 491   |
| 2.9   | 1.2   | 2073  |
| 2.3   | 0.4   | 972   |
| 0.2   | 0.0   | 1862  |
| 0.1   | 0.2   | 4122  |
| 0.4   | 0.4   | 3472  |
| 0.1   | 0.0   | 5614  |
| 0.1   | 0.1   | 1359  |
| 0.1   | 0.0   | 1707  |
| 0.1   | 0.0   | 1027  |
| 0.2   | 0.0   | 2947  |
| 1.2   | 1.6   | 735   |
| 0.1   | 0.1   | 1596  |
| 1.3   | 2.1   | 927   |
| 0.0   | 0.0   | 495   |
| 0.0   | 0.0   | 2612  |
| 0.2   | 0.0   | 2490  |
| 1.0   | 0.7   | 465   |
| 3.1   | 3.9   | 613   |
| 3.5   | 1.8   | 1973  |
| 0.0   | 0.0   | 5433  |
| 0.1   | 0.0   | 4881  |
| 0.4   | 0.1   | 2532  |
| 0.0   | 0.0   | 1107  |
| 0.1   | 0.0   | 651   |
| 0.6   | 0.3   | 8367  |
| 0.0   | 0.0   | 2590  |
| 0.2   | 0.0   | 626   |
| 0.2   | 0.0   | 7408  |
| 7.7   | 2.8   | 1076  |
| 0.0   | 0.0   | 1222  |
| 0.6   | 0.5   | 42104 |
| 10.6  | 7.9   | 1044  |
| 0.8   | 0.7   | 2456  |
| 0.0   | 0.0   | 1912  |
| 0.0   | 0.0   | 2512  |
| 0.0   | 0.0   | 2526  |
| 0.1   | 0.0   | 768   |
| 0.3   | 0.1   | 1780  |
| 0.0   | 0.1   | 864   |
| 0.0   | 0.0   | 1168  |
| 0.0   | 0.0   | 1420  |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 688   |
| 58.8 | 47.3 | 5225  |
| 1.0  | 1.0  | 3082  |
| 0.1  | 0.1  | 5009  |
| 3.6  | 3.3  | 886   |
| 5.2  | 4.2  | 3587  |
| 0.4  | 0.3  | 7499  |
| 0.9  | 0.6  | 3212  |
| 1.3  | 1.5  | 1728  |
| 2.5  | 2.7  | 1176  |
| 34.6 | 4.8  | 823   |
| 0.5  | 0.9  | 788   |
| 2.9  | 5.4  | 1176  |
| 4.6  | 2.7  | 5330  |
| 1.6  | 0.8  | 5138  |
| 0.0  | 0.0  | 4424  |
| 0.8  | 0.0  | 4252  |
| 1.6  | 0.8  | 3490  |
| 0.0  | 0.0  | 1344  |
| 0.1  | 0.0  | 8118  |
| 0.1  | 0.0  | 1386  |
| 1.1  | 2.1  | 438   |
| 0.2  | 0.4  | 1166  |
| 0.1  | 0.0  | 1192  |
| 0.8  | 0.5  | 1465  |
| 0.4  | 0.0  | 1310  |
| 0.2  | 0.0  | 6602  |
| 0.3  | 0.0  | 2107  |
| 0.3  | 0.0  | 2076  |
| 0.1  | 0.0  | 821   |
| 0.3  | 0.0  | 363   |
| 0.3  | 0.1  | 888   |
| 0.8  | 0.0  | 580   |
| 0.4  | 0.0  | 1269  |
| 0.3  | 0.0  | 1305  |
| 0.0  | 0.0  | 375   |
| 0.4  | 0.0  | 471   |
| 0.2  | 0.0  | 444   |
| 0.0  | 0.0  | 570   |
| 0.5  | 0.1  | 1208  |
| 0.5  | 1.4  | 831   |
| 1.5  | 0.6  | 1569  |
| 0.0  | 0.0  | 1053  |
| 2.2  | 1.4  | 12393 |
| 0.0  | 0.0  | 796   |
| 0.8  | 0.6  | 4260  |
| 0.0  | 0.0  | 906   |

|       |       |       |
|-------|-------|-------|
| 0.0   | 0.0   | 7637  |
| 0.3   | 0.0   | 3622  |
| 0.9   | 0.0   | 609   |
| 0.3   | 0.0   | 696   |
| 0.2   | 0.3   | 1580  |
| 1.9   | 1.7   | 2265  |
| 7.1   | 6.2   | 2762  |
| 40.8  | 34.5  | 694   |
| 6.8   | 5.7   | 735   |
| 1.9   | 0.3   | 740   |
| 5.9   | 5.0   | 816   |
| 1.3   | 0.4   | 1861  |
| 29.8  | 16.3  | 773   |
| 4.5   | 5.0   | 771   |
| 0.3   | 0.0   | 3430  |
| 0.2   | 0.2   | 903   |
| 120.8 | 50.9  | 517   |
| 0.0   | 0.0   | 12547 |
| 0.0   | 0.0   | 1058  |
| 0.3   | 0.0   | 742   |
| 0.0   | 0.0   | 1622  |
| 0.0   | 0.0   | 1557  |
| 0.0   | 0.0   | 1375  |
| 0.1   | 0.0   | 2612  |
| 2.4   | 0.3   | 1122  |
| 0.2   | 0.0   | 516   |
| 0.1   | 0.0   | 2316  |
| 0.7   | 1.0   | 1735  |
| 3.4   | 2.4   | 854   |
| 5.1   | 2.8   | 994   |
| 14.6  | 11.9  | 810   |
| 525.6 | 452.7 | 1754  |
| 32.6  | 37.3  | 583   |
| 39.9  | 50.2  | 762   |
| 0.0   | 0.0   | 5676  |
| 0.0   | 0.0   | 8364  |
| 0.6   | 0.0   | 472   |
| 2.8   | 3.5   | 1356  |
| 0.3   | 0.0   | 1818  |
| 1.8   | 1.1   | 735   |
| 0.3   | 0.3   | 4476  |
| 9.4   | 6.4   | 1700  |
| 0.2   | 0.0   | 1002  |
| 0.1   | 0.0   | 14363 |
| 8.2   | 3.8   | 1312  |
| 0.0   | 0.0   | 495   |
| 0.0   | 0.0   | 5761  |

|       |       |      |
|-------|-------|------|
| 0.1   | 0.0   | 3714 |
| 3.3   | 1.0   | 6491 |
| 0.0   | 0.0   | 1116 |
| 0.1   | 0.0   | 1526 |
| 1.8   | 2.2   | 612  |
| 0.8   | 0.2   | 3632 |
| 0.4   | 0.1   | 3363 |
| 1.0   | 0.7   | 465  |
| 222.5 | 188.6 | 444  |
| 0.8   | 0.8   | 3555 |
| 1.1   | 0.2   | 7064 |
| 0.1   | 0.0   | 5528 |
| 928.2 | 68.7  | 1170 |
| 0.1   | 0.0   | 984  |
| 1.5   | 0.9   | 440  |
| 0.0   | 0.0   | 2694 |
| 0.6   | 0.0   | 1554 |
| 2.7   | 1.4   | 595  |
| 0.0   | 0.0   | 539  |
| 2.4   | 1.9   | 2602 |
| 2.1   | 1.4   | 821  |
| 0.0   | 0.0   | 667  |
| 0.6   | 0.1   | 1894 |
| 2.2   | 1.0   | 1317 |
| 12.6  | 11.0  | 967  |
| 7.5   | 4.0   | 653  |
| 1.5   | 0.8   | 1754 |
| 0.5   | 0.2   | 3034 |
| 0.5   | 0.4   | 2187 |
| 9.1   | 5.1   | 989  |
| 0.4   | 0.2   | 1193 |
| 1.3   | 0.8   | 1651 |
| 3.1   | 2.1   | 841  |
| 1.4   | 0.0   | 547  |
| 1.9   | 2.9   | 584  |
| 0.9   | 0.4   | 2898 |
| 0.0   | 0.0   | 620  |
| 0.8   | 0.9   | 1400 |
| 0.3   | 0.1   | 6561 |
| 0.4   | 0.0   | 1984 |
| 2.1   | 2.6   | 807  |
| 0.0   | 0.0   | 507  |
| 0.6   | 0.5   | 839  |
| 1.4   | 2.3   | 587  |
| 1.6   | 0.3   | 1245 |
| 1.8   | 0.9   | 669  |
| 1.7   | 1.2   | 810  |



|      |     |       |
|------|-----|-------|
| 0.2  | 0.0 | 3627  |
| 6.5  | 4.1 | 2174  |
| 2.8  | 0.7 | 918   |
| 1.4  | 0.9 | 1166  |
| 0.2  | 0.7 | 792   |
| 0.5  | 0.6 | 2080  |
| 0.3  | 0.1 | 1297  |
| 0.0  | 0.0 | 695   |
| 0.2  | 0.0 | 469   |
| 0.3  | 0.4 | 1992  |
| 0.0  | 0.0 | 1167  |
| 0.2  | 0.0 | 456   |
| 0.3  | 0.0 | 882   |
| 1.3  | 0.0 | 493   |
| 10.3 | 4.9 | 1511  |
| 0.7  | 0.2 | 2592  |
| 0.2  | 0.4 | 2902  |
| 1.1  | 0.0 | 602   |
| 0.3  | 0.0 | 981   |
| 1.4  | 0.7 | 3269  |
| 0.4  | 0.0 | 744   |
| 0.2  | 0.0 | 2284  |
| 3.4  | 2.3 | 981   |
| 0.0  | 0.0 | 4892  |
| 2.0  | 0.4 | 10271 |
| 0.0  | 0.0 | 1226  |
| 0.0  | 0.1 | 10381 |
| 0.8  | 0.8 | 1481  |
| 2.0  | 0.8 | 1766  |
| 0.0  | 0.0 | 393   |
| 0.1  | 0.0 | 912   |
| 0.1  | 0.0 | 6073  |
| 0.0  | 0.0 | 1992  |
| 0.4  | 0.0 | 697   |
| 0.2  | 0.0 | 2016  |
| 0.1  | 0.0 | 953   |
| 0.0  | 0.0 | 1536  |
| 0.0  | 0.0 | 790   |
| 1.2  | 1.3 | 3992  |
| 0.0  | 0.3 | 1144  |
| 1.4  | 0.2 | 1433  |
| 3.1  | 1.9 | 2558  |
| 0.0  | 0.0 | 511   |
| 0.1  | 0.0 | 2263  |
| 1.1  | 0.5 | 21499 |
| 0.0  | 0.0 | 864   |
| 0.7  | 0.1 | 4192  |

|       |       |      |
|-------|-------|------|
| 0.0   | 0.0   | 1182 |
| 0.3   | 0.0   | 3516 |
| 4.9   | 0.4   | 945  |
| 0.5   | 0.3   | 689  |
| 8.4   | 1.5   | 1870 |
| 2.0   | 2.6   | 831  |
| 0.1   | 0.0   | 3162 |
| 0.0   | 0.0   | 1238 |
| 8.1   | 0.6   | 1970 |
| 8.2   | 1.4   | 1971 |
| 8.2   | 2.3   | 3278 |
| 2.1   | 1.8   | 5518 |
| 2.9   | 0.4   | 816  |
| 0.8   | 0.6   | 5672 |
| 0.9   | 0.0   | 1098 |
| 0.4   | 0.1   | 2804 |
| 4.3   | 3.7   | 873  |
| 3.5   | 0.6   | 1953 |
| 7.2   | 3.2   | 5475 |
| 0.0   | 0.0   | 714  |
| 1.3   | 0.1   | 1983 |
| 1.3   | 0.2   | 1977 |
| 1.5   | 1.1   | 1986 |
| 2.1   | 0.5   | 1971 |
| 7.3   | 10.0  | 605  |
| 1.3   | 0.5   | 786  |
| 3.1   | 1.8   | 585  |
| 5.5   | 1.2   | 585  |
| 2.7   | 2.7   | 585  |
| 3.1   | 1.8   | 585  |
| 2.1   | 0.9   | 585  |
| 2.5   | 0.8   | 372  |
| 2.5   | 0.6   | 372  |
| 2.3   | 1.1   | 372  |
| 3.3   | 1.1   | 372  |
| 3.8   | 1.1   | 372  |
| 4.1   | 0.8   | 372  |
| 5.3   | 0.8   | 372  |
| 147.9 | 101.4 | 593  |
| 0.0   | 0.4   | 553  |
| 0.2   | 0.0   | 1704 |
| 0.1   | 0.1   | 740  |
| 2.2   | 0.6   | 1175 |
| 33.3  | 24.6  | 633  |
| 0.0   | 0.0   | 3898 |
| 38.8  | 11.7  | 2272 |
| 0.0   | 0.0   | 862  |

|       |       |       |
|-------|-------|-------|
| 114.1 | 107.3 | 1222  |
| 0.2   | 0.0   | 1372  |
| 0.1   | 0.0   | 10136 |
| 1.0   | 0.3   | 6593  |
| 0.9   | 0.6   | 1300  |
| 5.5   | 3.8   | 3977  |
| 0.0   | 0.0   | 5689  |
| 10.9  | 13.1  | 1020  |
| 3.0   | 0.8   | 1893  |
| 20.5  | 19.2  | 684   |
| 1.3   | 1.4   | 4796  |
| 0.0   | 0.0   | 498   |
| 1.6   | 1.3   | 972   |
| 1.5   | 1.2   | 2073  |
| 0.3   | 0.1   | 13497 |
| 0.1   | 0.0   | 6851  |
| 0.4   | 0.4   | 3447  |
| 0.7   | 0.1   | 5799  |
| 0.1   | 0.2   | 1503  |
| 0.0   | 0.0   | 981   |
| 0.8   | 1.6   | 465   |
| 227.0 | 278.7 | 441   |
| 0.1   | 0.0   | 2694  |
| 0.6   | 0.6   | 735   |
| 0.8   | 1.2   | 1446  |
| 1.7   | 0.1   | 2604  |
| 1.0   | 0.0   | 495   |
| 2.3   | 4.1   | 613   |
| 1.1   | 0.2   | 1941  |
| 0.1   | 0.1   | 3192  |
| 0.3   | 0.5   | 651   |
| 0.3   | 0.1   | 3050  |
| 0.2   | 0.3   | 626   |
| 6.1   | 4.8   | 1076  |
| 0.0   | 0.0   | 4674  |
| 6.0   | 7.0   | 1044  |
| 1.1   | 0.2   | 1090  |
| 0.1   | 0.0   | 3841  |
| 0.1   | 0.0   | 4917  |
| 5.6   | 0.1   | 2186  |
| 0.2   | 0.0   | 5947  |
| 0.0   | 0.0   | 688   |
| 2.6   | 0.0   | 1534  |
| 2.4   | 0.9   | 958   |
| 4.7   | 3.1   | 886   |
| 2.6   | 2.3   | 7208  |
| 3.0   | 1.0   | 4954  |

|      |       |      |
|------|-------|------|
| 4.0  | 3.7   | 1896 |
| 1.7  | 0.4   | 6047 |
| 3.0  | 2.6   | 1562 |
| 0.2  | 0.0   | 1607 |
| 0.7  | 0.1   | 1396 |
| 0.2  | 0.7   | 788  |
| 0.0  | 0.0   | 664  |
| 1.8  | 0.0   | 483  |
| 2.0  | 0.4   | 763  |
| 0.0  | 0.0   | 327  |
| 1.3  | 0.7   | 852  |
| 0.0  | 0.0   | 327  |
| 0.3  | 0.0   | 592  |
| 0.2  | 0.6   | 1560 |
| 0.2  | 0.2   | 2950 |
| 4.3  | 0.7   | 1346 |
| 0.9  | 0.5   | 7530 |
| 2.1  | 0.3   | 2208 |
| 2.8  | 0.8   | 8266 |
| 0.1  | 0.0   | 744  |
| 66.8 | 155.4 | 704  |
| 0.5  | 0.0   | 1374 |
| 0.2  | 0.4   | 3522 |
| 3.0  | 1.2   | 3494 |
| 0.8  | 0.2   | 2052 |
| 0.9  | 0.5   | 1769 |
| 1.6  | 0.2   | 421  |
| 0.0  | 0.0   | 3012 |
| 0.0  | 0.0   | 7382 |
| 0.0  | 0.0   | 1170 |
| 19.5 | 2.4   | 648  |
| 0.3  | 0.0   | 700  |
| 0.2  | 0.0   | 1920 |
| 0.0  | 0.0   | 1142 |
| 0.1  | 0.0   | 1058 |
| 0.2  | 0.0   | 580  |
| 0.3  | 0.4   | 1902 |
| 16.8 | 19.4  | 834  |
| 3.7  | 2.2   | 2663 |
| 9.1  | 5.3   | 633  |
| 1.1  | 1.8   | 1133 |
| 1.2  | 0.6   | 2465 |
| 0.0  | 0.0   | 569  |
| 0.0  | 0.0   | 601  |
| 28.8 | 8.8   | 2389 |
| 9.4  | 4.8   | 851  |
| 0.0  | 0.0   | 816  |

|       |       |       |
|-------|-------|-------|
| 1.2   | 0.9   | 694   |
| 0.3   | 0.0   | 15839 |
| 0.0   | 0.0   | 255   |
| 1.1   | 1.0   | 4122  |
| 0.5   | 0.0   | 2796  |
| 0.0   | 0.0   | 3181  |
| 4.8   | 0.5   | 622   |
| 76.3  | 16.5  | 638   |
| 63.7  | 39.5  | 12396 |
| 1.1   | 0.6   | 1882  |
| 0.7   | 0.0   | 513   |
| 0.2   | 0.1   | 5886  |
| 0.4   | 0.4   | 4165  |
| 0.9   | 0.0   | 514   |
| 0.1   | 0.1   | 6564  |
| 0.0   | 0.0   | 3683  |
| 0.0   | 0.0   | 2884  |
| 1.0   | 0.3   | 393   |
| 1.5   | 1.2   | 5624  |
| 1.2   | 1.4   | 732   |
| 0.0   | 0.0   | 454   |
| 13.4  | 4.7   | 751   |
| 0.0   | 0.0   | 738   |
| 1.4   | 1.4   | 796   |
| 2.0   | 5.5   | 1302  |
| 126.6 | 281.7 | 407   |
| 1.4   | 1.5   | 2149  |
| 0.1   | 0.2   | 1262  |
| 1.5   | 1.0   | 3327  |
| 23.6  | 5.3   | 693   |
| 0.1   | 0.0   | 1770  |
| 0.7   | 0.3   | 3476  |
| 0.1   | 0.1   | 9447  |
| 82.8  | 69.1  | 11742 |
| 170.3 | 94.0  | 271   |
| 0.0   | 0.0   | 635   |
| 0.6   | 0.6   | 1178  |
| 0.0   | 0.0   | 6002  |
| 13.1  | 1.5   | 920   |
| 0.1   | 0.2   | 1276  |
| 0.2   | 0.2   | 3131  |
| 3.2   | 0.4   | 1079  |
| 77.7  | 114.3 | 1770  |
| 0.2   | 0.0   | 1573  |
| 0.4   | 0.0   | 1072  |
| 0.1   | 0.0   | 2622  |
| 0.2   | 0.0   | 1221  |

|      |      |       |
|------|------|-------|
| 0.2  | 0.2  | 1628  |
| 0.3  | 0.0  | 590   |
| 0.2  | 0.0  | 1482  |
| 0.0  | 0.0  | 774   |
| 0.3  | 0.4  | 934   |
| 0.2  | 1.7  | 777   |
| 3.9  | 1.3  | 729   |
| 13.3 | 6.4  | 944   |
| 2.4  | 2.2  | 423   |
| 7.8  | 3.4  | 580   |
| 0.3  | 0.1  | 1431  |
| 0.0  | 0.0  | 5826  |
| 0.0  | 0.0  | 9522  |
| 0.0  | 0.3  | 816   |
| 0.0  | 0.0  | 513   |
| 0.0  | 0.0  | 2082  |
| 4.9  | 3.2  | 4302  |
| 0.0  | 0.0  | 1775  |
| 0.1  | 0.0  | 1520  |
| 1.8  | 1.2  | 954   |
| 0.0  | 0.0  | 2148  |
| 2.3  | 2.0  | 1374  |
| 0.1  | 0.0  | 5136  |
| 0.0  | 0.0  | 1706  |
| 0.0  | 0.0  | 780   |
| 1.9  | 0.6  | 16285 |
| 0.3  | 0.1  | 2207  |
| 0.1  | 0.0  | 2830  |
| 0.2  | 0.0  | 1785  |
| 0.1  | 0.0  | 3907  |
| 33.0 | 13.3 | 557   |
| 0.3  | 0.3  | 1386  |
| 0.0  | 0.0  | 574   |
| 0.0  | 0.2  | 1788  |
| 2.3  | 1.2  | 904   |
| 1.0  | 0.2  | 1363  |
| 0.0  | 0.0  | 465   |
| 0.0  | 0.0  | 572   |
| 3.8  | 3.3  | 2548  |
| 0.0  | 0.0  | 2140  |
| 0.1  | 0.0  | 2536  |
| 0.3  | 0.1  | 1953  |
| 0.0  | 0.0  | 2240  |
| 7.5  | 30.9 | 869   |
| 0.5  | 0.5  | 4551  |
| 0.0  | 0.0  | 2866  |
| 1.6  | 0.5  | 7104  |

|       |       |      |
|-------|-------|------|
| 2.5   | 0.7   | 2982 |
| 5.1   | 3.5   | 5606 |
| 57.2  | 53.3  | 988  |
| 11.2  | 10.3  | 4895 |
| 0.7   | 0.4   | 3732 |
| 4.8   | 4.5   | 6782 |
| 0.1   | 0.0   | 2154 |
| 0.1   | 0.1   | 1089 |
| 0.6   | 0.8   | 2990 |
| 0.0   | 0.0   | 2169 |
| 0.6   | 0.0   | 2324 |
| 1.8   | 1.6   | 2569 |
| 0.1   | 0.0   | 2790 |
| 1.1   | 0.0   | 354  |
| 2.1   | 1.3   | 1411 |
| 0.7   | 0.9   | 1762 |
| 0.4   | 0.0   | 444  |
| 0.0   | 0.0   | 372  |
| 0.3   | 0.0   | 1338 |
| 0.3   | 0.0   | 1109 |
| 7.7   | 1.3   | 1447 |
| 3.1   | 2.5   | 1108 |
| 9.4   | 7.1   | 1473 |
| 0.5   | 0.5   | 4968 |
| 0.3   | 0.0   | 1666 |
| 126.9 | 84.9  | 443  |
| 0.0   | 0.0   | 1091 |
| 0.1   | 0.1   | 6129 |
| 5.0   | 6.1   | 912  |
| 0.8   | 0.8   | 3518 |
| 4.2   | 1.0   | 2590 |
| 1.2   | 0.3   | 4130 |
| 11.4  | 6.2   | 3270 |
| 0.2   | 0.1   | 6084 |
| 6.2   | 4.7   | 1451 |
| 6.9   | 3.7   | 3324 |
| 9.4   | 2.3   | 1596 |
| 4.6   | 3.2   | 757  |
| 78.0  | 198.4 | 449  |
| 0.0   | 0.0   | 581  |
| 0.9   | 0.3   | 2099 |
| 0.0   | 0.0   | 1620 |
| 4.5   | 4.7   | 352  |
| 3.0   | 1.1   | 638  |
| 0.0   | 0.2   | 887  |
| 1.4   | 0.5   | 4178 |
| 0.1   | 0.0   | 4700 |

|       |       |      |
|-------|-------|------|
| 3.0   | 2.1   | 602  |
| 0.0   | 0.0   | 2272 |
| 0.1   | 0.0   | 1689 |
| 0.5   | 1.0   | 1073 |
| 2.7   | 0.7   | 2448 |
| 0.1   | 0.0   | 1392 |
| 0.1   | 0.1   | 1576 |
| 0.0   | 0.0   | 497  |
| 0.1   | 0.0   | 864  |
| 45.3  | 21.2  | 2878 |
| 0.6   | 0.7   | 1540 |
| 3.1   | 2.4   | 3606 |
| 0.0   | 0.0   | 4344 |
| 0.2   | 0.1   | 2032 |
| 0.3   | 0.0   | 3006 |
| 0.0   | 0.0   | 1806 |
| 0.0   | 0.0   | 644  |
| 0.0   | 0.0   | 2404 |
| 0.2   | 0.0   | 1784 |
| 0.5   | 0.6   | 1038 |
| 0.0   | 0.2   | 523  |
| 0.3   | 0.0   | 708  |
| 0.6   | 0.6   | 684  |
| 3.5   | 1.6   | 1867 |
| 0.0   | 0.0   | 372  |
| 0.0   | 0.0   | 411  |
| 3.8   | 0.3   | 1095 |
| 6.7   | 5.3   | 1044 |
| 0.2   | 0.1   | 1528 |
| 0.0   | 0.0   | 531  |
| 1.4   | 1.1   | 875  |
| 12.8  | 3.4   | 1459 |
| 1.1   | 0.2   | 1750 |
| 22.6  | 23.6  | 2088 |
| 0.0   | 0.0   | 1764 |
| 275.8 | 250.7 | 1184 |
| 0.0   | 0.0   | 688  |
| 0.1   | 0.0   | 2726 |
| 0.0   | 0.0   | 2404 |
| 0.0   | 0.0   | 842  |
| 74.1  | 49.5  | 517  |
| 9.3   | 8.5   | 1465 |
| 300.7 | 205.1 | 337  |
| 0.1   | 0.6   | 940  |
| 0.0   | 0.0   | 1938 |
| 0.2   | 0.2   | 1200 |
| 0.0   | 0.0   | 2013 |



|       |      |       |
|-------|------|-------|
| 0.0   | 0.0  | 420   |
| 0.4   | 0.3  | 30048 |
| 0.5   | 0.4  | 1894  |
| 3.3   | 0.0  | 1698  |
| 3.4   | 0.0  | 1698  |
| 0.1   | 0.0  | 3177  |
| 0.5   | 0.0  | 725   |
| 11.4  | 8.2  | 1152  |
| 3.5   | 1.7  | 1967  |
| 0.1   | 0.0  | 810   |
| 2.1   | 1.6  | 1952  |
| 0.0   | 0.0  | 1750  |
| 2.7   | 3.3  | 4223  |
| 1.1   | 2.4  | 2243  |
| 0.1   | 0.0  | 846   |
| 0.0   | 0.0  | 574   |
| 0.0   | 0.0  | 1048  |
| 0.1   | 0.1  | 982   |
| 3.2   | 1.8  | 1097  |
| 7.0   | 4.9  | 858   |
| 3.8   | 3.0  | 828   |
| 0.0   | 0.0  | 1048  |
| 0.1   | 0.0  | 696   |
| 109.0 | 98.6 | 324   |
| 0.1   | 0.1  | 1338  |
| 0.1   | 0.0  | 2051  |
| 0.3   | 0.0  | 1208  |
| 0.9   | 0.5  | 1435  |
| 0.8   | 0.8  | 4310  |
| 0.8   | 1.1  | 937   |
| 0.3   | 0.0  | 1785  |
| 0.0   | 0.0  | 2278  |
| 0.0   | 0.0  | 512   |
| 0.0   | 0.0  | 663   |
| 2.1   | 0.7  | 3256  |
| 2.8   | 0.9  | 882   |
| 0.2   | 0.0  | 495   |
| 13.4  | 7.2  | 506   |
| 0.4   | 0.0  | 5254  |
| 0.0   | 0.0  | 270   |
| 9.3   | 8.3  | 1905  |
| 2.3   | 1.7  | 2204  |
| 0.7   | 0.0  | 704   |
| 1.1   | 1.5  | 822   |
| 4.9   | 3.7  | 892   |
| 8.1   | 7.3  | 5539  |
| 0.2   | 0.0  | 516   |

|     |     |       |
|-----|-----|-------|
| 3.3 | 1.7 | 10803 |
| 3.3 | 1.6 | 1728  |
| 1.7 | 0.4 | 3852  |
| 3.6 | 2.1 | 864   |
| 0.0 | 0.0 | 1238  |
| 0.0 | 0.0 | 7566  |
| 0.0 | 0.0 | 1008  |
| 0.1 | 0.0 | 6408  |
| 1.3 | 0.4 | 1140  |
| 2.4 | 4.8 | 1925  |
| 2.1 | 1.1 | 1140  |
| 0.1 | 0.0 | 16220 |
| 0.0 | 0.0 | 4896  |
| 0.5 | 0.4 | 5486  |
| 1.8 | 0.5 | 1140  |
| 1.1 | 1.3 | 1140  |
| 1.2 | 0.7 | 631   |
| 1.0 | 0.4 | 2264  |
| 0.0 | 0.0 | 405   |
| 0.0 | 0.0 | 4249  |
| 6.4 | 4.6 | 6118  |
| 1.1 | 0.4 | 1317  |
| 0.1 | 1.4 | 760   |
| 5.8 | 5.2 | 1719  |
| 0.3 | 0.5 | 1302  |
| 0.7 | 0.3 | 1302  |
| 1.0 | 1.0 | 1070  |
| 1.2 | 0.0 | 6006  |
| 1.1 | 1.6 | 535   |
| 4.0 | 0.4 | 872   |
| 2.2 | 1.1 | 3614  |
| 1.4 | 0.3 | 1974  |
| 1.7 | 0.9 | 1974  |
| 7.0 | 3.2 | 2189  |
| 9.9 | 5.9 | 3012  |
| 5.3 | 0.3 | 372   |
| 1.3 | 1.4 | 372   |
| 0.0 | 0.0 | 3018  |
| 1.2 | 0.0 | 981   |
| 0.0 | 0.0 | 963   |
| 0.0 | 0.1 | 3283  |
| 0.0 | 0.0 | 4121  |
| 0.9 | 0.5 | 415   |
| 0.0 | 0.0 | 1071  |
| 0.0 | 0.0 | 3743  |
| 0.0 | 0.0 | 7589  |
| 0.3 | 0.0 | 978   |

|       |       |       |
|-------|-------|-------|
| 2.6   | 3.0   | 1357  |
| 1.2   | 0.3   | 8980  |
| 20.3  | 99.4  | 376   |
| 0.0   | 0.0   | 1073  |
| 1.8   | 1.7   | 6397  |
| 4.9   | 1.4   | 4269  |
| 5.4   | 1.0   | 528   |
| 0.2   | 0.2   | 1745  |
| 1.4   | 1.0   | 1194  |
| 0.7   | 0.8   | 2400  |
| 0.0   | 0.0   | 4037  |
| 5.4   | 1.5   | 1984  |
| 2.7   | 2.3   | 3233  |
| 2.4   | 0.6   | 4725  |
| 2.0   | 1.8   | 26010 |
| 0.1   | 0.0   | 3031  |
| 2.0   | 1.6   | 2547  |
| 1.4   | 1.0   | 2993  |
| 1.7   | 1.0   | 2566  |
| 88.7  | 103.2 | 8955  |
| 0.1   | 0.1   | 19011 |
| 13.3  | 7.5   | 3144  |
| 12.3  | 10.1  | 1228  |
| 7.8   | 4.8   | 2563  |
| 0.1   | 0.0   | 1267  |
| 0.0   | 0.0   | 886   |
| 0.2   | 0.1   | 1471  |
| 0.2   | 0.0   | 1009  |
| 28.1  | 30.4  | 1437  |
| 1.6   | 0.6   | 3866  |
| 5.5   | 3.0   | 3575  |
| 24.8  | 24.1  | 2907  |
| 0.2   | 0.0   | 2927  |
| 22.8  | 20.1  | 1156  |
| 9.5   | 8.0   | 1016  |
| 443.5 | 542.4 | 2510  |
| 7.6   | 2.7   | 2338  |
| 4.9   | 3.4   | 2402  |
| 9.9   | 6.8   | 2348  |
| 0.0   | 0.0   | 2672  |
| 0.2   | 0.0   | 3009  |
| 0.0   | 0.0   | 2725  |
| 0.0   | 0.0   | 2549  |
| 24.9  | 20.8  | 2568  |
| 31.2  | 22.6  | 1278  |
| 9.0   | 7.3   | 1943  |
| 0.0   | 0.0   | 2356  |

|       |       |       |
|-------|-------|-------|
| 6.5   | 6.2   | 896   |
| 45.0  | 23.9  | 1979  |
| 0.9   | 0.0   | 832   |
| 5.2   | 5.4   | 1575  |
| 0.2   | 0.1   | 2467  |
| 0.9   | 0.2   | 1047  |
| 1.5   | 1.0   | 1517  |
| 0.0   | 0.0   | 3199  |
| 7.3   | 9.2   | 11833 |
| 2.6   | 0.9   | 9419  |
| 1.0   | 0.9   | 9153  |
| 0.9   | 0.4   | 11304 |
| 0.3   | 0.1   | 1710  |
| 0.1   | 0.1   | 5815  |
| 3.2   | 2.2   | 15949 |
| 14.6  | 15.8  | 4476  |
| 2.7   | 1.5   | 3155  |
| 41.0  | 47.4  | 6356  |
| 0.1   | 0.0   | 673   |
| 0.1   | 0.0   | 1521  |
| 312.9 | 267.1 | 4203  |
| 7.5   | 5.3   | 16691 |
| 8.6   | 5.1   | 2314  |
| 0.3   | 0.0   | 1074  |
| 0.2   | 0.0   | 3039  |
| 0.2   | 0.0   | 2959  |
| 5.1   | 2.4   | 10010 |
| 47.7  | 74.2  | 1629  |
| 4.5   | 2.3   | 11713 |
| 6.3   | 5.9   | 7080  |
| 3.9   | 3.9   | 5938  |
| 1.3   | 0.9   | 71859 |
| 0.1   | 0.1   | 3818  |
| 7.8   | 7.4   | 8717  |
| 8.0   | 6.1   | 12649 |
| 5.4   | 4.6   | 4120  |
| 1.0   | 2.1   | 1459  |
| 18.2  | 16.8  | 7319  |
| 10.0  | 11.0  | 2479  |
| 0.0   | 0.0   | 94307 |
| 4.9   | 3.1   | 6754  |
| 0.0   | 0.0   | 563   |
| 2.4   | 2.7   | 117   |
| 3.2   | 2.7   | 117   |
| 7.3   | 7.6   | 20199 |
| 0.1   | 0.0   | 1715  |
| 234.9 | 238.7 | 1311  |

|      |      |       |
|------|------|-------|
| 8.7  | 8.4  | 8526  |
| 0.1  | 0.1  | 1918  |
| 5.7  | 2.9  | 2964  |
| 42.6 | 42.1 | 8109  |
| 2.6  | 3.1  | 1956  |
| 14.5 | 17.0 | 2043  |
| 1.8  | 2.1  | 14361 |
| 0.1  | 0.0  | 3401  |
| 1.3  | 0.9  | 2990  |
| 0.1  | 0.0  | 1186  |
| 4.4  | 4.5  | 1799  |
| 0.0  | 0.0  | 1895  |
| 3.1  | 0.6  | 2949  |
| 1.4  | 1.0  | 2702  |
| 0.1  | 0.0  | 2977  |
| 0.2  | 0.0  | 1052  |
| 28.6 | 32.0 | 1678  |
| 34.1 | 21.5 | 4304  |
| 44.8 | 46.3 | 1807  |
| 4.0  | 5.2  | 1357  |
| 0.8  | 1.2  | 1353  |
| 1.0  | 0.8  | 3870  |
| 2.5  | 2.4  | 7250  |
| 0.2  | 0.0  | 3561  |
| 32.5 | 31.9 | 2783  |
| 5.4  | 7.2  | 4152  |
| 1.4  | 1.1  | 6950  |
| 0.0  | 0.0  | 4991  |
| 0.5  | 0.9  | 2819  |
| 3.2  | 2.5  | 4557  |
| 0.1  | 0.1  | 3607  |
| 1.6  | 0.9  | 7989  |
| 8.0  | 6.7  | 9924  |
| 0.0  | 0.0  | 26629 |
| 0.0  | 0.0  | 23096 |
| 9.0  | 6.1  | 7563  |
| 0.7  | 0.5  | 19762 |
| 10.3 | 6.8  | 14843 |
| 2.4  | 1.7  | 13026 |
| 0.1  | 0.0  | 21663 |
| 0.0  | 0.0  | 750   |
| 0.2  | 0.0  | 543   |
| 4.2  | 3.8  | 9829  |
| 0.0  | 0.0  | 906   |
| 2.1  | 0.9  | 7575  |
| 2.5  | 1.2  | 4939  |
| 0.3  | 0.3  | 20472 |

|       |       |       |
|-------|-------|-------|
| 21.0  | 26.1  | 4313  |
| 0.6   | 0.3   | 7873  |
| 13.4  | 13.7  | 1762  |
| 4.2   | 8.1   | 557   |
| 8.1   | 8.0   | 1414  |
| 0.0   | 0.0   | 1732  |
| 62.9  | 60.1  | 1385  |
| 0.2   | 0.0   | 881   |
| 0.1   | 0.0   | 880   |
| 0.0   | 0.0   | 1702  |
| 0.4   | 0.0   | 1384  |
| 5.4   | 6.0   | 2952  |
| 16.2  | 15.2  | 6016  |
| 105.0 | 127.6 | 549   |
| 606.4 | 961.3 | 641   |
| 0.2   | 0.2   | 41823 |
| 10.2  | 10.4  | 1846  |
| 0.7   | 0.1   | 2200  |
| 0.6   | 0.3   | 1629  |
| 0.4   | 0.2   | 1824  |
| 40.3  | 39.6  | 1757  |
| 1.4   | 1.6   | 13713 |
| 2.5   | 0.4   | 4047  |
| 16.6  | 17.9  | 1483  |
| 9.9   | 11.9  | 2360  |
| 6.8   | 5.8   | 6930  |
| 5.6   | 6.7   | 3124  |
| 5.2   | 3.0   | 1167  |
| 0.1   | 0.0   | 5273  |
| 0.0   | 0.0   | 2604  |
| 0.0   | 0.0   | 826   |
| 0.3   | 0.2   | 4526  |
| 3.6   | 2.8   | 6332  |
| 7.3   | 1.4   | 1942  |
| 0.4   | 0.4   | 2830  |
| 1.2   | 0.9   | 3442  |
| 0.0   | 0.0   | 615   |
| 1.5   | 0.3   | 703   |
| 6.1   | 5.8   | 6238  |
| 1.9   | 1.1   | 1209  |
| 0.0   | 0.0   | 1646  |
| 6.8   | 6.5   | 8208  |
| 0.0   | 0.0   | 8176  |
| 5.4   | 7.1   | 6766  |
| 2.2   | 0.1   | 1159  |
| 0.0   | 0.0   | 5353  |
| 1.0   | 1.1   | 1024  |

|      |     |       |
|------|-----|-------|
| 0.2  | 0.0 | 770   |
| 0.2  | 0.0 | 2730  |
| 2.7  | 2.0 | 2861  |
| 0.1  | 0.2 | 10698 |
| 3.4  | 3.4 | 26207 |
| 7.2  | 6.8 | 26681 |
| 0.0  | 0.0 | 656   |
| 0.0  | 0.0 | 7223  |
| 3.6  | 2.5 | 24555 |
| 0.0  | 0.0 | 603   |
| 1.6  | 0.0 | 577   |
| 3.4  | 3.3 | 3846  |
| 0.2  | 0.0 | 7547  |
| 0.0  | 0.0 | 85136 |
| 0.0  | 0.0 | 498   |
| 0.4  | 0.2 | 12767 |
| 0.3  | 0.0 | 5514  |
| 0.7  | 0.5 | 633   |
| 0.4  | 0.0 | 1040  |
| 0.4  | 0.5 | 8453  |
| 0.0  | 0.0 | 2481  |
| 2.0  | 1.5 | 4273  |
| 0.0  | 0.0 | 853   |
| 2.5  | 1.5 | 8172  |
| 0.6  | 0.4 | 983   |
| 0.5  | 0.3 | 1585  |
| 3.6  | 3.9 | 13144 |
| 0.6  | 0.1 | 882   |
| 0.0  | 0.0 | 14862 |
| 0.0  | 0.0 | 36389 |
| 0.3  | 0.0 | 4362  |
| 0.7  | 0.4 | 14077 |
| 13.0 | 9.4 | 30478 |
| 1.2  | 1.2 | 9610  |
| 0.3  | 0.1 | 3293  |
| 2.2  | 1.8 | 12017 |
| 5.4  | 3.2 | 12797 |
| 2.2  | 1.2 | 4637  |
| 9.2  | 5.2 | 7239  |
| 1.4  | 1.0 | 6087  |
| 2.3  | 2.0 | 7996  |
| 0.0  | 0.0 | 5997  |
| 0.6  | 0.2 | 5154  |
| 2.5  | 2.2 | 13586 |
| 5.0  | 7.7 | 3543  |
| 0.0  | 0.0 | 8297  |
| 4.2  | 2.7 | 5192  |

|       |       |       |
|-------|-------|-------|
| 58.8  | 45.2  | 7343  |
| 9.0   | 11.4  | 15134 |
| 0.5   | 0.1   | 3947  |
| 0.1   | 0.0   | 2414  |
| 1.5   | 0.6   | 17717 |
| 4.0   | 2.8   | 6527  |
| 2.9   | 2.3   | 11887 |
| 0.4   | 0.9   | 1585  |
| 2.4   | 2.0   | 11348 |
| 0.6   | 0.0   | 1198  |
| 0.1   | 0.2   | 932   |
| 11.6  | 8.9   | 5706  |
| 0.3   | 0.3   | 2226  |
| 2.8   | 1.4   | 13660 |
| 0.9   | 0.5   | 2985  |
| 3.0   | 1.9   | 12807 |
| 6.4   | 4.1   | 14518 |
| 0.4   | 0.4   | 11664 |
| 4.0   | 4.1   | 14478 |
| 1.6   | 0.6   | 4666  |
| 20.7  | 24.3  | 2225  |
| 0.0   | 0.0   | 6217  |
| 60.2  | 38.7  | 2728  |
| 0.3   | 0.2   | 2679  |
| 10.1  | 9.2   | 10325 |
| 4.0   | 2.6   | 5660  |
| 0.3   | 0.0   | 1128  |
| 2.5   | 0.9   | 10748 |
| 7.1   | 5.6   | 5083  |
| 171.3 | 239.7 | 1146  |
| 3.8   | 2.5   | 9542  |
| 1.1   | 1.1   | 10840 |
| 7.0   | 4.7   | 5774  |
| 36.6  | 36.1  | 16879 |
| 0.0   | 0.0   | 7955  |
| 0.6   | 0.2   | 4154  |
| 18.9  | 17.9  | 13280 |
| 2.2   | 1.8   | 11523 |
| 1.9   | 1.6   | 6435  |
| 29.4  | 21.3  | 1882  |
| 8.7   | 7.9   | 19185 |
| 0.1   | 0.1   | 1792  |
| 0.5   | 0.4   | 14221 |
| 27.7  | 14.7  | 4977  |
| 1.0   | 0.6   | 11936 |
| 0.0   | 0.0   | 19423 |
| 3.7   | 0.8   | 3250  |



|      |       |       |
|------|-------|-------|
| 0.0  | 0.0   | 1560  |
| 2.1  | 2.1   | 9299  |
| 0.0  | 0.0   | 1198  |
| 17.0 | 14.2  | 5443  |
| 4.8  | 5.4   | 19217 |
| 0.0  | 0.1   | 5629  |
| 7.3  | 6.8   | 25545 |
| 1.5  | 0.6   | 9000  |
| 0.0  | 0.0   | 2025  |
| 1.7  | 1.4   | 13795 |
| 5.2  | 9.7   | 3148  |
| 0.0  | 0.0   | 1890  |
| 13.5 | 10.3  | 8446  |
| 6.6  | 6.2   | 6560  |
| 27.2 | 33.0  | 19085 |
| 96.1 | 116.5 | 1252  |
| 11.9 | 10.9  | 8168  |
| 1.1  | 1.2   | 863   |
| 0.1  | 0.0   | 1483  |
| 4.3  | 2.4   | 16492 |
| 0.9  | 0.7   | 5137  |
| 0.0  | 0.0   | 2513  |
| 0.0  | 0.0   | 4958  |
| 5.2  | 3.0   | 19833 |
| 1.6  | 1.3   | 9316  |
| 0.7  | 0.7   | 83794 |
| 0.4  | 0.4   | 24222 |
| 5.5  | 5.7   | 9532  |
| 1.5  | 1.2   | 17008 |
| 0.0  | 0.0   | 701   |
| 8.3  | 2.8   | 6489  |
| 0.1  | 0.0   | 1915  |
| 11.7 | 12.4  | 8529  |
| 11.5 | 4.6   | 4196  |
| 0.7  | 0.3   | 8316  |
| 64.5 | 50.7  | 2020  |
| 0.3  | 0.1   | 4289  |
| 9.9  | 5.0   | 2438  |
| 4.7  | 5.3   | 1351  |
| 0.7  | 0.1   | 3572  |
| 4.7  | 2.8   | 7641  |
| 0.2  | 0.0   | 2630  |
| 8.9  | 6.4   | 7426  |
| 6.2  | 3.0   | 8702  |
| 0.1  | 0.0   | 6138  |
| 3.1  | 1.9   | 2174  |
| 12.8 | 11.1  | 4131  |

|      |      |       |
|------|------|-------|
| 0.1  | 0.0  | 7559  |
| 0.8  | 1.2  | 976   |
| 0.6  | 0.1  | 1964  |
| 0.1  | 0.0  | 6524  |
| 0.9  | 2.0  | 895   |
| 0.1  | 0.0  | 1735  |
| 0.5  | 0.5  | 8649  |
| 55.0 | 50.2 | 7452  |
| 0.6  | 0.0  | 1062  |
| 0.0  | 0.0  | 13359 |
| 1.3  | 1.1  | 6999  |
| 10.3 | 10.2 | 5138  |
| 0.2  | 0.2  | 6061  |
| 3.7  | 6.0  | 9855  |
| 4.2  | 3.1  | 4467  |
| 0.1  | 0.1  | 13354 |
| 1.2  | 0.7  | 17754 |
| 13.9 | 16.7 | 2116  |
| 0.0  | 0.0  | 1142  |
| 0.5  | 0.0  | 555   |
| 0.6  | 0.1  | 13894 |
| 2.1  | 1.0  | 822   |
| 0.0  | 0.0  | 681   |
| 0.9  | 0.5  | 1652  |
| 1.4  | 0.7  | 2348  |
| 0.0  | 0.0  | 2521  |
| 3.4  | 2.9  | 1702  |
| 0.8  | 0.5  | 12546 |
| 0.0  | 0.0  | 2903  |
| 0.2  | 0.0  | 1007  |
| 8.0  | 5.5  | 1016  |
| 1.1  | 0.2  | 429   |
| 3.8  | 2.4  | 1252  |
| 3.0  | 2.8  | 444   |
| 0.5  | 0.6  | 1926  |
| 0.0  | 0.0  | 11134 |
| 0.0  | 0.0  | 543   |
| 0.6  | 0.3  | 33116 |
| 0.0  | 0.0  | 5511  |
| 6.3  | 7.0  | 16134 |
| 2.1  | 1.2  | 5795  |
| 40.7 | 32.7 | 3088  |
| 17.4 | 18.3 | 6125  |
| 4.3  | 4.8  | 23839 |
| 3.2  | 4.1  | 3932  |
| 0.1  | 0.0  | 2974  |
| 0.5  | 0.3  | 33171 |

|       |       |       |
|-------|-------|-------|
| 161.9 | 138.8 | 449   |
| 0.9   | 2.5   | 1319  |
| 1.3   | 1.1   | 15223 |
| 0.0   | 0.0   | 430   |
| 12.4  | 14.4  | 10406 |
| 128.7 | 150.0 | 2812  |
| 6.7   | 7.7   | 25303 |
| 6.2   | 3.4   | 8198  |
| 0.0   | 0.0   | 19622 |
| 1.0   | 0.4   | 4700  |
| 2.5   | 2.6   | 2764  |
| 12.6  | 9.7   | 7686  |
| 1.5   | 0.7   | 3224  |
| 2.3   | 1.1   | 14811 |
| 10.5  | 8.2   | 1755  |
| 6.2   | 3.2   | 6479  |
| 10.8  | 11.4  | 1801  |
| 4.3   | 3.2   | 4538  |
| 6.7   | 3.4   | 11770 |
| 5.6   | 6.5   | 13590 |
| 2.4   | 1.9   | 14980 |
| 1.8   | 1.9   | 1972  |
| 4.6   | 3.0   | 5194  |
| 0.1   | 0.0   | 2151  |
| 0.1   | 0.1   | 1467  |
| 6.6   | 4.6   | 3083  |
| 0.1   | 0.0   | 4412  |
| 13.1  | 9.8   | 6197  |
| 5.8   | 7.2   | 3706  |
| 0.5   | 0.0   | 966   |
| 0.0   | 0.0   | 5719  |
| 6.1   | 6.1   | 2663  |
| 0.9   | 0.2   | 5916  |
| 16.5  | 10.9  | 13895 |
| 5.4   | 8.9   | 10269 |
| 2.9   | 1.3   | 7081  |
| 5.0   | 2.7   | 17352 |
| 0.8   | 0.9   | 5797  |
| 20.0  | 15.7  | 11861 |
| 2.7   | 1.4   | 4558  |
| 7.0   | 4.2   | 1543  |
| 1.1   | 0.0   | 88    |
| 0.5   | 0.0   | 1415  |
| 4.9   | 1.8   | 3753  |
| 0.0   | 0.0   | 4542  |
| 0.0   | 0.0   | 3683  |
| 0.5   | 0.2   | 1609  |

|       |       |       |
|-------|-------|-------|
| 0.2   | 0.1   | 758   |
| 1.4   | 0.7   | 16133 |
| 26.4  | 17.3  | 1211  |
| 536.3 | 462.6 | 200   |
| 1.3   | 1.2   | 56033 |
| 0.3   | 0.2   | 7276  |
| 1.1   | 0.7   | 7483  |
| 13.8  | 11.8  | 3970  |
| 18.0  | 19.0  | 1566  |
| 0.0   | 0.0   | 9963  |
| 0.1   | 0.0   | 2072  |
| 0.0   | 0.0   | 3503  |
| 0.7   | 0.8   | 2019  |
| 0.5   | 0.2   | 1052  |
| 1.3   | 0.8   | 22123 |
| 0.4   | 0.5   | 18773 |
| 0.0   | 0.0   | 958   |
| 0.3   | 0.1   | 9685  |
| 8.2   | 9.2   | 9171  |
| 0.0   | 0.0   | 2910  |
| 0.6   | 1.5   | 490   |
| 0.0   | 0.0   | 180   |
| 0.0   | 0.0   | 3241  |
| 0.1   | 0.0   | 13781 |
| 3.1   | 2.9   | 23757 |
| 0.2   | 0.0   | 438   |
| 0.6   | 0.0   | 438   |
| 0.4   | 0.1   | 3508  |
| 0.2   | 0.0   | 7341  |
| 2.1   | 1.3   | 44138 |
| 1.2   | 0.7   | 2904  |
| 14.0  | 11.3  | 5879  |
| 10.4  | 6.5   | 8163  |
| 5.7   | 4.4   | 2576  |
| 0.8   | 0.8   | 1261  |
| 0.5   | 0.3   | 1646  |
| 0.0   | 0.0   | 2000  |
| 0.0   | 0.0   | 1137  |
| 1.0   | 0.6   | 9423  |
| 115.1 | 111.3 | 1712  |
| 6.1   | 3.7   | 7004  |
| 2.9   | 1.7   | 12808 |
| 0.4   | 0.4   | 12092 |
| 5.9   | 4.2   | 9149  |
| 0.8   | 0.7   | 14888 |
| 3.2   | 4.5   | 43906 |
| 15.3  | 6.3   | 4152  |

|      |      |       |
|------|------|-------|
| 0.9  | 0.4  | 27649 |
| 3.6  | 2.7  | 3908  |
| 1.0  | 0.8  | 8171  |
| 6.0  | 3.5  | 9618  |
| 6.5  | 7.3  | 6742  |
| 1.7  | 2.3  | 39813 |
| 0.0  | 0.0  | 580   |
| 2.1  | 0.5  | 1992  |
| 3.8  | 2.2  | 8499  |
| 2.2  | 0.7  | 23473 |
| 5.3  | 5.0  | 3753  |
| 3.8  | 2.4  | 5491  |
| 0.1  | 0.0  | 4872  |
| 0.1  | 0.0  | 22327 |
| 0.2  | 0.0  | 5550  |
| 4.2  | 4.3  | 16486 |
| 2.7  | 1.7  | 3372  |
| 1.8  | 1.1  | 12185 |
| 6.2  | 7.4  | 12620 |
| 5.8  | 6.4  | 14779 |
| 0.1  | 0.0  | 6722  |
| 61.4 | 42.2 | 10999 |
| 1.8  | 1.4  | 11768 |
| 1.4  | 0.6  | 36538 |
| 0.0  | 0.4  | 475   |
| 12.1 | 19.1 | 4511  |
| 2.0  | 0.9  | 28173 |
| 1.7  | 1.7  | 7994  |
| 0.1  | 0.0  | 1015  |
| 47.8 | 48.8 | 3114  |
| 1.5  | 1.3  | 6958  |
| 5.0  | 5.4  | 5508  |
| 1.1  | 0.2  | 8114  |
| 0.1  | 0.1  | 1664  |
| 0.0  | 0.1  | 8151  |
| 0.1  | 0.0  | 1873  |
| 0.7  | 0.7  | 9918  |
| 3.9  | 2.8  | 3227  |
| 0.4  | 0.3  | 8256  |
| 0.8  | 0.2  | 2264  |
| 0.0  | 0.0  | 26781 |
| 28.4 | 18.5 | 3111  |
| 0.8  | 1.1  | 2590  |
| 0.5  | 0.4  | 5266  |
| 0.1  | 0.2  | 13899 |
| 4.1  | 3.6  | 5800  |
| 12.0 | 10.5 | 2619  |

|      |      |       |
|------|------|-------|
| 1.1  | 1.1  | 5839  |
| 0.2  | 0.0  | 2259  |
| 1.4  | 0.9  | 9261  |
| 0.8  | 0.2  | 903   |
| 0.4  | 0.0  | 1508  |
| 0.0  | 0.0  | 2306  |
| 1.7  | 1.1  | 9928  |
| 0.0  | 0.1  | 1461  |
| 5.8  | 3.0  | 12546 |
| 0.1  | 0.3  | 1611  |
| 0.0  | 0.0  | 1648  |
| 15.4 | 13.0 | 6224  |
| 0.5  | 0.2  | 2054  |
| 7.1  | 2.6  | 1386  |
| 0.5  | 0.4  | 15551 |
| 2.3  | 2.3  | 2326  |
| 13.3 | 9.2  | 4381  |
| 0.1  | 0.0  | 4603  |
| 0.3  | 0.2  | 25411 |
| 0.1  | 0.0  | 28407 |
| 5.8  | 3.8  | 6713  |
| 0.0  | 0.0  | 1153  |
| 15.1 | 7.4  | 4760  |
| 3.5  | 0.7  | 2035  |
| 2.0  | 1.1  | 2031  |
| 3.9  | 0.7  | 2051  |
| 0.3  | 0.0  | 740   |
| 0.0  | 0.0  | 10557 |
| 6.1  | 3.7  | 4536  |
| 3.3  | 1.8  | 5857  |
| 2.2  | 0.6  | 2448  |
| 8.2  | 3.0  | 13391 |
| 0.1  | 0.0  | 10117 |
| 4.7  | 2.8  | 32687 |
| 4.4  | 2.1  | 7855  |
| 0.0  | 0.0  | 15824 |
| 0.5  | 0.3  | 15803 |
| 0.6  | 0.6  | 11749 |
| 0.1  | 0.0  | 18558 |
| 6.2  | 6.1  | 2960  |
| 9.1  | 7.6  | 14260 |
| 5.4  | 4.2  | 15856 |
| 18.2 | 17.8 | 5439  |
| 2.8  | 1.4  | 32603 |
| 7.0  | 5.1  | 2879  |
| 0.0  | 0.0  | 2163  |
| 4.2  | 2.2  | 8775  |

|      |      |       |
|------|------|-------|
| 0.2  | 0.0  | 1675  |
| 1.0  | 0.7  | 5247  |
| 3.1  | 3.5  | 11157 |
| 5.2  | 2.7  | 9411  |
| 0.1  | 0.0  | 3397  |
| 0.2  | 0.1  | 12601 |
| 3.5  | 6.0  | 9749  |
| 2.0  | 0.9  | 18933 |
| 0.2  | 0.2  | 24948 |
| 0.2  | 0.0  | 821   |
| 19.2 | 17.7 | 10477 |
| 0.1  | 0.0  | 38510 |
| 1.5  | 1.0  | 1369  |
| 1.1  | 0.7  | 23303 |
| 2.3  | 1.0  | 13559 |
| 31.3 | 35.5 | 3608  |
| 19.8 | 20.4 | 2847  |
| 7.0  | 6.8  | 3089  |
| 52.6 | 59.5 | 8760  |
| 0.1  | 0.6  | 1267  |
| 1.4  | 0.6  | 888   |
| 0.4  | 0.2  | 1862  |
| 28.7 | 23.0 | 880   |
| 2.8  | 1.9  | 22629 |
| 8.8  | 9.0  | 10805 |
| 6.4  | 6.6  | 1841  |
| 16.3 | 15.6 | 4811  |
| 0.9  | 0.6  | 9119  |
| 0.2  | 0.1  | 7062  |
| 3.6  | 3.6  | 1804  |
| 8.7  | 13.7 | 1841  |
| 0.1  | 0.1  | 3132  |
| 0.1  | 0.0  | 10714 |
| 1.0  | 0.3  | 6492  |
| 0.0  | 0.0  | 3790  |
| 0.1  | 0.0  | 4136  |
| 25.7 | 18.2 | 5658  |
| 2.3  | 1.6  | 7417  |
| 4.9  | 4.3  | 9160  |
| 87.0 | 64.8 | 2177  |
| 0.1  | 0.0  | 4506  |
| 0.5  | 0.0  | 2774  |
| 45.1 | 58.6 | 1369  |
| 11.4 | 7.1  | 7093  |
| 0.9  | 0.6  | 11016 |
| 0.0  | 0.0  | 8466  |
| 0.1  | 0.0  | 5323  |

|      |      |       |
|------|------|-------|
| 0.4  | 0.0  | 4243  |
| 0.1  | 0.0  | 3780  |
| 2.4  | 2.7  | 7431  |
| 0.3  | 0.2  | 39038 |
| 1.6  | 1.1  | 18475 |
| 9.3  | 8.4  | 6432  |
| 0.1  | 0.0  | 19371 |
| 20.3 | 21.3 | 2113  |
| 0.0  | 0.0  | 1550  |
| 1.0  | 0.3  | 14591 |
| 19.1 | 16.5 | 5174  |
| 0.0  | 0.0  | 2610  |
| 6.9  | 8.0  | 2861  |
| 1.9  | 2.7  | 1629  |
| 5.5  | 5.7  | 19887 |
| 1.1  | 0.3  | 933   |
| 51.9 | 75.0 | 1475  |
| 0.0  | 0.0  | 2206  |
| 0.9  | 0.6  | 7599  |
| 0.8  | 0.1  | 1859  |
| 0.5  | 2.0  | 568   |
| 0.2  | 0.1  | 5032  |
| 2.6  | 1.2  | 27486 |
| 37.1 | 12.3 | 1719  |
| 0.0  | 0.0  | 649   |
| 0.0  | 0.0  | 1709  |
| 0.7  | 0.8  | 12601 |
| 3.5  | 2.3  | 26347 |
| 0.2  | 0.0  | 3134  |
| 0.0  | 0.0  | 11624 |
| 0.0  | 0.0  | 30166 |
| 0.4  | 0.3  | 30147 |
| 3.6  | 3.9  | 9381  |
| 9.1  | 7.8  | 4951  |
| 13.8 | 14.6 | 2829  |
| 0.1  | 0.0  | 35404 |
| 0.2  | 0.0  | 3747  |
| 0.9  | 0.4  | 17428 |
| 0.0  | 0.0  | 13345 |
| 3.1  | 2.2  | 10975 |
| 1.2  | 0.8  | 10384 |
| 45.5 | 48.2 | 13905 |
| 0.1  | 0.0  | 7917  |
| 13.2 | 10.5 | 6280  |
| 2.0  | 1.9  | 73458 |
| 0.1  | 0.0  | 25923 |
| 0.4  | 0.2  | 11153 |



|      |      |       |
|------|------|-------|
| 2.7  | 2.0  | 2972  |
| 1.5  | 1.2  | 26817 |
| 0.1  | 0.2  | 5566  |
| 2.8  | 1.9  | 41487 |
| 0.1  | 0.0  | 2931  |
| 1.1  | 1.5  | 2787  |
| 1.3  | 0.5  | 5088  |
| 32.6 | 26.3 | 2556  |
| 0.2  | 0.1  | 7880  |
| 0.0  | 0.0  | 48993 |
| 0.0  | 0.2  | 573   |
| 0.1  | 0.0  | 3619  |
| 0.0  | 0.0  | 2960  |
| 7.4  | 6.3  | 2827  |
| 48.8 | 47.7 | 1006  |
| 17.2 | 10.6 | 3981  |
| 7.4  | 6.1  | 6713  |
| 9.3  | 9.6  | 1588  |
| 25.8 | 24.3 | 5606  |
| 0.0  | 0.0  | 13190 |
| 12.6 | 8.4  | 7753  |
| 11.6 | 10.8 | 8646  |
| 0.7  | 0.4  | 29798 |
| 3.0  | 0.7  | 1075  |
| 0.0  | 0.0  | 15124 |
| 0.2  | 0.2  | 3094  |
| 6.0  | 4.8  | 4141  |
| 1.5  | 1.3  | 16542 |
| 5.8  | 6.0  | 2034  |
| 13.0 | 10.6 | 7606  |
| 4.7  | 4.8  | 2285  |
| 0.0  | 0.0  | 10868 |
| 1.0  | 0.7  | 17920 |
| 80.2 | 87.2 | 2188  |
| 16.0 | 13.1 | 4302  |
| 3.7  | 3.9  | 15450 |
| 0.2  | 0.0  | 2344  |
| 1.1  | 0.7  | 8318  |
| 4.2  | 4.3  | 3146  |
| 0.0  | 0.0  | 12878 |
| 0.3  | 0.0  | 10910 |
| 2.0  | 1.5  | 9009  |
| 1.6  | 0.9  | 2881  |
| 10.2 | 6.3  | 12768 |
| 0.1  | 0.0  | 12058 |
| 44.8 | 49.0 | 2390  |
| 4.2  | 2.9  | 10604 |

|      |      |       |
|------|------|-------|
| 5.3  | 5.6  | 3580  |
| 48.0 | 42.7 | 8240  |
| 2.4  | 1.9  | 8526  |
| 7.9  | 8.1  | 3527  |
| 1.0  | 0.5  | 4801  |
| 4.7  | 4.1  | 14477 |
| 2.0  | 1.7  | 8177  |
| 82.8 | 76.3 | 3543  |
| 1.5  | 1.1  | 20257 |
| 5.2  | 1.2  | 10377 |
| 9.5  | 9.6  | 2836  |
| 3.8  | 2.3  | 1767  |
| 0.1  | 0.0  | 1203  |
| 0.0  | 0.0  | 38916 |
| 26.0 | 15.3 | 2101  |
| 5.7  | 2.9  | 3192  |
| 3.9  | 3.0  | 1909  |
| 5.1  | 1.8  | 5813  |
| 2.0  | 0.8  | 6277  |
| 0.0  | 0.0  | 1302  |
| 0.0  | 0.0  | 1005  |
| 1.6  | 0.7  | 18474 |
| 5.9  | 7.3  | 8846  |
| 0.1  | 0.0  | 1997  |
| 2.1  | 1.8  | 24279 |
| 0.0  | 0.0  | 2004  |
| 0.0  | 0.0  | 4450  |
| 3.8  | 3.8  | 3744  |
| 15.4 | 13.2 | 4574  |
| 2.1  | 1.9  | 3230  |
| 10.9 | 10.3 | 1504  |
| 16.0 | 14.5 | 4739  |
| 9.2  | 4.7  | 7242  |
| 15.6 | 10.6 | 5519  |
| 0.0  | 0.0  | 4756  |
| 0.0  | 0.0  | 8063  |
| 0.1  | 0.0  | 10149 |
| 3.3  | 2.7  | 6411  |
| 0.1  | 0.1  | 24972 |
| 4.1  | 2.9  | 19897 |
| 2.8  | 2.0  | 5117  |
| 0.5  | 0.2  | 8913  |
| 0.0  | 0.0  | 12661 |
| 0.0  | 0.0  | 9950  |
| 1.1  | 0.9  | 10438 |
| 0.6  | 0.3  | 1534  |
| 0.9  | 0.5  | 5031  |

|      |      |       |
|------|------|-------|
| 4.6  | 4.9  | 7505  |
| 25.7 | 33.1 | 2246  |
| 0.9  | 1.1  | 6033  |
| 1.4  | 0.7  | 24433 |
| 0.5  | 0.0  | 1295  |
| 0.6  | 0.1  | 14244 |
| 8.8  | 9.3  | 23409 |
| 9.5  | 5.9  | 4782  |
| 0.5  | 0.6  | 10199 |
| 2.3  | 2.2  | 6400  |
| 0.0  | 0.0  | 17137 |
| 7.4  | 7.3  | 8518  |
| 0.2  | 0.1  | 3334  |
| 1.6  | 1.4  | 2196  |
| 1.9  | 2.0  | 23175 |
| 1.6  | 2.2  | 11962 |
| 0.7  | 0.4  | 6742  |
| 0.2  | 0.0  | 2243  |
| 3.6  | 2.6  | 8722  |
| 0.0  | 0.0  | 30543 |
| 0.9  | 0.5  | 27831 |
| 0.0  | 0.0  | 26559 |
| 0.6  | 0.4  | 14005 |
| 0.0  | 0.0  | 1324  |
| 0.0  | 0.0  | 496   |
| 0.1  | 0.0  | 2692  |
| 0.4  | 0.7  | 5641  |
| 2.4  | 2.8  | 1681  |
| 0.0  | 0.0  | 1084  |
| 5.0  | 5.8  | 7819  |
| 0.2  | 0.0  | 31172 |
| 0.0  | 0.0  | 3891  |
| 0.0  | 0.0  | 7279  |
| 64.5 | 89.1 | 2270  |
| 1.7  | 0.6  | 10728 |
| 0.7  | 0.4  | 31771 |
| 0.3  | 0.1  | 3604  |
| 72.6 | 51.0 | 1338  |
| 0.1  | 0.0  | 6521  |
| 0.4  | 0.2  | 5578  |
| 1.0  | 0.4  | 6919  |
| 0.5  | 0.3  | 8484  |
| 10.6 | 10.4 | 8467  |
| 13.7 | 16.0 | 4284  |
| 0.0  | 0.0  | 2230  |
| 0.0  | 0.0  | 784   |
| 7.3  | 6.9  | 13064 |

|        |       |       |
|--------|-------|-------|
| 0.9    | 0.7   | 6601  |
| 0.0    | 0.0   | 17987 |
| 0.2    | 0.0   | 4743  |
| 14.0   | 14.3  | 26399 |
| 1.5    | 1.1   | 6120  |
| 1.0    | 0.9   | 15535 |
| 1.5    | 2.4   | 5474  |
| 154.7  | 168.5 | 593   |
| 11.1   | 8.3   | 8197  |
| 0.1    | 0.0   | 9644  |
| 1747.1 | 433.3 | 107   |
| 0.3    | 0.2   | 10889 |
| 1.1    | 0.1   | 1480  |
| 0.0    | 0.0   | 14262 |
| 0.6    | 0.4   | 51977 |
| 29.7   | 27.7  | 5125  |
| 0.6    | 1.0   | 2493  |
| 0.1    | 0.1   | 13944 |
| 0.0    | 0.0   | 5916  |
| 0.5    | 0.0   | 5440  |
| 24.9   | 22.5  | 1519  |
| 38.7   | 45.8  | 1122  |
| 17.9   | 8.8   | 899   |
| 10.4   | 5.5   | 2162  |
| 0.5    | 0.0   | 1251  |
| 0.0    | 0.0   | 983   |
| 0.0    | 0.0   | 1205  |
| 0.5    | 0.2   | 2326  |
| 0.2    | 0.0   | 1184  |
| 15.3   | 17.1  | 2399  |
| 23.5   | 22.9  | 3345  |
| 4.3    | 2.6   | 8726  |
| 6.5    | 4.7   | 6852  |
| 1.0    | 1.0   | 13712 |
| 1.0    | 0.7   | 5891  |
| 0.7    | 0.7   | 7817  |
| 1.2    | 0.8   | 29973 |
| 4.6    | 4.9   | 3562  |
| 0.2    | 0.0   | 2371  |
| 26.3   | 17.7  | 11793 |
| 0.5    | 0.4   | 3044  |
| 25.2   | 14.4  | 10228 |
| 2.7    | 2.5   | 20268 |
| 15.6   | 14.5  | 4477  |
| 0.5    | 0.0   | 800   |
| 48.8   | 92.4  | 940   |
| 2.1    | 0.5   | 5418  |

|       |       |       |
|-------|-------|-------|
| 0.1   | 0.1   | 14226 |
| 2.9   | 1.9   | 17933 |
| 0.1   | 0.0   | 1776  |
| 1.7   | 2.0   | 8802  |
| 1.5   | 0.5   | 7836  |
| 0.1   | 0.0   | 10157 |
| 1.9   | 1.6   | 4659  |
| 4.7   | 5.9   | 30044 |
| 8.7   | 7.5   | 11830 |
| 0.8   | 0.6   | 1773  |
| 9.6   | 8.4   | 13528 |
| 6.4   | 7.4   | 2727  |
| 8.5   | 8.8   | 6541  |
| 0.0   | 0.0   | 7476  |
| 0.4   | 0.5   | 29423 |
| 0.2   | 0.1   | 37265 |
| 8.2   | 10.1  | 2058  |
| 0.1   | 0.0   | 10813 |
| 2.0   | 1.4   | 14135 |
| 55.3  | 47.0  | 778   |
| 0.0   | 0.0   | 4588  |
| 0.9   | 1.1   | 28321 |
| 0.0   | 0.0   | 14599 |
| 20.8  | 22.7  | 12817 |
| 0.5   | 0.3   | 9447  |
| 14.0  | 14.4  | 6663  |
| 0.0   | 0.0   | 12210 |
| 0.3   | 0.1   | 9597  |
| 6.6   | 4.5   | 839   |
| 2.4   | 2.2   | 12467 |
| 8.1   | 8.7   | 4998  |
| 17.7  | 17.9  | 2003  |
| 0.3   | 0.3   | 7831  |
| 1.1   | 3.6   | 87    |
| 111.7 | 117.8 | 7670  |
| 10.7  | 13.1  | 7738  |
| 245.1 | 423.8 | 136   |
| 0.2   | 0.1   | 2029  |
| 5.8   | 5.9   | 8330  |
| 0.1   | 0.1   | 11526 |
| 0.1   | 0.0   | 905   |
| 0.0   | 0.0   | 857   |
| 1.3   | 0.6   | 8484  |
| 6.3   | 6.4   | 4279  |
| 0.5   | 0.4   | 1651  |
| 0.0   | 0.0   | 4522  |
| 0.2   | 0.0   | 2370  |

|      |      |        |
|------|------|--------|
| 0.1  | 0.0  | 1151   |
| 0.1  | 0.2  | 672    |
| 0.0  | 0.0  | 341    |
| 0.6  | 0.6  | 19041  |
| 0.0  | 0.0  | 17278  |
| 23.9 | 17.3 | 11328  |
| 23.5 | 12.7 | 9359   |
| 3.2  | 2.3  | 3392   |
| 18.5 | 15.7 | 4333   |
| 0.9  | 0.5  | 14839  |
| 15.4 | 13.3 | 5363   |
| 0.2  | 0.3  | 2391   |
| 1.8  | 0.7  | 16936  |
| 2.2  | 2.0  | 16754  |
| 0.5  | 0.4  | 8789   |
| 0.0  | 0.0  | 23556  |
| 5.5  | 6.5  | 15555  |
| 5.4  | 2.6  | 4948   |
| 4.3  | 2.2  | 5592   |
| 1.3  | 0.4  | 2362   |
| 0.0  | 0.0  | 2602   |
| 0.1  | 0.0  | 7738   |
| 0.0  | 0.0  | 4124   |
| 0.4  | 0.4  | 10755  |
| 0.2  | 0.1  | 1993   |
| 0.1  | 0.0  | 10982  |
| 0.0  | 0.0  | 2352   |
| 0.0  | 0.0  | 2249   |
| 5.9  | 4.2  | 12692  |
| 0.5  | 0.2  | 2265   |
| 1.6  | 0.3  | 3091   |
| 0.0  | 0.0  | 1517   |
| 1.3  | 0.3  | 1195   |
| 0.0  | 0.0  | 859    |
| 0.0  | 0.0  | 2168   |
| 0.3  | 0.0  | 1503   |
| 0.2  | 0.1  | 7524   |
| 0.9  | 0.2  | 4836   |
| 1.6  | 1.5  | 2043   |
| 0.0  | 0.0  | 3469   |
| 0.0  | 0.0  | 261976 |
| 0.0  | 0.0  | 1894   |
| 1.9  | 0.8  | 556    |
| 3.5  | 0.6  | 935    |
| 21.3 | 12.8 | 3888   |
| 0.1  | 0.0  | 1538   |
| 3.1  | 2.6  | 13906  |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 1275  |
| 1.7  | 1.5  | 13466 |
| 0.7  | 0.1  | 2469  |
| 0.3  | 0.0  | 3729  |
| 0.1  | 0.0  | 2277  |
| 5.4  | 3.4  | 2370  |
| 5.1  | 4.2  | 5945  |
| 0.0  | 0.0  | 2143  |
| 1.1  | 0.2  | 7605  |
| 12.8 | 11.2 | 7438  |
| 0.0  | 0.0  | 3366  |
| 0.0  | 0.0  | 2787  |
| 2.8  | 1.4  | 23363 |
| 0.2  | 0.0  | 8488  |
| 0.8  | 1.3  | 2987  |
| 1.6  | 0.8  | 962   |
| 2.6  | 2.1  | 21052 |
| 0.0  | 0.0  | 13847 |
| 1.0  | 0.4  | 29712 |
| 4.9  | 2.3  | 7005  |
| 1.0  | 0.3  | 2591  |
| 2.5  | 2.0  | 8011  |
| 1.3  | 1.0  | 5576  |
| 2.0  | 0.4  | 1459  |
| 1.2  | 0.9  | 2665  |
| 0.1  | 0.0  | 2662  |
| 6.0  | 6.7  | 3574  |
| 1.1  | 0.0  | 1262  |
| 0.2  | 0.0  | 5159  |
| 0.5  | 0.4  | 15455 |
| 0.0  | 0.0  | 32373 |
| 5.0  | 3.8  | 40556 |
| 3.6  | 2.3  | 17280 |
| 0.0  | 0.0  | 1906  |
| 1.3  | 0.0  | 74    |
| 3.2  | 3.5  | 6355  |
| 4.0  | 3.6  | 19024 |
| 4.0  | 3.1  | 10330 |
| 1.0  | 0.0  | 1326  |
| 2.4  | 1.1  | 968   |
| 1.2  | 0.0  | 547   |
| 0.3  | 0.3  | 8569  |
| 0.0  | 0.0  | 1270  |
| 23.7 | 24.0 | 6238  |
| 0.3  | 0.0  | 2166  |
| 0.0  | 0.0  | 58572 |
| 0.5  | 1.1  | 941   |

|       |        |       |
|-------|--------|-------|
| 6.6   | 5.1    | 10823 |
| 1.3   | 1.0    | 24102 |
| 0.5   | 0.0    | 792   |
| 2.8   | 1.2    | 1277  |
| 0.1   | 0.0    | 2692  |
| 12.2  | 5.2    | 10079 |
| 0.0   | 0.0    | 783   |
| 0.0   | 0.0    | 554   |
| 2.5   | 0.9    | 1574  |
| 0.2   | 0.0    | 2564  |
| 2.0   | 1.6    | 2317  |
| 0.2   | 0.0    | 471   |
| 0.8   | 0.5    | 7413  |
| 0.1   | 0.0    | 1278  |
| 2.2   | 0.7    | 6726  |
| 3.0   | 2.1    | 11019 |
| 0.4   | 0.2    | 1744  |
| 0.5   | 0.0    | 1606  |
| 0.0   | 0.0    | 1601  |
| 0.0   | 0.0    | 5397  |
| 0.0   | 0.0    | 2827  |
| 0.0   | 0.0    | 522   |
| 0.0   | 0.0    | 91    |
| 0.3   | 0.0    | 1466  |
| 5.0   | 2.5    | 5396  |
| 673.2 | 2836.5 | 13357 |
| 0.0   | 0.0    | 23017 |
| 0.0   | 0.0    | 8857  |
| 3.9   | 3.8    | 576   |
| 1.7   | 1.3    | 3158  |
| 0.0   | 0.0    | 913   |
| 0.3   | 0.0    | 6699  |
| 0.0   | 0.0    | 885   |
| 0.0   | 0.0    | 520   |
| 5.2   | 2.5    | 5346  |
| 2.9   | 2.5    | 12849 |
| 0.1   | 0.0    | 2258  |
| 0.3   | 0.0    | 2459  |
| 0.1   | 0.0    | 1863  |
| 0.4   | 0.0    | 259   |
| 0.1   | 0.1    | 8869  |
| 3.2   | 2.5    | 18671 |
| 0.5   | 0.2    | 8981  |
| 1.8   | 1.5    | 44845 |
| 1.2   | 0.2    | 8283  |
| 0.0   | 0.0    | 64172 |
| 0.2   | 0.0    | 5261  |



|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 557   |
| 10.5 | 7.8  | 5077  |
| 1.0  | 0.7  | 2348  |
| 5.0  | 5.6  | 2115  |
| 0.6  | 0.4  | 19224 |
| 0.0  | 0.0  | 1104  |
| 13.1 | 10.2 | 2619  |
| 0.5  | 1.3  | 2252  |
| 2.4  | 2.1  | 17528 |
| 8.7  | 10.3 | 6397  |
| 2.2  | 1.3  | 2063  |
| 0.0  | 0.0  | 467   |
| 0.0  | 0.0  | 4412  |
| 1.5  | 1.0  | 13481 |
| 14.5 | 16.7 | 3028  |
| 0.2  | 0.4  | 3515  |
| 18.2 | 19.5 | 3772  |
| 3.0  | 0.9  | 3014  |
| 5.4  | 4.2  | 4811  |
| 1.5  | 0.6  | 3166  |
| 4.5  | 3.5  | 5443  |
| 1.4  | 0.8  | 23626 |
| 4.0  | 2.5  | 10984 |
| 0.9  | 0.6  | 5735  |
| 1.5  | 0.8  | 7605  |
| 2.6  | 0.9  | 3897  |
| 0.3  | 0.0  | 2460  |
| 0.8  | 0.0  | 2291  |
| 2.5  | 1.2  | 10981 |
| 0.0  | 0.0  | 2062  |
| 0.0  | 0.0  | 1703  |
| 1.6  | 1.6  | 1302  |
| 1.0  | 0.3  | 6741  |
| 0.2  | 0.0  | 3917  |
| 0.0  | 0.0  | 9539  |
| 0.2  | 0.0  | 16585 |
| 0.1  | 0.0  | 3216  |
| 0.2  | 0.1  | 2323  |
| 3.1  | 2.1  | 6828  |
| 0.4  | 0.6  | 1681  |
| 0.0  | 0.0  | 892   |
| 2.2  | 1.4  | 25911 |
| 0.2  | 0.3  | 3726  |
| 14.5 | 12.0 | 6004  |
| 0.0  | 0.0  | 4508  |
| 4.4  | 2.9  | 2484  |
| 0.0  | 0.0  | 841   |

|      |      |       |
|------|------|-------|
| 41.8 | 29.9 | 1734  |
| 2.0  | 1.8  | 2925  |
| 7.7  | 8.0  | 13462 |
| 0.3  | 0.1  | 1998  |
| 0.5  | 0.0  | 9965  |
| 0.4  | 0.2  | 2292  |
| 0.3  | 0.0  | 1414  |
| 0.0  | 0.0  | 5855  |
| 0.2  | 0.1  | 22365 |
| 6.5  | 5.5  | 7717  |
| 0.0  | 0.0  | 10032 |
| 0.0  | 0.0  | 1347  |
| 3.4  | 4.0  | 17114 |
| 11.7 | 11.0 | 4312  |
| 1.0  | 0.7  | 15329 |
| 5.7  | 3.8  | 2094  |
| 0.0  | 0.0  | 25631 |
| 7.2  | 6.6  | 6421  |
| 9.4  | 9.7  | 3895  |
| 0.4  | 0.1  | 37675 |
| 2.3  | 1.4  | 13064 |
| 0.1  | 0.0  | 11464 |
| 4.9  | 4.1  | 9207  |
| 1.0  | 0.5  | 14588 |
| 0.1  | 0.0  | 1005  |
| 0.3  | 0.3  | 3581  |
| 0.8  | 0.2  | 6122  |
| 2.4  | 2.4  | 2005  |
| 1.0  | 0.9  | 2555  |
| 6.7  | 4.1  | 3624  |
| 2.5  | 4.0  | 2642  |
| 14.2 | 9.4  | 11591 |
| 5.6  | 6.5  | 1508  |
| 3.5  | 2.9  | 4217  |
| 41.3 | 34.3 | 4614  |
| 0.5  | 0.1  | 2511  |
| 0.9  | 0.6  | 11422 |
| 0.4  | 0.3  | 13707 |
| 2.5  | 1.7  | 11244 |
| 5.3  | 3.7  | 1416  |
| 3.2  | 2.5  | 23386 |
| 0.1  | 0.1  | 6556  |
| 1.1  | 1.0  | 22561 |
| 0.0  | 0.0  | 12696 |
| 1.3  | 0.0  | 1844  |
| 0.3  | 0.2  | 13390 |
| 0.1  | 0.0  | 9093  |

|      |      |       |
|------|------|-------|
| 4.0  | 5.4  | 2125  |
| 0.0  | 0.0  | 2228  |
| 5.6  | 2.2  | 3261  |
| 2.1  | 1.3  | 3502  |
| 0.0  | 0.0  | 4388  |
| 0.1  | 0.0  | 1791  |
| 0.0  | 0.0  | 2052  |
| 0.0  | 0.1  | 1973  |
| 7.3  | 5.7  | 4360  |
| 3.0  | 2.6  | 9114  |
| 24.4 | 12.8 | 2568  |
| 6.0  | 5.9  | 5991  |
| 4.4  | 1.8  | 3374  |
| 0.1  | 0.0  | 3166  |
| 0.0  | 0.0  | 3233  |
| 0.0  | 0.0  | 5539  |
| 2.7  | 1.5  | 3788  |
| 33.1 | 47.8 | 1208  |
| 1.9  | 0.6  | 3067  |
| 1.3  | 1.2  | 1780  |
| 26.0 | 28.2 | 1371  |
| 5.4  | 4.5  | 8837  |
| 28.4 | 34.2 | 1224  |
| 0.2  | 0.2  | 1376  |
| 3.7  | 1.3  | 4576  |
| 5.1  | 3.2  | 4997  |
| 3.5  | 2.0  | 5556  |
| 0.5  | 0.5  | 2663  |
| 5.7  | 6.6  | 2622  |
| 0.3  | 0.0  | 1423  |
| 4.6  | 2.5  | 1177  |
| 0.0  | 0.0  | 1791  |
| 5.4  | 5.3  | 5558  |
| 2.1  | 1.6  | 6956  |
| 0.1  | 0.0  | 1150  |
| 0.0  | 0.0  | 1243  |
| 0.4  | 0.1  | 2453  |
| 7.5  | 3.7  | 2344  |
| 0.0  | 0.0  | 1842  |
| 2.6  | 1.5  | 3481  |
| 0.3  | 0.0  | 2863  |
| 0.6  | 0.4  | 7447  |
| 3.3  | 2.8  | 13072 |
| 2.9  | 2.0  | 8505  |
| 0.3  | 0.0  | 607   |
| 0.4  | 0.3  | 26265 |
| 0.0  | 0.0  | 15938 |

|        |        |       |
|--------|--------|-------|
| 4.1    | 2.7    | 10993 |
| 0.4    | 0.0    | 790   |
| 3.0    | 1.5    | 4271  |
| 0.8    | 1.1    | 5269  |
| 0.1    | 0.1    | 3746  |
| 6.7    | 5.3    | 9166  |
| 0.0    | 0.0    | 317   |
| 18.3   | 19.9   | 1059  |
| 0.1    | 0.0    | 1328  |
| 12.9   | 9.1    | 7499  |
| 4.5    | 6.1    | 1599  |
| 0.0    | 0.0    | 534   |
| 1.6    | 0.9    | 6466  |
| 10.9   | 13.9   | 1038  |
| 15.9   | 13.0   | 6817  |
| 2.2    | 2.0    | 3149  |
| 0.0    | 0.1    | 1744  |
| 0.2    | 0.0    | 1169  |
| 1.8    | 0.8    | 5701  |
| 132.8  | 118.6  | 987   |
| 0.0    | 0.0    | 1473  |
| 1.9    | 1.6    | 12004 |
| 0.0    | 0.0    | 6980  |
| 0.0    | 0.0    | 72170 |
| 0.0    | 0.0    | 10144 |
| 0.1    | 0.0    | 14318 |
| 2.9    | 2.0    | 20146 |
| 8.0    | 7.0    | 3345  |
| 0.2    | 0.0    | 4572  |
| 0.9    | 1.2    | 2042  |
| 0.4    | 0.0    | 496   |
| 0.4    | 0.0    | 457   |
| 0.0    | 0.0    | 17956 |
| 0.9    | 0.9    | 1091  |
| 0.1    | 0.0    | 729   |
| 0.1    | 0.1    | 8110  |
| 1.2    | 1.6    | 12901 |
| 1194.8 | 1353.4 | 2826  |
| 0.0    | 0.1    | 3024  |
| 317.8  | 282.4  | 3490  |
| 0.0    | 1.0    | 639   |
| 0.0    | 0.0    | 763   |
| 0.0    | 0.1    | 1129  |
| 0.0    | 0.0    | 29240 |
| 0.0    | 0.0    | 2325  |
| 9.1    | 9.1    | 6693  |
| 13.5   | 10.5   | 3631  |

|      |      |       |
|------|------|-------|
| 7.1  | 5.3  | 7373  |
| 13.0 | 12.2 | 7230  |
| 0.2  | 0.0  | 1771  |
| 1.2  | 2.1  | 2116  |
| 0.7  | 0.9  | 15518 |
| 0.0  | 0.0  | 2523  |
| 1.7  | 1.0  | 10094 |
| 20.5 | 18.1 | 2538  |
| 3.9  | 2.1  | 15166 |
| 77.8 | 81.6 | 1813  |
| 0.0  | 0.0  | 5663  |
| 0.0  | 0.0  | 3447  |
| 0.0  | 0.0  | 408   |
| 0.0  | 0.2  | 1235  |
| 6.4  | 1.3  | 2129  |
| 4.2  | 4.5  | 24351 |
| 49.1 | 50.2 | 4518  |
| 0.5  | 0.3  | 3279  |
| 0.4  | 0.0  | 17615 |
| 0.7  | 0.0  | 428   |
| 0.2  | 0.1  | 8989  |
| 4.6  | 2.6  | 4494  |
| 0.5  | 0.0  | 1593  |
| 0.0  | 0.0  | 1593  |
| 0.3  | 0.0  | 1593  |
| 0.9  | 0.0  | 1593  |
| 0.4  | 0.0  | 1593  |
| 4.3  | 3.3  | 5620  |
| 11.4 | 8.8  | 10292 |
| 5.6  | 4.9  | 8665  |
| 1.4  | 1.1  | 18354 |
| 0.1  | 0.0  | 1593  |
| 0.1  | 0.0  | 1593  |
| 0.5  | 0.0  | 1593  |
| 0.5  | 0.0  | 1593  |
| 33.9 | 30.3 | 5651  |
| 0.0  | 0.0  | 575   |
| 0.2  | 0.0  | 1593  |
| 8.1  | 6.9  | 3807  |
| 3.2  | 2.6  | 11613 |
| 0.3  | 0.1  | 17687 |
| 0.5  | 0.0  | 1593  |
| 0.3  | 0.0  | 1593  |
| 0.5  | 0.0  | 1440  |
| 0.2  | 0.0  | 1191  |
| 0.1  | 0.0  | 1593  |
| 0.2  | 0.0  | 1593  |

|       |      |       |
|-------|------|-------|
| 0.1   | 0.0  | 1593  |
| 0.4   | 0.0  | 1593  |
| 2.6   | 2.3  | 8355  |
| 10.7  | 8.7  | 4907  |
| 3.0   | 2.8  | 21743 |
| 0.0   | 0.0  | 523   |
| 0.9   | 0.0  | 1593  |
| 2.7   | 2.3  | 7240  |
| 5.6   | 5.5  | 5888  |
| 2.5   | 2.5  | 11241 |
| 7.1   | 6.4  | 6595  |
| 0.2   | 0.0  | 2073  |
| 9.4   | 8.1  | 8400  |
| 36.1  | 24.7 | 2755  |
| 21.9  | 14.9 | 9559  |
| 0.0   | 0.0  | 5493  |
| 0.0   | 0.1  | 813   |
| 4.2   | 2.8  | 12595 |
| 2.8   | 1.6  | 5546  |
| 0.9   | 0.9  | 12926 |
| 4.7   | 7.6  | 587   |
| 1.4   | 1.0  | 13323 |
| 2.3   | 1.3  | 15831 |
| 5.0   | 3.6  | 9379  |
| 1.4   | 0.0  | 1680  |
| 1.2   | 0.8  | 4961  |
| 1.8   | 1.8  | 17057 |
| 0.3   | 0.2  | 6129  |
| 2.6   | 2.4  | 10555 |
| 1.8   | 2.2  | 13637 |
| 0.0   | 0.0  | 10718 |
| 0.3   | 0.2  | 2028  |
| 0.4   | 0.1  | 3567  |
| 2.5   | 2.2  | 16936 |
| 0.3   | 0.0  | 624   |
| 1.2   | 0.1  | 5037  |
| 1.6   | 2.0  | 411   |
| 0.0   | 0.0  | 467   |
| 0.0   | 0.0  | 1357  |
| 22.0  | 18.5 | 5701  |
| 20.9  | 12.1 | 1204  |
| 4.3   | 4.2  | 17622 |
| 8.4   | 6.8  | 3996  |
| 10.3  | 10.4 | 1461  |
| 4.8   | 5.5  | 2412  |
| 0.0   | 0.0  | 585   |
| 100.3 | 77.5 | 1507  |

|      |      |       |
|------|------|-------|
| 0.6  | 0.5  | 3410  |
| 0.2  | 0.2  | 3356  |
| 6.7  | 6.6  | 3328  |
| 26.2 | 24.2 | 2056  |
| 6.0  | 6.4  | 2737  |
| 0.4  | 0.1  | 5480  |
| 12.9 | 11.6 | 2451  |
| 0.2  | 0.0  | 878   |
| 0.2  | 0.1  | 4800  |
| 0.1  | 0.1  | 9221  |
| 5.7  | 2.4  | 4167  |
| 0.1  | 0.0  | 3002  |
| 0.0  | 0.0  | 4108  |
| 13.0 | 5.9  | 7472  |
| 0.1  | 0.0  | 4115  |
| 9.4  | 7.6  | 2518  |
| 3.7  | 3.6  | 13688 |
| 27.6 | 27.7 | 1510  |
| 25.7 | 28.0 | 1441  |
| 5.8  | 5.4  | 7795  |
| 3.6  | 2.1  | 19217 |
| 57.1 | 55.6 | 14770 |
| 1.3  | 0.8  | 7495  |
| 2.0  | 1.8  | 3520  |
| 11.0 | 10.0 | 15340 |
| 10.0 | 7.8  | 4849  |
| 0.2  | 0.1  | 19319 |
| 5.5  | 6.1  | 7818  |
| 0.0  | 0.0  | 402   |
| 1.0  | 0.9  | 2788  |
| 0.0  | 0.0  | 38835 |
| 98.0 | 94.2 | 1842  |
| 8.3  | 6.8  | 11025 |
| 1.1  | 0.1  | 1868  |
| 4.7  | 1.4  | 3312  |
| 5.4  | 1.6  | 4084  |
| 6.1  | 3.8  | 4230  |
| 0.2  | 0.2  | 3330  |
| 1.2  | 0.6  | 4417  |
| 1.2  | 0.6  | 2967  |
| 1.7  | 2.7  | 5178  |
| 0.0  | 0.0  | 1982  |
| 0.0  | 0.0  | 491   |
| 3.0  | 2.7  | 12175 |
| 0.0  | 0.0  | 2344  |
| 8.2  | 7.8  | 23686 |
| 0.1  | 0.0  | 2730  |

|       |       |       |
|-------|-------|-------|
| 1.7   | 1.5   | 11618 |
| 0.0   | 0.0   | 1850  |
| 0.3   | 0.1   | 20344 |
| 1.0   | 0.8   | 28703 |
| 22.3  | 20.1  | 5658  |
| 1.4   | 0.4   | 11369 |
| 21.5  | 9.5   | 3165  |
| 8.1   | 10.8  | 12382 |
| 0.3   | 0.4   | 2204  |
| 2.5   | 1.8   | 19855 |
| 0.1   | 0.1   | 6097  |
| 9.1   | 5.5   | 4605  |
| 0.0   | 0.3   | 2527  |
| 0.3   | 0.0   | 2314  |
| 0.0   | 0.0   | 53972 |
| 2.1   | 2.4   | 7113  |
| 42.5  | 28.4  | 1892  |
| 2.0   | 1.2   | 3611  |
| 1.5   | 0.5   | 7287  |
| 0.5   | 0.2   | 11943 |
| 1.9   | 1.4   | 983   |
| 0.1   | 0.0   | 18296 |
| 0.1   | 0.0   | 1217  |
| 0.1   | 0.0   | 32516 |
| 1.3   | 2.8   | 9053  |
| 49.1  | 49.6  | 2032  |
| 1.9   | 1.6   | 14583 |
| 1.7   | 0.8   | 20079 |
| 3.9   | 2.3   | 15198 |
| 2.9   | 2.6   | 3497  |
| 12.0  | 2.2   | 91671 |
| 1.2   | 0.3   | 3251  |
| 0.0   | 0.0   | 3507  |
| 0.4   | 0.3   | 23324 |
| 7.4   | 12.2  | 2952  |
| 27.5  | 24.2  | 2640  |
| 6.2   | 8.0   | 4685  |
| 3.1   | 3.5   | 5499  |
| 5.1   | 7.8   | 6130  |
| 1.7   | 1.0   | 4631  |
| 46.8  | 47.1  | 2160  |
| 146.6 | 132.4 | 451   |
| 0.3   | 0.0   | 575   |
| 3.7   | 2.2   | 5765  |
| 8.3   | 9.7   | 1865  |
| 0.1   | 0.0   | 3849  |
| 0.7   | 0.1   | 1243  |



|       |       |       |
|-------|-------|-------|
| 3.9   | 5.7   | 5591  |
| 0.1   | 0.0   | 1086  |
| 7.2   | 7.1   | 7290  |
| 3.4   | 1.5   | 3461  |
| 1.5   | 1.2   | 10127 |
| 5.5   | 3.9   | 5233  |
| 0.0   | 0.0   | 3538  |
| 71.5  | 60.0  | 3040  |
| 7.5   | 6.1   | 6237  |
| 17.2  | 19.2  | 4220  |
| 0.2   | 0.0   | 3236  |
| 8.7   | 8.0   | 6075  |
| 38.3  | 21.4  | 4746  |
| 15.4  | 10.7  | 3890  |
| 0.7   | 1.3   | 8189  |
| 0.1   | 0.0   | 10101 |
| 2.2   | 1.4   | 3984  |
| 3.0   | 1.8   | 3090  |
| 0.2   | 0.0   | 2584  |
| 0.4   | 0.1   | 5026  |
| 0.6   | 0.3   | 5733  |
| 180.9 | 165.6 | 2850  |
| 46.9  | 28.9  | 7808  |
| 0.6   | 0.0   | 5863  |
| 30.6  | 24.1  | 10001 |
| 4.6   | 4.4   | 4661  |
| 16.8  | 9.6   | 3982  |
| 0.4   | 0.1   | 4141  |
| 0.2   | 0.0   | 19296 |
| 64.1  | 60.3  | 7337  |
| 0.2   | 0.1   | 6548  |
| 0.1   | 0.0   | 1097  |
| 4.9   | 4.0   | 18772 |
| 0.1   | 0.0   | 4801  |
| 0.4   | 0.2   | 35018 |
| 0.0   | 0.0   | 1826  |
| 2.1   | 2.7   | 5631  |
| 1.4   | 0.6   | 3717  |
| 68.9  | 50.8  | 3385  |
| 0.1   | 0.2   | 3555  |
| 9.3   | 8.9   | 1994  |
| 2.1   | 0.6   | 2592  |
| 0.0   | 0.0   | 810   |
| 0.1   | 0.0   | 3550  |
| 40.5  | 33.8  | 5679  |
| 2.5   | 3.2   | 2595  |
| 17.0  | 10.3  | 6344  |

|      |      |       |
|------|------|-------|
| 6.5  | 5.3  | 13632 |
| 47.5 | 45.9 | 2751  |
| 3.0  | 3.4  | 4749  |
| 66.0 | 66.1 | 2997  |
| 7.5  | 3.1  | 1328  |
| 21.9 | 13.9 | 3790  |
| 11.3 | 14.0 | 4166  |
| 27.6 | 24.1 | 1868  |
| 0.0  | 0.1  | 2943  |
| 0.7  | 0.3  | 2613  |
| 0.5  | 0.5  | 55350 |
| 0.7  | 0.2  | 3211  |
| 0.3  | 0.3  | 4340  |
| 0.0  | 0.0  | 1474  |
| 1.3  | 0.4  | 3317  |
| 0.3  | 0.3  | 7071  |
| 46.0 | 53.9 | 6369  |
| 0.1  | 0.0  | 4604  |
| 5.9  | 2.7  | 1140  |
| 2.9  | 2.9  | 1537  |
| 0.7  | 0.0  | 633   |
| 0.0  | 0.0  | 883   |
| 0.0  | 0.0  | 870   |
| 0.1  | 0.0  | 909   |
| 9.8  | 6.2  | 1202  |
| 0.0  | 0.0  | 1897  |
| 0.3  | 0.0  | 2946  |
| 0.5  | 0.0  | 1106  |
| 9.1  | 4.8  | 1260  |
| 0.0  | 0.0  | 1708  |
| 0.8  | 0.5  | 1470  |
| 0.9  | 0.7  | 771   |
| 0.3  | 0.3  | 2015  |
| 0.5  | 0.2  | 1414  |
| 0.1  | 0.0  | 2488  |
| 1.3  | 0.6  | 4359  |
| 0.0  | 0.0  | 447   |
| 6.3  | 5.0  | 22804 |
| 6.0  | 7.5  | 1977  |
| 0.6  | 0.1  | 4293  |
| 1.6  | 1.1  | 6343  |
| 16.4 | 20.3 | 1854  |
| 0.1  | 0.0  | 5497  |
| 12.2 | 14.1 | 12325 |
| 11.5 | 9.8  | 1765  |
| 62.9 | 50.9 | 2753  |
| 0.1  | 0.0  | 17976 |

|      |      |       |
|------|------|-------|
| 51.0 | 48.1 | 8465  |
| 1.0  | 0.4  | 4395  |
| 2.8  | 1.5  | 3998  |
| 0.2  | 0.2  | 5468  |
| 3.8  | 6.7  | 23806 |
| 3.0  | 3.3  | 9347  |
| 45.3 | 31.3 | 1032  |
| 0.4  | 0.1  | 57195 |
| 0.4  | 0.5  | 5562  |
| 2.9  | 2.6  | 3710  |
| 1.9  | 1.5  | 5197  |
| 7.4  | 5.7  | 5838  |
| 0.4  | 0.4  | 2700  |
| 0.2  | 0.2  | 9274  |
| 0.2  | 0.0  | 3153  |
| 0.2  | 0.2  | 2485  |
| 12.4 | 10.1 | 3087  |
| 0.0  | 0.0  | 1494  |
| 0.0  | 0.0  | 2943  |
| 0.1  | 0.0  | 2603  |
| 61.6 | 69.4 | 1148  |
| 12.9 | 12.5 | 710   |
| 0.1  | 0.0  | 1717  |
| 20.1 | 25.4 | 1322  |
| 0.1  | 0.0  | 2517  |
| 0.0  | 0.0  | 1322  |
| 2.5  | 2.6  | 1312  |
| 0.0  | 0.0  | 763   |
| 11.6 | 10.1 | 1647  |
| 0.0  | 0.0  | 1382  |
| 0.4  | 0.0  | 873   |
| 2.5  | 0.7  | 3410  |
| 6.2  | 5.1  | 2474  |
| 0.0  | 0.0  | 4510  |
| 0.0  | 0.0  | 25802 |
| 0.0  | 0.0  | 2966  |
| 0.5  | 0.2  | 837   |
| 0.7  | 0.1  | 1458  |
| 3.5  | 2.7  | 3432  |
| 11.0 | 5.7  | 3959  |
| 5.6  | 7.9  | 1327  |
| 5.3  | 2.9  | 2803  |
| 0.2  | 0.0  | 3033  |
| 0.0  | 0.0  | 2428  |
| 5.6  | 2.4  | 4767  |
| 18.5 | 11.4 | 4352  |
| 16.6 | 19.4 | 1317  |

|       |      |       |
|-------|------|-------|
| 0.3   | 0.0  | 1351  |
| 1.4   | 0.3  | 2206  |
| 2.5   | 2.2  | 3562  |
| 17.2  | 11.0 | 1189  |
| 0.0   | 0.0  | 711   |
| 0.3   | 0.1  | 5189  |
| 3.6   | 2.4  | 4024  |
| 105.8 | 77.3 | 8870  |
| 1.0   | 0.8  | 7614  |
| 3.5   | 2.4  | 5446  |
| 0.4   | 0.5  | 1344  |
| 4.0   | 4.5  | 5694  |
| 1.8   | 0.9  | 20691 |
| 47.6  | 27.5 | 433   |
| 2.5   | 2.1  | 8680  |
| 0.8   | 0.4  | 3853  |
| 10.0  | 11.5 | 2106  |
| 0.1   | 0.0  | 3609  |
| 8.3   | 4.5  | 3866  |
| 0.3   | 0.1  | 3204  |
| 15.9  | 10.8 | 4053  |
| 3.4   | 5.3  | 6602  |
| 0.2   | 0.3  | 8333  |
| 15.5  | 19.1 | 3311  |
| 0.9   | 1.2  | 3300  |
| 2.4   | 3.4  | 3158  |
| 0.0   | 0.0  | 4071  |
| 7.3   | 5.1  | 3089  |
| 4.0   | 3.7  | 3193  |
| 20.6  | 8.4  | 3862  |
| 22.4  | 15.1 | 5582  |
| 0.4   | 0.6  | 7080  |
| 15.9  | 12.6 | 1553  |
| 0.1   | 0.0  | 5334  |
| 47.7  | 41.9 | 2344  |
| 8.6   | 8.9  | 5105  |
| 15.7  | 14.5 | 1196  |
| 2.7   | 1.9  | 49716 |
| 0.0   | 0.0  | 660   |
| 5.5   | 4.3  | 3917  |
| 5.6   | 6.2  | 18027 |
| 19.0  | 16.2 | 885   |
| 9.9   | 10.5 | 1475  |
| 7.6   | 3.5  | 3476  |
| 0.6   | 0.5  | 2763  |
| 17.3  | 22.8 | 2879  |
| 14.6  | 14.6 | 7014  |

|      |      |       |
|------|------|-------|
| 6.9  | 5.2  | 1077  |
| 3.9  | 2.4  | 15384 |
| 4.7  | 4.8  | 3237  |
| 3.3  | 4.3  | 2529  |
| 3.6  | 2.2  | 1562  |
| 8.0  | 7.5  | 6249  |
| 14.7 | 12.7 | 1674  |
| 3.5  | 3.0  | 6540  |
| 1.2  | 1.4  | 14504 |
| 30.0 | 30.0 | 2358  |
| 8.0  | 5.0  | 4221  |
| 2.0  | 1.3  | 3086  |
| 12.2 | 7.4  | 5138  |
| 28.6 | 32.5 | 855   |
| 0.3  | 0.2  | 1875  |
| 0.0  | 0.3  | 342   |
| 0.4  | 0.7  | 2988  |
| 3.6  | 2.0  | 2290  |
| 17.1 | 10.8 | 1563  |
| 9.5  | 7.9  | 2277  |
| 1.6  | 2.1  | 1750  |
| 0.8  | 0.5  | 1143  |
| 32.9 | 40.2 | 2676  |
| 30.5 | 33.2 | 4903  |
| 14.5 | 18.9 | 1397  |
| 14.7 | 13.2 | 2390  |
| 8.0  | 6.3  | 2162  |
| 4.2  | 5.5  | 1073  |
| 37.7 | 34.2 | 4843  |
| 7.5  | 3.6  | 1930  |
| 54.6 | 36.1 | 804   |
| 3.4  | 2.6  | 4242  |
| 19.2 | 20.5 | 2960  |
| 0.3  | 0.0  | 2144  |
| 14.5 | 11.4 | 3824  |
| 13.8 | 9.6  | 2664  |
| 7.1  | 4.2  | 4845  |
| 15.9 | 16.8 | 8449  |
| 0.3  | 0.0  | 4241  |
| 31.0 | 39.5 | 2296  |
| 14.9 | 11.1 | 2796  |
| 30.6 | 31.8 | 5816  |
| 5.8  | 6.4  | 9634  |
| 8.6  | 4.6  | 4566  |
| 10.4 | 12.3 | 3107  |
| 27.9 | 21.9 | 4890  |
| 22.4 | 22.9 | 5125  |

|       |       |       |
|-------|-------|-------|
| 1.4   | 1.8   | 13435 |
| 17.1  | 19.9  | 1062  |
| 21.1  | 14.4  | 4336  |
| 0.8   | 1.0   | 12566 |
| 3.6   | 4.9   | 6072  |
| 3.0   | 0.4   | 2172  |
| 240.2 | 268.8 | 864   |
| 0.0   | 0.0   | 963   |
| 6.6   | 7.2   | 3132  |
| 31.4  | 19.1  | 2619  |
| 0.5   | 0.5   | 2895  |
| 47.4  | 43.6  | 2263  |
| 8.9   | 17.0  | 858   |
| 0.2   | 0.0   | 1845  |
| 0.1   | 0.0   | 1496  |
| 1.0   | 1.5   | 4124  |
| 17.0  | 7.4   | 1078  |
| 9.4   | 13.0  | 1617  |
| 20.5  | 16.0  | 2004  |
| 3.7   | 1.4   | 4152  |
| 25.5  | 41.7  | 851   |
| 9.7   | 7.0   | 3503  |
| 0.0   | 0.0   | 2884  |
| 8.7   | 9.1   | 2782  |
| 0.4   | 0.0   | 1609  |
| 72.0  | 87.8  | 1693  |
| 1.0   | 0.5   | 2578  |
| 21.6  | 25.5  | 4538  |
| 2.1   | 1.8   | 2993  |
| 1.7   | 1.8   | 6386  |
| 0.1   | 0.0   | 2103  |
| 0.2   | 0.0   | 2810  |
| 0.1   | 0.0   | 828   |
| 12.0  | 10.2  | 3309  |
| 5.6   | 5.5   | 3347  |
| 8.9   | 3.6   | 5823  |
| 13.1  | 7.2   | 2150  |
| 3.9   | 3.3   | 4941  |
| 0.1   | 0.0   | 1238  |
| 1.2   | 0.9   | 1912  |
| 6.7   | 5.1   | 1809  |
| 5.1   | 4.4   | 3477  |
| 27.1  | 29.0  | 1659  |
| 3.4   | 3.6   | 1851  |
| 8.8   | 7.0   | 4346  |
| 2.0   | 2.2   | 4182  |
| 55.7  | 32.9  | 2154  |

|       |       |      |
|-------|-------|------|
| 131.9 | 117.6 | 1937 |
| 2.8   | 1.9   | 4642 |
| 10.1  | 7.5   | 3460 |
| 0.9   | 0.5   | 8251 |
| 2.2   | 1.0   | 5410 |
| 0.5   | 0.1   | 4794 |
| 2.2   | 0.9   | 3625 |
| 0.3   | 0.0   | 640  |
| 14.1  | 12.2  | 6190 |
| 0.0   | 0.0   | 3289 |
| 0.0   | 0.0   | 5201 |
| 0.0   | 0.0   | 4281 |
| 6.8   | 5.6   | 4461 |
| 0.1   | 0.0   | 4199 |
| 0.9   | 0.6   | 4225 |
| 10.9  | 8.2   | 3679 |
| 0.0   | 0.0   | 2471 |
| 3.1   | 4.7   | 1609 |
| 12.0  | 12.9  | 5888 |
| 6.1   | 2.0   | 2022 |
| 0.0   | 0.0   | 4089 |
| 8.0   | 5.9   | 3363 |
| 7.2   | 4.3   | 2368 |
| 2.4   | 2.4   | 3398 |
| 3.8   | 1.7   | 3323 |
| 9.9   | 8.0   | 3785 |
| 19.1  | 36.5  | 1023 |
| 1.4   | 0.4   | 2369 |
| 14.2  | 10.1  | 2594 |
| 0.0   | 0.0   | 2130 |
| 0.8   | 0.1   | 1926 |
| 2.1   | 2.1   | 2505 |
| 1.2   | 0.9   | 3250 |
| 11.5  | 9.1   | 1484 |
| 0.4   | 0.7   | 3513 |
| 1.2   | 0.6   | 2770 |
| 3.3   | 2.2   | 7715 |
| 14.5  | 7.5   | 5032 |
| 3.3   | 1.7   | 1600 |
| 5.5   | 3.1   | 3535 |
| 6.2   | 5.6   | 2556 |
| 7.6   | 5.1   | 3204 |
| 0.8   | 0.3   | 2134 |
| 3.8   | 4.0   | 3494 |
| 2.3   | 1.6   | 2929 |
| 0.1   | 0.0   | 6039 |
| 3.5   | 4.5   | 5333 |

|       |       |       |
|-------|-------|-------|
| 6.1   | 5.1   | 2968  |
| 15.3  | 23.5  | 813   |
| 0.3   | 0.2   | 4048  |
| 19.9  | 16.4  | 2430  |
| 4.2   | 2.1   | 3485  |
| 0.0   | 0.0   | 3828  |
| 0.1   | 0.1   | 2707  |
| 8.4   | 5.7   | 1385  |
| 1.3   | 0.7   | 3622  |
| 2.8   | 1.8   | 3595  |
| 101.3 | 93.4  | 5820  |
| 0.0   | 0.0   | 5826  |
| 0.8   | 0.8   | 3869  |
| 1.5   | 1.4   | 9196  |
| 0.1   | 0.0   | 1699  |
| 66.3  | 59.7  | 2422  |
| 72.5  | 136.0 | 2924  |
| 11.0  | 9.5   | 1903  |
| 48.9  | 52.1  | 3685  |
| 0.3   | 0.0   | 700   |
| 4.1   | 3.2   | 1550  |
| 0.3   | 0.1   | 1305  |
| 9.9   | 7.6   | 4622  |
| 3.7   | 1.5   | 1483  |
| 5.0   | 3.3   | 5305  |
| 3.5   | 1.3   | 2842  |
| 12.9  | 11.3  | 3961  |
| 22.2  | 24.1  | 3545  |
| 0.1   | 0.2   | 5042  |
| 1.7   | 1.6   | 1679  |
| 9.3   | 9.9   | 2546  |
| 21.3  | 19.4  | 1648  |
| 20.5  | 15.8  | 3221  |
| 44.3  | 47.4  | 2194  |
| 9.0   | 4.4   | 3804  |
| 5.6   | 4.8   | 2138  |
| 3.2   | 3.2   | 1515  |
| 3.0   | 4.4   | 2105  |
| 30.3  | 15.7  | 1103  |
| 57.4  | 50.1  | 600   |
| 11.2  | 11.1  | 1272  |
| 0.5   | 0.2   | 3461  |
| 5.7   | 8.3   | 5490  |
| 2.3   | 2.4   | 7003  |
| 9.2   | 11.0  | 4456  |
| 1.4   | 1.0   | 17020 |
| 2.1   | 0.8   | 4301  |



|      |      |       |
|------|------|-------|
| 7.9  | 9.8  | 977   |
| 0.2  | 0.0  | 2445  |
| 12.6 | 11.7 | 6463  |
| 5.1  | 3.7  | 1286  |
| 0.2  | 0.3  | 792   |
| 0.1  | 0.0  | 4961  |
| 8.8  | 6.8  | 3658  |
| 11.0 | 16.7 | 1137  |
| 19.3 | 16.4 | 2178  |
| 2.0  | 0.4  | 995   |
| 8.5  | 6.7  | 4440  |
| 5.0  | 3.2  | 3549  |
| 0.2  | 0.0  | 6366  |
| 25.8 | 24.8 | 3093  |
| 7.9  | 5.6  | 4613  |
| 10.4 | 5.0  | 4868  |
| 3.0  | 4.5  | 1546  |
| 0.0  | 0.0  | 403   |
| 0.1  | 0.0  | 5386  |
| 3.5  | 1.3  | 10346 |
| 10.8 | 9.5  | 5415  |
| 5.1  | 4.6  | 2875  |
| 12.4 | 8.0  | 7109  |
| 1.5  | 0.6  | 8530  |
| 10.1 | 9.5  | 3386  |
| 3.0  | 3.1  | 10876 |
| 0.0  | 0.0  | 2581  |
| 1.6  | 2.6  | 4929  |
| 3.1  | 3.3  | 12642 |
| 7.1  | 3.4  | 2493  |
| 54.2 | 38.8 | 2240  |
| 0.8  | 0.2  | 3039  |
| 32.8 | 48.2 | 1885  |
| 13.2 | 12.4 | 9230  |
| 31.8 | 34.4 | 2142  |
| 15.5 | 20.2 | 5354  |
| 12.2 | 7.9  | 5653  |
| 19.8 | 13.8 | 2478  |
| 0.0  | 0.0  | 5956  |
| 6.3  | 9.3  | 4462  |
| 2.6  | 1.6  | 4752  |
| 0.1  | 0.0  | 1555  |
| 1.5  | 0.8  | 3330  |
| 0.1  | 0.0  | 698   |
| 43.9 | 59.3 | 2066  |
| 7.7  | 6.4  | 2042  |
| 14.3 | 11.9 | 4860  |

|       |       |        |
|-------|-------|--------|
| 0.0   | 0.0   | 844    |
| 7.2   | 11.0  | 7668   |
| 2.2   | 1.0   | 13929  |
| 0.0   | 0.0   | 1734   |
| 14.8  | 11.9  | 1384   |
| 2.2   | 2.2   | 1276   |
| 0.9   | 0.4   | 752    |
| 3.0   | 2.0   | 3822   |
| 6.2   | 5.3   | 3505   |
| 0.3   | 0.0   | 1188   |
| 3.7   | 1.7   | 10549  |
| 21.5  | 15.7  | 4582   |
| 2.2   | 1.9   | 8559   |
| 0.1   | 0.2   | 894    |
| 0.0   | 0.0   | 2690   |
| 25.9  | 25.5  | 2067   |
| 12.3  | 10.9  | 2870   |
| 0.4   | 1.3   | 1301   |
| 0.1   | 0.0   | 2082   |
| 3.6   | 3.1   | 1363   |
| 15.0  | 12.3  | 6160   |
| 8.2   | 6.0   | 6172   |
| 8.8   | 7.9   | 3934   |
| 10.2  | 7.1   | 5629   |
| 24.9  | 19.4  | 2377   |
| 11.3  | 3.6   | 5293   |
| 101.1 | 114.2 | 461    |
| 3.7   | 2.8   | 1834   |
| 0.7   | 0.3   | 3999   |
| 0.0   | 0.0   | 2333   |
| 0.1   | 0.0   | 2345   |
| 8.4   | 17.8  | 118333 |
| 37.9  | 25.7  | 2251   |
| 4.2   | 4.0   | 3384   |
| 8.6   | 9.9   | 2703   |
| 7.0   | 8.7   | 2469   |
| 0.2   | 0.3   | 2507   |
| 7.6   | 5.8   | 3080   |
| 8.4   | 4.9   | 4385   |
| 26.2  | 10.7  | 2373   |
| 0.1   | 0.0   | 6456   |
| 5.2   | 1.1   | 2437   |
| 46.7  | 50.2  | 4839   |
| 18.6  | 19.2  | 12315  |
| 14.1  | 14.4  | 978    |
| 11.4  | 9.4   | 2733   |
| 3.8   | 2.0   | 2701   |

|       |      |       |
|-------|------|-------|
| 0.0   | 0.0  | 2126  |
| 4.7   | 3.3  | 3890  |
| 102.2 | 81.9 | 815   |
| 3.3   | 3.3  | 4378  |
| 0.5   | 0.1  | 5736  |
| 45.1  | 51.3 | 3288  |
| 29.7  | 19.0 | 5695  |
| 20.8  | 17.5 | 3525  |
| 10.8  | 8.2  | 2638  |
| 4.0   | 7.9  | 4260  |
| 4.9   | 1.7  | 3753  |
| 8.2   | 5.6  | 3631  |
| 0.2   | 0.2  | 5909  |
| 2.1   | 1.0  | 8932  |
| 23.5  | 20.2 | 2211  |
| 0.9   | 0.1  | 11656 |
| 1.0   | 0.8  | 24589 |
| 9.5   | 8.3  | 4225  |
| 1.8   | 1.6  | 2492  |
| 0.2   | 0.1  | 944   |
| 6.8   | 5.0  | 1471  |
| 0.0   | 0.0  | 9119  |
| 1.4   | 0.8  | 1776  |
| 0.4   | 0.0  | 1071  |
| 1.9   | 2.7  | 1924  |
| 0.7   | 0.9  | 1024  |
| 18.8  | 15.3 | 4354  |
| 5.7   | 4.4  | 3767  |
| 0.2   | 0.9  | 1586  |
| 0.1   | 0.1  | 2867  |
| 15.5  | 13.8 | 4203  |
| 8.1   | 4.8  | 2571  |
| 0.2   | 0.0  | 5550  |
| 0.1   | 0.0  | 3317  |
| 8.7   | 6.6  | 5821  |
| 7.8   | 5.4  | 7299  |
| 10.4  | 9.4  | 2453  |
| 6.9   | 6.1  | 3534  |
| 22.3  | 20.1 | 2100  |
| 0.2   | 0.0  | 1147  |
| 4.2   | 7.0  | 1282  |
| 0.0   | 0.0  | 1899  |
| 15.6  | 12.4 | 705   |
| 0.1   | 0.0  | 2838  |
| 2.1   | 2.9  | 1365  |
| 1.8   | 1.3  | 10995 |
| 10.0  | 9.9  | 2645  |

|       |       |       |
|-------|-------|-------|
| 3.7   | 2.1   | 3923  |
| 2.2   | 2.0   | 2376  |
| 5.1   | 3.4   | 1969  |
| 11.1  | 7.8   | 12735 |
| 0.4   | 0.2   | 8591  |
| 259.4 | 184.0 | 4658  |
| 0.2   | 0.1   | 1870  |
| 0.5   | 0.1   | 32189 |
| 50.6  | 35.1  | 2121  |
| 1.0   | 0.5   | 6276  |
| 26.4  | 21.9  | 4759  |
| 10.0  | 9.6   | 4088  |
| 2.3   | 1.5   | 2004  |
| 16.5  | 18.0  | 4470  |
| 10.9  | 10.0  | 5062  |
| 0.8   | 1.2   | 2785  |
| 0.1   | 0.1   | 4440  |
| 1.8   | 1.2   | 8824  |
| 3.2   | 2.4   | 16261 |
| 5.5   | 5.7   | 2369  |
| 13.6  | 10.5  | 6354  |
| 6.2   | 3.4   | 14247 |
| 0.3   | 0.2   | 30844 |
| 6.0   | 5.1   | 3033  |
| 17.7  | 10.5  | 6401  |
| 0.1   | 0.1   | 2475  |
| 58.8  | 63.8  | 8481  |
| 20.3  | 23.8  | 1292  |
| 0.9   | 0.8   | 4733  |
| 2.5   | 2.7   | 6255  |
| 5.5   | 4.2   | 6921  |
| 20.3  | 18.3  | 3254  |
| 0.0   | 0.0   | 1646  |
| 6.9   | 3.2   | 5545  |
| 7.7   | 4.1   | 3094  |
| 0.0   | 0.0   | 9597  |
| 13.7  | 13.3  | 4398  |
| 1.2   | 2.5   | 2836  |
| 0.2   | 0.0   | 1558  |
| 20.7  | 14.9  | 2326  |
| 37.6  | 29.2  | 1977  |
| 0.5   | 0.1   | 2117  |
| 3.6   | 2.9   | 837   |
| 12.7  | 11.8  | 2404  |
| 9.8   | 8.5   | 7314  |
| 0.4   | 0.0   | 3794  |
| 17.5  | 19.0  | 3385  |

|      |      |       |
|------|------|-------|
| 19.2 | 25.7 | 1184  |
| 5.7  | 2.5  | 11801 |
| 23.6 | 16.9 | 2029  |
| 10.8 | 11.7 | 1182  |
| 11.2 | 9.2  | 3381  |
| 17.0 | 13.5 | 5171  |
| 3.8  | 3.5  | 3051  |
| 0.1  | 0.1  | 4089  |
| 0.3  | 0.1  | 2327  |
| 17.1 | 9.2  | 3341  |
| 10.5 | 8.3  | 2297  |
| 1.7  | 1.4  | 10328 |
| 13.7 | 7.2  | 1344  |
| 35.6 | 26.7 | 3680  |
| 4.4  | 3.3  | 6389  |
| 0.0  | 0.0  | 5570  |
| 34.7 | 26.5 | 2225  |
| 0.0  | 0.0  | 16608 |
| 11.2 | 9.4  | 3922  |
| 10.2 | 6.5  | 3561  |
| 28.2 | 25.0 | 2298  |
| 0.1  | 0.1  | 6434  |
| 0.6  | 0.4  | 1554  |
| 5.9  | 4.5  | 1173  |
| 0.0  | 0.0  | 2337  |
| 0.0  | 0.0  | 566   |
| 34.9 | 39.4 | 893   |
| 2.7  | 1.2  | 4183  |
| 1.5  | 1.2  | 8493  |
| 8.9  | 6.2  | 2717  |
| 0.1  | 0.0  | 762   |
| 25.3 | 19.9 | 13468 |
| 2.3  | 3.2  | 3370  |
| 14.3 | 12.7 | 1308  |
| 10.7 | 9.0  | 2608  |
| 8.1  | 7.6  | 1321  |
| 0.1  | 0.0  | 1864  |
| 46.8 | 37.7 | 2384  |
| 0.0  | 0.0  | 661   |
| 0.1  | 0.0  | 3285  |
| 3.4  | 2.0  | 9761  |
| 8.5  | 9.8  | 4153  |
| 5.9  | 5.6  | 1184  |
| 1.0  | 0.0  | 3630  |
| 8.9  | 3.4  | 3942  |
| 11.6 | 9.7  | 3901  |
| 3.0  | 1.5  | 1849  |

|      |      |       |
|------|------|-------|
| 1.9  | 1.2  | 1614  |
| 57.4 | 72.5 | 786   |
| 16.1 | 9.8  | 3652  |
| 35.5 | 30.8 | 4236  |
| 31.9 | 21.3 | 13336 |
| 2.4  | 1.5  | 2110  |
| 0.3  | 0.0  | 599   |
| 0.1  | 0.0  | 2495  |
| 0.0  | 0.0  | 2472  |
| 4.8  | 3.3  | 1749  |
| 27.8 | 26.6 | 4321  |
| 0.1  | 0.2  | 2025  |
| 0.4  | 0.3  | 5246  |
| 0.8  | 0.1  | 3024  |
| 1.0  | 0.4  | 1058  |
| 17.5 | 14.0 | 5730  |
| 8.8  | 6.4  | 3498  |
| 0.1  | 0.0  | 966   |
| 19.3 | 25.9 | 1043  |
| 1.5  | 0.7  | 2305  |
| 2.1  | 1.2  | 1350  |
| 2.1  | 1.3  | 1651  |
| 2.7  | 1.5  | 2006  |
| 0.0  | 0.0  | 1372  |
| 9.7  | 6.6  | 8631  |
| 0.1  | 0.2  | 10004 |
| 4.9  | 4.3  | 9593  |
| 7.1  | 6.0  | 2100  |
| 4.2  | 4.2  | 15137 |
| 0.3  | 0.4  | 1894  |
| 4.8  | 4.4  | 15324 |
| 3.6  | 3.2  | 2718  |
| 0.0  | 0.0  | 1172  |
| 2.4  | 1.0  | 4300  |
| 1.0  | 0.5  | 2664  |
| 23.2 | 25.3 | 781   |
| 0.5  | 0.0  | 1546  |
| 1.0  | 0.2  | 887   |
| 0.0  | 0.0  | 622   |
| 0.2  | 0.0  | 1510  |
| 31.1 | 26.2 | 6367  |
| 4.7  | 3.8  | 6390  |
| 1.9  | 1.8  | 7193  |
| 18.1 | 12.5 | 2229  |
| 1.5  | 1.3  | 15123 |
| 1.0  | 0.8  | 13924 |
| 27.6 | 24.2 | 2096  |

|       |       |      |
|-------|-------|------|
| 35.2  | 33.1  | 4015 |
| 8.8   | 3.7   | 9074 |
| 11.2  | 8.8   | 3735 |
| 12.5  | 10.4  | 3300 |
| 20.8  | 22.6  | 2100 |
| 10.4  | 7.0   | 7026 |
| 0.0   | 0.0   | 1299 |
| 10.1  | 11.0  | 7055 |
| 2.4   | 1.0   | 2707 |
| 1.6   | 0.8   | 2996 |
| 0.1   | 0.0   | 2123 |
| 0.6   | 0.0   | 2165 |
| 118.0 | 168.4 | 1045 |
| 0.1   | 0.0   | 2838 |
| 27.5  | 24.7  | 3338 |
| 10.8  | 7.0   | 7011 |
| 3.1   | 4.0   | 1135 |
| 0.3   | 1.0   | 3396 |
| 51.6  | 58.9  | 1832 |
| 0.3   | 0.1   | 1580 |
| 0.2   | 0.0   | 1182 |
| 0.1   | 0.1   | 3401 |
| 2.0   | 1.3   | 8743 |
| 14.3  | 12.3  | 2180 |
| 7.8   | 4.6   | 7359 |
| 8.2   | 7.5   | 3198 |
| 26.3  | 11.3  | 3222 |
| 3.5   | 5.4   | 6646 |
| 15.9  | 18.2  | 1449 |
| 0.2   | 0.0   | 2032 |
| 0.1   | 0.9   | 783  |
| 0.0   | 0.0   | 802  |
| 182.8 | 190.7 | 1399 |
| 0.4   | 0.0   | 473  |
| 1.1   | 0.0   | 1258 |
| 0.0   | 0.0   | 1413 |
| 1.1   | 1.3   | 1084 |
| 8.9   | 6.1   | 1772 |
| 99.0  | 84.3  | 627  |
| 1.5   | 1.5   | 691  |
| 12.6  | 11.1  | 901  |
| 0.0   | 0.1   | 1473 |
| 14.8  | 11.8  | 1251 |
| 0.0   | 0.0   | 542  |
| 19.8  | 12.8  | 1047 |
| 0.0   | 0.0   | 624  |
| 0.1   | 0.0   | 2134 |

|        |        |      |
|--------|--------|------|
| 0.5    | 0.0    | 2148 |
| 1.3    | 1.3    | 4350 |
| 1.2    | 1.1    | 3851 |
| 0.0    | 0.2    | 528  |
| 0.0    | 0.0    | 524  |
| 0.2    | 0.0    | 527  |
| 0.2    | 0.0    | 526  |
| 13.4   | 12.1   | 1361 |
| 0.1    | 0.6    | 1157 |
| 0.0    | 0.0    | 1224 |
| 0.2    | 0.0    | 1071 |
| 0.0    | 0.2    | 1239 |
| 0.4    | 0.1    | 3584 |
| 0.0    | 0.3    | 716  |
| 1.0    | 0.0    | 1173 |
| 0.1    | 0.0    | 1984 |
| 0.4    | 0.0    | 963  |
| 0.0    | 0.0    | 1514 |
| 1.5    | 1.0    | 617  |
| 0.6    | 0.1    | 2798 |
| 2.9    | 2.2    | 1274 |
| 37.1   | 37.7   | 2136 |
| 8.7    | 7.8    | 2470 |
| 232.2  | 368.7  | 561  |
| 0.0    | 0.0    | 2545 |
| 0.0    | 0.0    | 1670 |
| 9.4    | 9.5    | 1771 |
| 8.8    | 6.0    | 1812 |
| 0.6    | 0.5    | 661  |
| 169.1  | 126.2  | 2062 |
| 2.0    | 0.3    | 4930 |
| 1.9    | 1.3    | 1178 |
| 0.4    | 1.3    | 1020 |
| 26.0   | 13.4   | 3748 |
| 20.7   | 19.9   | 1299 |
| 18.0   | 15.9   | 1429 |
| 0.2    | 0.2    | 4757 |
| 2.7    | 0.8    | 1559 |
| 7.3    | 3.9    | 6203 |
| 1047.2 | 1095.3 | 705  |
| 6.8    | 11.3   | 738  |
| 0.5    | 0.0    | 710  |
| 0.0    | 0.0    | 542  |
| 0.0    | 0.0    | 897  |
| 0.5    | 0.5    | 1216 |
| 10.2   | 10.8   | 2963 |
| 41.8   | 38.7   | 750  |



|       |       |      |
|-------|-------|------|
| 31.0  | 24.7  | 1499 |
| 392.2 | 404.3 | 1360 |
| 15.8  | 5.6   | 1936 |
| 139.7 | 99.4  | 2780 |
| 40.0  | 38.7  | 1407 |
| 12.8  | 6.6   | 1637 |
| 0.1   | 0.0   | 1722 |
| 1.4   | 0.5   | 2752 |
| 0.0   | 0.0   | 2266 |
| 0.0   | 0.1   | 3357 |
| 0.0   | 0.0   | 710  |
| 59.8  | 46.0  | 1336 |
| 12.5  | 6.1   | 3111 |
| 12.1  | 10.3  | 2430 |
| 0.1   | 0.0   | 2142 |
| 0.0   | 0.0   | 735  |
| 13.0  | 13.1  | 3367 |
| 0.0   | 0.0   | 716  |
| 4.3   | 6.6   | 1321 |
| 4.8   | 4.2   | 2825 |
| 11.1  | 6.2   | 3527 |
| 0.0   | 0.0   | 4973 |
| 5.1   | 5.8   | 5183 |
| 0.1   | 0.0   | 3579 |
| 5.5   | 1.3   | 1575 |
| 28.3  | 17.2  | 970  |
| 0.1   | 0.0   | 2180 |
| 3.2   | 2.0   | 2593 |
| 13.2  | 7.3   | 3954 |
| 2.9   | 2.4   | 3182 |
| 0.0   | 0.0   | 792  |
| 10.3  | 6.5   | 2629 |
| 17.3  | 19.7  | 2765 |
| 0.2   | 0.0   | 1956 |
| 0.0   | 0.0   | 550  |
| 9.4   | 7.7   | 2084 |
| 1.6   | 1.8   | 2959 |
| 17.0  | 15.2  | 943  |
| 0.6   | 0.2   | 2576 |
| 14.6  | 19.6  | 4959 |
| 0.7   | 0.4   | 3827 |
| 36.7  | 29.6  | 1182 |
| 0.2   | 0.0   | 3219 |
| 16.1  | 10.7  | 2322 |
| 25.6  | 22.5  | 1241 |
| 23.6  | 19.7  | 1851 |
| 55.1  | 55.8  | 2213 |

|      |      |       |
|------|------|-------|
| 50.9 | 46.4 | 813   |
| 0.1  | 0.0  | 1893  |
| 2.6  | 2.2  | 7220  |
| 2.3  | 1.3  | 6627  |
| 4.7  | 4.0  | 2542  |
| 8.6  | 8.1  | 1386  |
| 10.0 | 8.9  | 2746  |
| 15.1 | 10.9 | 5505  |
| 0.3  | 0.1  | 3062  |
| 96.4 | 92.2 | 10244 |
| 0.0  | 0.0  | 1031  |
| 0.2  | 0.4  | 6364  |
| 6.5  | 6.6  | 7957  |
| 0.2  | 0.1  | 3897  |
| 0.2  | 0.0  | 1315  |
| 0.3  | 0.0  | 951   |
| 1.1  | 0.0  | 942   |
| 6.6  | 4.2  | 4726  |
| 0.0  | 0.0  | 1092  |
| 0.1  | 0.0  | 4817  |
| 0.0  | 0.0  | 9970  |
| 1.0  | 1.6  | 2087  |
| 11.2 | 5.4  | 9256  |
| 3.2  | 1.7  | 6583  |
| 0.0  | 0.0  | 566   |
| 12.5 | 9.8  | 10562 |
| 1.1  | 0.8  | 2708  |
| 5.0  | 3.2  | 8603  |
| 0.2  | 0.0  | 1877  |
| 0.3  | 0.3  | 2024  |
| 0.4  | 0.0  | 2858  |
| 0.0  | 0.0  | 897   |
| 0.0  | 0.0  | 533   |
| 0.0  | 0.0  | 1909  |
| 0.8  | 0.5  | 1004  |
| 17.5 | 14.1 | 2105  |
| 15.2 | 16.3 | 2751  |
| 5.3  | 5.9  | 2187  |
| 0.3  | 0.0  | 577   |
| 0.2  | 0.0  | 1134  |
| 26.3 | 26.7 | 888   |
| 21.5 | 23.8 | 3083  |
| 0.2  | 0.2  | 3215  |
| 12.3 | 7.9  | 3145  |
| 0.0  | 0.0  | 2061  |
| 0.0  | 0.0  | 2680  |
| 0.1  | 0.0  | 3439  |

|       |       |       |
|-------|-------|-------|
| 3.8   | 3.7   | 1354  |
| 0.6   | 0.2   | 4034  |
| 0.3   | 0.0   | 2535  |
| 0.4   | 0.2   | 6286  |
| 0.3   | 0.0   | 1895  |
| 15.7  | 14.3  | 2334  |
| 0.2   | 0.1   | 6183  |
| 0.5   | 0.0   | 2290  |
| 0.3   | 0.0   | 1245  |
| 2.7   | 2.3   | 3225  |
| 0.0   | 0.0   | 599   |
| 2.0   | 1.4   | 3573  |
| 0.0   | 0.0   | 1201  |
| 0.4   | 0.2   | 1543  |
| 2.8   | 0.9   | 2430  |
| 8.1   | 8.4   | 2996  |
| 0.1   | 0.0   | 2423  |
| 0.8   | 1.1   | 1335  |
| 0.1   | 0.1   | 1980  |
| 0.3   | 0.3   | 3044  |
| 36.1  | 35.4  | 3676  |
| 1.2   | 1.2   | 4456  |
| 1.8   | 0.9   | 3482  |
| 14.3  | 15.9  | 10327 |
| 16.0  | 14.3  | 6219  |
| 66.6  | 28.9  | 3821  |
| 0.2   | 0.0   | 3285  |
| 3.5   | 2.4   | 14155 |
| 8.3   | 5.9   | 1587  |
| 2.1   | 1.0   | 7689  |
| 1.6   | 0.6   | 1679  |
| 1.3   | 0.8   | 5573  |
| 0.1   | 0.0   | 7110  |
| 4.2   | 2.5   | 510   |
| 29.8  | 23.6  | 2425  |
| 29.4  | 23.7  | 1949  |
| 0.1   | 0.0   | 2399  |
| 0.1   | 0.0   | 2357  |
| 0.0   | 0.1   | 2374  |
| 0.0   | 0.0   | 2396  |
| 0.0   | 0.0   | 2395  |
| 0.1   | 0.0   | 5049  |
| 7.7   | 9.7   | 2297  |
| 134.3 | 178.2 | 521   |
| 0.3   | 0.0   | 3094  |
| 24.9  | 24.5  | 4365  |
| 44.0  | 31.2  | 2256  |

|      |      |       |
|------|------|-------|
| 4.2  | 5.5  | 4333  |
| 4.6  | 4.9  | 2392  |
| 10.3 | 9.6  | 7951  |
| 7.2  | 5.1  | 7709  |
| 0.5  | 0.2  | 5631  |
| 1.5  | 0.1  | 3416  |
| 4.3  | 3.7  | 4021  |
| 0.0  | 0.0  | 948   |
| 0.4  | 0.2  | 480   |
| 0.1  | 0.0  | 936   |
| 0.5  | 0.2  | 1970  |
| 0.1  | 0.0  | 10939 |
| 7.0  | 3.0  | 6319  |
| 0.0  | 0.0  | 2351  |
| 3.8  | 3.6  | 4144  |
| 14.9 | 9.9  | 2267  |
| 0.7  | 0.0  | 692   |
| 0.1  | 0.0  | 2537  |
| 16.4 | 11.0 | 1724  |
| 17.9 | 14.5 | 2558  |
| 18.2 | 20.1 | 2804  |
| 0.0  | 0.0  | 2479  |
| 22.3 | 37.0 | 1277  |
| 0.0  | 0.0  | 2459  |
| 6.8  | 5.9  | 4127  |
| 2.9  | 3.3  | 8662  |
| 0.4  | 0.1  | 3240  |
| 0.5  | 0.2  | 4895  |
| 47.1 | 55.5 | 833   |
| 0.1  | 0.0  | 4107  |
| 0.0  | 0.0  | 434   |
| 0.5  | 0.1  | 1429  |
| 0.3  | 0.1  | 11730 |
| 3.0  | 1.3  | 4228  |
| 1.9  | 2.2  | 11496 |
| 19.5 | 7.7  | 9777  |
| 3.2  | 3.2  | 4807  |
| 21.9 | 11.8 | 2142  |
| 0.0  | 0.0  | 2345  |
| 1.4  | 1.9  | 5004  |
| 5.9  | 1.7  | 1753  |
| 10.1 | 8.9  | 3946  |
| 0.0  | 0.0  | 2624  |
| 0.2  | 0.1  | 3805  |
| 0.1  | 0.1  | 2431  |
| 6.6  | 3.9  | 2158  |
| 2.3  | 1.2  | 526   |

|       |       |       |
|-------|-------|-------|
| 133.7 | 148.6 | 1150  |
| 0.0   | 0.0   | 591   |
| 11.2  | 14.9  | 1482  |
| 0.5   | 0.0   | 1054  |
| 16.6  | 12.7  | 4368  |
| 1.5   | 1.7   | 2192  |
| 0.0   | 0.0   | 888   |
| 0.0   | 0.0   | 1102  |
| 0.3   | 0.0   | 4260  |
| 7.5   | 5.6   | 5430  |
| 1.1   | 0.2   | 4909  |
| 10.3  | 8.0   | 2900  |
| 0.3   | 0.1   | 4846  |
| 2.0   | 3.1   | 3631  |
| 2.2   | 1.6   | 6368  |
| 4.0   | 3.2   | 1641  |
| 0.0   | 0.0   | 27105 |
| 8.5   | 5.5   | 1379  |
| 32.5  | 27.5  | 3705  |
| 0.0   | 0.0   | 10408 |
| 28.9  | 25.3  | 3376  |
| 5.9   | 4.3   | 10798 |
| 2.4   | 2.4   | 23048 |
| 19.4  | 22.5  | 1294  |
| 10.6  | 17.9  | 832   |
| 6.2   | 5.1   | 739   |
| 50.0  | 54.7  | 1319  |
| 11.4  | 6.7   | 2671  |
| 1.7   | 0.2   | 3192  |
| 11.1  | 8.5   | 14164 |
| 5.9   | 5.6   | 8568  |
| 0.2   | 0.0   | 2977  |
| 9.2   | 2.4   | 1502  |
| 0.1   | 0.0   | 645   |
| 0.1   | 0.3   | 5065  |
| 0.9   | 0.5   | 9046  |
| 20.3  | 17.6  | 3025  |
| 0.1   | 0.0   | 1733  |
| 0.3   | 0.0   | 1620  |
| 4.7   | 1.7   | 997   |
| 0.4   | 0.2   | 2169  |
| 2.0   | 1.8   | 1471  |
| 0.2   | 0.0   | 1449  |
| 0.2   | 0.6   | 1972  |
| 3.4   | 1.0   | 1689  |
| 0.4   | 0.0   | 2204  |
| 5.6   | 3.7   | 1836  |

|       |       |       |
|-------|-------|-------|
| 0.2   | 0.0   | 2295  |
| 6.1   | 5.9   | 1319  |
| 2.1   | 0.9   | 3172  |
| 0.3   | 0.0   | 1623  |
| 0.1   | 0.0   | 662   |
| 8.0   | 1.9   | 2258  |
| 1.0   | 0.0   | 459   |
| 1.5   | 0.2   | 2250  |
| 0.1   | 0.0   | 1789  |
| 1.4   | 1.3   | 1946  |
| 0.0   | 0.1   | 2241  |
| 2.5   | 0.8   | 3815  |
| 13.1  | 14.7  | 8189  |
| 1.6   | 0.3   | 3995  |
| 31.7  | 32.9  | 2744  |
| 3.3   | 2.5   | 38985 |
| 32.2  | 33.4  | 1804  |
| 17.7  | 11.2  | 3877  |
| 0.1   | 0.0   | 1923  |
| 0.1   | 0.0   | 11245 |
| 10.5  | 3.5   | 6099  |
| 2.5   | 1.2   | 5708  |
| 0.0   | 0.0   | 3918  |
| 3.2   | 4.2   | 728   |
| 0.4   | 0.4   | 3745  |
| 0.1   | 0.0   | 4369  |
| 0.1   | 0.1   | 18131 |
| 6.8   | 7.7   | 6292  |
| 131.7 | 113.9 | 1636  |
| 26.5  | 20.5  | 3549  |
| 2.1   | 4.6   | 4214  |
| 9.0   | 6.3   | 5388  |
| 0.4   | 0.0   | 738   |
| 0.2   | 0.0   | 1795  |
| 0.0   | 0.0   | 4629  |
| 18.7  | 17.0  | 3858  |
| 19.8  | 19.3  | 3284  |
| 11.0  | 10.9  | 3129  |
| 0.1   | 0.0   | 4789  |
| 4.8   | 2.3   | 5431  |
| 8.2   | 7.3   | 3631  |
| 16.6  | 15.7  | 3263  |
| 2.9   | 2.8   | 5179  |
| 5.8   | 5.2   | 17306 |
| 0.3   | 0.2   | 1683  |
| 0.1   | 0.1   | 5282  |
| 3.1   | 2.0   | 2223  |

|      |      |       |
|------|------|-------|
| 0.0  | 0.0  | 9414  |
| 22.1 | 26.9 | 4304  |
| 25.6 | 23.6 | 4243  |
| 9.0  | 7.5  | 10938 |
| 3.8  | 2.3  | 4649  |
| 9.4  | 6.1  | 3505  |
| 1.9  | 1.9  | 2089  |
| 0.1  | 0.0  | 3913  |
| 2.8  | 0.3  | 672   |
| 4.0  | 2.6  | 4232  |
| 4.8  | 3.0  | 5412  |
| 0.5  | 0.6  | 4720  |
| 5.3  | 4.6  | 5740  |
| 0.1  | 0.0  | 2472  |
| 3.9  | 2.8  | 4894  |
| 4.2  | 11.5 | 1509  |
| 5.1  | 7.9  | 1566  |
| 0.1  | 0.2  | 1854  |
| 7.3  | 5.8  | 2991  |
| 4.7  | 4.5  | 4446  |
| 12.6 | 10.1 | 14750 |
| 2.3  | 1.7  | 1272  |
| 10.5 | 6.1  | 978   |
| 5.3  | 5.7  | 3481  |
| 4.8  | 3.7  | 12397 |
| 0.9  | 0.3  | 27923 |
| 3.0  | 3.9  | 11981 |
| 3.2  | 2.5  | 11452 |
| 6.7  | 8.8  | 44224 |
| 0.0  | 0.0  | 2299  |
| 14.3 | 12.7 | 10936 |
| 0.1  | 0.1  | 3678  |
| 16.4 | 23.4 | 1039  |
| 12.0 | 10.3 | 6061  |
| 19.8 | 10.8 | 5461  |
| 9.5  | 9.6  | 1590  |
| 14.1 | 12.2 | 7879  |
| 5.1  | 5.1  | 5804  |
| 4.4  | 3.0  | 6331  |
| 0.0  | 0.0  | 2459  |
| 14.9 | 8.7  | 4937  |
| 4.8  | 5.4  | 3674  |
| 0.1  | 0.1  | 3143  |
| 23.3 | 22.1 | 8787  |
| 2.0  | 2.3  | 5588  |
| 2.0  | 1.4  | 5537  |
| 35.8 | 22.8 | 2381  |

|       |       |       |
|-------|-------|-------|
| 7.9   | 7.2   | 1737  |
| 29.1  | 26.4  | 1006  |
| 21.6  | 20.4  | 4378  |
| 0.2   | 0.0   | 2405  |
| 0.4   | 0.3   | 3839  |
| 8.0   | 5.1   | 8103  |
| 1.7   | 1.8   | 9568  |
| 3.5   | 3.3   | 7912  |
| 6.6   | 4.1   | 1556  |
| 8.2   | 9.7   | 10744 |
| 0.0   | 0.1   | 10041 |
| 2.9   | 2.0   | 10242 |
| 11.6  | 10.7  | 1400  |
| 0.1   | 0.0   | 3745  |
| 28.0  | 27.4  | 7108  |
| 26.9  | 50.5  | 749   |
| 1.1   | 1.2   | 1924  |
| 15.4  | 12.3  | 15693 |
| 230.1 | 300.3 | 2509  |
| 2.1   | 1.1   | 2420  |
| 0.4   | 0.0   | 1745  |
| 0.1   | 0.0   | 4881  |
| 0.1   | 0.0   | 1725  |
| 1.4   | 1.1   | 8931  |
| 0.3   | 0.0   | 1222  |
| 0.1   | 0.0   | 1429  |
| 0.0   | 0.0   | 1485  |
| 3.2   | 3.6   | 8612  |
| 0.5   | 0.2   | 7642  |
| 0.0   | 0.0   | 8156  |
| 3.1   | 2.6   | 10080 |
| 17.2  | 18.0  | 1087  |
| 0.0   | 0.0   | 1161  |
| 0.1   | 0.0   | 1791  |
| 0.8   | 0.0   | 591   |
| 0.0   | 0.0   | 627   |
| 19.5  | 15.6  | 1662  |
| 0.3   | 0.1   | 2498  |
| 0.5   | 0.3   | 2671  |
| 0.0   | 0.0   | 1438  |
| 40.7  | 27.1  | 2391  |
| 1.0   | 0.6   | 4950  |
| 1.8   | 1.5   | 5057  |
| 21.7  | 19.2  | 2649  |
| 0.0   | 0.0   | 294   |
| 1.0   | 0.5   | 5275  |
| 0.8   | 0.3   | 1815  |



|       |       |       |
|-------|-------|-------|
| 4.6   | 4.3   | 6301  |
| 2.4   | 1.3   | 12308 |
| 4.3   | 2.5   | 1148  |
| 5.7   | 4.4   | 5234  |
| 3.6   | 2.6   | 11890 |
| 11.2  | 10.7  | 2175  |
| 4.1   | 3.4   | 2524  |
| 0.5   | 0.8   | 3522  |
| 0.6   | 0.4   | 6594  |
| 3.0   | 2.4   | 21045 |
| 0.2   | 0.0   | 2486  |
| 2.0   | 1.1   | 1973  |
| 5.3   | 3.5   | 5607  |
| 10.6  | 10.3  | 4349  |
| 0.5   | 0.7   | 3398  |
| 0.7   | 0.5   | 7565  |
| 1.3   | 0.4   | 8081  |
| 0.1   | 0.0   | 3759  |
| 17.5  | 28.0  | 885   |
| 0.0   | 0.0   | 3139  |
| 6.9   | 4.7   | 3010  |
| 0.1   | 0.0   | 4522  |
| 6.2   | 3.2   | 5907  |
| 43.1  | 52.7  | 4515  |
| 7.9   | 9.0   | 11461 |
| 0.2   | 0.0   | 2777  |
| 46.9  | 43.8  | 2751  |
| 0.1   | 0.0   | 1227  |
| 3.6   | 2.1   | 2579  |
| 93.6  | 76.0  | 2920  |
| 0.1   | 0.0   | 6138  |
| 120.3 | 103.1 | 2099  |
| 495.9 | 516.2 | 872   |
| 11.4  | 9.3   | 3207  |
| 89.5  | 90.7  | 1313  |
| 15.1  | 15.2  | 36570 |
| 6.9   | 4.0   | 13746 |
| 0.9   | 0.2   | 2525  |
| 6.5   | 4.2   | 4314  |
| 11.1  | 11.6  | 1778  |
| 7.7   | 8.2   | 1068  |
| 23.7  | 19.9  | 4201  |
| 0.0   | 0.0   | 1194  |
| 58.4  | 55.4  | 2437  |
| 0.1   | 0.0   | 1719  |
| 10.8  | 8.6   | 6821  |
| 0.1   | 0.0   | 7004  |

|       |       |       |
|-------|-------|-------|
| 11.9  | 12.5  | 3121  |
| 201.5 | 195.1 | 1265  |
| 16.7  | 19.2  | 1679  |
| 10.5  | 14.6  | 3475  |
| 0.1   | 0.0   | 7233  |
| 32.4  | 29.2  | 2572  |
| 1.9   | 1.7   | 6329  |
| 0.0   | 0.0   | 925   |
| 35.9  | 34.7  | 2088  |
| 4.2   | 2.7   | 2393  |
| 0.0   | 0.0   | 945   |
| 0.0   | 0.0   | 933   |
| 0.3   | 0.0   | 933   |
| 1.8   | 0.5   | 3313  |
| 0.0   | 0.0   | 507   |
| 0.1   | 0.0   | 942   |
| 46.5  | 37.6  | 1163  |
| 0.4   | 0.0   | 531   |
| 0.0   | 0.0   | 752   |
| 17.8  | 13.4  | 3970  |
| 20.6  | 46.0  | 1214  |
| 1.4   | 0.9   | 3551  |
| 0.2   | 0.2   | 2263  |
| 0.0   | 0.0   | 36880 |
| 0.0   | 0.0   | 566   |
| 17.5  | 14.1  | 3277  |
| 11.2  | 6.8   | 2275  |
| 0.1   | 0.0   | 1657  |
| 104.9 | 66.3  | 1895  |
| 0.2   | 0.1   | 5411  |
| 1.4   | 0.3   | 1223  |
| 19.0  | 16.1  | 3046  |
| 1.7   | 1.4   | 3252  |
| 5.9   | 6.2   | 4473  |
| 0.0   | 0.0   | 573   |
| 1.8   | 0.6   | 2520  |
| 123.6 | 149.7 | 981   |
| 0.1   | 0.0   | 1065  |
| 0.2   | 0.0   | 855   |
| 0.0   | 0.0   | 1083  |
| 1.9   | 0.9   | 1050  |
| 0.0   | 0.0   | 618   |
| 0.6   | 0.0   | 1041  |
| 33.1  | 37.6  | 900   |
| 13.0  | 5.1   | 3094  |
| 2.9   | 2.8   | 7121  |
| 0.0   | 0.0   | 508   |

|       |       |       |
|-------|-------|-------|
| 3.3   | 2.2   | 4062  |
| 5.3   | 3.9   | 2564  |
| 4.6   | 2.9   | 13584 |
| 8.0   | 14.6  | 4004  |
| 7.7   | 4.3   | 4001  |
| 49.4  | 31.0  | 1831  |
| 0.0   | 0.0   | 674   |
| 0.2   | 0.0   | 804   |
| 0.0   | 0.0   | 685   |
| 1.5   | 0.6   | 5825  |
| 13.4  | 16.0  | 3953  |
| 88.2  | 98.5  | 746   |
| 0.1   | 0.0   | 4931  |
| 292.3 | 359.0 | 2518  |
| 5.2   | 6.0   | 1979  |
| 0.0   | 0.0   | 3261  |
| 0.2   | 0.0   | 972   |
| 0.3   | 0.0   | 985   |
| 0.4   | 0.0   | 957   |
| 0.4   | 0.8   | 930   |
| 1.0   | 0.0   | 954   |
| 32.5  | 25.9  | 1059  |
| 16.4  | 23.4  | 838   |
| 2.5   | 2.1   | 2824  |
| 0.0   | 0.0   | 9343  |
| 1.6   | 0.7   | 5316  |
| 2.5   | 1.4   | 6139  |
| 0.0   | 0.0   | 1960  |
| 23.8  | 20.0  | 5355  |
| 0.0   | 0.0   | 551   |
| 0.0   | 0.0   | 573   |
| 0.1   | 0.0   | 4478  |
| 3.2   | 2.9   | 1712  |
| 235.5 | 208.8 | 1538  |
| 665.5 | 857.5 | 1260  |
| 10.9  | 8.9   | 2625  |
| 15.6  | 15.1  | 1281  |
| 1.9   | 2.2   | 3646  |
| 0.0   | 0.0   | 1019  |
| 26.7  | 11.7  | 1310  |
| 0.4   | 0.1   | 2228  |
| 26.7  | 24.6  | 3129  |
| 17.4  | 8.1   | 3008  |
| 17.2  | 18.8  | 2136  |
| 0.0   | 0.0   | 1637  |
| 38.9  | 29.0  | 2212  |
| 2.7   | 1.3   | 3350  |

|      |      |       |
|------|------|-------|
| 32.3 | 26.5 | 1853  |
| 8.7  | 6.9  | 2896  |
| 14.7 | 11.4 | 1675  |
| 0.1  | 0.0  | 826   |
| 0.8  | 0.1  | 1462  |
| 0.1  | 0.3  | 806   |
| 3.5  | 0.9  | 1780  |
| 0.0  | 0.0  | 1235  |
| 7.5  | 2.8  | 1808  |
| 3.1  | 3.7  | 1655  |
| 18.2 | 16.8 | 980   |
| 25.6 | 30.3 | 652   |
| 24.7 | 22.8 | 2065  |
| 0.0  | 0.0  | 1043  |
| 16.5 | 9.4  | 2200  |
| 10.0 | 12.2 | 1014  |
| 2.5  | 2.6  | 3070  |
| 1.1  | 1.5  | 3098  |
| 0.1  | 0.1  | 1382  |
| 0.2  | 0.0  | 420   |
| 3.7  | 1.2  | 2060  |
| 0.1  | 0.0  | 817   |
| 7.2  | 4.5  | 16751 |
| 0.1  | 0.0  | 996   |
| 0.0  | 0.0  | 945   |
| 0.3  | 0.0  | 855   |
| 0.0  | 0.0  | 927   |
| 58.7 | 41.3 | 1293  |
| 1.7  | 0.9  | 2800  |
| 0.5  | 0.0  | 942   |
| 0.4  | 0.0  | 930   |
| 0.3  | 0.0  | 963   |
| 0.1  | 0.0  | 939   |
| 0.0  | 0.0  | 954   |
| 0.2  | 0.0  | 975   |
| 0.2  | 0.0  | 936   |
| 0.2  | 0.0  | 975   |
| 0.0  | 0.0  | 957   |
| 0.0  | 0.0  | 939   |
| 0.5  | 0.0  | 969   |
| 0.1  | 0.0  | 936   |
| 0.5  | 0.0  | 939   |
| 0.0  | 0.0  | 5679  |
| 0.0  | 0.0  | 462   |
| 0.0  | 0.0  | 463   |
| 0.0  | 0.0  | 4177  |
| 6.0  | 6.7  | 2609  |

|       |       |      |
|-------|-------|------|
| 9.7   | 9.1   | 3163 |
| 7.6   | 12.7  | 1025 |
| 0.5   | 0.2   | 3795 |
| 0.0   | 0.0   | 1044 |
| 0.0   | 0.0   | 957  |
| 0.0   | 0.0   | 996  |
| 0.0   | 0.0   | 930  |
| 0.0   | 0.0   | 933  |
| 0.4   | 0.0   | 951  |
| 0.0   | 0.0   | 945  |
| 0.0   | 0.0   | 939  |
| 0.2   | 0.1   | 8230 |
| 0.0   | 0.0   | 677  |
| 10.2  | 4.0   | 1106 |
| 21.6  | 24.1  | 5593 |
| 3.2   | 1.3   | 9027 |
| 5.1   | 4.8   | 4968 |
| 0.3   | 0.0   | 2793 |
| 35.2  | 31.8  | 423  |
| 7.8   | 3.2   | 1524 |
| 81.4  | 90.8  | 894  |
| 345.4 | 272.2 | 595  |
| 0.0   | 0.0   | 466  |
| 23.4  | 23.4  | 1186 |
| 33.5  | 29.5  | 368  |
| 0.4   | 0.0   | 222  |
| 24.3  | 29.4  | 4880 |
| 0.4   | 0.1   | 1848 |
| 9.7   | 7.6   | 5458 |
| 8.6   | 7.5   | 1803 |
| 3.2   | 3.2   | 4448 |
| 290.2 | 235.7 | 1857 |
| 35.2  | 29.5  | 2287 |
| 17.6  | 35.6  | 1714 |
| 12.1  | 6.0   | 7054 |
| 2.0   | 2.1   | 1513 |
| 4.6   | 4.2   | 1626 |
| 0.9   | 0.0   | 517  |
| 2.6   | 1.7   | 3283 |
| 0.0   | 0.0   | 1581 |
| 1.1   | 0.3   | 702  |
| 8.8   | 9.5   | 5455 |
| 4.9   | 5.8   | 6276 |
| 0.3   | 0.0   | 1437 |
| 0.0   | 0.0   | 3123 |
| 6.3   | 4.2   | 5530 |
| 25.1  | 27.4  | 1475 |

|       |       |       |
|-------|-------|-------|
| 8.4   | 12.0  | 3278  |
| 60.5  | 61.2  | 1298  |
| 9.4   | 6.7   | 469   |
| 13.0  | 8.9   | 2290  |
| 0.1   | 0.0   | 2062  |
| 22.9  | 22.7  | 3344  |
| 1.0   | 1.4   | 7115  |
| 0.0   | 0.0   | 430   |
| 7.1   | 6.3   | 5885  |
| 2.4   | 2.1   | 7356  |
| 0.1   | 0.0   | 6137  |
| 2.9   | 2.4   | 23037 |
| 0.3   | 0.1   | 15524 |
| 11.0  | 13.9  | 1258  |
| 62.3  | 53.7  | 1674  |
| 7.6   | 4.6   | 2478  |
| 42.5  | 33.9  | 2682  |
| 6.7   | 6.2   | 1672  |
| 48.4  | 38.1  | 1068  |
| 11.9  | 13.1  | 2548  |
| 166.9 | 172.9 | 1926  |
| 28.0  | 21.2  | 2375  |
| 0.3   | 0.1   | 1852  |
| 0.0   | 0.0   | 689   |
| 3.3   | 2.1   | 2013  |
| 0.2   | 0.0   | 619   |
| 2.6   | 3.2   | 4353  |
| 0.0   | 0.0   | 840   |
| 7.9   | 5.0   | 1533  |
| 1.7   | 1.3   | 2120  |
| 3.0   | 1.3   | 2965  |
| 0.7   | 0.0   | 2573  |
| 44.3  | 41.4  | 11090 |
| 93.8  | 69.0  | 894   |
| 11.8  | 5.4   | 10439 |
| 13.2  | 7.8   | 4682  |
| 2.5   | 0.8   | 2678  |
| 6.7   | 8.2   | 2543  |
| 4.7   | 2.8   | 9949  |
| 0.0   | 0.0   | 10352 |
| 50.4  | 49.0  | 1256  |
| 0.3   | 0.0   | 1720  |
| 3.0   | 1.7   | 7273  |
| 4.9   | 4.7   | 1679  |
| 5.6   | 6.4   | 4242  |
| 0.0   | 0.4   | 484   |
| 0.0   | 0.0   | 5545  |

|      |      |       |
|------|------|-------|
| 0.3  | 0.0  | 2089  |
| 1.0  | 0.7  | 2238  |
| 26.7 | 20.5 | 2212  |
| 47.3 | 48.1 | 868   |
| 16.8 | 17.2 | 2063  |
| 7.8  | 4.6  | 3344  |
| 2.5  | 2.8  | 1853  |
| 47.4 | 38.7 | 1014  |
| 1.2  | 0.4  | 2233  |
| 10.0 | 5.2  | 1567  |
| 3.6  | 0.8  | 1323  |
| 14.9 | 9.2  | 3484  |
| 1.2  | 0.7  | 11063 |
| 9.5  | 8.4  | 5044  |
| 4.7  | 4.9  | 5458  |
| 2.9  | 2.7  | 11016 |
| 4.2  | 3.8  | 3073  |
| 0.4  | 0.1  | 2807  |
| 9.5  | 8.9  | 4670  |
| 9.1  | 4.5  | 774   |
| 20.6 | 18.9 | 3619  |
| 9.4  | 10.2 | 2360  |
| 0.0  | 0.0  | 1252  |
| 0.2  | 0.1  | 1789  |
| 5.5  | 2.9  | 1872  |
| 10.6 | 9.5  | 1279  |
| 0.2  | 0.0  | 933   |
| 0.3  | 0.0  | 1110  |
| 0.2  | 0.0  | 960   |
| 0.0  | 0.0  | 927   |
| 11.7 | 10.7 | 832   |
| 0.0  | 0.0  | 936   |
| 0.0  | 0.0  | 573   |
| 0.0  | 0.0  | 1801  |
| 0.3  | 0.6  | 7982  |
| 11.8 | 12.5 | 2731  |
| 9.4  | 11.2 | 10282 |
| 2.8  | 3.0  | 2434  |
| 0.0  | 0.0  | 1206  |
| 0.0  | 0.0  | 1206  |
| 7.2  | 6.1  | 3446  |
| 0.0  | 0.0  | 1238  |
| 22.0 | 10.7 | 1781  |
| 2.1  | 2.1  | 5505  |
| 23.1 | 18.2 | 1313  |
| 7.4  | 3.7  | 3892  |
| 1.2  | 0.5  | 3773  |

|       |       |       |
|-------|-------|-------|
| 0.1   | 0.0   | 951   |
| 4.3   | 2.3   | 3655  |
| 0.2   | 0.0   | 836   |
| 5.5   | 5.3   | 6874  |
| 14.7  | 10.2  | 6906  |
| 2.1   | 1.9   | 1504  |
| 33.3  | 24.3  | 1467  |
| 1.0   | 0.8   | 2453  |
| 172.4 | 166.9 | 2156  |
| 6.0   | 6.1   | 3543  |
| 0.4   | 0.0   | 2065  |
| 0.1   | 0.0   | 19909 |
| 8.5   | 8.6   | 3912  |
| 80.5  | 66.9  | 7825  |
| 2.4   | 1.1   | 3268  |
| 1.6   | 1.4   | 1532  |
| 0.0   | 0.0   | 1581  |
| 0.3   | 0.0   | 5182  |
| 0.5   | 0.7   | 4423  |
| 7.0   | 5.2   | 29771 |
| 7.6   | 6.7   | 9438  |
| 15.1  | 12.5  | 2005  |
| 1.3   | 1.7   | 5936  |
| 5.4   | 5.4   | 5412  |
| 13.7  | 10.8  | 3205  |
| 0.7   | 0.4   | 543   |
| 2.0   | 2.7   | 1987  |
| 12.8  | 18.9  | 1927  |
| 2.7   | 1.6   | 15733 |
| 0.0   | 0.0   | 933   |
| 0.0   | 0.0   | 2383  |
| 0.4   | 0.1   | 3010  |
| 0.0   | 0.0   | 898   |
| 1.9   | 1.0   | 14472 |
| 0.0   | 0.0   | 402   |
| 3.9   | 4.3   | 2833  |
| 12.7  | 12.1  | 1844  |
| 3.2   | 5.7   | 6145  |
| 15.9  | 17.2  | 4507  |
| 0.0   | 0.0   | 8565  |
| 30.9  | 41.8  | 1202  |
| 0.2   | 0.0   | 4054  |
| 40.0  | 42.7  | 3121  |
| 2.3   | 1.3   | 5043  |
| 15.9  | 16.4  | 5616  |
| 0.0   | 0.0   | 2124  |
| 24.7  | 24.4  | 1723  |



|      |      |       |
|------|------|-------|
| 5.8  | 3.1  | 5323  |
| 0.5  | 0.2  | 7133  |
| 0.1  | 0.0  | 3606  |
| 2.8  | 2.0  | 2268  |
| 1.7  | 0.1  | 1194  |
| 0.6  | 0.2  | 5615  |
| 7.3  | 8.7  | 6648  |
| 0.9  | 1.0  | 5117  |
| 7.2  | 4.8  | 8620  |
| 9.8  | 5.4  | 5128  |
| 2.8  | 1.5  | 6279  |
| 0.3  | 0.0  | 6180  |
| 3.1  | 2.4  | 4131  |
| 5.2  | 3.4  | 5197  |
| 0.1  | 0.1  | 6207  |
| 61.3 | 45.5 | 1184  |
| 3.6  | 3.6  | 11058 |
| 0.2  | 0.0  | 1858  |
| 8.0  | 6.1  | 1744  |
| 0.0  | 0.0  | 663   |
| 0.0  | 0.0  | 4588  |
| 2.4  | 1.7  | 17957 |
| 0.5  | 0.0  | 4955  |
| 6.4  | 4.6  | 6727  |
| 1.2  | 0.3  | 2422  |
| 7.7  | 11.4 | 2981  |
| 64.3 | 60.7 | 6511  |
| 7.7  | 6.5  | 4869  |
| 5.5  | 4.6  | 5752  |
| 0.8  | 0.1  | 1559  |
| 0.0  | 0.0  | 2054  |
| 4.6  | 4.1  | 4508  |
| 8.0  | 6.5  | 2653  |
| 0.7  | 0.5  | 1704  |
| 0.0  | 0.0  | 11853 |
| 10.1 | 8.1  | 4607  |
| 15.0 | 14.9 | 3449  |
| 17.5 | 8.0  | 4685  |
| 0.0  | 0.0  | 14382 |
| 12.7 | 8.7  | 3252  |
| 0.3  | 0.0  | 1968  |
| 1.0  | 0.2  | 2546  |
| 0.8  | 0.3  | 2032  |
| 0.1  | 0.0  | 7660  |
| 29.4 | 32.2 | 1324  |
| 3.1  | 3.6  | 5499  |
| 0.1  | 0.0  | 948   |

|      |      |       |
|------|------|-------|
| 6.0  | 3.4  | 3818  |
| 3.1  | 4.1  | 2145  |
| 16.2 | 19.6 | 1216  |
| 25.0 | 22.8 | 1588  |
| 0.0  | 0.0  | 939   |
| 0.2  | 0.1  | 2807  |
| 0.1  | 0.2  | 2100  |
| 0.0  | 0.0  | 6729  |
| 1.5  | 1.4  | 28872 |
| 68.0 | 47.3 | 6019  |
| 0.2  | 0.3  | 13118 |
| 1.4  | 0.3  | 1948  |
| 8.8  | 6.7  | 2941  |
| 0.0  | 0.0  | 3095  |
| 14.3 | 6.8  | 5250  |
| 1.1  | 0.8  | 6604  |
| 5.9  | 6.6  | 2575  |
| 0.5  | 0.4  | 1746  |
| 0.1  | 0.0  | 933   |
| 0.3  | 0.0  | 954   |
| 1.0  | 0.0  | 954   |
| 0.4  | 0.0  | 975   |
| 0.0  | 0.0  | 873   |
| 33.3 | 35.5 | 4261  |
| 0.2  | 0.0  | 562   |
| 33.7 | 31.0 | 3053  |
| 27.8 | 23.5 | 2856  |
| 0.4  | 0.2  | 464   |
| 21.7 | 19.6 | 2135  |
| 0.4  | 0.1  | 3582  |
| 25.4 | 25.8 | 8303  |
| 0.2  | 0.1  | 2838  |
| 0.8  | 0.0  | 3092  |
| 1.2  | 0.1  | 2475  |
| 0.2  | 0.0  | 1149  |
| 0.3  | 0.0  | 1020  |
| 3.8  | 1.8  | 1201  |
| 2.2  | 3.9  | 2657  |
| 6.3  | 4.2  | 3034  |
| 0.2  | 0.0  | 3712  |
| 0.0  | 0.0  | 2932  |
| 0.6  | 0.4  | 3097  |
| 5.5  | 1.2  | 888   |
| 0.3  | 0.1  | 942   |
| 0.2  | 0.0  | 942   |
| 0.2  | 0.0  | 936   |
| 0.0  | 0.0  | 930   |

|     |     |      |
|-----|-----|------|
| 0.0 | 0.0 | 951  |
| 0.0 | 0.0 | 945  |
| 0.3 | 0.0 | 930  |
| 0.2 | 0.0 | 936  |
| 0.3 | 0.0 | 1008 |
| 0.1 | 0.0 | 948  |
| 0.0 | 0.0 | 945  |
| 0.0 | 0.0 | 975  |
| 0.1 | 0.0 | 942  |
| 0.0 | 0.0 | 957  |
| 0.2 | 0.0 | 942  |
| 0.0 | 0.0 | 960  |
| 0.2 | 0.0 | 993  |
| 0.1 | 0.0 | 939  |
| 0.0 | 0.0 | 963  |
| 1.1 | 2.5 | 927  |
| 0.6 | 0.0 | 957  |
| 0.0 | 0.0 | 927  |
| 0.3 | 0.0 | 918  |
| 0.6 | 0.0 | 948  |
| 0.3 | 0.0 | 930  |
| 0.0 | 0.0 | 933  |
| 0.2 | 0.0 | 912  |
| 0.2 | 0.0 | 936  |
| 0.0 | 0.0 | 936  |
| 0.0 | 0.0 | 945  |
| 0.3 | 0.0 | 948  |
| 0.3 | 0.0 | 951  |
| 0.0 | 0.0 | 933  |
| 0.3 | 0.0 | 936  |
| 0.0 | 0.0 | 981  |
| 0.0 | 0.0 | 1023 |
| 0.0 | 0.0 | 975  |
| 0.0 | 0.0 | 939  |
| 0.0 | 0.0 | 1080 |
| 0.0 | 0.0 | 948  |
| 0.1 | 0.0 | 942  |
| 0.0 | 0.0 | 972  |
| 1.7 | 2.1 | 755  |
| 0.4 | 0.0 | 1068 |
| 0.2 | 0.0 | 969  |
| 0.0 | 0.0 | 993  |
| 1.1 | 0.0 | 978  |
| 0.0 | 0.0 | 936  |
| 0.4 | 0.0 | 978  |
| 0.1 | 0.0 | 939  |
| 0.4 | 0.0 | 912  |

|        |        |      |
|--------|--------|------|
| 0.3    | 0.0    | 957  |
| 0.3    | 0.0    | 996  |
| 0.2    | 0.0    | 981  |
| 0.0    | 0.0    | 1041 |
| 0.1    | 0.0    | 933  |
| 0.0    | 0.0    | 1008 |
| 0.1    | 0.0    | 954  |
| 0.0    | 0.0    | 993  |
| 0.0    | 0.0    | 954  |
| 0.4    | 0.0    | 939  |
| 0.2    | 0.0    | 939  |
| 0.0    | 0.0    | 1044 |
| 0.0    | 0.0    | 939  |
| 0.0    | 0.0    | 939  |
| 0.6    | 0.0    | 963  |
| 0.4    | 0.0    | 939  |
| 0.6    | 0.0    | 963  |
| 0.1    | 0.0    | 1047 |
| 0.3    | 0.0    | 948  |
| 0.9    | 0.0    | 945  |
| 0.3    | 0.0    | 990  |
| 0.1    | 0.0    | 930  |
| 0.0    | 0.0    | 936  |
| 0.4    | 0.0    | 936  |
| 0.1    | 0.0    | 945  |
| 0.0    | 0.0    | 945  |
| 0.1    | 0.0    | 933  |
| 0.0    | 0.0    | 1032 |
| 0.0    | 0.0    | 915  |
| 0.1    | 0.0    | 1089 |
| 0.1    | 0.0    | 939  |
| 0.1    | 0.0    | 948  |
| 0.0    | 0.0    | 924  |
| 0.2    | 0.0    | 936  |
| 0.0    | 0.0    | 1029 |
| 0.0    | 0.0    | 1065 |
| 29.3   | 26.2   | 1348 |
| 3.0    | 3.5    | 3805 |
| 3.2    | 3.1    | 3902 |
| 0.0    | 0.0    | 5776 |
| 27.3   | 18.1   | 2034 |
| 0.2    | 0.0    | 4799 |
| 1080.1 | 1186.8 | 683  |
| 0.1    | 0.0    | 1889 |
| 11.2   | 7.4    | 1694 |
| 0.0    | 0.0    | 939  |
| 0.0    | 0.0    | 942  |

|      |      |      |
|------|------|------|
| 0.0  | 0.0  | 960  |
| 0.8  | 0.0  | 966  |
| 0.1  | 0.0  | 963  |
| 0.0  | 0.0  | 939  |
| 0.2  | 0.0  | 939  |
| 0.4  | 0.0  | 972  |
| 0.0  | 0.0  | 978  |
| 0.3  | 0.0  | 930  |
| 0.0  | 0.0  | 945  |
| 0.5  | 0.0  | 936  |
| 0.0  | 0.0  | 939  |
| 0.0  | 0.0  | 939  |
| 0.1  | 0.0  | 939  |
| 1.4  | 0.1  | 2239 |
| 0.0  | 0.0  | 930  |
| 0.0  | 0.0  | 918  |
| 0.0  | 0.0  | 2084 |
| 0.0  | 0.0  | 954  |
| 0.1  | 0.0  | 975  |
| 0.2  | 0.0  | 1032 |
| 0.0  | 0.0  | 930  |
| 0.1  | 0.0  | 1038 |
| 0.0  | 0.0  | 981  |
| 0.0  | 0.0  | 933  |
| 0.0  | 0.0  | 1041 |
| 0.0  | 0.0  | 939  |
| 0.2  | 0.0  | 939  |
| 0.0  | 0.0  | 939  |
| 0.5  | 0.0  | 930  |
| 0.0  | 0.0  | 990  |
| 0.6  | 0.0  | 951  |
| 27.4 | 28.9 | 3749 |
| 0.0  | 0.0  | 985  |
| 0.8  | 0.2  | 939  |
| 0.0  | 0.0  | 939  |
| 3.2  | 2.3  | 5602 |
| 6.3  | 4.8  | 1981 |
| 9.8  | 7.8  | 1552 |
| 11.0 | 7.3  | 1833 |
| 0.6  | 0.0  | 1468 |
| 0.2  | 0.0  | 1040 |
| 21.2 | 20.8 | 3167 |
| 12.4 | 10.1 | 2012 |
| 1.1  | 0.0  | 500  |
| 0.5  | 0.0  | 1542 |
| 5.4  | 4.3  | 2983 |
| 1.2  | 0.6  | 1965 |

|      |      |      |
|------|------|------|
| 0.0  | 0.0  | 2285 |
| 0.0  | 0.2  | 1988 |
| 9.3  | 9.9  | 5035 |
| 0.1  | 0.0  | 3962 |
| 3.5  | 3.4  | 1977 |
| 0.3  | 0.1  | 3284 |
| 0.2  | 0.0  | 3422 |
| 0.6  | 0.3  | 9348 |
| 27.1 | 20.1 | 2666 |
| 0.0  | 0.0  | 2221 |
| 14.0 | 11.3 | 4116 |
| 6.0  | 6.1  | 4862 |
| 12.7 | 10.4 | 5899 |
| 0.4  | 0.0  | 930  |
| 0.0  | 0.0  | 975  |
| 0.2  | 0.0  | 936  |
| 0.0  | 0.0  | 945  |
| 0.1  | 0.0  | 981  |
| 0.2  | 0.0  | 966  |
| 0.0  | 0.0  | 1008 |
| 0.0  | 0.0  | 918  |
| 0.1  | 0.0  | 918  |
| 0.2  | 0.0  | 1035 |
| 0.1  | 0.0  | 972  |
| 0.0  | 0.0  | 987  |
| 0.7  | 0.0  | 975  |
| 0.2  | 0.0  | 954  |
| 0.1  | 0.0  | 951  |
| 0.0  | 0.0  | 936  |
| 0.3  | 0.0  | 927  |
| 0.2  | 0.0  | 963  |
| 0.1  | 0.0  | 1113 |
| 0.1  | 0.0  | 945  |
| 0.4  | 0.6  | 939  |
| 0.2  | 0.0  | 984  |
| 0.2  | 0.1  | 933  |
| 0.0  | 0.0  | 936  |
| 0.2  | 0.0  | 963  |
| 25.0 | 31.1 | 1651 |
| 0.0  | 0.0  | 1193 |
| 0.4  | 0.0  | 2005 |
| 0.1  | 0.1  | 2108 |
| 0.8  | 0.4  | 4290 |
| 3.0  | 2.7  | 2104 |
| 67.8 | 63.4 | 1787 |
| 18.6 | 25.9 | 3350 |
| 1.9  | 0.7  | 2723 |

|       |       |       |
|-------|-------|-------|
| 2.4   | 3.1   | 4412  |
| 0.0   | 0.1   | 8353  |
| 24.7  | 21.8  | 4024  |
| 0.0   | 0.3   | 936   |
| 0.0   | 0.0   | 942   |
| 0.1   | 0.0   | 942   |
| 0.2   | 0.0   | 930   |
| 0.0   | 0.0   | 939   |
| 0.4   | 0.0   | 930   |
| 0.0   | 0.0   | 933   |
| 1.5   | 1.7   | 5514  |
| 1.8   | 3.3   | 1769  |
| 14.2  | 13.0  | 3604  |
| 37.3  | 63.8  | 628   |
| 28.0  | 31.5  | 1856  |
| 2.0   | 2.0   | 1682  |
| 35.9  | 43.7  | 1177  |
| 19.1  | 24.2  | 964   |
| 4.5   | 2.0   | 2768  |
| 7.8   | 6.8   | 1613  |
| 11.1  | 9.3   | 2583  |
| 2.9   | 1.8   | 2814  |
| 1.6   | 1.9   | 1928  |
| 2.2   | 1.3   | 2551  |
| 0.0   | 0.0   | 942   |
| 0.0   | 0.0   | 2132  |
| 5.6   | 4.9   | 8475  |
| 0.6   | 0.3   | 4125  |
| 0.0   | 0.0   | 45638 |
| 13.5  | 14.8  | 5111  |
| 1.4   | 1.1   | 3821  |
| 0.6   | 0.7   | 4363  |
| 268.3 | 228.0 | 3981  |
| 7.4   | 4.2   | 5509  |
| 6.7   | 5.3   | 2845  |
| 60.8  | 60.9  | 5900  |
| 0.4   | 0.0   | 1700  |
| 10.2  | 6.2   | 1363  |
| 3.7   | 3.4   | 3210  |
| 6.8   | 7.7   | 2974  |
| 1.7   | 1.2   | 6594  |
| 0.4   | 0.0   | 2690  |
| 27.0  | 38.7  | 1194  |
| 11.0  | 7.5   | 2048  |
| 15.2  | 18.8  | 1145  |
| 1.1   | 2.4   | 2395  |
| 21.6  | 17.8  | 3074  |

|       |       |       |
|-------|-------|-------|
| 26.7  | 16.8  | 2457  |
| 200.0 | 163.5 | 951   |
| 66.1  | 57.5  | 5473  |
| 45.6  | 16.6  | 4830  |
| 0.1   | 0.0   | 1110  |
| 0.1   | 0.0   | 945   |
| 0.3   | 0.0   | 933   |
| 0.1   | 0.0   | 942   |
| 0.0   | 0.0   | 942   |
| 0.0   | 0.0   | 945   |
| 0.0   | 0.0   | 942   |
| 0.3   | 0.0   | 930   |
| 0.0   | 0.0   | 927   |
| 0.3   | 0.0   | 942   |
| 0.3   | 0.0   | 942   |
| 0.9   | 0.0   | 936   |
| 0.2   | 0.0   | 939   |
| 0.0   | 0.0   | 957   |
| 0.4   | 0.0   | 963   |
| 0.1   | 0.0   | 942   |
| 0.2   | 0.0   | 972   |
| 0.0   | 0.0   | 945   |
| 0.0   | 0.0   | 972   |
| 0.0   | 0.0   | 945   |
| 0.0   | 0.0   | 924   |
| 0.0   | 0.0   | 906   |
| 0.1   | 0.0   | 3814  |
| 0.0   | 0.0   | 939   |
| 0.1   | 0.0   | 930   |
| 0.1   | 0.0   | 987   |
| 0.0   | 0.0   | 942   |
| 0.0   | 0.0   | 945   |
| 0.0   | 0.0   | 978   |
| 0.2   | 0.0   | 945   |
| 0.3   | 0.0   | 1047  |
| 0.2   | 0.0   | 918   |
| 0.2   | 0.0   | 957   |
| 0.4   | 0.0   | 1038  |
| 0.0   | 0.0   | 942   |
| 7.8   | 5.0   | 3484  |
| 11.3  | 9.7   | 3714  |
| 7.7   | 3.0   | 6178  |
| 5.9   | 4.2   | 10428 |
| 9.3   | 9.0   | 9079  |
| 2.3   | 1.3   | 3031  |
| 10.5  | 10.6  | 4838  |
| 11.9  | 17.1  | 10077 |



|      |      |       |
|------|------|-------|
| 0.3  | 0.0  | 16176 |
| 0.2  | 0.0  | 2364  |
| 0.0  | 0.0  | 3504  |
| 0.7  | 0.7  | 12240 |
| 18.1 | 9.1  | 2371  |
| 35.5 | 43.2 | 1181  |
| 0.3  | 0.0  | 936   |
| 0.0  | 0.0  | 966   |
| 0.4  | 0.0  | 951   |
| 0.2  | 0.0  | 939   |
| 1.2  | 0.0  | 987   |
| 0.0  | 0.0  | 939   |
| 0.1  | 0.0  | 945   |
| 0.0  | 0.0  | 939   |
| 0.1  | 0.1  | 939   |
| 0.0  | 0.0  | 933   |
| 0.0  | 0.0  | 966   |
| 0.2  | 0.0  | 921   |
| 0.3  | 0.0  | 939   |
| 0.0  | 0.0  | 942   |
| 0.0  | 0.0  | 966   |
| 0.2  | 0.4  | 6746  |
| 0.0  | 0.0  | 939   |
| 0.0  | 0.0  | 3304  |
| 0.7  | 0.1  | 8665  |
| 15.6 | 41.1 | 1678  |
| 52.4 | 50.2 | 2855  |
| 67.7 | 45.6 | 4961  |
| 3.8  | 3.0  | 5015  |
| 6.8  | 4.3  | 4420  |
| 0.2  | 0.0  | 3940  |
| 10.9 | 5.8  | 3822  |
| 0.1  | 0.1  | 16038 |
| 0.1  | 0.0  | 4846  |
| 3.2  | 3.1  | 3689  |
| 1.5  | 1.0  | 5628  |
| 75.6 | 49.0 | 1067  |
| 9.0  | 10.5 | 3976  |
| 7.2  | 4.2  | 7063  |
| 7.6  | 5.2  | 2447  |
| 19.0 | 17.1 | 1810  |
| 7.1  | 6.7  | 4735  |
| 2.8  | 2.6  | 14234 |
| 27.1 | 15.4 | 4205  |
| 0.1  | 0.9  | 1166  |
| 10.3 | 6.7  | 1736  |
| 2.2  | 0.7  | 1838  |

|       |      |       |
|-------|------|-------|
| 34.8  | 13.0 | 3196  |
| 0.2   | 0.0  | 3172  |
| 31.6  | 24.0 | 1919  |
| 10.2  | 9.4  | 4851  |
| 1.1   | 0.4  | 7952  |
| 0.1   | 0.0  | 1398  |
| 0.0   | 0.0  | 1019  |
| 47.1  | 45.5 | 1197  |
| 0.0   | 0.2  | 939   |
| 2.7   | 1.4  | 13493 |
| 0.0   | 0.0  | 344   |
| 0.0   | 0.0  | 1346  |
| 0.0   | 0.0  | 1346  |
| 0.0   | 0.0  | 166   |
| 0.0   | 0.0  | 166   |
| 8.0   | 2.2  | 704   |
| 0.3   | 0.0  | 660   |
| 18.4  | 19.7 | 1599  |
| 3.0   | 0.9  | 2760  |
| 0.4   | 0.0  | 942   |
| 45.9  | 44.1 | 921   |
| 0.4   | 0.0  | 879   |
| 133.4 | 89.6 | 509   |
| 88.9  | 68.8 | 2233  |
| 0.0   | 0.0  | 3341  |
| 0.8   | 0.0  | 492   |
| 27.6  | 32.1 | 661   |
| 0.3   | 0.0  | 1503  |
| 0.1   | 0.1  | 3328  |
| 0.1   | 0.0  | 7100  |
| 0.6   | 0.3  | 607   |
| 4.2   | 4.8  | 17335 |
| 0.0   | 0.0  | 1027  |
| 41.3  | 38.1 | 8699  |
| 4.5   | 4.0  | 3997  |
| 1.5   | 1.7  | 2260  |
| 0.1   | 0.0  | 1473  |
| 4.5   | 2.9  | 2239  |
| 6.6   | 5.9  | 5975  |
| 11.5  | 8.2  | 3207  |
| 40.7  | 35.2 | 783   |
| 4.1   | 5.1  | 3447  |
| 5.9   | 8.4  | 10179 |
| 6.5   | 6.7  | 4812  |
| 0.2   | 0.0  | 1695  |
| 2.5   | 1.7  | 32607 |
| 4.5   | 3.9  | 2730  |

|      |      |       |
|------|------|-------|
| 11.5 | 10.4 | 3047  |
| 0.1  | 0.0  | 10948 |
| 13.1 | 9.1  | 4057  |
| 60.3 | 54.4 | 2060  |
| 0.6  | 0.2  | 3060  |
| 5.8  | 3.8  | 2272  |
| 8.0  | 2.3  | 1383  |
| 7.3  | 3.4  | 8519  |
| 4.9  | 2.0  | 3724  |
| 5.8  | 3.2  | 2516  |
| 2.1  | 1.9  | 6520  |
| 5.8  | 5.1  | 4866  |
| 0.1  | 0.0  | 5827  |
| 4.7  | 4.5  | 9440  |
| 0.0  | 0.0  | 20356 |
| 12.6 | 4.1  | 2757  |
| 23.6 | 14.3 | 6093  |
| 0.0  | 0.0  | 3659  |
| 6.8  | 8.1  | 5382  |
| 4.8  | 3.6  | 5862  |
| 4.2  | 2.3  | 3551  |
| 1.1  | 0.8  | 1496  |
| 1.1  | 0.8  | 1726  |
| 15.4 | 18.2 | 2268  |
| 2.3  | 2.2  | 9300  |
| 0.1  | 0.2  | 1091  |
| 0.4  | 0.2  | 1126  |
| 3.4  | 2.8  | 1210  |
| 1.2  | 0.8  | 1182  |
| 53.9 | 23.1 | 5383  |
| 10.7 | 11.8 | 6726  |
| 0.3  | 0.0  | 1875  |
| 23.6 | 13.5 | 6830  |
| 0.9  | 0.4  | 5528  |
| 1.5  | 1.2  | 6926  |
| 0.2  | 0.0  | 3144  |
| 0.4  | 0.0  | 894   |
| 0.1  | 0.0  | 4261  |
| 0.7  | 0.2  | 4415  |
| 26.4 | 19.9 | 2960  |
| 7.2  | 7.2  | 6447  |
| 2.4  | 1.6  | 4220  |
| 1.6  | 0.5  | 5767  |
| 7.6  | 12.4 | 4543  |
| 2.8  | 2.0  | 4654  |
| 2.7  | 1.7  | 2884  |
| 0.0  | 0.0  | 1613  |

|       |       |       |
|-------|-------|-------|
| 0.0   | 0.0   | 2553  |
| 9.9   | 9.2   | 7432  |
| 0.0   | 0.0   | 2657  |
| 0.6   | 0.4   | 6463  |
| 1.7   | 1.5   | 2160  |
| 0.0   | 0.0   | 941   |
| 2.8   | 1.6   | 5170  |
| 101.7 | 140.6 | 5222  |
| 5.8   | 6.5   | 1174  |
| 7.4   | 7.1   | 6311  |
| 9.0   | 9.7   | 11552 |
| 23.4  | 20.6  | 6280  |
| 4.0   | 3.0   | 4244  |
| 4.4   | 4.5   | 4534  |
| 2.6   | 2.0   | 3648  |
| 2.6   | 3.1   | 2296  |
| 16.6  | 7.3   | 3936  |
| 3.7   | 3.6   | 2389  |
| 4.3   | 2.1   | 10835 |
| 68.2  | 94.5  | 2902  |
| 13.4  | 11.1  | 11264 |
| 0.3   | 0.0   | 2945  |
| 4.7   | 3.0   | 3249  |
| 8.3   | 9.4   | 4418  |
| 4.0   | 1.7   | 7248  |
| 0.0   | 0.0   | 4650  |
| 1.5   | 1.2   | 4979  |
| 0.9   | 0.7   | 4875  |
| 5.3   | 4.2   | 6477  |
| 5.4   | 4.4   | 6792  |
| 8.9   | 6.6   | 8715  |
| 5.7   | 5.9   | 7207  |
| 12.7  | 7.4   | 5355  |
| 16.6  | 6.3   | 3061  |
| 0.3   | 0.1   | 2268  |
| 5.5   | 10.0  | 8727  |
| 21.7  | 20.4  | 1967  |
| 148.1 | 133.1 | 19923 |
| 47.0  | 32.1  | 791   |
| 11.5  | 9.7   | 1511  |
| 20.7  | 23.1  | 1946  |
| 0.2   | 0.1   | 5055  |
| 4.0   | 2.7   | 2773  |
| 0.7   | 0.5   | 10771 |
| 12.2  | 8.2   | 5494  |
| 2.6   | 1.2   | 5726  |
| 5.0   | 1.7   | 3114  |

|       |      |       |
|-------|------|-------|
| 26.1  | 27.4 | 2939  |
| 9.0   | 8.4  | 3215  |
| 10.7  | 7.3  | 2655  |
| 7.1   | 7.0  | 2702  |
| 26.1  | 29.4 | 10316 |
| 12.1  | 7.5  | 2482  |
| 0.1   | 0.0  | 2024  |
| 101.4 | 95.6 | 3778  |
| 0.5   | 0.1  | 4298  |
| 11.8  | 5.2  | 15700 |
| 1.5   | 0.4  | 3513  |
| 0.2   | 0.0  | 8453  |
| 0.0   | 0.0  | 732   |
| 0.6   | 0.4  | 2900  |
| 0.3   | 0.0  | 6762  |
| 0.3   | 0.0  | 1718  |
| 27.6  | 24.6 | 1877  |
| 0.0   | 0.0  | 11837 |
| 58.4  | 61.3 | 1303  |
| 3.8   | 2.0  | 1755  |
| 14.2  | 12.3 | 2682  |
| 0.2   | 0.0  | 6862  |
| 20.2  | 18.7 | 4369  |
| 7.0   | 6.3  | 2180  |
| 0.2   | 0.0  | 1523  |
| 0.1   | 0.1  | 1242  |
| 0.0   | 0.0  | 895   |
| 23.3  | 31.0 | 952   |
| 0.3   | 0.0  | 2531  |
| 0.1   | 0.1  | 1439  |
| 0.0   | 0.0  | 3910  |
| 0.1   | 0.0  | 915   |
| 18.9  | 16.4 | 4502  |
| 0.0   | 0.0  | 466   |
| 42.8  | 55.4 | 1245  |
| 7.0   | 4.2  | 5332  |
| 0.2   | 0.0  | 1123  |
| 43.5  | 37.7 | 1105  |
| 0.0   | 0.0  | 586   |
| 5.5   | 3.8  | 6526  |
| 8.1   | 7.0  | 3485  |
| 8.5   | 8.5  | 2632  |
| 25.3  | 32.8 | 2725  |
| 4.7   | 3.7  | 4732  |
| 0.1   | 0.0  | 3952  |
| 0.5   | 0.3  | 8892  |
| 32.6  | 27.1 | 2537  |

|       |       |       |
|-------|-------|-------|
| 0.0   | 0.0   | 44741 |
| 4.0   | 3.3   | 19745 |
| 27.5  | 29.5  | 1782  |
| 0.2   | 0.2   | 3332  |
| 16.6  | 13.6  | 3004  |
| 6.1   | 4.1   | 3599  |
| 4.9   | 4.2   | 14446 |
| 0.1   | 0.0   | 2678  |
| 14.9  | 13.0  | 4446  |
| 2.6   | 1.9   | 8511  |
| 231.8 | 219.9 | 2732  |
| 14.2  | 16.2  | 3407  |
| 0.1   | 0.2   | 3201  |
| 6.1   | 4.9   | 9470  |
| 3.0   | 2.6   | 10852 |
| 7.7   | 9.2   | 7569  |
| 0.0   | 0.0   | 1806  |
| 48.9  | 53.4  | 3533  |
| 0.4   | 0.0   | 1269  |
| 11.6  | 11.3  | 2106  |
| 17.6  | 21.2  | 2074  |
| 0.6   | 0.1   | 1665  |
| 1.2   | 0.7   | 2889  |
| 0.0   | 0.0   | 1881  |
| 0.0   | 0.0   | 1880  |
| 0.0   | 0.0   | 1881  |
| 0.3   | 0.0   | 1093  |
| 1.4   | 2.4   | 1116  |
| 1.5   | 2.5   | 1116  |
| 0.8   | 0.0   | 567   |
| 0.2   | 0.0   | 1639  |
| 0.0   | 0.0   | 5136  |
| 2.8   | 2.2   | 18088 |
| 11.1  | 8.3   | 6787  |
| 0.0   | 0.0   | 7891  |
| 11.6  | 8.4   | 4652  |
| 0.6   | 0.4   | 7223  |
| 0.1   | 0.0   | 2659  |
| 14.0  | 16.0  | 1181  |
| 0.7   | 1.0   | 2767  |
| 2.4   | 1.9   | 10777 |
| 1.1   | 2.7   | 760   |
| 5.5   | 3.0   | 4464  |
| 5.5   | 3.4   | 4237  |
| 77.0  | 68.1  | 1384  |
| 0.0   | 0.0   | 2278  |
| 0.7   | 0.6   | 3160  |

|      |       |       |
|------|-------|-------|
| 21.1 | 21.6  | 1646  |
| 0.1  | 0.0   | 8967  |
| 99.1 | 107.6 | 4267  |
| 13.5 | 12.7  | 3574  |
| 0.0  | 0.0   | 1853  |
| 8.3  | 3.8   | 7723  |
| 12.7 | 11.9  | 876   |
| 3.0  | 1.1   | 2695  |
| 26.0 | 25.2  | 1551  |
| 2.8  | 1.6   | 13881 |
| 2.7  | 2.4   | 14083 |
| 8.7  | 8.8   | 6469  |
| 8.8  | 5.5   | 6298  |
| 0.1  | 0.1   | 4046  |
| 15.4 | 13.4  | 7065  |
| 8.2  | 6.6   | 1946  |
| 15.6 | 10.1  | 13802 |
| 57.2 | 40.6  | 2564  |
| 16.6 | 7.3   | 5554  |
| 2.2  | 2.5   | 5576  |
| 0.1  | 0.0   | 3643  |
| 0.2  | 0.0   | 1838  |
| 0.1  | 0.1   | 1860  |
| 7.2  | 6.1   | 8466  |
| 20.5 | 10.8  | 5162  |
| 2.8  | 2.0   | 10092 |
| 2.9  | 2.7   | 8877  |
| 2.2  | 1.4   | 2629  |
| 8.6  | 5.4   | 26281 |
| 7.7  | 4.8   | 2861  |
| 1.8  | 1.0   | 10396 |
| 9.3  | 6.2   | 3866  |
| 12.1 | 8.0   | 4420  |
| 2.9  | 1.3   | 13969 |
| 0.0  | 0.0   | 4591  |
| 2.3  | 1.1   | 13703 |
| 0.1  | 0.0   | 9402  |
| 0.1  | 0.0   | 1853  |
| 0.6  | 0.4   | 1354  |
| 1.5  | 0.6   | 2808  |
| 1.6  | 1.3   | 5242  |
| 0.8  | 0.8   | 5651  |
| 0.7  | 0.1   | 2215  |
| 0.1  | 0.0   | 1901  |
| 3.1  | 1.9   | 10305 |
| 14.3 | 10.1  | 4499  |
| 0.0  | 0.0   | 8974  |

|        |        |      |
|--------|--------|------|
| 0.2    | 0.0    | 1217 |
| 5.6    | 2.3    | 2592 |
| 4.2    | 3.2    | 1901 |
| 23.3   | 19.9   | 2117 |
| 0.1    | 0.0    | 2167 |
| 0.3    | 0.0    | 1847 |
| 0.1    | 0.0    | 2057 |
| 19.2   | 17.9   | 1691 |
| 0.1    | 0.0    | 3603 |
| 0.9    | 2.5    | 838  |
| 0.5    | 0.4    | 2065 |
| 8.9    | 7.8    | 1140 |
| 0.1    | 0.0    | 1576 |
| 155.0  | 205.5  | 2869 |
| 6.6    | 6.1    | 2544 |
| 94.5   | 68.3   | 686  |
| 4.0    | 2.7    | 3398 |
| 1.6    | 0.8    | 755  |
| 66.8   | 91.6   | 577  |
| 7.5    | 5.6    | 1011 |
| 0.1    | 0.0    | 1372 |
| 12.5   | 10.0   | 3227 |
| 0.1    | 0.0    | 4050 |
| 20.4   | 14.2   | 1885 |
| 80.6   | 65.2   | 1752 |
| 25.4   | 22.8   | 4494 |
| 0.9    | 0.7    | 1599 |
| 0.3    | 0.1    | 2201 |
| 7.6    | 7.3    | 1675 |
| 39.1   | 24.9   | 1075 |
| 55.4   | 46.1   | 1435 |
| 3.9    | 2.8    | 2375 |
| 2.1    | 1.0    | 1216 |
| 1.7    | 0.5    | 2985 |
| 38.3   | 34.3   | 1007 |
| 0.0    | 0.0    | 2011 |
| 0.7    | 1.3    | 2418 |
| 0.0    | 0.0    | 2158 |
| 0.0    | 0.0    | 1403 |
| 1.7    | 1.6    | 3717 |
| 6.8    | 4.4    | 9571 |
| 0.0    | 0.0    | 1900 |
| 1253.2 | 3017.1 | 1245 |
| 2469.4 | 3125.3 | 889  |
| 0.1    | 0.0    | 3212 |
| 0.5    | 0.0    | 6162 |
| 16.0   | 17.5   | 4575 |



|      |      |       |
|------|------|-------|
| 2.9  | 2.7  | 13230 |
| 7.0  | 3.7  | 2347  |
| 0.0  | 0.0  | 452   |
| 0.3  | 0.1  | 8070  |
| 4.2  | 3.0  | 3928  |
| 3.5  | 2.7  | 5362  |
| 2.1  | 2.7  | 4055  |
| 3.5  | 6.9  | 1551  |
| 12.0 | 13.3 | 1834  |
| 30.6 | 12.1 | 2745  |
| 32.0 | 36.3 | 948   |
| 5.2  | 3.1  | 4467  |
| 0.5  | 0.1  | 2449  |
| 0.8  | 0.0  | 570   |
| 0.1  | 0.0  | 3082  |
| 0.0  | 0.1  | 4138  |
| 0.2  | 0.1  | 1240  |
| 16.6 | 8.2  | 1557  |
| 0.0  | 0.0  | 518   |
| 13.2 | 16.4 | 718   |
| 7.1  | 7.8  | 725   |
| 0.2  | 0.0  | 1627  |
| 3.1  | 2.4  | 3168  |
| 4.3  | 6.7  | 2368  |
| 6.5  | 5.7  | 5805  |
| 70.8 | 57.0 | 1396  |
| 9.2  | 7.1  | 6040  |
| 1.2  | 1.3  | 5039  |
| 19.8 | 12.9 | 3158  |
| 8.1  | 7.0  | 1649  |
| 6.1  | 5.2  | 8634  |
| 6.0  | 4.9  | 17573 |
| 0.2  | 0.2  | 4183  |
| 8.1  | 2.8  | 3237  |
| 0.1  | 0.0  | 3607  |
| 11.0 | 8.7  | 2797  |
| 20.7 | 18.9 | 3603  |
| 2.0  | 2.1  | 9015  |
| 4.7  | 7.6  | 1720  |
| 15.6 | 13.3 | 3290  |
| 0.4  | 0.4  | 1472  |
| 1.5  | 1.3  | 572   |
| 7.7  | 2.5  | 1897  |
| 0.2  | 0.4  | 1002  |
| 0.0  | 0.0  | 915   |
| 0.0  | 0.0  | 480   |
| 0.0  | 0.1  | 2355  |

|       |       |       |
|-------|-------|-------|
| 104.4 | 239.2 | 954   |
| 0.1   | 0.0   | 2371  |
| 0.2   | 0.0   | 882   |
| 0.4   | 0.0   | 3313  |
| 500.5 | 441.7 | 1771  |
| 0.0   | 0.0   | 795   |
| 2.1   | 0.7   | 3767  |
| 0.0   | 0.0   | 1186  |
| 11.5  | 5.4   | 3272  |
| 6.9   | 6.7   | 5518  |
| 1.1   | 1.4   | 10574 |
| 1.3   | 0.9   | 4000  |
| 2.5   | 1.5   | 5723  |
| 1.1   | 0.4   | 6289  |
| 0.0   | 0.1   | 1615  |
| 3.5   | 3.3   | 2475  |
| 11.9  | 26.6  | 3860  |
| 8.5   | 11.2  | 2387  |
| 26.8  | 14.0  | 1423  |
| 21.6  | 19.2  | 7532  |
| 1.3   | 0.8   | 7988  |
| 66.5  | 62.9  | 2298  |
| 0.1   | 0.0   | 1567  |
| 12.8  | 7.9   | 1987  |
| 32.4  | 23.2  | 2643  |
| 4.8   | 3.7   | 4757  |
| 0.2   | 0.0   | 2703  |
| 1.3   | 0.7   | 4627  |
| 2.8   | 2.8   | 1502  |
| 0.2   | 0.0   | 3401  |
| 16.4  | 17.4  | 10388 |
| 2.8   | 2.1   | 4042  |
| 3.7   | 3.1   | 3864  |
| 0.1   | 0.0   | 3183  |
| 1.3   | 1.3   | 2587  |
| 0.1   | 0.0   | 695   |
| 0.0   | 0.0   | 592   |
| 0.8   | 0.2   | 614   |
| 0.3   | 0.0   | 609   |
| 1.5   | 1.1   | 671   |
| 0.6   | 0.2   | 7361  |
| 1.8   | 1.4   | 9789  |
| 3.0   | 2.7   | 5387  |
| 1.7   | 1.3   | 10151 |
| 67.6  | 61.3  | 7219  |
| 10.4  | 7.9   | 6393  |
| 0.2   | 0.1   | 3501  |

|       |       |       |
|-------|-------|-------|
| 0.0   | 0.0   | 611   |
| 2.1   | 2.8   | 7303  |
| 0.3   | 0.0   | 2138  |
| 0.0   | 0.0   | 429   |
| 0.0   | 0.0   | 945   |
| 7.4   | 5.6   | 1854  |
| 105.1 | 104.5 | 1488  |
| 47.6  | 38.5  | 2685  |
| 6.6   | 4.6   | 1963  |
| 1.4   | 0.3   | 1953  |
| 0.0   | 0.0   | 918   |
| 2.4   | 1.5   | 5543  |
| 0.4   | 0.3   | 1463  |
| 16.5  | 12.3  | 2353  |
| 0.2   | 0.0   | 4161  |
| 0.1   | 0.0   | 1377  |
| 0.0   | 0.0   | 930   |
| 13.5  | 10.3  | 5640  |
| 57.9  | 69.4  | 1940  |
| 1.9   | 4.2   | 1383  |
| 0.6   | 0.7   | 2322  |
| 4.5   | 4.4   | 3252  |
| 48.7  | 41.2  | 4840  |
| 3.0   | 1.9   | 10622 |
| 0.9   | 1.0   | 4164  |
| 4.2   | 2.4   | 1587  |
| 34.6  | 29.9  | 1657  |
| 12.0  | 11.2  | 12502 |
| 8.3   | 25.4  | 937   |
| 9.1   | 5.0   | 2649  |
| 7.5   | 3.6   | 5775  |
| 0.1   | 0.0   | 808   |
| 0.0   | 0.2   | 1444  |
| 1.6   | 1.2   | 4285  |
| 4.8   | 4.6   | 2711  |
| 0.3   | 0.0   | 9623  |
| 0.4   | 0.5   | 1260  |
| 0.1   | 0.0   | 3649  |
| 0.3   | 0.0   | 664   |
| 0.1   | 0.0   | 1910  |
| 79.3  | 78.7  | 1319  |
| 5.9   | 1.7   | 4708  |
| 0.2   | 0.0   | 523   |
| 1.1   | 1.8   | 2025  |
| 0.0   | 0.0   | 545   |
| 3.5   | 2.9   | 1071  |
| 8.5   | 5.2   | 2252  |

|       |       |       |
|-------|-------|-------|
| 106.2 | 102.8 | 2277  |
| 0.1   | 0.0   | 1064  |
| 0.2   | 0.0   | 1093  |
| 0.0   | 0.0   | 842   |
| 0.1   | 0.0   | 1200  |
| 0.0   | 0.0   | 409   |
| 3.8   | 1.3   | 2638  |
| 0.0   | 0.0   | 851   |
| 0.0   | 0.0   | 1085  |
| 0.0   | 0.0   | 387   |
| 10.3  | 8.4   | 4548  |
| 0.9   | 1.1   | 3775  |
| 7.2   | 3.6   | 5099  |
| 2.1   | 1.9   | 6670  |
| 2.9   | 1.8   | 6533  |
| 0.3   | 0.0   | 2704  |
| 0.2   | 0.3   | 2276  |
| 51.9  | 41.6  | 1686  |
| 20.4  | 19.3  | 5288  |
| 62.2  | 53.3  | 5229  |
| 0.0   | 0.0   | 7512  |
| 3.4   | 4.4   | 5147  |
| 9.0   | 5.4   | 5260  |
| 3.2   | 3.6   | 8698  |
| 6.4   | 2.3   | 3718  |
| 4.1   | 3.6   | 4661  |
| 0.7   | 0.0   | 941   |
| 0.0   | 0.0   | 1055  |
| 0.4   | 0.0   | 1580  |
| 3.9   | 3.6   | 6100  |
| 6.1   | 5.1   | 3108  |
| 19.7  | 13.6  | 2011  |
| 7.9   | 5.4   | 4480  |
| 355.0 | 355.9 | 3403  |
| 0.3   | 0.0   | 1834  |
| 5.1   | 4.5   | 5281  |
| 0.1   | 0.0   | 1833  |
| 0.2   | 0.0   | 1640  |
| 1.6   | 1.5   | 4942  |
| 0.1   | 0.2   | 4760  |
| 1.5   | 0.9   | 3239  |
| 4.2   | 3.9   | 44461 |
| 2.2   | 1.0   | 24556 |
| 7.0   | 5.8   | 3678  |
| 3.3   | 3.1   | 4224  |
| 12.7  | 6.9   | 5106  |
| 0.5   | 0.7   | 2258  |

|      |      |       |
|------|------|-------|
| 3.8  | 2.6  | 7342  |
| 1.7  | 1.5  | 11570 |
| 5.3  | 5.7  | 17663 |
| 12.5 | 34.0 | 4647  |
| 40.7 | 25.1 | 3360  |
| 0.2  | 0.0  | 938   |
| 4.3  | 4.3  | 6516  |
| 5.3  | 4.5  | 13391 |
| 0.0  | 0.0  | 6884  |
| 0.0  | 0.0  | 3639  |
| 5.2  | 7.1  | 1700  |
| 0.2  | 0.2  | 1642  |
| 1.1  | 0.7  | 3286  |
| 18.1 | 21.0 | 3252  |
| 6.0  | 6.8  | 4865  |
| 8.3  | 5.0  | 3469  |
| 22.0 | 17.9 | 4457  |
| 5.5  | 3.5  | 3941  |
| 0.0  | 0.0  | 10303 |
| 11.5 | 11.1 | 12223 |
| 2.3  | 2.6  | 1738  |
| 0.0  | 0.0  | 485   |
| 0.2  | 0.0  | 1689  |
| 0.1  | 0.0  | 2929  |
| 13.4 | 2.3  | 3191  |
| 2.9  | 2.6  | 8771  |
| 43.9 | 39.9 | 4589  |
| 6.1  | 4.7  | 8611  |
| 4.7  | 4.7  | 2933  |
| 20.0 | 23.8 | 3812  |
| 16.4 | 12.3 | 1871  |
| 1.3  | 0.6  | 10134 |
| 11.9 | 16.0 | 6493  |
| 2.5  | 2.6  | 680   |
| 3.4  | 2.0  | 5228  |
| 0.1  | 0.0  | 6936  |
| 3.0  | 1.9  | 4095  |
| 0.0  | 0.0  | 740   |
| 1.3  | 0.5  | 10308 |
| 0.2  | 0.0  | 7128  |
| 0.7  | 0.3  | 2493  |
| 0.4  | 0.1  | 2100  |
| 2.5  | 1.9  | 1916  |
| 0.5  | 0.7  | 1246  |
| 28.0 | 25.8 | 1853  |
| 1.8  | 1.4  | 1394  |
| 1.8  | 1.9  | 7416  |

|      |      |       |
|------|------|-------|
| 0.1  | 0.0  | 1844  |
| 0.1  | 0.1  | 1425  |
| 0.1  | 0.2  | 3925  |
| 3.8  | 2.1  | 2292  |
| 3.0  | 2.0  | 3428  |
| 1.3  | 0.7  | 2716  |
| 15.5 | 12.4 | 800   |
| 0.2  | 0.0  | 9931  |
| 0.2  | 0.1  | 6720  |
| 6.7  | 6.3  | 5666  |
| 2.8  | 1.5  | 2358  |
| 1.5  | 1.4  | 1157  |
| 18.5 | 16.4 | 3722  |
| 5.9  | 3.9  | 2082  |
| 0.0  | 0.2  | 3073  |
| 0.0  | 0.0  | 1077  |
| 0.0  | 0.0  | 598   |
| 0.1  | 0.0  | 5626  |
| 7.9  | 5.2  | 6528  |
| 14.5 | 12.0 | 2656  |
| 0.0  | 0.0  | 1445  |
| 2.2  | 1.7  | 1135  |
| 0.1  | 0.0  | 1794  |
| 0.0  | 0.0  | 1492  |
| 11.7 | 9.1  | 4576  |
| 1.2  | 0.4  | 5307  |
| 2.9  | 2.1  | 5208  |
| 0.1  | 0.0  | 4884  |
| 6.5  | 6.2  | 12093 |
| 0.0  | 0.0  | 826   |
| 3.1  | 1.5  | 3589  |
| 13.1 | 11.3 | 7916  |
| 0.7  | 0.7  | 5956  |
| 17.1 | 9.2  | 4407  |
| 0.0  | 0.0  | 6769  |
| 21.1 | 15.6 | 2651  |
| 0.0  | 0.2  | 1277  |
| 0.2  | 0.0  | 1018  |
| 0.4  | 0.3  | 2772  |
| 0.1  | 0.1  | 32705 |
| 0.1  | 0.0  | 5181  |
| 0.6  | 0.6  | 20739 |
| 13.0 | 5.7  | 9281  |
| 0.0  | 0.0  | 12713 |
| 0.0  | 0.0  | 2592  |
| 9.2  | 8.0  | 1691  |
| 29.0 | 57.7 | 924   |

|       |       |       |
|-------|-------|-------|
| 7.3   | 5.8   | 2816  |
| 7.2   | 16.3  | 1263  |
| 11.1  | 10.4  | 1271  |
| 0.0   | 0.0   | 1135  |
| 3.2   | 1.1   | 3193  |
| 0.3   | 0.1   | 12747 |
| 0.0   | 0.0   | 561   |
| 0.1   | 0.0   | 3511  |
| 0.7   | 0.3   | 6709  |
| 0.0   | 0.0   | 751   |
| 105.4 | 83.6  | 3656  |
| 14.1  | 7.9   | 5935  |
| 0.3   | 0.1   | 3146  |
| 33.9  | 12.3  | 964   |
| 48.0  | 42.3  | 6284  |
| 0.1   | 0.0   | 1377  |
| 0.1   | 0.0   | 898   |
| 5.8   | 4.7   | 6117  |
| 114.2 | 132.4 | 1826  |
| 0.1   | 0.0   | 3964  |
| 5.3   | 4.4   | 14127 |
| 0.2   | 0.0   | 7152  |
| 0.2   | 0.0   | 1105  |
| 0.5   | 0.6   | 4009  |
| 1.1   | 0.6   | 5281  |
| 2.4   | 2.6   | 17850 |
| 33.4  | 55.2  | 2323  |
| 1.1   | 0.4   | 2412  |
| 7.1   | 6.5   | 7008  |
| 0.0   | 0.0   | 805   |
| 0.0   | 0.0   | 1359  |
| 0.3   | 0.0   | 1058  |
| 1.0   | 0.1   | 2065  |
| 0.4   | 0.2   | 670   |
| 2.1   | 1.5   | 1215  |
| 3.7   | 4.0   | 3443  |
| 10.0  | 5.2   | 6082  |
| 29.9  | 17.1  | 1593  |
| 0.3   | 0.0   | 1863  |
| 1.1   | 1.4   | 1407  |
| 96.9  | 98.7  | 6644  |
| 0.1   | 0.0   | 1842  |
| 0.2   | 0.2   | 579   |
| 0.1   | 0.0   | 691   |
| 0.0   | 0.0   | 651   |
| 0.3   | 0.3   | 2121  |
| 1.0   | 1.1   | 1190  |

|      |      |       |
|------|------|-------|
| 0.2  | 0.1  | 7684  |
| 2.6  | 2.6  | 7884  |
| 2.4  | 2.7  | 1909  |
| 0.1  | 0.0  | 981   |
| 0.0  | 0.0  | 960   |
| 0.2  | 0.0  | 918   |
| 0.2  | 0.0  | 951   |
| 0.2  | 0.0  | 930   |
| 0.0  | 0.0  | 2322  |
| 0.0  | 0.0  | 3897  |
| 56.7 | 39.5 | 5361  |
| 1.5  | 0.6  | 3167  |
| 5.3  | 2.8  | 4420  |
| 0.3  | 0.1  | 1318  |
| 3.8  | 2.3  | 5687  |
| 0.5  | 0.3  | 2686  |
| 3.5  | 0.7  | 2201  |
| 1.6  | 1.4  | 3421  |
| 0.0  | 0.0  | 1502  |
| 2.8  | 0.6  | 5603  |
| 0.1  | 0.0  | 11558 |
| 3.0  | 2.4  | 4373  |
| 5.3  | 2.9  | 6145  |
| 0.3  | 0.1  | 2639  |
| 47.0 | 40.0 | 9115  |
| 0.2  | 0.0  | 1885  |
| 11.6 | 8.1  | 7312  |
| 9.2  | 5.9  | 1815  |
| 0.2  | 0.0  | 2681  |
| 0.1  | 0.0  | 1855  |
| 0.0  | 0.0  | 8725  |
| 3.6  | 3.1  | 7210  |
| 0.0  | 0.0  | 1299  |
| 4.7  | 2.6  | 2895  |
| 0.0  | 0.0  | 1636  |
| 4.8  | 2.2  | 8732  |
| 0.2  | 0.0  | 9284  |
| 2.8  | 2.4  | 2116  |
| 0.4  | 0.6  | 4882  |
| 1.3  | 0.7  | 23383 |
| 5.3  | 5.7  | 4061  |
| 0.5  | 0.4  | 2187  |
| 0.1  | 0.0  | 6904  |
| 1.8  | 1.9  | 12237 |
| 0.3  | 0.0  | 1238  |
| 0.1  | 0.0  | 1215  |
| 1.1  | 0.2  | 8474  |



|       |       |       |
|-------|-------|-------|
| 1.1   | 0.5   | 4415  |
| 0.2   | 0.0   | 1320  |
| 0.4   | 0.0   | 4532  |
| 0.0   | 0.0   | 911   |
| 0.0   | 0.0   | 838   |
| 15.4  | 13.4  | 4771  |
| 12.0  | 8.3   | 5404  |
| 13.2  | 9.4   | 4343  |
| 1.0   | 0.9   | 7965  |
| 0.1   | 0.0   | 8266  |
| 0.0   | 0.0   | 4549  |
| 0.4   | 0.2   | 20629 |
| 1.3   | 1.1   | 20014 |
| 9.4   | 4.1   | 6541  |
| 0.4   | 0.0   | 1194  |
| 6.2   | 3.5   | 1330  |
| 0.1   | 0.0   | 2000  |
| 0.2   | 0.4   | 1660  |
| 0.1   | 0.0   | 4287  |
| 14.5  | 12.0  | 6241  |
| 43.9  | 45.5  | 1807  |
| 0.0   | 0.0   | 2800  |
| 5.6   | 5.2   | 847   |
| 0.1   | 0.0   | 1386  |
| 9.3   | 5.4   | 6063  |
| 0.0   | 0.0   | 1994  |
| 2.8   | 0.8   | 1108  |
| 0.1   | 0.0   | 1575  |
| 0.1   | 0.0   | 1520  |
| 0.3   | 0.3   | 1209  |
| 0.5   | 0.0   | 1422  |
| 0.7   | 0.0   | 1818  |
| 22.1  | 25.3  | 602   |
| 1.9   | 0.5   | 2143  |
| 0.0   | 0.0   | 2104  |
| 0.2   | 0.0   | 1299  |
| 4.0   | 0.5   | 3346  |
| 0.0   | 0.0   | 648   |
| 2.3   | 0.4   | 5065  |
| 5.1   | 2.6   | 2110  |
| 0.0   | 0.0   | 1098  |
| 0.6   | 0.6   | 3744  |
| 0.0   | 0.0   | 904   |
| 157.7 | 256.7 | 1038  |
| 10.8  | 7.9   | 3046  |
| 7.1   | 7.0   | 3739  |
| 1.6   | 0.8   | 15042 |

|       |      |       |
|-------|------|-------|
| 0.6   | 0.3  | 14310 |
| 2.9   | 2.4  | 5987  |
| 13.0  | 10.9 | 7859  |
| 1.8   | 0.7  | 1369  |
| 7.4   | 5.8  | 5317  |
| 0.0   | 0.0  | 3278  |
| 0.1   | 0.0  | 1340  |
| 2.7   | 3.8  | 1128  |
| 26.6  | 42.5 | 1497  |
| 6.1   | 3.7  | 3539  |
| 0.4   | 0.3  | 12911 |
| 0.0   | 0.0  | 2211  |
| 0.0   | 0.0  | 790   |
| 1.3   | 1.1  | 8680  |
| 0.0   | 0.0  | 2229  |
| 1.9   | 1.0  | 2262  |
| 0.8   | 0.3  | 4593  |
| 0.8   | 0.5  | 2478  |
| 9.7   | 7.4  | 1359  |
| 51.6  | 33.7 | 5021  |
| 2.7   | 2.3  | 7185  |
| 6.0   | 5.4  | 5258  |
| 38.7  | 31.2 | 2246  |
| 4.2   | 4.3  | 8185  |
| 0.1   | 0.1  | 711   |
| 0.3   | 0.0  | 3749  |
| 0.6   | 0.3  | 10747 |
| 11.2  | 7.8  | 5166  |
| 1.8   | 0.4  | 2976  |
| 29.6  | 27.6 | 3184  |
| 4.9   | 5.6  | 8274  |
| 27.6  | 22.8 | 1436  |
| 27.6  | 18.6 | 4498  |
| 7.3   | 8.3  | 1497  |
| 1.9   | 2.2  | 4774  |
| 1.1   | 0.5  | 12025 |
| 7.5   | 8.7  | 9435  |
| 0.6   | 0.2  | 1686  |
| 1.7   | 0.6  | 6181  |
| 133.3 | 99.7 | 2011  |
| 0.3   | 0.4  | 975   |
| 10.0  | 6.9  | 2166  |
| 14.5  | 17.5 | 5519  |
| 19.7  | 20.8 | 2251  |
| 0.3   | 0.0  | 6424  |
| 32.0  | 31.2 | 1633  |
| 2.6   | 2.4  | 13352 |

|      |      |       |
|------|------|-------|
| 0.2  | 0.1  | 1615  |
| 24.7 | 24.3 | 991   |
| 22.0 | 8.8  | 971   |
| 0.7  | 1.1  | 6201  |
| 0.0  | 0.0  | 1044  |
| 2.4  | 2.6  | 4143  |
| 42.5 | 36.3 | 1712  |
| 0.8  | 0.8  | 1912  |
| 8.2  | 7.1  | 4573  |
| 9.9  | 10.1 | 5018  |
| 27.2 | 24.0 | 3606  |
| 13.0 | 7.9  | 2099  |
| 14.7 | 15.2 | 5101  |
| 6.1  | 5.3  | 10542 |
| 0.2  | 0.2  | 4445  |
| 7.8  | 4.8  | 8550  |
| 4.1  | 5.9  | 1847  |
| 0.2  | 0.0  | 917   |
| 12.2 | 21.0 | 2608  |
| 0.5  | 0.4  | 6609  |
| 0.0  | 0.0  | 12860 |
| 0.7  | 0.6  | 8187  |
| 11.9 | 14.9 | 5595  |
| 0.3  | 0.1  | 3912  |
| 23.4 | 21.5 | 2944  |
| 3.8  | 2.7  | 2872  |
| 0.2  | 0.0  | 3615  |
| 2.9  | 1.5  | 7368  |
| 0.6  | 0.2  | 667   |
| 0.0  | 0.0  | 493   |
| 5.3  | 6.9  | 3472  |
| 0.1  | 0.0  | 742   |
| 0.8  | 0.4  | 6596  |
| 0.7  | 0.6  | 8577  |
| 9.3  | 4.7  | 8081  |
| 34.8 | 33.5 | 2995  |
| 12.4 | 11.3 | 3654  |
| 85.8 | 81.2 | 2372  |
| 0.4  | 0.4  | 7057  |
| 2.7  | 2.4  | 10651 |
| 8.4  | 5.3  | 2728  |
| 0.4  | 0.0  | 2613  |
| 7.0  | 3.7  | 6265  |
| 3.7  | 2.4  | 4725  |
| 0.7  | 0.5  | 6943  |
| 2.1  | 2.0  | 4923  |
| 9.7  | 11.9 | 1400  |

|      |      |       |
|------|------|-------|
| 1.3  | 0.8  | 3717  |
| 0.1  | 0.0  | 2049  |
| 1.0  | 0.7  | 6122  |
| 17.3 | 15.0 | 4888  |
| 10.6 | 5.8  | 4416  |
| 3.8  | 3.2  | 6079  |
| 0.0  | 0.0  | 5456  |
| 22.7 | 20.5 | 2989  |
| 0.2  | 0.0  | 1239  |
| 0.1  | 0.0  | 3506  |
| 3.8  | 2.4  | 4877  |
| 0.3  | 0.2  | 17217 |
| 0.0  | 0.0  | 3604  |
| 1.4  | 0.6  | 11113 |
| 19.8 | 11.4 | 5099  |
| 0.0  | 0.0  | 4681  |
| 0.0  | 0.0  | 774   |
| 1.2  | 2.0  | 1097  |
| 0.3  | 0.3  | 2342  |
| 0.6  | 0.3  | 7023  |
| 22.1 | 22.1 | 804   |
| 3.6  | 1.5  | 7830  |
| 0.3  | 0.0  | 1710  |
| 2.1  | 0.8  | 7331  |
| 5.9  | 5.1  | 2545  |
| 0.0  | 0.0  | 2543  |
| 7.2  | 6.5  | 3279  |
| 8.6  | 9.5  | 12499 |
| 47.7 | 25.4 | 2884  |
| 6.4  | 4.2  | 9308  |
| 1.5  | 1.1  | 1278  |
| 0.0  | 0.0  | 1008  |
| 1.2  | 0.5  | 2041  |
| 1.8  | 1.0  | 13007 |
| 14.1 | 10.6 | 6934  |
| 0.0  | 0.0  | 2256  |
| 3.9  | 2.7  | 5159  |
| 0.7  | 0.5  | 9844  |
| 13.2 | 8.3  | 4225  |
| 0.5  | 0.1  | 3485  |
| 5.8  | 3.4  | 5689  |
| 5.4  | 3.5  | 7733  |
| 0.0  | 0.0  | 1008  |
| 0.0  | 0.0  | 1008  |
| 14.9 | 12.7 | 3308  |
| 0.0  | 0.0  | 657   |
| 6.3  | 3.3  | 3969  |

|      |       |       |
|------|-------|-------|
| 0.4  | 0.0   | 1569  |
| 1.9  | 0.6   | 1633  |
| 1.0  | 0.7   | 4760  |
| 0.4  | 0.0   | 1668  |
| 0.4  | 0.0   | 1453  |
| 6.6  | 6.9   | 1732  |
| 0.8  | 0.9   | 4747  |
| 8.9  | 9.1   | 5206  |
| 12.4 | 9.7   | 4291  |
| 6.6  | 5.5   | 7564  |
| 0.4  | 0.0   | 2175  |
| 17.2 | 14.0  | 3209  |
| 22.7 | 26.1  | 1579  |
| 10.5 | 4.9   | 3258  |
| 6.5  | 6.5   | 3011  |
| 0.3  | 0.0   | 2162  |
| 58.6 | 57.2  | 5689  |
| 20.4 | 18.1  | 2487  |
| 0.1  | 0.0   | 662   |
| 58.7 | 154.2 | 566   |
| 0.2  | 0.0   | 5008  |
| 1.9  | 0.9   | 2078  |
| 13.0 | 12.6  | 1825  |
| 0.0  | 0.0   | 1419  |
| 0.1  | 0.0   | 1109  |
| 0.5  | 0.1   | 6817  |
| 0.3  | 0.0   | 918   |
| 0.1  | 0.0   | 3457  |
| 0.2  | 0.1   | 2649  |
| 1.2  | 0.3   | 3056  |
| 0.0  | 0.0   | 758   |
| 0.5  | 0.0   | 983   |
| 7.3  | 6.2   | 3964  |
| 2.0  | 1.9   | 1518  |
| 2.6  | 1.7   | 1922  |
| 3.7  | 2.6   | 774   |
| 0.7  | 0.2   | 539   |
| 0.2  | 0.6   | 517   |
| 0.5  | 0.0   | 348   |
| 0.0  | 0.0   | 2906  |
| 0.5  | 0.0   | 1011  |
| 0.5  | 0.0   | 1071  |
| 0.4  | 0.0   | 738   |
| 0.3  | 0.0   | 918   |
| 17.5 | 13.2  | 1546  |
| 4.0  | 2.3   | 10892 |
| 4.6  | 2.2   | 1242  |

|         |         |       |
|---------|---------|-------|
| 0.2     | 0.0     | 1682  |
| 17.4    | 7.7     | 4131  |
| 5.5     | 3.7     | 9182  |
| 1.3     | 2.0     | 14520 |
| 10.5    | 7.8     | 3608  |
| 0.1     | 0.0     | 4139  |
| 1.5     | 0.7     | 6866  |
| 4.9     | 2.7     | 5464  |
| 0.8     | 0.5     | 10759 |
| 14.8    | 13.8    | 1350  |
| 0.0     | 0.0     | 1287  |
| 0.7     | 1.1     | 2561  |
| 13.9    | 13.5    | 2981  |
| 2.0     | 2.0     | 4373  |
| 2.2     | 1.9     | 2303  |
| 39.3    | 11.4    | 577   |
| 0.2     | 0.0     | 1391  |
| 0.4     | 0.1     | 1255  |
| 4.8     | 3.1     | 7771  |
| 1.0     | 1.1     | 4396  |
| 1.9     | 3.9     | 1409  |
| 2.3     | 1.8     | 3923  |
| 5.2     | 5.5     | 7304  |
| 35.7    | 37.9    | 11294 |
| 5.5     | 2.2     | 3376  |
| 42.1    | 45.8    | 2856  |
| 0.4     | 0.0     | 2014  |
| 48.5    | 56.1    | 1273  |
| 0.1     | 0.2     | 1774  |
| 4.2     | 6.2     | 1486  |
| 4.2     | 5.3     | 713   |
| 83.6    | 101.2   | 884   |
| 0.8     | 0.0     | 594   |
| 0.3     | 0.0     | 594   |
| 0.0     | 0.0     | 5876  |
| 3.0     | 1.6     | 6046  |
| 0.0     | 0.0     | 819   |
| 25336.0 | 31984.8 | 341   |
| 4.8     | 2.9     | 4535  |
| 3.7     | 3.9     | 4405  |
| 0.0     | 0.1     | 6865  |
| 0.0     | 0.0     | 9853  |
| 6.9     | 6.2     | 2764  |
| 17.1    | 9.5     | 2093  |
| 9.8     | 4.4     | 7289  |
| 1.8     | 0.6     | 2354  |
| 5.7     | 4.7     | 4359  |

|      |      |       |
|------|------|-------|
| 4.4  | 2.9  | 10602 |
| 0.1  | 0.0  | 3499  |
| 0.1  | 0.1  | 1351  |
| 11.8 | 12.7 | 5532  |
| 16.4 | 11.3 | 1621  |
| 0.1  | 0.2  | 1849  |
| 3.1  | 0.9  | 4047  |
| 14.5 | 11.9 | 7580  |
| 4.5  | 3.4  | 7919  |
| 25.3 | 16.6 | 718   |
| 0.5  | 0.3  | 7208  |
| 0.6  | 0.2  | 1762  |
| 0.8  | 0.9  | 2446  |
| 0.7  | 0.3  | 3785  |
| 0.2  | 0.0  | 1685  |
| 2.2  | 0.6  | 917   |
| 7.9  | 5.5  | 2293  |
| 2.0  | 1.3  | 5244  |
| 60.1 | 55.8 | 1839  |
| 0.1  | 0.0  | 9660  |
| 13.2 | 11.1 | 3876  |
| 0.0  | 0.0  | 1632  |
| 49.5 | 43.2 | 1818  |
| 0.4  | 0.0  | 770   |
| 0.1  | 0.0  | 3268  |
| 0.0  | 0.0  | 589   |
| 5.4  | 4.4  | 19358 |
| 0.6  | 0.5  | 11938 |
| 0.0  | 0.0  | 4885  |
| 1.8  | 0.6  | 42697 |
| 21.0 | 18.1 | 26930 |
| 3.2  | 2.7  | 8111  |
| 0.1  | 0.0  | 835   |
| 21.6 | 17.5 | 10724 |
| 6.5  | 4.9  | 2798  |
| 1.3  | 1.4  | 2086  |
| 1.6  | 0.7  | 14258 |
| 4.1  | 1.8  | 5669  |
| 1.3  | 1.3  | 20475 |
| 0.1  | 0.0  | 6880  |
| 0.8  | 0.2  | 3652  |
| 3.4  | 3.7  | 3951  |
| 0.4  | 0.4  | 5185  |
| 0.5  | 0.0  | 1779  |
| 0.0  | 0.1  | 1779  |
| 0.6  | 0.1  | 2702  |
| 1.7  | 2.0  | 4603  |

|      |      |       |
|------|------|-------|
| 0.9  | 1.2  | 2526  |
| 15.3 | 15.2 | 1945  |
| 0.6  | 0.2  | 1972  |
| 4.7  | 2.6  | 5454  |
| 15.1 | 14.8 | 2248  |
| 0.3  | 0.3  | 4512  |
| 49.4 | 56.7 | 1059  |
| 6.1  | 3.6  | 2792  |
| 1.7  | 0.2  | 2640  |
| 2.2  | 1.6  | 96263 |
| 2.1  | 0.8  | 5895  |
| 9.3  | 7.7  | 10338 |
| 0.0  | 0.0  | 3842  |
| 7.2  | 5.0  | 7858  |
| 14.2 | 11.2 | 3302  |
| 0.1  | 0.0  | 3657  |
| 9.6  | 12.0 | 3605  |
| 7.0  | 6.7  | 1724  |
| 3.7  | 2.0  | 3023  |
| 33.4 | 33.9 | 7905  |
| 10.3 | 8.6  | 7133  |
| 6.1  | 5.0  | 2565  |
| 0.0  | 0.0  | 422   |
| 0.0  | 0.0  | 669   |
| 0.2  | 0.1  | 3348  |
| 1.8  | 1.5  | 13662 |
| 23.2 | 20.0 | 4255  |
| 0.0  | 0.0  | 1639  |
| 0.0  | 0.0  | 6732  |
| 2.7  | 0.7  | 1833  |
| 14.6 | 12.0 | 10826 |
| 0.2  | 0.0  | 3632  |
| 2.4  | 3.0  | 15747 |
| 0.0  | 0.0  | 4679  |
| 0.3  | 0.0  | 2624  |
| 0.2  | 0.0  | 976   |
| 0.3  | 0.1  | 4678  |
| 0.1  | 0.0  | 4281  |
| 0.2  | 0.2  | 8728  |
| 1.7  | 1.6  | 8537  |
| 8.4  | 3.3  | 7677  |
| 16.9 | 14.0 | 4962  |
| 5.6  | 7.8  | 2559  |
| 5.2  | 3.3  | 2440  |
| 85.5 | 65.9 | 9853  |
| 2.8  | 2.0  | 5621  |
| 5.5  | 4.3  | 2954  |



|       |       |       |
|-------|-------|-------|
| 0.0   | 0.1   | 5551  |
| 2.1   | 1.7   | 2936  |
| 79.2  | 112.0 | 1712  |
| 5.4   | 0.9   | 5215  |
| 0.5   | 0.3   | 16760 |
| 0.3   | 0.0   | 2164  |
| 2.4   | 0.5   | 2732  |
| 3.4   | 2.8   | 2028  |
| 0.0   | 0.0   | 537   |
| 1.0   | 1.3   | 2990  |
| 4.6   | 2.7   | 5811  |
| 3.8   | 3.3   | 4741  |
| 40.8  | 27.7  | 3060  |
| 0.0   | 0.0   | 3019  |
| 71.2  | 59.1  | 2115  |
| 0.8   | 1.1   | 26491 |
| 9.6   | 11.6  | 6184  |
| 0.3   | 0.0   | 2608  |
| 278.0 | 299.8 | 2120  |
| 7.4   | 3.5   | 4639  |
| 0.5   | 0.4   | 7365  |
| 1.0   | 0.4   | 6082  |
| 3.5   | 0.9   | 1649  |
| 2.3   | 0.9   | 6408  |
| 2.2   | 1.1   | 2433  |
| 14.0  | 11.6  | 3546  |
| 17.0  | 17.5  | 4187  |
| 3.6   | 3.8   | 9794  |
| 0.8   | 0.0   | 1355  |
| 0.7   | 0.6   | 4897  |
| 31.1  | 25.9  | 1746  |
| 2.7   | 3.8   | 2361  |
| 31.6  | 23.6  | 3810  |
| 1.5   | 1.0   | 3657  |
| 14.7  | 8.6   | 3355  |
| 9.4   | 5.0   | 4491  |
| 757.0 | 826.1 | 1753  |
| 0.2   | 0.1   | 5010  |
| 5.8   | 5.3   | 7147  |
| 1.0   | 0.0   | 1637  |
| 0.2   | 0.0   | 3419  |
| 29.9  | 37.9  | 1568  |
| 1.8   | 0.9   | 10389 |
| 0.1   | 0.0   | 1417  |
| 0.9   | 0.6   | 1101  |
| 0.7   | 0.3   | 1150  |
| 2.6   | 0.5   | 4992  |

|       |       |       |
|-------|-------|-------|
| 289.9 | 301.2 | 1591  |
| 0.5   | 0.1   | 4040  |
| 0.0   | 0.1   | 2845  |
| 13.2  | 7.9   | 12301 |
| 248.2 | 238.8 | 2156  |
| 0.0   | 0.0   | 1769  |
| 27.7  | 23.5  | 5744  |
| 0.0   | 0.0   | 996   |
| 0.3   | 0.2   | 1096  |
| 0.1   | 0.0   | 1075  |
| 0.0   | 0.0   | 3417  |
| 2.1   | 2.9   | 1669  |
| 1.9   | 1.4   | 12434 |
| 0.0   | 0.0   | 10481 |
| 0.4   | 0.4   | 1360  |
| 0.0   | 0.0   | 3357  |
| 0.1   | 0.0   | 940   |
| 2.4   | 2.4   | 5718  |
| 0.2   | 0.0   | 1719  |
| 0.0   | 0.0   | 3890  |
| 628.8 | 931.4 | 748   |
| 1.7   | 0.7   | 10634 |
| 50.9  | 49.8  | 4957  |
| 5.8   | 3.2   | 7403  |
| 0.2   | 0.0   | 1725  |
| 14.0  | 10.5  | 1621  |
| 7.5   | 3.2   | 6457  |
| 0.4   | 0.4   | 720   |
| 0.5   | 0.0   | 3341  |
| 4.0   | 4.0   | 7982  |
| 2.4   | 3.4   | 1665  |
| 0.2   | 0.0   | 6576  |
| 0.0   | 0.0   | 5369  |
| 0.0   | 0.0   | 1935  |
| 33.5  | 24.7  | 6214  |
| 25.4  | 19.5  | 3932  |
| 239.7 | 305.1 | 154   |
| 0.0   | 0.0   | 523   |
| 19.8  | 21.0  | 2815  |
| 5.6   | 5.0   | 5457  |
| 3.7   | 1.6   | 2604  |
| 0.3   | 0.0   | 6047  |
| 0.4   | 0.1   | 16289 |
| 0.0   | 0.0   | 6925  |
| 1.8   | 2.5   | 2163  |
| 0.1   | 0.0   | 6072  |
| 3.2   | 1.6   | 3349  |

|       |       |       |
|-------|-------|-------|
| 0.2   | 0.0   | 1165  |
| 3.2   | 2.5   | 4891  |
| 1.2   | 0.6   | 3193  |
| 55.9  | 38.9  | 3019  |
| 1.7   | 1.2   | 16661 |
| 153.6 | 149.3 | 149   |
| 526.1 | 493.8 | 133   |
| 257.9 | 476.1 | 134   |
| 0.2   | 0.0   | 945   |
| 0.0   | 0.0   | 862   |
| 0.0   | 0.0   | 4458  |
| 27.6  | 30.8  | 2079  |
| 0.0   | 0.0   | 686   |
| 0.3   | 0.0   | 2523  |
| 53.8  | 71.1  | 3910  |
| 4.5   | 4.3   | 9918  |
| 7.5   | 6.4   | 2980  |
| 2.8   | 1.5   | 7303  |
| 38.8  | 37.4  | 10440 |
| 3.8   | 5.1   | 2403  |
| 9.3   | 13.9  | 2698  |
| 0.0   | 0.0   | 683   |
| 26.8  | 15.4  | 3286  |
| 0.1   | 0.2   | 1757  |
| 3.0   | 2.4   | 7261  |
| 8.5   | 7.4   | 3056  |
| 0.6   | 0.1   | 1662  |
| 6.3   | 8.6   | 1618  |
| 50.8  | 49.2  | 1235  |
| 1.9   | 0.7   | 1235  |
| 1.0   | 0.1   | 1401  |
| 0.0   | 0.0   | 1113  |
| 0.0   | 0.0   | 930   |
| 0.1   | 0.0   | 939   |
| 0.5   | 1.8   | 705   |
| 3.8   | 1.7   | 2149  |
| 1.9   | 1.4   | 7889  |
| 18.5  | 20.1  | 6834  |
| 16.3  | 12.6  | 2573  |
| 0.1   | 0.0   | 1742  |
| 0.0   | 0.0   | 1339  |
| 14.1  | 7.6   | 4785  |
| 16.2  | 18.4  | 1605  |
| 0.0   | 0.0   | 2589  |
| 10.5  | 6.8   | 4057  |
| 8.1   | 5.7   | 3393  |
| 0.0   | 0.0   | 894   |

|        |        |       |
|--------|--------|-------|
| 0.0    | 0.1    | 733   |
| 0.2    | 0.1    | 1628  |
| 1.0    | 0.2    | 5901  |
| 3.0    | 2.0    | 12251 |
| 0.1    | 0.3    | 2282  |
| 1058.4 | 1567.8 | 962   |
| 293.9  | 246.9  | 2264  |
| 588.0  | 498.5  | 930   |
| 6.0    | 4.6    | 4276  |
| 0.1    | 0.0    | 5231  |
| 1.2    | 1.1    | 1908  |
| 0.9    | 0.1    | 1589  |
| 0.1    | 0.1    | 3198  |
| 2.1    | 1.0    | 9117  |
| 7.7    | 3.7    | 4668  |
| 1.9    | 1.0    | 3485  |
| 0.1    | 0.1    | 21470 |
| 36.2   | 43.1   | 1666  |
| 0.1    | 0.0    | 5865  |
| 0.0    | 0.0    | 3428  |
| 5.6    | 5.6    | 5850  |
| 5.7    | 2.3    | 2352  |
| 9.8    | 8.1    | 1316  |
| 11.4   | 7.7    | 6678  |
| 24.2   | 20.1   | 6416  |
| 3.0    | 1.7    | 16369 |
| 11.8   | 9.4    | 1276  |
| 13.0   | 11.0   | 2495  |
| 0.5    | 0.3    | 2291  |
| 5.9    | 5.2    | 1052  |
| 40.4   | 38.6   | 7587  |
| 2.9    | 1.5    | 3426  |
| 10.9   | 8.3    | 7229  |
| 1.8    | 1.2    | 8946  |
| 0.1    | 0.2    | 8313  |
| 4.2    | 5.7    | 5057  |
| 0.2    | 0.0    | 3005  |
| 13.0   | 8.2    | 7115  |
| 14.5   | 8.0    | 9535  |
| 1.2    | 0.6    | 2852  |
| 0.3    | 0.0    | 3438  |
| 0.0    | 0.0    | 694   |
| 0.5    | 0.0    | 1157  |
| 0.0    | 0.0    | 2446  |
| 3.0    | 1.4    | 4687  |
| 0.3    | 0.2    | 4112  |
| 5.6    | 4.6    | 4427  |

|       |       |      |
|-------|-------|------|
| 2.6   | 1.9   | 4767 |
| 3.6   | 1.5   | 8630 |
| 0.8   | 0.6   | 947  |
| 0.0   | 0.0   | 2888 |
| 4.8   | 3.0   | 3396 |
| 0.1   | 0.1   | 2410 |
| 4.4   | 3.1   | 2975 |
| 21.1  | 14.0  | 4952 |
| 5.1   | 6.9   | 7984 |
| 6.1   | 3.5   | 4173 |
| 0.1   | 0.0   | 9675 |
| 0.0   | 0.0   | 1205 |
| 0.0   | 0.0   | 737  |
| 13.3  | 11.2  | 3556 |
| 0.1   | 0.0   | 1596 |
| 3.2   | 2.4   | 4219 |
| 733.8 | 625.3 | 532  |
| 715.8 | 701.9 | 755  |
| 0.0   | 0.0   | 910  |
| 523.6 | 559.8 | 745  |
| 546.2 | 510.7 | 753  |
| 9.0   | 7.3   | 1720 |
| 3.7   | 4.5   | 4108 |
| 8.2   | 1.0   | 1732 |
| 0.3   | 0.1   | 4199 |
| 12.3  | 8.3   | 6611 |
| 4.4   | 3.7   | 4611 |
| 42.2  | 38.7  | 3332 |
| 1.5   | 1.1   | 2581 |
| 3.4   | 2.0   | 468  |
| 0.3   | 0.0   | 596  |
| 0.1   | 0.0   | 984  |
| 0.5   | 0.3   | 7237 |
| 8.0   | 12.9  | 2193 |
| 0.3   | 0.0   | 745  |
| 0.5   | 0.6   | 1139 |
| 0.0   | 0.0   | 3821 |
| 0.3   | 0.0   | 2921 |
| 1.8   | 0.1   | 725  |
| 0.2   | 0.1   | 6412 |
| 457.8 | 688.5 | 531  |
| 2.6   | 0.0   | 73   |
| 24.8  | 8.6   | 133  |
| 0.0   | 0.0   | 906  |
| 28.8  | 43.1  | 7182 |
| 0.9   | 0.1   | 757  |
| 0.5   | 0.0   | 1001 |

|        |       |       |
|--------|-------|-------|
| 18.6   | 1.4   | 76    |
| 0.0    | 0.0   | 4239  |
| 756.1  | 876.6 | 603   |
| 1040.5 | 937.5 | 418   |
| 13.3   | 11.4  | 3580  |
| 1.5    | 0.0   | 63    |
| 2.5    | 1.4   | 939   |
| 194.6  | 315.0 | 699   |
| 57.1   | 56.3  | 863   |
| 0.1    | 0.0   | 1497  |
| 0.4    | 0.0   | 1980  |
| 43.0   | 27.8  | 2644  |
| 283.2  | 386.9 | 401   |
| 0.2    | 0.0   | 4266  |
| 0.1    | 0.0   | 11948 |
| 32.0   | 19.9  | 2440  |
| 3.2    | 4.0   | 2268  |
| 6.1    | 8.0   | 8618  |
| 798.6  | 553.7 | 1035  |
| 390.2  | 384.2 | 1042  |
| 393.9  | 624.5 | 511   |
| 140.0  | 147.0 | 3325  |
| 205.2  | 155.5 | 1037  |
| 15.4   | 20.1  | 3614  |
| 6.0    | 4.2   | 13691 |
| 33.8   | 27.8  | 11502 |
| 0.3    | 0.0   | 1460  |
| 22.1   | 31.3  | 1480  |
| 0.2    | 0.1   | 1958  |
| 6.9    | 5.9   | 8502  |
| 1.9    | 1.6   | 4949  |
| 15.9   | 8.2   | 2853  |
| 1.1    | 1.2   | 2628  |
| 10.3   | 5.7   | 7777  |
| 30.1   | 21.9  | 100   |
| 0.0    | 0.0   | 70    |
| 0.0    | 3.4   | 62    |
| 1.3    | 3.0   | 70    |
| 0.0    | 0.0   | 67    |
| 0.1    | 0.0   | 5260  |
| 2.6    | 1.2   | 19205 |
| 0.0    | 0.0   | 2820  |
| 1.2    | 1.6   | 8397  |
| 9.3    | 5.7   | 1329  |
| 0.1    | 0.0   | 2010  |
| 5.0    | 1.7   | 13147 |
| 1.2    | 1.3   | 2402  |

|        |        |       |
|--------|--------|-------|
| 0.0    | 0.0    | 665   |
| 230.3  | 263.1  | 4543  |
| 2.2    | 0.6    | 13786 |
| 3.8    | 3.2    | 2632  |
| 6.9    | 7.2    | 3531  |
| 0.3    | 0.1    | 1558  |
| 0.0    | 0.0    | 1865  |
| 33.5   | 51.0   | 498   |
| 0.7    | 0.3    | 685   |
| 0.0    | 0.0    | 1839  |
| 717.6  | 658.1  | 866   |
| 1.1    | 0.5    | 7699  |
| 7.5    | 7.0    | 75    |
| 14.4   | 18.9   | 72    |
| 4.5    | 2.1    | 19896 |
| 0.0    | 0.0    | 666   |
| 1311.1 | 1702.5 | 482   |
| 4.8    | 4.5    | 6278  |
| 0.2    | 0.0    | 2053  |
| 820.9  | 843.9  | 1870  |
| 207.0  | 156.7  | 1608  |
| 0.6    | 0.3    | 2698  |
| 0.2    | 0.0    | 2723  |
| 420.7  | 440.3  | 719   |
| 13.1   | 5.8    | 72    |
| 0.7    | 0.4    | 6870  |
| 0.4    | 0.7    | 3449  |
| 0.8    | 0.3    | 1719  |
| 1.5    | 0.7    | 3486  |
| 0.1    | 0.0    | 5504  |
| 87.3   | 94.1   | 983   |
| 104.9  | 82.7   | 1303  |
| 4.6    | 1.8    | 3184  |
| 0.2    | 0.0    | 2216  |
| 5.8    | 3.8    | 3886  |
| 0.0    | 0.0    | 777   |
| 0.2    | 0.0    | 951   |
| 3.4    | 3.9    | 10463 |
| 0.7    | 0.0    | 822   |
| 14.5   | 10.8   | 7525  |
| 0.3    | 0.1    | 2766  |
| 0.0    | 0.0    | 4548  |
| 3.4    | 0.4    | 10694 |
| 51.3   | 49.0   | 2473  |
| 0.2    | 0.1    | 2438  |
| 0.7    | 0.9    | 922   |
| 0.1    | 0.1    | 1521  |

|      |      |       |
|------|------|-------|
| 1.4  | 0.3  | 1029  |
| 1.6  | 1.5  | 4344  |
| 0.6  | 0.2  | 3565  |
| 2.5  | 1.7  | 5211  |
| 6.2  | 5.4  | 2671  |
| 4.2  | 2.6  | 3055  |
| 33.6 | 39.3 | 1030  |
| 0.0  | 0.0  | 454   |
| 0.1  | 0.0  | 4289  |
| 1.6  | 1.5  | 10429 |
| 0.2  | 0.1  | 10759 |
| 0.3  | 0.3  | 8206  |
| 27.5 | 31.4 | 3824  |
| 68.9 | 52.3 | 2194  |
| 0.3  | 0.0  | 2362  |
| 11.6 | 10.0 | 1053  |
| 0.4  | 0.1  | 5164  |
| 6.4  | 4.4  | 7085  |
| 0.8  | 0.9  | 8584  |
| 13.6 | 12.9 | 2990  |
| 0.8  | 0.8  | 2272  |
| 0.0  | 0.0  | 1074  |
| 5.9  | 4.8  | 4809  |
| 4.4  | 4.3  | 2435  |
| 6.6  | 6.6  | 5127  |
| 4.8  | 5.5  | 2737  |
| 1.6  | 0.9  | 14465 |
| 11.7 | 10.4 | 11412 |
| 11.0 | 5.2  | 3927  |
| 14.5 | 10.9 | 3572  |
| 6.8  | 5.4  | 8219  |
| 0.2  | 0.0  | 1048  |
| 0.2  | 0.2  | 1479  |
| 0.6  | 0.1  | 1479  |
| 7.4  | 4.8  | 571   |
| 1.1  | 1.1  | 3059  |
| 0.0  | 0.0  | 998   |
| 0.1  | 0.0  | 1647  |
| 0.4  | 0.0  | 3522  |
| 0.0  | 0.0  | 1828  |
| 0.1  | 0.0  | 1629  |
| 0.2  | 0.0  | 1510  |
| 0.9  | 0.0  | 2237  |
| 0.1  | 0.0  | 3816  |
| 9.1  | 8.9  | 2974  |
| 65.0 | 88.6 | 931   |
| 64.8 | 61.4 | 3670  |



|      |      |       |
|------|------|-------|
| 2.2  | 1.8  | 3447  |
| 1.3  | 0.7  | 3127  |
| 2.3  | 2.6  | 2165  |
| 0.0  | 0.0  | 785   |
| 0.0  | 0.0  | 934   |
| 2.7  | 2.5  | 16627 |
| 6.4  | 5.1  | 8712  |
| 0.0  | 0.0  | 7262  |
| 3.8  | 4.2  | 4575  |
| 0.0  | 0.0  | 2446  |
| 2.9  | 1.7  | 2834  |
| 1.6  | 0.7  | 7944  |
| 8.3  | 8.5  | 2583  |
| 0.5  | 0.3  | 1794  |
| 2.0  | 2.0  | 7331  |
| 0.9  | 0.3  | 2503  |
| 17.5 | 13.3 | 4777  |
| 8.1  | 7.7  | 4243  |
| 40.4 | 37.0 | 1769  |
| 0.0  | 0.0  | 201   |
| 33.6 | 30.7 | 13635 |
| 12.0 | 5.2  | 2632  |
| 0.9  | 0.9  | 4718  |
| 0.2  | 0.0  | 9309  |
| 17.4 | 6.9  | 2409  |
| 17.6 | 16.5 | 5408  |
| 12.7 | 12.1 | 3911  |
| 0.5  | 0.0  | 1633  |
| 6.8  | 4.8  | 1828  |
| 0.9  | 0.4  | 3540  |
| 65.8 | 41.5 | 2242  |
| 2.3  | 2.3  | 4786  |
| 2.7  | 1.5  | 5774  |
| 3.4  | 2.8  | 4464  |
| 3.7  | 2.5  | 3523  |
| 15.0 | 12.5 | 7797  |
| 2.1  | 1.3  | 4742  |
| 1.0  | 0.6  | 8574  |
| 0.0  | 0.0  | 2387  |
| 0.1  | 0.0  | 2000  |
| 6.4  | 3.4  | 6524  |
| 10.7 | 5.5  | 3838  |
| 5.4  | 3.0  | 70    |
| 5.8  | 4.8  | 65    |
| 10.5 | 13.1 | 72    |
| 0.0  | 13.8 | 68    |
| 12.7 | 3.1  | 67    |

|      |      |       |
|------|------|-------|
| 2.5  | 1.4  | 75    |
| 31.4 | 8.4  | 75    |
| 1.7  | 0.3  | 14797 |
| 3.1  | 2.2  | 3277  |
| 1.4  | 0.5  | 3816  |
| 18.0 | 18.9 | 2960  |
| 1.5  | 0.0  | 628   |
| 0.0  | 0.0  | 10048 |
| 0.2  | 0.0  | 9288  |
| 9.8  | 8.0  | 1351  |
| 4.5  | 5.9  | 4552  |
| 3.3  | 3.3  | 22077 |
| 30.7 | 22.0 | 5896  |
| 0.0  | 0.0  | 3540  |
| 14.5 | 10.6 | 3021  |
| 11.4 | 9.0  | 4728  |
| 25.9 | 25.4 | 2466  |
| 5.2  | 7.5  | 7432  |
| 0.5  | 0.0  | 1795  |
| 0.1  | 0.0  | 13505 |
| 13.0 | 7.5  | 2542  |
| 0.1  | 0.3  | 1911  |
| 0.3  | 0.1  | 2012  |
| 0.1  | 0.0  | 17730 |
| 0.1  | 0.0  | 1206  |
| 0.9  | 1.0  | 2682  |
| 1.6  | 0.8  | 5723  |
| 0.1  | 0.0  | 1793  |
| 0.9  | 0.3  | 1490  |
| 2.0  | 2.0  | 5665  |
| 1.3  | 0.7  | 2245  |
| 0.5  | 0.0  | 1885  |
| 6.0  | 5.4  | 7415  |
| 0.1  | 0.0  | 1147  |
| 0.0  | 0.0  | 4997  |
| 7.8  | 5.5  | 4278  |
| 0.3  | 0.0  | 1667  |
| 19.3 | 23.6 | 2864  |
| 18.7 | 13.1 | 4525  |
| 6.7  | 7.3  | 6310  |
| 4.6  | 4.4  | 6910  |
| 26.4 | 36.5 | 716   |
| 2.1  | 1.1  | 9611  |
| 0.4  | 0.4  | 4688  |
| 0.0  | 0.0  | 11382 |
| 9.4  | 15.6 | 983   |
| 5.0  | 3.1  | 2255  |

|       |       |       |
|-------|-------|-------|
| 1.5   | 1.7   | 1555  |
| 1.3   | 1.0   | 5728  |
| 19.9  | 18.8  | 1596  |
| 5.4   | 5.5   | 5525  |
| 3.2   | 2.8   | 9430  |
| 0.8   | 0.5   | 12815 |
| 23.3  | 25.3  | 2027  |
| 30.6  | 25.5  | 14773 |
| 0.1   | 0.3   | 9394  |
| 0.7   | 0.3   | 15836 |
| 0.6   | 0.3   | 3262  |
| 0.4   | 0.0   | 2430  |
| 8.4   | 11.6  | 4349  |
| 15.8  | 16.7  | 5496  |
| 0.3   | 0.0   | 4959  |
| 14.1  | 7.0   | 4208  |
| 21.2  | 19.2  | 3300  |
| 21.6  | 21.8  | 5390  |
| 27.6  | 34.8  | 2172  |
| 0.1   | 0.2   | 1969  |
| 7.0   | 6.9   | 6157  |
| 1.6   | 0.8   | 1329  |
| 4.8   | 2.3   | 4523  |
| 8.6   | 5.2   | 6886  |
| 0.3   | 0.0   | 2674  |
| 363.5 | 360.0 | 2549  |
| 28.3  | 34.3  | 4574  |
| 1.6   | 1.2   | 2163  |
| 1.2   | 0.7   | 15240 |
| 0.8   | 0.6   | 2779  |
| 4.0   | 3.2   | 9991  |
| 0.0   | 0.0   | 709   |
| 36.0  | 33.5  | 1084  |
| 0.2   | 0.0   | 1584  |
| 7.0   | 6.1   | 11389 |
| 10.5  | 6.1   | 3689  |
| 14.3  | 9.1   | 3334  |
| 0.2   | 0.0   | 477   |
| 12.4  | 6.0   | 4894  |
| 2.9   | 5.8   | 1451  |
| 0.0   | 0.0   | 1070  |
| 0.6   | 0.2   | 7385  |
| 0.0   | 0.0   | 1101  |
| 116.6 | 91.3  | 1890  |
| 0.3   | 0.0   | 939   |
| 1.0   | 2.2   | 386   |
| 0.2   | 0.0   | 487   |

|       |       |       |
|-------|-------|-------|
| 2.7   | 2.4   | 1954  |
| 0.1   | 0.0   | 1991  |
| 0.8   | 0.5   | 1960  |
| 39.3  | 44.0  | 1733  |
| 45.1  | 42.1  | 1439  |
| 0.8   | 0.3   | 1247  |
| 27.5  | 21.2  | 1308  |
| 7.6   | 6.7   | 8469  |
| 0.1   | 0.0   | 4935  |
| 14.4  | 14.8  | 6028  |
| 7.8   | 5.3   | 4261  |
| 4.4   | 2.3   | 4015  |
| 4.7   | 5.1   | 4467  |
| 2.8   | 1.9   | 5154  |
| 73.9  | 63.1  | 2504  |
| 10.2  | 11.4  | 1535  |
| 0.8   | 0.9   | 2127  |
| 23.5  | 28.5  | 2397  |
| 0.4   | 0.1   | 3109  |
| 14.6  | 12.1  | 5661  |
| 0.0   | 0.0   | 2524  |
| 11.0  | 6.3   | 11068 |
| 7.0   | 3.7   | 9208  |
| 19.0  | 18.9  | 2575  |
| 0.0   | 0.0   | 1942  |
| 0.2   | 0.0   | 528   |
| 122.5 | 151.3 | 612   |
| 0.0   | 0.0   | 1242  |
| 0.0   | 0.0   | 264   |
| 4.2   | 1.2   | 3013  |
| 1.5   | 0.9   | 2141  |
| 1.5   | 0.5   | 1774  |
| 2.7   | 2.8   | 1798  |
| 94.9  | 78.9  | 1900  |
| 2.4   | 1.5   | 2870  |
| 8.6   | 7.6   | 2309  |
| 21.3  | 24.4  | 1479  |
| 27.5  | 30.3  | 2484  |
| 0.2   | 0.0   | 1952  |
| 2.9   | 3.7   | 1990  |
| 2.8   | 0.7   | 5378  |
| 1.9   | 1.2   | 11989 |
| 27.4  | 16.9  | 4165  |
| 38.1  | 34.9  | 2592  |
| 68.6  | 68.1  | 1326  |
| 21.9  | 15.2  | 4431  |
| 101.6 | 97.0  | 3522  |

|       |       |       |
|-------|-------|-------|
| 0.2   | 0.0   | 5437  |
| 64.7  | 78.5  | 5624  |
| 37.6  | 32.6  | 2805  |
| 187.3 | 157.9 | 4304  |
| 0.3   | 0.2   | 1931  |
| 8.5   | 3.9   | 7839  |
| 0.0   | 0.0   | 7200  |
| 0.3   | 0.0   | 1823  |
| 2.5   | 0.8   | 4759  |
| 8.7   | 0.0   | 65    |
| 91.9  | 9.9   | 126   |
| 5.7   | 0.0   | 66    |
| 0.0   | 0.0   | 72    |
| 355.5 | 251.2 | 133   |
| 0.2   | 0.0   | 2676  |
| 0.2   | 0.0   | 1645  |
| 5.2   | 1.5   | 2301  |
| 8.3   | 5.7   | 3237  |
| 74.9  | 88.2  | 1628  |
| 96.9  | 134.7 | 552   |
| 4.3   | 1.5   | 5837  |
| 0.1   | 0.0   | 4271  |
| 22.8  | 18.7  | 4931  |
| 170.2 | 152.6 | 130   |
| 225.6 | 181.8 | 139   |
| 2.1   | 4.0   | 132   |
| 21.4  | 5.5   | 132   |
| 5.4   | 0.0   | 70    |
| 2.4   | 0.0   | 80    |
| 0.0   | 0.0   | 70    |
| 241.8 | 340.5 | 134   |
| 28.4  | 19.9  | 63    |
| 99.7  | 14.5  | 137   |
| 3.6   | 0.8   | 132   |
| 41.9  | 29.0  | 72    |
| 730.4 | 190.3 | 135   |
| 19.0  | 16.3  | 615   |
| 5.8   | 4.1   | 5242  |
| 0.0   | 0.0   | 42919 |
| 307.8 | 436.7 | 1790  |
| 75.1  | 78.2  | 1332  |
| 5.6   | 6.7   | 4950  |
| 24.9  | 14.5  | 72    |
| 50.8  | 50.5  | 3357  |
| 0.0   | 0.0   | 1063  |
| 37.4  | 19.4  | 2552  |
| 0.1   | 0.0   | 1572  |

|        |        |       |
|--------|--------|-------|
| 0.0    | 0.0    | 330   |
| 876.0  | 781.2  | 594   |
| 520.6  | 808.1  | 979   |
| 677.2  | 730.1  | 514   |
| 94.4   | 74.4   | 1921  |
| 235.1  | 242.7  | 582   |
| 584.3  | 585.6  | 579   |
| 808.6  | 925.0  | 602   |
| 226.0  | 299.1  | 1010  |
| 1537.0 | 1975.6 | 475   |
| 0.0    | 0.0    | 5591  |
| 0.0    | 0.0    | 13938 |
| 0.4    | 0.3    | 7976  |
| 0.9    | 0.3    | 1812  |
| 0.6    | 0.3    | 7800  |
| 0.3    | 0.2    | 5663  |
| 11.6   | 11.5   | 7804  |
| 0.1    | 0.0    | 2252  |
| 0.3    | 0.2    | 2020  |
| 660.3  | 762.1  | 1586  |
| 1228.4 | 1279.5 | 434   |
| 352.9  | 441.0  | 787   |
| 298.0  | 345.9  | 511   |
| 45.7   | 37.2   | 1316  |
| 4.8    | 1.0    | 5271  |
| 9.4    | 9.7    | 7794  |
| 13.7   | 15.0   | 2274  |
| 15.6   | 17.6   | 1019  |
| 0.7    | 0.1    | 4837  |
| 0.2    | 0.4    | 13026 |
| 6.7    | 4.4    | 11007 |
| 0.8    | 0.6    | 1309  |
| 3.8    | 2.4    | 2634  |
| 75.5   | 105.9  | 985   |
| 0.1    | 0.0    | 2540  |
| 66.6   | 31.3   | 9648  |
| 2.9    | 2.3    | 3150  |
| 4.4    | 2.2    | 7676  |
| 0.0    | 0.0    | 2472  |
| 5.9    | 4.0    | 2229  |
| 2.7    | 1.4    | 1603  |
| 0.1    | 0.7    | 1004  |
| 8.8    | 7.6    | 3427  |
| 0.8    | 0.8    | 6222  |
| 1.8    | 1.6    | 3413  |
| 22.9   | 26.8   | 2774  |
| 0.3    | 0.2    | 15459 |

|       |       |       |
|-------|-------|-------|
| 10.9  | 10.4  | 4495  |
| 0.3   | 0.3   | 1836  |
| 4.3   | 3.6   | 1602  |
| 5.8   | 3.9   | 6035  |
| 0.0   | 0.0   | 843   |
| 24.9  | 18.6  | 11191 |
| 15.2  | 13.3  | 5823  |
| 5.1   | 2.3   | 8522  |
| 1.8   | 0.7   | 8993  |
| 7.3   | 9.1   | 13722 |
| 0.7   | 1.0   | 6113  |
| 10.1  | 9.1   | 3035  |
| 5.8   | 4.3   | 2659  |
| 11.0  | 10.4  | 5074  |
| 130.5 | 103.6 | 1982  |
| 1.2   | 1.0   | 19904 |
| 19.5  | 16.4  | 3350  |
| 6.0   | 5.3   | 17473 |
| 0.0   | 0.0   | 8031  |
| 0.5   | 0.2   | 2543  |
| 2.6   | 1.0   | 4625  |
| 0.0   | 0.0   | 457   |
| 6.6   | 3.2   | 1323  |
| 34.7  | 35.8  | 15882 |
| 13.4  | 12.0  | 10276 |
| 0.3   | 0.0   | 1026  |
| 30.1  | 24.7  | 4841  |
| 0.1   | 0.0   | 3319  |
| 0.0   | 0.0   | 635   |
| 0.0   | 0.0   | 342   |
| 0.0   | 0.0   | 210   |
| 0.4   | 0.0   | 216   |
| 8.4   | 5.9   | 8636  |
| 5.0   | 4.2   | 1699  |
| 29.8  | 23.8  | 1865  |
| 0.4   | 0.3   | 16728 |
| 34.9  | 35.2  | 472   |
| 1.2   | 0.0   | 76    |
| 5.7   | 5.6   | 12375 |
| 1.2   | 1.1   | 11148 |
| 11.2  | 8.1   | 9318  |
| 5.5   | 3.1   | 8207  |
| 7.9   | 5.2   | 11061 |
| 1.2   | 0.7   | 10270 |
| 7.6   | 6.1   | 1810  |
| 0.8   | 0.2   | 1330  |
| 31.0  | 23.3  | 2311  |

|        |        |       |
|--------|--------|-------|
| 2.0    | 2.2    | 6754  |
| 0.1    | 0.0    | 8265  |
| 20.3   | 13.5   | 7012  |
| 11.9   | 9.9    | 8330  |
| 39.5   | 48.7   | 2300  |
| 0.0    | 0.0    | 1437  |
| 2.2    | 2.4    | 12990 |
| 12.4   | 12.3   | 2898  |
| 0.1    | 0.0    | 2125  |
| 0.8    | 0.4    | 4368  |
| 0.6    | 0.4    | 7106  |
| 0.2    | 0.0    | 1895  |
| 11.0   | 5.1    | 2558  |
| 180.0  | 143.8  | 1458  |
| 58.5   | 85.0   | 1127  |
| 16.8   | 11.2   | 1974  |
| 1.4    | 1.6    | 3345  |
| 0.0    | 1.6    | 66    |
| 2.2    | 1.6    | 2351  |
| 2.0    | 2.2    | 6864  |
| 50.2   | 46.5   | 5305  |
| 71.7   | 79.5   | 1949  |
| 51.9   | 55.6   | 6093  |
| 83.8   | 136.6  | 519   |
| 0.4    | 1.4    | 43816 |
| 1811.6 | 1303.0 | 3528  |
| 30.9   | 22.8   | 2105  |
| 88.3   | 93.8   | 2882  |
| 0.0    | 0.0    | 389   |
| 8.9    | 8.7    | 3455  |
| 10.5   | 6.4    | 3874  |
| 11.2   | 6.5    | 4301  |
| 0.0    | 0.0    | 249   |
| 0.0    | 0.0    | 267   |
| 0.3    | 0.0    | 309   |
| 0.0    | 0.0    | 282   |
| 23.8   | 20.7   | 2539  |
| 0.3    | 0.0    | 641   |
| 0.6    | 0.0    | 762   |
| 195.8  | 191.8  | 546   |
| 8.9    | 2.8    | 2949  |
| 1.0    | 0.6    | 3470  |
| 10.3   | 8.1    | 2696  |
| 121.4  | 123.9  | 2283  |
| 187.2  | 141.8  | 3726  |
| 793.5  | 854.0  | 1125  |
| 4.5    | 5.1    | 3904  |



|       |       |       |
|-------|-------|-------|
| 743.0 | 871.5 | 1552  |
| 639.0 | 618.2 | 3163  |
| 98.9  | 105.4 | 1286  |
| 123.5 | 109.7 | 910   |
| 77.0  | 107.8 | 1274  |
| 96.4  | 71.2  | 1516  |
| 15.4  | 11.7  | 3894  |
| 6.6   | 3.5   | 7758  |
| 151.3 | 93.7  | 3486  |
| 0.0   | 0.0   | 240   |
| 8.1   | 3.1   | 5585  |
| 60.8  | 73.3  | 9439  |
| 37.5  | 22.8  | 1905  |
| 0.3   | 0.0   | 708   |
| 28.9  | 53.7  | 1584  |
| 0.4   | 0.3   | 4865  |
| 1.2   | 1.1   | 4015  |
| 8.4   | 4.7   | 874   |
| 0.2   | 0.0   | 2630  |
| 4.7   | 1.9   | 6257  |
| 23.0  | 24.0  | 5193  |
| 4.0   | 1.0   | 3159  |
| 0.0   | 0.0   | 2486  |
| 0.2   | 0.1   | 2712  |
| 26.9  | 22.3  | 806   |
| 29.0  | 23.9  | 4081  |
| 0.5   | 0.3   | 3081  |
| 0.3   | 0.0   | 3028  |
| 7.7   | 6.8   | 2264  |
| 0.3   | 0.1   | 4598  |
| 4.5   | 3.0   | 3061  |
| 9.0   | 7.5   | 3477  |
| 10.7  | 9.7   | 2661  |
| 7.3   | 2.4   | 2768  |
| 26.9  | 24.1  | 3065  |
| 6.3   | 6.1   | 3685  |
| 6.2   | 6.5   | 7381  |
| 18.8  | 14.5  | 4286  |
| 32.0  | 28.8  | 2546  |
| 0.0   | 0.0   | 2135  |
| 0.0   | 0.8   | 900   |
| 3.2   | 3.1   | 4924  |
| 2.1   | 1.8   | 21722 |
| 9.9   | 8.3   | 5913  |
| 9.5   | 5.4   | 5347  |
| 0.1   | 0.0   | 6653  |
| 0.3   | 0.2   | 2076  |

|          |          |       |
|----------|----------|-------|
| 0.6      | 0.0      | 1014  |
| 0.2      | 0.5      | 3047  |
| 12.2     | 14.5     | 2017  |
| 4.8      | 5.4      | 2100  |
| 3.0      | 2.6      | 4606  |
| 1.4      | 4.1      | 2308  |
| 0.1      | 0.0      | 1424  |
| 21.8     | 9.4      | 4698  |
| 0.2      | 0.0      | 1858  |
| 2.3      | 1.8      | 9499  |
| 2.1      | 1.2      | 2653  |
| 3.1      | 2.1      | 2018  |
| 0.1      | 0.1      | 6671  |
| 0.2      | 0.0      | 2383  |
| 1.9      | 1.0      | 4261  |
| 45.0     | 44.2     | 1678  |
| 0.5      | 0.2      | 16915 |
| 1.1      | 0.8      | 2224  |
| 6.1      | 4.5      | 2206  |
| 0.8      | 0.6      | 3627  |
| 0.9      | 0.5      | 1614  |
| 9.9      | 9.3      | 1650  |
| 0.0      | 0.0      | 2323  |
| 0.1      | 0.0      | 4919  |
| 4.5      | 2.6      | 7165  |
| 0.1      | 0.0      | 1617  |
| 3.9      | 7.3      | 3010  |
| 17.0     | 14.3     | 6250  |
| 5.3      | 5.3      | 3311  |
| 0.1      | 0.0      | 2153  |
| 147604.3 | 129858.8 | 299   |
| 0.2      | 0.0      | 2925  |
| 0.2      | 0.0      | 1196  |
| 2.3      | 3.4      | 609   |
| 0.0      | 0.0      | 983   |
| 78.3     | 6.3      | 83    |
| 2.6      | 1.5      | 72    |
| 0.0      | 0.0      | 73    |
| 9.7      | 0.0      | 78    |
| 1.3      | 0.0      | 75    |
| 8.0      | 0.0      | 71    |
| 29.2     | 2.9      | 71    |
| 15.9     | 52.9     | 77    |
| 2.7      | 0.0      | 71    |
| 1.5      | 9.9      | 63    |
| 0.0      | 10.4     | 70    |
| 1.1      | 3.7      | 84    |

|      |      |      |
|------|------|------|
| 0.8  | 0.0  | 570  |
| 2.0  | 0.8  | 1657 |
| 0.4  | 0.0  | 3454 |
| 1.1  | 0.7  | 5005 |
| 0.2  | 0.0  | 1603 |
| 2.9  | 2.5  | 657  |
| 0.3  | 0.1  | 1089 |
| 0.8  | 0.0  | 2073 |
| 0.3  | 0.0  | 1215 |
| 0.1  | 0.7  | 1210 |
| 0.0  | 0.0  | 3133 |
| 5.4  | 2.7  | 803  |
| 0.0  | 0.0  | 2627 |
| 0.0  | 0.0  | 213  |
| 0.1  | 0.0  | 1330 |
| 2.1  | 0.3  | 1985 |
| 0.2  | 0.0  | 1398 |
| 0.1  | 0.0  | 4614 |
| 0.1  | 0.0  | 2507 |
| 0.1  | 0.0  | 9848 |
| 1.5  | 0.9  | 3493 |
| 0.0  | 0.0  | 124  |
| 29.8 | 4.3  | 1176 |
| 1.2  | 0.1  | 1714 |
| 0.5  | 1.5  | 1715 |
| 2.0  | 0.1  | 2472 |
| 2.8  | 2.4  | 961  |
| 0.3  | 0.0  | 1726 |
| 18.6 | 20.0 | 2415 |
| 13.2 | 7.7  | 3041 |
| 0.1  | 0.0  | 4476 |
| 4.7  | 2.7  | 2259 |
| 0.2  | 0.0  | 3138 |
| 21.2 | 36.1 | 1029 |
| 16.1 | 8.2  | 2714 |
| 0.1  | 0.0  | 7881 |
| 15.1 | 8.0  | 4588 |
| 8.3  | 5.5  | 4824 |
| 7.6  | 7.7  | 1377 |
| 17.3 | 20.1 | 1376 |
| 1.9  | 3.2  | 2042 |
| 1.1  | 1.1  | 1830 |
| 0.1  | 0.0  | 1814 |
| 0.2  | 0.0  | 9308 |
| 1.2  | 1.3  | 2711 |
| 0.0  | 0.2  | 1834 |
| 4.1  | 2.3  | 1686 |

|        |       |       |
|--------|-------|-------|
| 0.0    | 0.0   | 1134  |
| 4.7    | 3.9   | 6203  |
| 1.5    | 0.7   | 16057 |
| 23.7   | 25.9  | 1688  |
| 0.2    | 0.1   | 1956  |
| 68.3   | 56.5  | 2116  |
| 70.3   | 91.0  | 2076  |
| 0.1    | 0.0   | 1734  |
| 28.0   | 31.5  | 1012  |
| 10.4   | 10.0  | 2072  |
| 538.5  | 584.1 | 586   |
| 8.8    | 7.1   | 2840  |
| 0.2    | 0.2   | 2592  |
| 3.5    | 3.2   | 2336  |
| 2.8    | 2.4   | 5755  |
| 10.7   | 6.1   | 6213  |
| 3.9    | 2.7   | 12406 |
| 4.5    | 4.1   | 2370  |
| 0.0    | 0.0   | 4202  |
| 9.6    | 6.8   | 802   |
| 0.0    | 5.2   | 80    |
| 660.6  | 724.9 | 138   |
| 420.7  | 500.8 | 137   |
| 2.8    | 0.0   | 68    |
| 14.2   | 6.1   | 86    |
| 696.4  | 327.9 | 200   |
| 0.0    | 0.0   | 128   |
| 1697.3 | 837.7 | 135   |
| 154.6  | 85.7  | 134   |
| 14.4   | 9.9   | 137   |
| 12.0   | 5.5   | 133   |
| 717.5  | 85.6  | 139   |
| 0.1    | 0.0   | 13900 |
| 4.6    | 1.2   | 2654  |
| 47.2   | 40.1  | 2007  |
| 0.0    | 0.0   | 13573 |
| 0.7    | 0.1   | 18608 |
| 5.2    | 7.5   | 3201  |
| 6.7    | 5.1   | 3086  |
| 0.3    | 0.0   | 1773  |
| 0.0    | 0.0   | 2217  |
| 19.2   | 21.4  | 3168  |
| 14.6   | 19.2  | 3561  |
| 6.7    | 5.3   | 4707  |
| 3.0    | 3.4   | 2032  |
| 25.8   | 19.2  | 2285  |
| 0.8    | 0.6   | 4393  |

|      |      |       |
|------|------|-------|
| 2.6  | 1.4  | 5755  |
| 4.3  | 1.0  | 3886  |
| 0.2  | 0.1  | 5609  |
| 6.9  | 5.1  | 1442  |
| 0.7  | 0.1  | 1544  |
| 0.5  | 0.5  | 3584  |
| 9.0  | 7.5  | 5445  |
| 0.1  | 0.1  | 5011  |
| 0.8  | 0.3  | 2823  |
| 13.5 | 16.1 | 1908  |
| 10.4 | 5.3  | 7158  |
| 29.3 | 18.0 | 3054  |
| 1.9  | 1.0  | 6362  |
| 13.3 | 10.7 | 4062  |
| 22.2 | 15.8 | 6164  |
| 37.5 | 50.4 | 1611  |
| 35.7 | 34.9 | 5252  |
| 9.5  | 3.3  | 2696  |
| 4.5  | 1.4  | 2977  |
| 1.7  | 0.6  | 10156 |
| 9.7  | 8.7  | 1964  |
| 7.7  | 5.1  | 4105  |
| 0.9  | 1.2  | 4246  |
| 5.3  | 4.4  | 11659 |
| 9.5  | 6.0  | 9599  |
| 15.1 | 12.3 | 1326  |
| 0.1  | 0.0  | 1098  |
| 0.2  | 0.1  | 1044  |
| 4.2  | 2.7  | 2585  |
| 4.0  | 1.5  | 8011  |
| 2.1  | 0.8  | 2548  |
| 5.3  | 4.5  | 7431  |
| 0.2  | 0.0  | 2067  |
| 0.0  | 0.0  | 2797  |
| 7.6  | 6.6  | 10542 |
| 1.2  | 0.9  | 26136 |
| 6.5  | 3.6  | 3624  |
| 0.1  | 0.0  | 3556  |
| 7.7  | 6.5  | 5107  |
| 3.3  | 3.5  | 16655 |
| 31.3 | 34.0 | 2864  |
| 6.1  | 3.6  | 6055  |
| 33.3 | 44.1 | 969   |
| 13.0 | 4.1  | 4005  |
| 0.2  | 0.0  | 2066  |
| 0.1  | 0.0  | 3346  |
| 0.4  | 0.0  | 3373  |

|      |      |       |
|------|------|-------|
| 0.0  | 0.1  | 2423  |
| 2.2  | 2.2  | 6423  |
| 0.0  | 0.1  | 10791 |
| 0.5  | 0.0  | 1820  |
| 0.1  | 0.0  | 6701  |
| 0.3  | 0.1  | 3334  |
| 16.8 | 12.4 | 1510  |
| 0.0  | 0.0  | 7333  |
| 10.0 | 4.3  | 3955  |
| 4.3  | 2.3  | 3552  |
| 12.6 | 11.5 | 4342  |
| 0.3  | 0.2  | 3725  |
| 17.6 | 14.5 | 5360  |
| 0.4  | 0.2  | 1678  |
| 13.8 | 17.3 | 1150  |
| 27.6 | 54.9 | 778   |
| 9.0  | 12.4 | 951   |
| 0.0  | 0.0  | 1367  |
| 0.1  | 0.6  | 1866  |
| 0.0  | 0.0  | 1370  |
| 11.9 | 14.1 | 6932  |
| 0.1  | 0.0  | 5625  |
| 19.4 | 19.3 | 4855  |
| 0.3  | 0.1  | 5203  |
| 0.4  | 0.4  | 6338  |
| 40.3 | 26.8 | 1324  |
| 80.9 | 79.6 | 668   |
| 57.8 | 85.7 | 1351  |
| 5.8  | 4.5  | 2732  |
| 2.6  | 3.0  | 5441  |
| 1.2  | 0.2  | 6310  |
| 15.9 | 15.6 | 3347  |
| 0.4  | 0.1  | 12878 |
| 0.1  | 0.0  | 2368  |
| 1.7  | 1.1  | 3800  |
| 0.0  | 0.1  | 3345  |
| 5.2  | 5.6  | 1146  |
| 0.5  | 0.0  | 2034  |
| 0.3  | 0.0  | 2291  |
| 1.6  | 1.3  | 917   |
| 0.2  | 0.0  | 2214  |
| 0.9  | 0.4  | 6160  |
| 1.4  | 1.2  | 3567  |
| 0.0  | 0.0  | 5168  |
| 0.8  | 0.0  | 1498  |
| 1.4  | 0.2  | 1518  |
| 6.9  | 3.0  | 3000  |

|      |      |      |
|------|------|------|
| 0.1  | 0.0  | 7578 |
| 0.0  | 0.0  | 1560 |
| 30.0 | 22.2 | 4815 |
| 0.1  | 0.1  | 1347 |
| 7.2  | 5.5  | 5265 |
| 0.0  | 0.0  | 6736 |
| 0.4  | 0.3  | 8316 |
| 16.0 | 14.1 | 1374 |
| 1.7  | 0.5  | 3390 |
| 6.0  | 2.9  | 4659 |
| 11.8 | 9.6  | 7620 |
| 2.3  | 1.4  | 2646 |
| 6.4  | 5.6  | 7037 |
| 0.2  | 0.0  | 3181 |
| 0.2  | 0.0  | 8833 |
| 5.9  | 2.1  | 1564 |
| 3.7  | 3.0  | 1348 |
| 16.1 | 18.0 | 1215 |
| 5.5  | 4.5  | 2076 |
| 9.5  | 4.0  | 2326 |
| 17.4 | 12.5 | 2251 |
| 5.5  | 2.5  | 1054 |
| 0.2  | 0.0  | 2500 |
| 5.7  | 7.2  | 2642 |
| 10.2 | 8.7  | 2773 |
| 8.4  | 5.3  | 2957 |
| 9.2  | 5.8  | 2022 |
| 5.9  | 5.0  | 3122 |
| 1.2  | 2.1  | 1920 |
| 8.5  | 6.6  | 2499 |
| 0.2  | 0.0  | 1720 |
| 3.0  | 2.2  | 2136 |
| 0.1  | 0.0  | 6909 |
| 6.5  | 6.0  | 1876 |
| 2.2  | 0.4  | 1530 |
| 6.0  | 4.9  | 2376 |
| 16.8 | 17.0 | 696  |
| 0.1  | 0.1  | 785  |
| 3.3  | 1.6  | 2540 |
| 9.9  | 14.7 | 1118 |
| 8.9  | 9.7  | 2193 |
| 3.6  | 3.7  | 1038 |
| 3.1  | 3.9  | 3224 |
| 0.0  | 0.0  | 1047 |
| 1.5  | 1.5  | 1287 |
| 9.3  | 11.5 | 977  |
| 2.3  | 1.0  | 3298 |

|       |       |       |
|-------|-------|-------|
| 2.5   | 0.9   | 1952  |
| 7.2   | 4.5   | 2173  |
| 0.0   | 0.0   | 741   |
| 17.6  | 13.1  | 1320  |
| 14.1  | 6.5   | 3095  |
| 1.4   | 0.3   | 1528  |
| 1.8   | 0.7   | 5708  |
| 0.7   | 0.5   | 3820  |
| 1.5   | 1.0   | 2591  |
| 28.3  | 21.3  | 2106  |
| 146.5 | 154.7 | 8439  |
| 7.8   | 5.7   | 7482  |
| 33.8  | 32.8  | 1822  |
| 0.0   | 0.0   | 9315  |
| 0.1   | 0.0   | 4736  |
| 4.2   | 3.4   | 3759  |
| 3.1   | 2.3   | 6991  |
| 14.6  | 12.5  | 6882  |
| 2.1   | 1.3   | 22505 |
| 13.5  | 19.6  | 2109  |
| 0.4   | 0.1   | 2731  |
| 0.3   | 0.0   | 1785  |
| 0.1   | 0.0   | 6968  |
| 56.8  | 38.2  | 2758  |
| 0.3   | 0.5   | 6930  |
| 6.6   | 3.9   | 3738  |
| 3.1   | 1.4   | 2200  |
| 3.2   | 2.1   | 5942  |
| 0.0   | 0.0   | 1165  |
| 2.8   | 3.3   | 971   |
| 11.7  | 5.9   | 1045  |
| 12.5  | 10.7  | 635   |
| 6.9   | 4.9   | 3292  |
| 0.2   | 0.0   | 2332  |
| 0.5   | 0.0   | 694   |
| 23.3  | 17.5  | 4009  |
| 0.7   | 0.8   | 1541  |
| 15.7  | 15.3  | 6463  |
| 0.2   | 0.1   | 3761  |
| 2.4   | 1.4   | 1000  |
| 16.4  | 11.7  | 7412  |
| 1.1   | 0.4   | 1779  |
| 28.6  | 17.2  | 6020  |
| 12.5  | 14.9  | 3377  |
| 1.2   | 0.5   | 2272  |
| 0.1   | 0.1   | 1986  |
| 1.2   | 1.0   | 25437 |



|      |      |       |
|------|------|-------|
| 1.4  | 2.6  | 856   |
| 0.7  | 0.0  | 2311  |
| 5.2  | 2.6  | 7084  |
| 0.3  | 0.0  | 2125  |
| 0.5  | 0.3  | 9178  |
| 0.8  | 0.1  | 3512  |
| 0.3  | 0.2  | 2502  |
| 0.3  | 0.0  | 2402  |
| 0.2  | 0.0  | 3591  |
| 1.8  | 1.5  | 16932 |
| 0.0  | 0.0  | 3075  |
| 3.9  | 0.6  | 2042  |
| 0.1  | 0.4  | 958   |
| 6.4  | 4.9  | 2713  |
| 4.5  | 3.1  | 1476  |
| 2.6  | 1.2  | 4006  |
| 0.1  | 0.0  | 2550  |
| 5.0  | 9.8  | 4530  |
| 0.0  | 0.2  | 1614  |
| 0.0  | 0.0  | 6132  |
| 0.1  | 0.0  | 9228  |
| 9.7  | 5.8  | 4097  |
| 0.5  | 0.0  | 2158  |
| 0.0  | 0.0  | 4193  |
| 68.0 | 68.3 | 1612  |
| 0.3  | 0.0  | 2073  |
| 6.9  | 4.4  | 1879  |
| 6.6  | 4.8  | 9990  |
| 5.3  | 6.1  | 3763  |
| 0.0  | 0.0  | 9462  |
| 0.1  | 0.0  | 1558  |
| 6.7  | 1.4  | 5581  |
| 0.0  | 0.1  | 5112  |
| 0.1  | 0.0  | 11140 |
| 0.0  | 0.0  | 5736  |
| 27.3 | 23.7 | 3912  |
| 3.9  | 1.3  | 1726  |
| 1.9  | 2.1  | 2330  |
| 0.0  | 0.0  | 1398  |
| 0.0  | 0.0  | 667   |
| 0.1  | 0.0  | 4315  |
| 7.6  | 5.4  | 2625  |
| 38.7 | 30.0 | 857   |
| 0.5  | 0.2  | 46605 |
| 1.0  | 0.2  | 1836  |
| 0.6  | 0.2  | 1155  |
| 11.6 | 11.2 | 13481 |

|       |       |       |
|-------|-------|-------|
| 20.4  | 32.0  | 2937  |
| 0.0   | 0.0   | 4527  |
| 0.1   | 0.2   | 906   |
| 0.0   | 0.0   | 551   |
| 1.8   | 0.6   | 816   |
| 2.2   | 1.8   | 2465  |
| 3.7   | 4.6   | 7647  |
| 0.0   | 0.0   | 3170  |
| 0.3   | 0.4   | 12178 |
| 0.3   | 0.1   | 2976  |
| 0.8   | 0.5   | 8492  |
| 0.1   | 0.0   | 3139  |
| 0.2   | 0.1   | 6290  |
| 0.0   | 0.0   | 1895  |
| 0.2   | 0.3   | 1146  |
| 0.0   | 0.0   | 1080  |
| 18.1  | 18.8  | 8934  |
| 0.0   | 0.0   | 897   |
| 9.0   | 3.1   | 6213  |
| 15.9  | 20.3  | 4977  |
| 16.5  | 10.2  | 3579  |
| 5.5   | 3.9   | 13598 |
| 4.0   | 3.2   | 3662  |
| 21.1  | 21.2  | 1207  |
| 3.4   | 3.3   | 2559  |
| 0.1   | 0.0   | 4226  |
| 1.9   | 0.0   | 651   |
| 1.9   | 1.1   | 4837  |
| 14.2  | 7.9   | 2628  |
| 15.7  | 15.1  | 8403  |
| 7.5   | 5.2   | 1711  |
| 87.9  | 65.1  | 1762  |
| 39.8  | 42.6  | 3120  |
| 92.4  | 105.3 | 7311  |
| 0.0   | 0.0   | 517   |
| 8.0   | 6.2   | 1584  |
| 4.8   | 5.1   | 3532  |
| 6.9   | 4.1   | 1126  |
| 11.7  | 7.3   | 3396  |
| 0.1   | 0.0   | 2528  |
| 61.4  | 8.5   | 135   |
| 2.7   | 1.5   | 137   |
| 312.3 | 164.1 | 133   |
| 9.3   | 8.8   | 131   |
| 73.7  | 22.7  | 147   |
| 17.6  | 16.4  | 134   |
| 76.0  | 51.8  | 135   |

|       |       |       |
|-------|-------|-------|
| 1.4   | 0.8   | 133   |
| 69.4  | 69.1  | 133   |
| 177.7 | 44.3  | 132   |
| 622.4 | 385.6 | 189   |
| 40.7  | 11.1  | 132   |
| 56.2  | 23.4  | 134   |
| 508.3 | 196.9 | 131   |
| 19.0  | 2.4   | 129   |
| 3.4   | 0.0   | 140   |
| 319.7 | 182.9 | 137   |
| 3.6   | 7.1   | 132   |
| 98.5  | 24.1  | 130   |
| 75.9  | 38.0  | 129   |
| 4.8   | 22.3  | 136   |
| 73.5  | 62.5  | 132   |
| 27.4  | 62.3  | 134   |
| 23.2  | 5.8   | 126   |
| 32.1  | 37.9  | 135   |
| 52.7  | 26.3  | 127   |
| 8.6   | 19.0  | 132   |
| 70.6  | 181.2 | 132   |
| 42.6  | 43.4  | 137   |
| 43.1  | 28.7  | 131   |
| 290.2 | 105.3 | 123   |
| 7.3   | 13.8  | 129   |
| 4.2   | 10.7  | 136   |
| 73.9  | 20.1  | 130   |
| 153.3 | 169.4 | 204   |
| 34.9  | 18.8  | 178   |
| 86.6  | 21.5  | 136   |
| 0.4   | 0.3   | 17367 |
| 7.6   | 7.1   | 16872 |
| 10.0  | 5.5   | 132   |
| 61.2  | 103.7 | 137   |
| 0.0   | 0.0   | 128   |
| 196.1 | 197.8 | 133   |
| 23.6  | 11.3  | 4378  |
| 0.0   | 0.0   | 3066  |
| 0.2   | 0.0   | 1805  |
| 0.1   | 0.3   | 738   |
| 0.2   | 0.3   | 2492  |
| 3.1   | 2.2   | 2764  |
| 13.3  | 11.3  | 2053  |
| 8.3   | 6.6   | 5064  |
| 30.6  | 24.8  | 964   |
| 3.3   | 2.8   | 3210  |
| 10.6  | 5.7   | 2817  |

|       |       |       |
|-------|-------|-------|
| 0.1   | 0.5   | 1133  |
| 8.9   | 7.5   | 2070  |
| 0.2   | 0.0   | 5717  |
| 48.3  | 44.9  | 1899  |
| 0.9   | 0.7   | 3595  |
| 3.7   | 2.6   | 1793  |
| 0.2   | 0.1   | 5759  |
| 0.0   | 0.0   | 10740 |
| 297.9 | 137.6 | 330   |
| 46.5  | 5.7   | 166   |
| 106.2 | 81.9  | 125   |
| 116.0 | 86.3  | 138   |
| 40.9  | 17.8  | 129   |
| 132.2 | 96.8  | 275   |
| 169.9 | 124.4 | 266   |
| 28.8  | 27.9  | 131   |
| 2.6   | 2.2   | 144   |
| 13.7  | 6.1   | 137   |
| 0.0   | 0.0   | 127   |
| 307.7 | 302.6 | 187   |
| 66.3  | 13.4  | 250   |
| 345.0 | 180.6 | 270   |
| 1.4   | 5.6   | 130   |
| 0.1   | 0.0   | 14360 |
| 36.5  | 33.2  | 1121  |
| 13.4  | 9.4   | 3411  |
| 10.3  | 5.7   | 8787  |
| 6.1   | 4.9   | 4821  |
| 0.2   | 0.1   | 6382  |
| 5.5   | 2.9   | 3227  |
| 1.4   | 0.8   | 15750 |
| 8.8   | 12.1  | 922   |
| 0.1   | 0.0   | 2706  |
| 1.2   | 1.4   | 5980  |
| 4.3   | 2.9   | 8343  |
| 1.4   | 0.5   | 4169  |
| 11.9  | 12.9  | 2997  |
| 4.2   | 3.9   | 4248  |
| 5.4   | 3.9   | 2077  |
| 2.0   | 1.8   | 2788  |
| 0.0   | 0.0   | 1692  |
| 0.4   | 0.6   | 27648 |
| 0.2   | 0.1   | 2720  |
| 0.1   | 0.0   | 1089  |
| 3.1   | 2.4   | 5855  |
| 0.2   | 0.0   | 13108 |
| 0.1   | 0.0   | 879   |

|       |       |       |
|-------|-------|-------|
| 2.4   | 1.7   | 4188  |
| 0.2   | 0.0   | 1085  |
| 5.9   | 7.7   | 13238 |
| 0.2   | 0.0   | 858   |
| 9.9   | 8.6   | 956   |
| 67.9  | 30.0  | 122   |
| 43.8  | 111.0 | 127   |
| 29.1  | 8.2   | 152   |
| 11.3  | 12.5  | 125   |
| 4.7   | 3.4   | 1697  |
| 0.1   | 0.2   | 4208  |
| 0.3   | 0.0   | 1853  |
| 17.7  | 15.5  | 4661  |
| 6.9   | 4.7   | 3244  |
| 1.2   | 0.6   | 8662  |
| 0.1   | 0.0   | 3658  |
| 29.5  | 25.8  | 684   |
| 0.0   | 0.0   | 5840  |
| 8.7   | 5.8   | 2037  |
| 1.5   | 1.6   | 1745  |
| 12.8  | 14.1  | 785   |
| 0.7   | 0.2   | 1245  |
| 1.6   | 0.7   | 2176  |
| 19.1  | 18.6  | 5038  |
| 0.7   | 0.0   | 2710  |
| 814.9 | 510.9 | 420   |
| 10.5  | 7.9   | 2252  |
| 0.1   | 0.1   | 5182  |
| 6.6   | 5.8   | 21054 |
| 10.6  | 4.3   | 6302  |
| 13.1  | 8.8   | 4848  |
| 0.2   | 0.0   | 1745  |
| 1.5   | 1.2   | 5113  |
| 0.6   | 0.3   | 2757  |
| 0.1   | 0.0   | 1714  |
| 4.9   | 3.5   | 2886  |
| 9.5   | 6.5   | 3762  |
| 1.3   | 0.9   | 16557 |
| 7.8   | 13.1  | 3552  |
| 0.5   | 0.3   | 2750  |
| 3.4   | 2.2   | 6257  |
| 0.0   | 0.0   | 24679 |
| 1.7   | 1.7   | 8135  |
| 1.0   | 1.2   | 4540  |
| 23.9  | 20.0  | 7731  |
| 0.5   | 0.2   | 4402  |
| 2.2   | 1.4   | 5648  |

|      |      |       |
|------|------|-------|
| 4.8  | 4.5  | 3723  |
| 4.4  | 4.2  | 2588  |
| 0.0  | 0.0  | 1940  |
| 2.4  | 1.7  | 7063  |
| 0.1  | 0.0  | 2931  |
| 0.2  | 0.0  | 2306  |
| 2.1  | 0.3  | 8914  |
| 7.0  | 4.5  | 7082  |
| 22.5 | 16.1 | 19666 |
| 25.3 | 13.2 | 2192  |
| 0.1  | 0.0  | 7559  |
| 0.1  | 0.0  | 26257 |
| 0.3  | 0.0  | 2627  |
| 1.0  | 1.4  | 3753  |
| 0.1  | 0.0  | 3333  |
| 0.4  | 0.2  | 4131  |
| 2.4  | 1.4  | 987   |
| 18.0 | 8.2  | 152   |
| 6.9  | 5.1  | 12715 |
| 0.0  | 0.0  | 6663  |
| 9.3  | 5.0  | 3348  |
| 1.4  | 0.2  | 2505  |
| 11.0 | 8.8  | 3634  |
| 8.2  | 4.4  | 1153  |
| 0.0  | 0.0  | 1190  |
| 2.0  | 0.4  | 2731  |
| 1.4  | 1.0  | 1807  |
| 0.0  | 0.0  | 2381  |
| 3.9  | 2.9  | 15295 |
| 3.6  | 2.1  | 1860  |
| 8.8  | 10.5 | 2333  |
| 2.3  | 1.2  | 4278  |
| 5.9  | 3.4  | 2520  |
| 2.4  | 1.8  | 3398  |
| 0.4  | 0.2  | 6923  |
| 0.4  | 0.8  | 2473  |
| 1.9  | 0.9  | 6926  |
| 4.0  | 2.7  | 4140  |
| 7.3  | 3.3  | 3066  |
| 25.8 | 16.5 | 4047  |
| 0.0  | 0.0  | 2544  |
| 0.6  | 0.6  | 5599  |
| 0.1  | 0.0  | 1304  |
| 0.3  | 0.2  | 4064  |
| 3.4  | 1.5  | 4577  |
| 13.9 | 9.8  | 6469  |
| 15.3 | 12.6 | 1614  |

|       |       |       |
|-------|-------|-------|
| 8.6   | 2.5   | 1679  |
| 0.3   | 0.0   | 1623  |
| 25.4  | 0.0   | 130   |
| 128.4 | 43.7  | 421   |
| 0.3   | 0.2   | 3521  |
| 11.9  | 6.0   | 2633  |
| 0.2   | 0.0   | 1238  |
| 0.2   | 0.2   | 7980  |
| 0.0   | 0.8   | 498   |
| 0.6   | 0.1   | 3775  |
| 0.0   | 0.2   | 11763 |
| 0.2   | 0.0   | 7805  |
| 5.6   | 4.6   | 6096  |
| 0.6   | 0.4   | 13245 |
| 4.9   | 5.5   | 8999  |
| 0.5   | 0.0   | 780   |
| 1.7   | 1.6   | 1518  |
| 3.8   | 1.6   | 3739  |
| 38.7  | 18.7  | 134   |
| 15.0  | 12.4  | 5541  |
| 2.6   | 2.3   | 7287  |
| 4.8   | 4.7   | 1967  |
| 0.5   | 0.3   | 7260  |
| 19.1  | 12.9  | 949   |
| 12.2  | 7.5   | 5575  |
| 4.2   | 3.4   | 3710  |
| 3.4   | 0.9   | 4390  |
| 11.7  | 5.9   | 3689  |
| 0.0   | 0.0   | 10246 |
| 4.0   | 4.1   | 39716 |
| 99.7  | 78.6  | 679   |
| 0.0   | 0.0   | 84    |
| 40.8  | 3.5   | 90    |
| 3.9   | 5.2   | 121   |
| 1.3   | 1.4   | 73    |
| 306.4 | 142.6 | 134   |
| 6.6   | 0.0   | 71    |
| 1.0   | 1.1   | 97    |
| 30.4  | 21.9  | 772   |
| 0.0   | 0.0   | 453   |
| 0.0   | 0.0   | 1752  |
| 3.6   | 1.7   | 8451  |
| 5.1   | 4.1   | 4227  |
| 7.3   | 5.9   | 1570  |
| 3.9   | 2.5   | 3648  |
| 2.8   | 0.7   | 4014  |
| 0.0   | 0.0   | 2188  |

|        |       |       |
|--------|-------|-------|
| 3.7    | 2.9   | 12444 |
| 3.0    | 4.2   | 1526  |
| 1.2    | 0.9   | 6839  |
| 1655.7 | 716.1 | 148   |
| 0.2    | 0.0   | 1821  |
| 20.2   | 16.3  | 3020  |
| 9.6    | 8.4   | 2631  |
| 5.8    | 5.2   | 1896  |
| 9.2    | 5.6   | 1834  |
| 0.1    | 0.0   | 1423  |
| 0.1    | 0.0   | 3169  |
| 4.2    | 4.0   | 9145  |
| 2.6    | 4.0   | 1993  |
| 1.2    | 0.6   | 846   |
| 3.3    | 2.9   | 11364 |
| 1.8    | 2.2   | 3200  |
| 0.1    | 0.1   | 11370 |
| 1.9    | 2.1   | 2544  |
| 0.1    | 0.0   | 4176  |
| 0.5    | 0.2   | 26588 |
| 1.3    | 0.2   | 2967  |
| 0.0    | 0.0   | 1688  |
| 0.1    | 0.0   | 1688  |
| 19.6   | 12.5  | 3912  |
| 1.6    | 1.4   | 1431  |
| 8.3    | 7.6   | 3939  |
| 0.1    | 0.0   | 1201  |
| 0.0    | 0.0   | 820   |
| 0.1    | 0.1   | 3178  |
| 31.9   | 24.0  | 2659  |
| 0.0    | 0.0   | 524   |
| 35.1   | 29.3  | 4308  |
| 14.2   | 15.3  | 2386  |
| 5.3    | 4.9   | 11288 |
| 14.2   | 9.3   | 10215 |
| 4.1    | 2.1   | 7827  |
| 5.6    | 5.4   | 3274  |
| 0.1    | 0.0   | 1964  |
| 0.0    | 0.0   | 798   |
| 3.7    | 3.0   | 4814  |
| 0.0    | 0.0   | 5365  |
| 4.8    | 3.6   | 9688  |
| 28.4   | 21.3  | 1590  |
| 3.5    | 2.7   | 8145  |
| 1.3    | 0.9   | 3120  |
| 0.7    | 0.6   | 13178 |
| 0.0    | 0.1   | 2011  |



|       |       |       |
|-------|-------|-------|
| 2.4   | 1.2   | 2883  |
| 5.2   | 4.0   | 6833  |
| 6.6   | 3.6   | 13853 |
| 4.0   | 4.3   | 10676 |
| 20.0  | 18.4  | 5222  |
| 18.6  | 15.1  | 5187  |
| 0.0   | 0.0   | 2178  |
| 0.1   | 0.0   | 2787  |
| 95.9  | 92.3  | 1402  |
| 3.9   | 3.6   | 2261  |
| 16.4  | 10.5  | 3312  |
| 3.7   | 2.2   | 5220  |
| 101.8 | 48.0  | 74    |
| 200.1 | 171.7 | 104   |
| 0.2   | 0.3   | 1837  |
| 381.5 | 303.7 | 98    |
| 25.8  | 24.0  | 1079  |
| 0.0   | 0.0   | 48    |
| 2.1   | 2.0   | 12926 |
| 2.1   | 1.0   | 10023 |
| 2.9   | 4.4   | 3919  |
| 8.2   | 2.9   | 7333  |
| 0.2   | 0.1   | 6401  |
| 37.8  | 34.6  | 2509  |
| 311.1 | 292.5 | 237   |
| 24.8  | 33.2  | 110   |
| 0.0   | 0.0   | 75    |
| 6.2   | 1.4   | 76    |
| 0.0   | 0.0   | 77    |
| 0.4   | 0.2   | 2411  |
| 6.1   | 3.8   | 7023  |
| 7.4   | 7.7   | 3634  |
| 0.0   | 0.0   | 2312  |
| 0.3   | 0.2   | 1726  |
| 0.4   | 0.0   | 1098  |
| 16.8  | 2.9   | 73    |
| 23.8  | 44.2  | 111   |
| 0.0   | 1.4   | 77    |
| 3.3   | 0.0   | 86    |
| 18.6  | 31.6  | 76    |
| 6.7   | 6.7   | 8972  |
| 2.1   | 0.0   | 88    |
| 0.0   | 0.0   | 5607  |
| 18.3  | 5.1   | 103   |
| 42.0  | 30.5  | 130   |
| 105.0 | 65.4  | 139   |
| 296.2 | 261.0 | 138   |

|       |       |       |
|-------|-------|-------|
| 195.3 | 147.4 | 136   |
| 50.5  | 32.5  | 138   |
| 228.6 | 232.3 | 138   |
| 0.0   | 0.0   | 140   |
| 0.5   | 0.3   | 5865  |
| 4.6   | 2.0   | 2358  |
| 0.2   | 0.0   | 1268  |
| 0.5   | 0.0   | 1170  |
| 0.3   | 0.0   | 1128  |
| 0.1   | 0.0   | 2138  |
| 22.5  | 40.1  | 1944  |
| 16.1  | 15.9  | 7493  |
| 0.1   | 0.0   | 12697 |
| 1.1   | 1.1   | 1680  |
| 5.2   | 4.8   | 2725  |
| 59.8  | 49.3  | 2525  |
| 8.5   | 13.0  | 1380  |
| 0.2   | 0.0   | 5287  |
| 0.0   | 0.0   | 678   |
| 0.0   | 0.0   | 2181  |
| 2.1   | 1.4   | 3683  |
| 0.7   | 0.1   | 3180  |
| 2.6   | 2.5   | 4989  |
| 7.3   | 5.8   | 3894  |
| 7.7   | 2.9   | 3781  |
| 0.3   | 0.4   | 1071  |
| 0.2   | 0.0   | 4694  |
| 3.5   | 2.2   | 12568 |
| 8.2   | 5.2   | 4681  |
| 6.4   | 3.6   | 11479 |
| 5.5   | 2.3   | 2594  |
| 4.2   | 3.8   | 1904  |
| 7.0   | 3.9   | 5453  |
| 1.7   | 1.2   | 8614  |
| 6.1   | 1.5   | 6032  |
| 0.3   | 0.0   | 1378  |
| 1.2   | 1.3   | 10275 |
| 0.1   | 0.0   | 3473  |
| 0.3   | 0.0   | 1901  |
| 0.3   | 0.2   | 4268  |
| 0.5   | 0.3   | 4182  |
| 0.3   | 0.4   | 2743  |
| 13.3  | 10.7  | 78    |
| 0.3   | 0.0   | 1368  |
| 41.3  | 43.6  | 1634  |
| 43.4  | 45.6  | 1859  |
| 3.1   | 1.3   | 5941  |

|       |       |       |
|-------|-------|-------|
| 8.7   | 1.1   | 97    |
| 5.0   | 0.0   | 75    |
| 35.9  | 61.4  | 97    |
| 12.6  | 22.6  | 97    |
| 0.0   | 0.0   | 107   |
| 154.5 | 137.4 | 114   |
| 1.0   | 1.1   | 92    |
| 12.0  | 0.0   | 86    |
| 7.4   | 0.0   | 89    |
| 0.0   | 0.0   | 74    |
| 2.8   | 0.0   | 67    |
| 0.0   | 0.0   | 77    |
| 0.0   | 0.0   | 94    |
| 0.7   | 0.2   | 3126  |
| 3.3   | 5.2   | 3138  |
| 0.2   | 0.2   | 5720  |
| 0.5   | 0.3   | 5561  |
| 1.0   | 0.0   | 1348  |
| 9.7   | 6.2   | 1108  |
| 0.0   | 0.0   | 721   |
| 1.2   | 0.4   | 707   |
| 1.2   | 12.0  | 78    |
| 0.0   | 4.9   | 86    |
| 3.5   | 0.0   | 80    |
| 16.3  | 12.5  | 75    |
| 10.1  | 5.4   | 4548  |
| 19.8  | 27.3  | 1884  |
| 22.2  | 18.1  | 4238  |
| 6.0   | 3.4   | 16010 |
| 3.5   | 3.2   | 5984  |
| 3.4   | 1.6   | 3951  |
| 4.5   | 2.8   | 1834  |
| 0.7   | 0.4   | 24599 |
| 59.7  | 22.4  | 5808  |
| 8.9   | 5.9   | 5628  |
| 0.0   | 0.0   | 29624 |
| 0.1   | 0.0   | 1410  |
| 0.4   | 0.2   | 3307  |
| 0.0   | 0.0   | 28769 |
| 5.4   | 2.8   | 9623  |
| 0.4   | 0.4   | 5908  |
| 0.0   | 0.6   | 538   |
| 0.2   | 0.1   | 2020  |
| 0.0   | 0.0   | 5328  |
| 16.3  | 12.9  | 9580  |
| 4.4   | 1.5   | 2070  |
| 0.0   | 0.0   | 322   |

|      |      |      |
|------|------|------|
| 0.1  | 0.0  | 5084 |
| 1.4  | 1.7  | 3463 |
| 6.5  | 4.3  | 2103 |
| 18.0 | 23.1 | 2358 |
| 0.1  | 0.0  | 1953 |
| 1.4  | 0.3  | 3600 |
| 3.5  | 3.6  | 781  |
| 6.7  | 5.1  | 8163 |
| 18.8 | 32.5 | 8436 |
| 11.8 | 10.1 | 4526 |
| 0.3  | 0.0  | 3048 |
| 61.6 | 68.2 | 1585 |
| 26.4 | 18.0 | 4163 |
| 0.1  | 0.0  | 2944 |
| 2.4  | 2.2  | 6798 |
| 4.1  | 3.3  | 2368 |
| 8.0  | 5.3  | 5093 |
| 23.4 | 17.3 | 1051 |
| 5.4  | 3.5  | 2352 |
| 0.0  | 0.0  | 2877 |
| 14.9 | 16.5 | 1975 |
| 17.2 | 10.6 | 4538 |
| 0.2  | 0.0  | 4700 |
| 0.3  | 0.3  | 4030 |
| 0.2  | 0.0  | 3650 |
| 0.2  | 0.2  | 2397 |
| 21.6 | 16.3 | 2250 |

## Gene Description

gi|100349236|ref|NM\_014620.4| Homo sapiens homeobox C4 (HOXC4), transcript variant 1, mRNA; gi|931  
gi|100814338|ref|NM\_020879.2| Homo sapiens coiled-coil domain containing 146 (CCDC146), mRNA;  
gi|100814397|ref|NM\_006303.3| Homo sapiens aminoacyl tRNA synthetase complex-interacting multifunct  
gi|100815974|ref|NM\_016396.2| Homo sapiens CTD (carboxy-terminal domain, RNA polymerase II, polypep  
gi|100816391|ref|NM\_003934.1| Homo sapiens far upstream element (FUSE) binding protein 3 (FUBP3), m  
gi|100816406|ref|NM\_024685.3| Homo sapiens Bardet-Biedl syndrome 10 (BBS10), mRNA;  
gi|100913020|ref|NM\_001040668.1| Homo sapiens BCL2-like 12 (proline rich) (BCL2L12), transcript variant  
gi|100913029|ref|NM\_000112.3| Homo sapiens solute carrier family 26 (sulfate transporter), member 2 (SL  
gi|100913031|ref|NM\_153247.2| Homo sapiens solute carrier family 29 (nucleoside transporters), member  
gi|100913191|ref|NM\_001040633.1| Homo sapiens protein kinase, AMP-activated, gamma 2 non-catalytic  
gi|100913207|ref|NM\_001380.3| Homo sapiens dedicator of cytokinesis 1 (DOCK1), mRNA;  
gi|100913214|ref|NM\_005614.3| Homo sapiens Ras homolog enriched in brain (RHEB), mRNA;  
gi|100913215|ref|NM\_006080.2| Homo sapiens sema domain, immunoglobulin domain (Ig), short basic do  
gi|100913216|ref|NM\_015464.2| Homo sapiens sclerostin domain containing 1 (SOSTDC1), mRNA;  
gi|100913217|ref|NM\_052932.2| Homo sapiens transmembrane protein 123 (TMEM123), mRNA;  
gi|100913219|ref|NM\_001856.3| Homo sapiens collagen, type XVI, alpha 1 (COL16A1), mRNA;  
gi|10092690|ref|NM\_014428.1| Homo sapiens tight junction protein 3 (zona occludens 3) (TJP3), mRNA;  
gi|10190669|ref|NM\_020634.1| Homo sapiens growth differentiation factor 3 (GDF3), mRNA;  
gi|10190671|ref|NM\_020637.1| Homo sapiens fibroblast growth factor 22 (FGF22), mRNA;  
gi|10190679|ref|NM\_020646.1| Homo sapiens achaete-scute complex homolog 3 (Drosophila) (ASCL3), mR  
gi|10190697|ref|NM\_020660.1| Homo sapiens gap junction protein, delta 2, 36kDa (GJD2), mRNA;  
gi|102467241|ref|NM\_020238.2| Homo sapiens inner centromere protein antigens 135/155kDa (INCENP), i  
gi|102468569|ref|NM\_007359.4| Homo sapiens cancer susceptibility candidate 3 (CASC3), mRNA;  
gi|102468716|ref|NM\_005121.2| Homo sapiens mediator complex subunit 13 (MED13), mRNA;  
gi|102469033|ref|NM\_002227.2| Homo sapiens Janus kinase 1 (JAK1), mRNA;  
gi|102470000|ref|NM\_173479.3| Homo sapiens WD repeat domain 88 (WDR88), mRNA;  
gi|10337584|ref|NM\_021010.1| Homo sapiens defensin, alpha 5, Paneth cell-specific (DEFA5), mRNA;  
gi|10337586|ref|NM\_020996.1| Homo sapiens fibroblast growth factor 6 (FGF6), mRNA;  
gi|103471986|ref|NM\_016048.2| Homo sapiens isochorismatase domain containing 1 (ISOC1), mRNA;  
gi|103471988|ref|NM\_007059.2| Homo sapiens kaptin (actin binding protein) (KPTN), mRNA;  
gi|103471990|ref|NM\_175878.3| Homo sapiens XK, Kell blood group complex subunit-related family, mem  
gi|103471992|ref|NM\_015336.2| Homo sapiens zinc finger, DHHC-type containing 17 (ZDHHC17), mRNA;  
gi|103471994|ref|NM\_152546.2| Homo sapiens serum response factor binding protein 1 (SRFBP1), mRNA;  
gi|103472010|ref|NM\_001040697.1| Homo sapiens UEV and lactate/malate dehydrogenase domains (UEVLI  
gi|103472034|ref|NM\_000150.2| Homo sapiens fucosyltransferase 6 (alpha (1,3) fucosyltransferase) (FUT6  
gi|103485136|ref|NM\_001040702.1| Homo sapiens defensin, beta 104B (DEFB104B), mRNA;  
gi|103485138|ref|NM\_080389.2| Homo sapiens defensin, beta 104A (DEFB104A), mRNA;  
gi|103485140|ref|NM\_001040703.1| Homo sapiens defensin, beta 105B (DEFB105B), mRNA;  
gi|103485142|ref|NM\_001040704.1| Homo sapiens defensin, beta 106B (DEFB106B), mRNA;  
gi|103485144|ref|NM\_152251.3| Homo sapiens defensin, beta 106A (DEFB106A), mRNA;  
gi|103485146|ref|NM\_001040705.1| Homo sapiens defensin, beta 107B (DEFB107B), mRNA;  
gi|103485497|ref|NM\_004248.2| Homo sapiens prolactin releasing hormone receptor (PRLHR), mRNA;  
gi|104294873|ref|NM\_173484.3| Homo sapiens Kruppel-like factor 17 (KLF17), mRNA;  
gi|104294875|ref|NR\_003086.1| Homo sapiens hydroxysteroid (17-beta) dehydrogenase 7 pseudogene 2 (H  
gi|104294876|ref|NM\_014518.2| Homo sapiens zinc finger protein 229 (ZNF229), mRNA;  
gi|104485445|ref|NM\_138572.2| Homo sapiens TAF8 RNA polymerase II, TATA box binding protein (TBP)-a:

gi|104486445|ref|NM\_020247.4| Homo sapiens aarF domain containing kinase 3 (ADCK3), nuclear gene en

gi|104487296|ref|NM\_130854.2| Homo sapiens protein tyrosine phosphatase, receptor type, S (PTPRS), tra

gi|104876422|ref|NM\_006040.2| Homo sapiens heparan sulfate (glucosamine) 3-O-sulfotransferase 4 (HS3

gi|105553087|ref|NM\_004610.3| Homo sapiens t-complex 10 homolog (mouse) (TCP10), mRNA;

gi|105554405|ref|NM\_018708.2| Homo sapiens fem-1 homolog a (C. elegans) (FEM1A), mRNA;

gi|105554420|ref|NM\_001040709.1| Homo sapiens synaptophysin-like 2 (SYPL2), mRNA;

gi|105554436|ref|NM\_012182.2| Homo sapiens forkhead box B1 (FOXB1), mRNA;

gi|105554464|ref|NM\_001040710.1| Homo sapiens chromosome 2 open reading frame 84 (C2orf84), mRN

gi|105554499|ref|NR\_002791.2| Homo sapiens EMX2 opposite strand/antisense RNA (non-protein coding)

gi|105990515|ref|NM\_015850.3| Homo sapiens fibroblast growth factor receptor 1 (FGFR1), transcript vari

gi|105990523|ref|NM\_000182.4| Homo sapiens hydroxyacyl-CoA dehydrogenase/3-ketoacyl-CoA thiolase/

gi|105990524|ref|NM\_000183.2| Homo sapiens hydroxyacyl-CoA dehydrogenase/3-ketoacyl-CoA thiolase/

gi|105990527|ref|NM\_012258.3| Homo sapiens hairy/enhancer-of-split related with YRPW motif 1 (HEY1),

gi|105990529|ref|NM\_012259.2| Homo sapiens hairy/enhancer-of-split related with YRPW motif 2 (HEY2),

gi|105990530|ref|NM\_014571.3| Homo sapiens hairy/enhancer-of-split related with YRPW motif-like (HEYL

gi|105990531|ref|NM\_000384.2| Homo sapiens apolipoprotein B (including Ag(x) antigen) (APOB), mRNA;

gi|105990533|ref|NM\_000057.2| Homo sapiens Bloom syndrome, RecQ helicase-like (BLM), mRNA;

gi|105990540|ref|NM\_000350.2| Homo sapiens ATP-binding cassette, sub-family A (ABC1), member 4 (ABC

gi|106049527|ref|NM\_001040716.1| Homo sapiens pyruvate carboxylase (PC), nuclear gene encoding mito

gi|106507163|ref|NM\_001025300.2| Homo sapiens RAB12, member RAS oncogene family (RAB12), mRNA;

gi|106507203|ref|NM\_001040715.1| Homo sapiens KIAA0895-like (KIAA0895L), mRNA;

gi|106507209|ref|NM\_018847.2| Homo sapiens kelch-like 9 (Drosophila) (KLHL9), mRNA;

gi|106507238|ref|NM\_030796.3| Homo sapiens vesicular, overexpressed in cancer, prosurvival protein 1 (v

gi|106507260|ref|NM\_005396.4| Homo sapiens pancreatic lipase-related protein 2 (PNLIPRP2), mRNA;

gi|106507281|ref|NM\_006256.2| Homo sapiens protein kinase N2 (PKN2), mRNA;

gi|106775677|ref|NM\_001040874.1| Homo sapiens histone cluster 2, H2aa4 (HIST2H2AA4), mRNA;

gi|106775679|ref|NM\_001005464.2| Homo sapiens histone cluster 2, H3a (HIST2H3A), mRNA;

gi|106775680|ref|NM\_001034077.4| Homo sapiens histone cluster 2, H4b (HIST2H4B), mRNA;

gi|106879203|ref|NM\_178516.3| Homo sapiens exocyst complex component 3-like 1 (EXOC3L1), mRNA;

gi|106879205|ref|NM\_024644.2| Homo sapiens chromosome 14 open reading frame 169 (C14orf169), mRN

gi|106879209|ref|NM\_003028.2| Homo sapiens Src homology 2 domain containing adaptor protein B (SHB)

gi|107742131|ref|NM\_004211.3| Homo sapiens solute carrier family 6 (neurotransmitter transporter, glyci

gi|10800411|ref|NM\_012326.2| Homo sapiens microtubule-associated protein, RP/EB family, member 3 (N

gi|10800414|ref|NM\_002487.2| Homo sapiens necdin homolog (mouse) (NDN), mRNA;

gi|10834979|ref|NM\_000590.1| Homo sapiens interleukin 9 (IL9), mRNA;

gi|10835229|ref|NM\_005950.1| Homo sapiens metallothionein 1G (MT1G), mRNA;

gi|108389153|ref|NM\_207121.3| Homo sapiens family with sequence similarity 110, member A (FAM110A)

gi|108389175|ref|NM\_207346.2| Homo sapiens tRNA splicing endonuclease 54 homolog (S. cerevisiae) (TS

gi|10862687|ref|NM\_004690.2| Homo sapiens LATS, large tumor suppressor, homolog 1 (Drosophila) (LAT

gi|10863874|ref|NM\_021104.1| Homo sapiens ribosomal protein L41 (RPL41), transcript variant 1, mRNA; §

gi|10863902|ref|NM\_004238.1| Homo sapiens thyroid hormone receptor interactor 12 (TRIP12), mRNA;

gi|10863982|ref|NM\_021182.1| Homo sapiens histocompatibility (minor) HB-1 (HMHB1), mRNA;

gi|10864042|ref|NM\_021232.1| Homo sapiens proline dehydrogenase (oxidase) 2 (PRODH2), mRNA;

gi|10864046|ref|NM\_021235.1| Homo sapiens epidermal growth factor receptor pathway substrate 15-like

gi|10864056|ref|NM\_021247.1| Homo sapiens protamine 3 (PRM3), mRNA;

gi|108773774|ref|NM\_178175.3| Homo sapiens lipoma HMGIC fusion partner-like 1 (LHFPL1), mRNA;

gi|108773775|ref|NM\_005780.2| Homo sapiens lipoma HMGIC fusion partner (LHFP), mRNA;

gi|108773776|ref|NM\_005779.2| Homo sapiens lipoma HMGIC fusion partner-like 2 (LHFPL2), mRNA;  
gi|108773777|ref|NM\_199000.2| Homo sapiens lipoma HMGIC fusion partner-like 3 (LHFPL3), mRNA;  
gi|108773778|ref|NM\_182548.3| Homo sapiens lipoma HMGIC fusion partner-like 5 (LHFPL5), mRNA;  
gi|108773780|ref|NR\_003088.1| Homo sapiens ATP-binding cassette, sub-family C (CFTR/MRP), member 13 (ABCC13), mRNA;  
gi|108773781|ref|NM\_002940.2| Homo sapiens ATP-binding cassette, sub-family E (OABP), member 1 (ABCE1), mRNA;  
gi|108773786|ref|NM\_000321.2| Homo sapiens retinoblastoma 1 (RB1), mRNA;  
gi|108773788|ref|NM\_181558.2| Homo sapiens replication factor C (activator 1) 3, 38kDa (RFC3), transcript variant 1, mRNA;  
gi|108773791|ref|NM\_002926.3| Homo sapiens regulator of G-protein signaling 12 (RGS12), transcript variant 1, mRNA;  
gi|108773794|ref|NM\_000402.3| Homo sapiens glucose-6-phosphate dehydrogenase (G6PD), transcript variant 1, mRNA;  
gi|108773800|ref|NM\_000170.2| Homo sapiens glycine dehydrogenase (decarboxylating) (GLDC), nuclear gene, mRNA;  
gi|108773807|ref|NM\_016474.4| Homo sapiens chromosome 3 open reading frame 19 (C3orf19), mRNA;  
gi|108773809|ref|NM\_020117.9| Homo sapiens leucyl-tRNA synthetase (LARS), mRNA;  
gi|108773811|ref|NM\_198560.2| Homo sapiens lipoma HMGIC fusion partner-like 4 (LHFPL4), mRNA;  
gi|108796057|ref|NM\_001042368.1| Homo sapiens ral guanine nucleotide dissociation stimulator (RALGDS), mRNA;  
gi|108796648|ref|NM\_001042367.1| Homo sapiens chromosome 15 open reading frame 60 (C15orf60), mRNA;  
gi|108796660|ref|NM\_001012968.2| Homo sapiens spindlin family, member 4 (SPIN4), mRNA;  
gi|108796664|ref|NM\_138459.3| Homo sapiens nuclear undecaprenyl pyrophosphate synthase 1 homolog (NUPY1), mRNA;  
gi|10880974|ref|NM\_021179.1| Homo sapiens chromosome 1 open reading frame 114 (C1orf114), mRNA;  
gi|108860689|ref|NM\_004913.2| Homo sapiens chromosome 16 open reading frame 7 (C16orf7), mRNA;  
gi|108860696|ref|NM\_014630.2| Homo sapiens zinc finger protein 592 (ZNF592), mRNA;  
gi|108936949|ref|NM\_018246.2| Homo sapiens coiled-coil domain containing 25 (CCDC25), mRNA;  
gi|108936952|ref|NM\_001042388.1| Homo sapiens protein phosphatase 4, regulatory subunit 1 (PPP4R1), mRNA;  
gi|108936954|ref|NM\_021615.4| Homo sapiens carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 6 (UGT6), mRNA;  
gi|108936956|ref|NM\_005564.3| Homo sapiens lipocalin 2 (LCN2), mRNA;  
gi|108936957|ref|NM\_005828.3| Homo sapiens DDB1 and CUL4 associated factor 7 (DCAF7), mRNA;  
gi|109134326|ref|NM\_016125.3| Homo sapiens ring finger protein, transmembrane 1 (RNFT1), mRNA;  
gi|109134329|ref|NM\_032205.3| Homo sapiens PHD finger protein 20-like 1 (PHF20L1), transcript variant 2, mRNA;  
gi|109134333|ref|NM\_001042403.1| Homo sapiens ubiquitin specific peptidase 44 (USP44), transcript variant 1, mRNA;  
gi|109134337|ref|NM\_017855.3| Homo sapiens odontogenic, ameloblast associated (ODAM), mRNA;  
gi|109134343|ref|NM\_001018009.2| Homo sapiens SH3-domain binding protein 5 (BTK-associated) (SH3BP5), mRNA;  
gi|109134346|ref|NM\_001042399.1| Homo sapiens coiled-coil domain containing 41 (CCDC41), transcript variant 1, mRNA;  
gi|109134359|ref|NM\_004559.3| Homo sapiens Y box binding protein 1 (YBX1), mRNA;  
gi|109138566|ref|NM\_001042393.1| Homo sapiens protein tyrosine phosphatase, non-receptor type 20A (PTP20A), mRNA;  
gi|109138576|ref|NM\_001042365.2| Homo sapiens protein tyrosine phosphatase, non-receptor type 20B (PTP20B), mRNA;  
gi|109148506|ref|NM\_138716.2| Homo sapiens macrophage scavenger receptor 1 (MSR1), transcript variant 1, mRNA;  
gi|109148507|ref|NM\_017670.2| Homo sapiens OTU domain, ubiquitin aldehyde binding 1 (OTUB1), transcript variant 1, mRNA;  
gi|109148530|ref|NM\_139076.2| Homo sapiens family with sequence similarity 175, member A (FAM175A), mRNA;  
gi|109148536|ref|NM\_018140.3| Homo sapiens centrosomal protein 72kDa (CEP72), mRNA;  
gi|109148538|ref|NM\_178026.2| Homo sapiens gamma-glutamyltransferase 7 (GGT7), mRNA;  
gi|109148540|ref|NM\_005272.3| Homo sapiens guanine nucleotide binding protein (G protein), alpha transducin (GNA12), mRNA;  
gi|109148541|ref|NM\_001605.2| Homo sapiens alanyl-tRNA synthetase (AARS), mRNA;  
gi|109148543|ref|NM\_032878.3| Homo sapiens alkB, alkylation repair homolog 6 (E. coli) (ALKBH6), transcript variant 1, mRNA;  
gi|109148549|ref|NM\_014435.3| Homo sapiens N-acyl ethanolamine acid amidase (NAAA), transcript variant 1, mRNA;  
gi|109148551|ref|NM\_057088.2| Homo sapiens keratin 3 (KRT3), mRNA;  
gi|109150406|ref|NM\_130446.2| Homo sapiens kelch-like 6 (Drosophila) (KLHL6), mRNA;  
gi|109150411|ref|NM\_032933.4| Homo sapiens transmembrane protein 241 (TMEM241), mRNA;  
gi|109150415|ref|NM\_012293.1| Homo sapiens peroxidasin homolog (Drosophila) (PXDN), mRNA;

gi|109150417|ref|NM\_182935.2| Homo sapiens myelin-associated oligodendrocyte basic protein (MOBP), r

gi|109150418|ref|NM\_019005.3| Homo sapiens missing oocyte, meiosis regulator, homolog (Drosophila) (M

gi|109150420|ref|NM\_033083.6| Homo sapiens ELL associated factor 1 (EAF1), mRNA;

gi|109150421|ref|NM\_001042406.1| Homo sapiens 3-hydroxymethyl-3-methylglutaryl-CoA lyase-like 1 (HN

gi|109150430|ref|NM\_017999.4| Homo sapiens ring finger protein 31 (RNF31), mRNA;

gi|109150434|ref|NM\_001042410.1| Homo sapiens ankyrin repeat and zinc finger domain containing 1 (AN

gi|109240535|ref|NM\_144622.2| Homo sapiens DC-STAMP domain containing 2 (DCST2), mRNA;

gi|109240537|ref|NM\_032673.2| Homo sapiens polycomb group ring finger 1 (PCGF1), mRNA;

gi|109240539|ref|NM\_173539.2| Homo sapiens zinc finger protein 596 (ZNF596), transcript variant 3, mRN

gi|109240545|ref|NM\_021016.3| Homo sapiens pregnancy specific beta-1-glycoprotein 3 (PSG3), mRNA;

gi|109240555|ref|NM\_017987.4| Homo sapiens RUN and FYVE domain containing 2 (RUFY2), transcript var

gi|109255229|ref|NM\_001042404.1| Homo sapiens centrosomal protein 170kDa (CEP170), transcript varia

gi|109255233|ref|NM\_025114.3| Homo sapiens centrosomal protein 290kDa (CEP290), mRNA;

gi|109255238|ref|NM\_001042400.1| Homo sapiens centrosomal protein 63kDa (CEP63), transcript variant

gi|109255240|ref|NM\_000578.3| Homo sapiens solute carrier family 11 (proton-coupled divalent metal ion

gi|109255244|ref|NM\_004760.2| Homo sapiens serine/threonine kinase 17a (STK17A), mRNA;

gi|109255250|ref|NM\_000427.2| Homo sapiens lorcin (LOR), mRNA;

gi|109288005|ref|NM\_181599.2| Homo sapiens keratin associated protein 13-1 (KRTAP13-1), mRNA;

gi|109288007|ref|NM\_001039567.2| Homo sapiens ribosomal protein S4, Y-linked 2 (RPS4Y2), mRNA;

gi|109389356|ref|NM\_001032280.2| Homo sapiens transcription factor AP-2 alpha (activating enhancer bir

gi|109389361|ref|NM\_024590.3| Homo sapiens arylsulfatase family, member J (ARSJ), mRNA;

gi|109389363|ref|NM\_020682.3| Homo sapiens arsenic (+3 oxidation state) methyltransferase (AS3MT), m

gi|109452588|ref|NM\_001042429.1| Homo sapiens family with sequence similarity 98, member B (FAM98I

gi|109452594|ref|NM\_001042428.1| Homo sapiens zinc finger protein 205 (ZNF205), transcript variant 2, n

gi|109452596|ref|NM\_153810.4| Homo sapiens chromosome 10 open reading frame 46 (C10orf46), mRNA

gi|109452600|ref|NM\_004808.2| Homo sapiens N-myristoyltransferase 2 (NMT2), mRNA;

gi|109452601|ref|NM\_182554.2| Homo sapiens chromosome 10 open reading frame 53 (C10orf53), transc

gi|109452610|ref|NM\_024643.2| Homo sapiens zinc finger, C2HC-type containing 1C (ZC2HC1C), transcript

gi|109452624|ref|NM\_152734.3| Homo sapiens chromosome 6 open reading frame 89 (C6orf89), mRNA;

gi|10947033|ref|NM\_006454.2| Homo sapiens MAX dimerization protein 4 (MXD4), mRNA;

gi|109627653|ref|NM\_178466.3| Homo sapiens BPI fold containing family A, member 3 (BPIFA3), transcript

gi|109627660|ref|NM\_182526.2| Homo sapiens transmembrane protein 229B (TMEM229B), mRNA;

gi|109627666|ref|NM\_001039844.2| Homo sapiens acyl-CoA binding domain containing 7 (ACBD7), mRNA;

gi|109633016|ref|NM\_133334.2| Homo sapiens Wolf-Hirschhorn syndrome candidate 1 (WHSC1), transcrip

gi|109633020|ref|NM\_130762.2| Homo sapiens mucosal vascular addressin cell adhesion molecule 1 (MAD

gi|109633023|ref|NM\_052886.2| Homo sapiens mal, T-cell differentiation protein 2 (gene/pseudogene) (M

gi|109633027|ref|NM\_001042453.1| Homo sapiens serine/threonine protein kinase MST4 (MST4), transcri

gi|109633038|ref|NM\_130440.2| Homo sapiens protein tyrosine phosphatase, receptor type, F (PTPRF), tra

gi|109633042|ref|NM\_006750.3| Homo sapiens syntrophin, beta 2 (dystrophin-associated protein A1, 59kD

gi|109633043|ref|NM\_003896.3| Homo sapiens ST3 beta-galactoside alpha-2,3-sialyltransferase 5 (ST3GAL

gi|109637775|ref|NM\_001042412.1| Homo sapiens cylindromatosis (turban tumor syndrome) (CYLD), tran

gi|109637777|ref|NM\_016564.3| Homo sapiens cell cycle exit and neuronal differentiation 1 (CEND1), mRN

gi|109637778|ref|NM\_001042426.1| Homo sapiens centromere protein A (CENPA), transcript variant 2, mF

gi|109637783|ref|NM\_001042413.1| Homo sapiens GLIS family zinc finger 3 (GLIS3), transcript variant 1, m

gi|109637785|ref|NM\_013431.2| Homo sapiens killer cell lectin-like receptor subfamily C, member 4 (KLRC

gi|109637786|ref|NM\_002284.3| Homo sapiens keratin 86 (KRT86), mRNA;

gi|109637789|ref|NM\_021959.2| Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 11 (P



gi|109637790|ref|NM\_018429.2| Homo sapiens B double prime 1, subunit of RNA polymerase III transcripti  
 gi|109637792|ref|NM\_080742.2| Homo sapiens beta-1,3-glucuronyltransferase 2 (glucuronosyltransferase  
 gi|109637794|ref|NM\_198256.2| Homo sapiens E2F transcription factor 6 (E2F6), mRNA; gi|109638758|re  
 gi|109637796|ref|NM\_014582.2| Homo sapiens odorant binding protein 2A (OBP2A), mRNA;  
 gi|109637797|ref|NM\_134424.2| Homo sapiens RAD52 homolog (S. cerevisiae) (RAD52), mRNA;  
 gi|109638742|ref|NM\_031478.4| Homo sapiens family with sequence similarity 57, member B (FAM57B), n  
 gi|109638748|ref|NM\_006947.3| Homo sapiens signal recognition particle 72kDa (SRP72), mRNA;  
 gi|109638750|ref|NM\_004505.2| Homo sapiens ubiquitin specific peptidase 6 (Tre-2 oncogene) (USP6), mR  
 gi|109659835|ref|NM\_001042450.1| Homo sapiens solute carrier family 5 (sodium/glucose cotransporter),  
 gi|109659840|ref|NM\_152277.2| Homo sapiens ubiquitin domain containing 2 (UBTD2), mRNA;  
 gi|109659844|ref|NM\_182909.2| Homo sapiens filamin A interacting protein 1-like (FILIP1L), transcript vari  
 gi|109689694|ref|NM\_024080.4| Homo sapiens transient receptor potential cation channel, subfamily M, r  
 gi|109689698|ref|NM\_001042463.1| Homo sapiens transmembrane protein 80 (TMEM80), transcript varia  
 gi|109689702|ref|NM\_001042471.1| Homo sapiens gasdermin B (GSDMB), transcript variant 1, mRNA; gi|2  
 gi|109689704|ref|NM\_080829.2| Homo sapiens family with sequence similarity 65, member C (FAM65C), n  
 gi|109689709|ref|NM\_199260.2| Homo sapiens transmembrane phosphatase with tensin homology (TPTE)  
 gi|109689722|ref|NM\_005759.4| Homo sapiens abl-interactor 2 (ABI2), mRNA;  
 gi|109698594|ref|NM\_174894.1| Homo sapiens trafficking protein particle complex 5 (TRAPPC5), transcript  
 gi|109698602|ref|NM\_000086.2| Homo sapiens ceroid-lipofuscinosis, neuronal 3 (CLN3), transcript variant  
 gi|109698603|ref|NM\_018688.4| Homo sapiens bridging integrator 3 (BIN3), mRNA;  
 gi|109698605|ref|NM\_001188.3| Homo sapiens BCL2-antagonist/killer 1 (BAK1), mRNA;  
 gi|109698610|ref|NM\_174918.2| Homo sapiens chromosome 19 open reading frame 59 (C19orf59), mRNA  
 gi|109702898|ref|NM\_004514.3| Homo sapiens forkhead box K2 (FO XK2), mRNA;  
 gi|109702905|ref|NM\_005539.3| Homo sapiens inositol polyphosphate-5-phosphatase, 40kDa (INPP5A), m  
 gi|109715821|ref|NM\_022365.3| Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 1 (DNAJC1), r  
 gi|109715824|ref|NM\_152455.3| Homo sapiens zinc finger and SCAN domain containing 29 (ZSCAN29), mR  
 gi|109715826|ref|NM\_003420.3| Homo sapiens zinc finger protein 35 (ZNF35), mRNA;  
 gi|109715828|ref|NM\_024308.3| Homo sapiens dehydrogenase/reductase (SDR family) member 11 (DHRS:  
 gi|109715832|ref|NM\_001042474.1| Homo sapiens zinc finger protein 565 (ZNF565), transcript variant 1, n  
 gi|109715834|ref|NM\_022070.4| Homo sapiens HEAT repeat containing 6 (HEATR6), mRNA;  
 gi|109715836|ref|NM\_024574.3| Homo sapiens neuron-derived neurotrophic factor (NDNF), mRNA;  
 gi|109715840|ref|NM\_018836.3| Homo sapiens adherens junctions associated protein 1 (AJAP1), transcript  
 gi|109715845|ref|NM\_012396.3| Homo sapiens pleckstrin homology-like domain, family A, member 3 (PHL  
 gi|109715846|ref|NM\_198150.2| Homo sapiens arylsulfatase family, member K (ARSK), mRNA;  
 gi|109715847|ref|NM\_153712.4| Homo sapiens tubulin tyrosine ligase (TTL), mRNA;  
 gi|109715848|ref|NM\_206921.2| Homo sapiens centrosomal protein 85kDa-like (CEP85L), transcript varian  
 gi|109715850|ref|NM\_207303.2| Homo sapiens attractin-like 1 (ATRNL1), mRNA;  
 gi|109715855|ref|NM\_138326.2| Homo sapiens aminocarboxymuconate semialdehyde decarboxylase (ACM  
 gi|109715857|ref|NM\_014316.2| Homo sapiens calcium regulated heat stable protein 1, 24kDa (CARHSP1),  
 gi|109715859|ref|NM\_014718.3| Homo sapiens calsyntenin 3 (CLSTN3), mRNA;  
 gi|109715861|ref|NM\_001042480.1| Homo sapiens gem (nuclear organelle) associated protein 8 (GEMIN8)  
 gi|109715867|ref|NM\_152330.3| Homo sapiens FERM domain containing 6 (FRMD6), transcript variant 2, n  
 gi|109715868|ref|NM\_005250.2| Homo sapiens forkhead box L1 (FOXL1), mRNA;  
 gi|109809740|ref|NM\_016648.2| Homo sapiens La ribonucleoprotein domain family, member 7 (LARP7), tr  
 gi|109809758|ref|NM\_178011.3| Homo sapiens leucine rich repeat transmembrane neuronal 3 (LRRTM3), i  
 gi|109809760|ref|NM\_014445.3| Homo sapiens stress-associated endoplasmic reticulum protein 1 (SERP1)  
 gi|109826363|ref|NM\_024101.5| Homo sapiens melanophilin (MLPH), transcript variant 1, mRNA; gi|10982

gi|109826574|ref|NM\_012101.3| Homo sapiens tripartite motif containing 29 (TRIM29), mRNA;

gi|109948261|ref|NM\_001001479.2| Homo sapiens solute carrier family 35, member E4 (SLC35E4), mRNA;

gi|109948282|ref|NM\_014878.4| Homo sapiens KIAA0020 (KIAA0020), mRNA;

gi|109948284|ref|NM\_001042506.1| Homo sapiens poly(A) binding protein, cytoplasmic 1-like 2B (PABPC1);

gi|109948286|ref|NM\_014047.2| Homo sapiens chromosome 19 open reading frame 53 (C19orf53), mRNA;

gi|109948291|ref|NM\_020854.3| Homo sapiens KIAA1468 (KIAA1468), mRNA;

gi|109948293|ref|NM\_014051.3| Homo sapiens transmembrane protein 14A (TMEM14A), mRNA;

gi|109948298|ref|NM\_058173.2| Homo sapiens mucin-like 1 (MUCL1), mRNA;

gi|109948301|ref|NM\_014573.2| Homo sapiens transmembrane protein 97 (TMEM97), mRNA;

gi|109948303|ref|NM\_018225.2| Homo sapiens smu-1 suppressor of mec-8 and unc-52 homolog (C. elegans);

gi|109948306|ref|NM\_001042483.1| Homo sapiens nuclear protein, transcriptional regulator, 1 (NUPR1), transcript variant 1, mRNA;

gi|109948308|ref|NM\_020425.4| Homo sapiens chromosome 6 open reading frame 162 (C6orf162), transcript variant 1, mRNA;

gi|110224455|ref|NM\_001042496.1| Homo sapiens solute carrier family 12 (potassium/chloride transporter);

gi|110224464|ref|NM\_004855.4| Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class B (PI4B);

gi|110224467|ref|NM\_002643.3| Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class F (PI4F);

gi|110224468|ref|NM\_004569.3| Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class H (PI4H);

gi|110224469|ref|NM\_004278.3| Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class L (PI4L);

gi|110224470|ref|NM\_005482.2| Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class K (PI4K);

gi|110224471|ref|NM\_145167.2| Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class M (PI4M);

gi|110224474|ref|NM\_000314.4| Homo sapiens phosphatase and tensin homolog (PTEN), mRNA;

gi|110224477|ref|NM\_002778.2| Homo sapiens prosaposin (PSAP), transcript variant 1, mRNA; gi|110224478|ref|NM\_002778.2| Homo sapiens prosaposin (PSAP), transcript variant 2, mRNA;

gi|110224482|ref|NM\_000090.3| Homo sapiens collagen, type III, alpha 1 (COL3A1), mRNA;

gi|110225343|ref|NM\_020715.2| Homo sapiens pleckstrin homology domain containing, family H (with Myosin domain) (PHD);

gi|110225345|ref|NM\_030932.3| Homo sapiens diaphanous homolog 3 (Drosophila) (DIAPH3), transcript variant 1, mRNA;

gi|110225348|ref|NM\_001042518.1| Homo sapiens serpin peptidase inhibitor, clade A (alpha-1 antitrypsin) (SERPINA1);

gi|110225356|ref|NM\_006819.2| Homo sapiens stress-induced-phosphoprotein 1 (STIP1), mRNA;

gi|110225357|ref|NM\_020458.2| Homo sapiens tetratricopeptide repeat domain 7A (TTC7A), mRNA;

gi|110227583|ref|NM\_001042536.1| Homo sapiens inscuteable homolog (Drosophila) (INSC), transcript variant 1, mRNA;

gi|110227588|ref|NM\_001042510.1| Homo sapiens zinc finger protein 706 (ZNF706), transcript variant 1, mRNA;

gi|110227593|ref|NM\_033429.2| Homo sapiens calmodulin-like 4 (CALML4), transcript variant 1, mRNA; gi|110227594|ref|NM\_033429.2| Homo sapiens calmodulin-like 4 (CALML4), transcript variant 2, mRNA;

gi|110227597|ref|NM\_024829.5| Homo sapiens phospholipase B domain containing 1 (PLBD1), mRNA;

gi|110227599|ref|NM\_003566.3| Homo sapiens early endosome antigen 1 (EEA1), mRNA;

gi|110227612|ref|NM\_031946.4| Homo sapiens ArfGAP with GTPase domain, ankyrin repeat and PH domain (ARFGAP2);

gi|110227614|ref|NM\_153265.2| Homo sapiens echinoderm microtubule associated protein like 3 (EML3), transcript variant 1, mRNA;

gi|110227622|ref|NM\_032778.4| Homo sapiens MYC induced nuclear antigen (MINA), transcript variant 3, mRNA;

gi|110227628|ref|NM\_018430.2| Homo sapiens translin-associated factor X interacting protein 1 (TSNAXIP1);

gi|110227844|ref|NM\_024112.3| Homo sapiens chromosome 9 open reading frame 16 (C9orf16), mRNA;

gi|110227845|ref|NM\_032490.4| Homo sapiens chromosome 14 open reading frame 142 (C14orf142), mRNA;

gi|110227854|ref|NM\_003227.3| Homo sapiens transferrin receptor 2 (TFR2), transcript variant 1, mRNA; gi|110227855|ref|NM\_003227.3| Homo sapiens transferrin receptor 2 (TFR2), transcript variant 2, mRNA;

gi|110227855|ref|NM\_022445.3| Homo sapiens thiamin pyrophosphokinase 1 (TPK1), transcript variant 1, mRNA;

gi|110227858|ref|NM\_013293.3| Homo sapiens transformer 2 alpha homolog (Drosophila) (TRA2A), mRNA;

gi|110227859|ref|NM\_016305.2| Homo sapiens synovial sarcoma translocation gene on chromosome 18-like 1 (SS18L);

gi|110227860|ref|NM\_031286.3| Homo sapiens SH3 domain binding glutamic acid-rich protein like 3 (SH3BP1);

gi|110227861|ref|NM\_000682.5| Homo sapiens adrenergic, alpha-2B-, receptor (ADRA2B), mRNA;

gi|110227863|ref|NM\_032412.3| Homo sapiens cysteine-rich transmembrane module containing 1 (CYSTM1);

gi|110227864|ref|NM\_015584.3| Homo sapiens polymerase (DNA-directed), delta interacting protein 2 (PCID2);

gi|110238584|ref|NM\_032648.2| Homo sapiens family with sequence similarity 167, member B (FAM167B);

gi|110347413|ref|NM\_001042555.1| Homo sapiens fibroblast growth factor receptor substrate 2 (FRS2), tr  
 gi|110347424|ref|NM\_001042551.1| Homo sapiens structural maintenance of chromosomes 2 (SMC2), tra  
 gi|110347426|ref|NM\_014709.3| Homo sapiens ubiquitin specific peptidase 34 (USP34), mRNA;  
 gi|110347428|ref|NM\_005120.2| Homo sapiens mediator complex subunit 12 (MED12), mRNA;  
 gi|110347430|ref|NM\_001042544.1| Homo sapiens latent transforming growth factor beta binding protein  
 gi|110347438|ref|NM\_013362.2| Homo sapiens zinc finger protein 225 (ZNF225), mRNA;  
 gi|110347440|ref|NM\_006529.2| Homo sapiens glycine receptor, alpha 3 (GLRA3), transcript variant 1, mR  
 gi|110347442|ref|NM\_007114.2| Homo sapiens TATA element modulatory factor 1 (TMF1), mRNA;  
 gi|110347444|ref|NM\_006974.2| Homo sapiens zinc finger protein 33A (ZNF33A), transcript variant 2, mRN  
 gi|110347447|ref|NM\_004594.2| Homo sapiens solute carrier family 9, subfamily A (NHE5, cation proton a  
 gi|110347448|ref|NM\_006237.3| Homo sapiens POU class 4 homeobox 1 (POU4F1), mRNA;  
 gi|110347452|ref|NM\_004173.2| Homo sapiens solute carrier family 7 (orphan transporter), member 4 (SL  
 gi|110347454|ref|NM\_004575.2| Homo sapiens POU class 4 homeobox 2 (POU4F2), mRNA;  
 gi|110347456|ref|NM\_001409.3| Homo sapiens multiple EGF-like-domains 6 (MEGF6), mRNA;  
 gi|110347458|ref|NM\_001042539.1| Homo sapiens MYC-associated zinc finger protein (purine-binding tra  
 gi|110347462|ref|NM\_006734.3| Homo sapiens human immunodeficiency virus type I enhancer binding pr  
 gi|110347560|ref|NR\_003098.1| Homo sapiens small nucleolar RNA host gene 1 (non-protein coding) (SNH  
 gi|11034854|ref|NM\_020644.1| Homo sapiens TMEM9 domain family, member B (TMEM9B), mRNA;  
 gi|110349722|ref|NM\_006014.3| Homo sapiens L antigen family, member 3 (LAGE3), mRNA;  
 gi|110349724|ref|NM\_198207.2| Homo sapiens ceramide synthase 1 (CERS1), transcript variant 2, mRNA; g  
 gi|110349725|ref|NM\_002486.4| Homo sapiens nuclear cap binding protein subunit 1, 80kDa (NCBP1), mR  
 gi|110349726|ref|NM\_001042540.1| Homo sapiens nuclear cap binding protein subunit 2, 20kDa (NCBP2),  
 gi|110349737|ref|NM\_001032296.2| Homo sapiens serine/threonine kinase 24 (STK24), transcript variant 2  
 gi|110349739|ref|NM\_032272.4| Homo sapiens MAF1 homolog (S. cerevisiae) (MAF1), mRNA;  
 gi|110349745|ref|NM\_001042521.1| Homo sapiens chromosome 2 open reading frame 88 (C2orf88), trans  
 gi|110349749|ref|NM\_012213.2| Homo sapiens malonyl-CoA decarboxylase (MLYCD), nuclear gene encodi  
 gi|110349753|ref|NM\_005102.2| Homo sapiens fasciculation and elongation protein zeta 2 (zygin II) (FEZ2),  
 gi|110349757|ref|NM\_004762.2| Homo sapiens cytohesin 1 (CYTH1), transcript variant 1, mRNA; gi|110349  
 gi|110349758|ref|NM\_015471.3| Homo sapiens NSL1, MIND kinetochore complex component, homolog (S.  
 gi|110349764|ref|NM\_174891.3| Homo sapiens chromosome 14 open reading frame 79 (C14orf79), mRNA  
 gi|110349766|ref|NM\_000069.2| Homo sapiens calcium channel, voltage-dependent, L type, alpha 1S subu  
 gi|110349768|ref|NM\_024296.3| Homo sapiens coiled-coil domain containing 28B (CCDC28B), mRNA;  
 gi|110349770|ref|NM\_001031617.2| Homo sapiens COX19 cytochrome c oxidase assembly homolog (S. cer  
 gi|110349771|ref|NM\_000088.3| Homo sapiens collagen, type I, alpha 1 (COL1A1), mRNA;  
 gi|110349773|ref|NM\_016265.3| Homo sapiens zinc finger protein 12 (ZNF12), transcript variant 1, mRNA;  
 gi|110349777|ref|NM\_021148.2| Homo sapiens zinc finger protein 273 (ZNF273), transcript variant 1, mRN  
 gi|110349783|ref|NM\_000684.2| Homo sapiens adrenergic, beta-1-, receptor (ADRB1), mRNA;  
 gi|110349784|ref|NM\_018361.3| Homo sapiens 1-acylglycerol-3-phosphate O-acyltransferase 5 (lysophosp  
 gi|110349785|ref|NM\_015120.4| Homo sapiens Alstrom syndrome 1 (ALMS1), mRNA;  
 gi|110349787|ref|NM\_018489.2| Homo sapiens ash1 (absent, small, or homeotic)-like (Drosophila) (ASH1L)  
 gi|110349789|ref|NM\_203454.2| Homo sapiens apolipoprotein B mRNA editing enzyme, catalytic polypept  
 gi|110349791|ref|NM\_001492.4| Homo sapiens growth differentiation factor 1 (GDF1), mRNA;  
 gi|110349795|ref|NM\_178861.4| Homo sapiens ring finger protein 113B (RNF113B), mRNA;  
 gi|110349798|ref|NM\_007170.2| Homo sapiens testis-specific kinase 2 (TESK2), mRNA;  
 gi|110350667|ref|NM\_032935.2| Homo sapiens metallothionein 4 (MT4), mRNA;  
 gi|11037054|ref|NM\_003116.1| Homo sapiens sperm associated antigen 4 (SPAG4), mRNA;  
 gi|11038651|ref|NM\_004219.2| Homo sapiens pituitary tumor-transforming 1 (PTTG1), mRNA;

gi|110431335|ref|NM\_182572.3| Homo sapiens zinc finger and SCAN domain containing 1 (ZSCAN1), mRNA  
 gi|110431351|ref|NM\_001042574.1| Homo sapiens CREB regulated transcription coactivator 3 (CRTC3), tra  
 gi|110431363|ref|NM\_032575.2| Homo sapiens GLIS family zinc finger 2 (GLIS2), mRNA;  
 gi|110431365|ref|NM\_198585.2| Homo sapiens ectonucleoside triphosphate diphosphohydrolase 8 (ENTPD  
 gi|110431369|ref|NM\_031475.2| Homo sapiens espin (ESPN), mRNA;  
 gi|110556628|ref|NM\_173633.2| Homo sapiens transmembrane protein 145 (TMEM145), mRNA;  
 gi|110556635|ref|NM\_033396.2| Homo sapiens tankyrase 1 binding protein 1, 182kDa (TNKS1BP1), mRNA;  
 gi|110556639|ref|NM\_133636.2| Homo sapiens helicase, POLQ-like (HELQ), mRNA;  
 gi|110556643|ref|NM\_153813.2| Homo sapiens zinc finger protein, multitype 1 (ZFPM1), mRNA;  
 gi|110556645|ref|NM\_001042590.1| Homo sapiens transmembrane protein 8B (TMEM8B), transcript varia  
 gi|110556647|ref|NM\_130806.3| Homo sapiens relaxin/insulin-like family peptide receptor 2 (RXFP2), trans  
 gi|11056055|ref|NM\_021107.1| Homo sapiens mitochondrial ribosomal protein S12 (MRPS12), nuclear gen  
 gi|110578648|ref|NM\_020925.2| Homo sapiens cache domain containing 1 (CACHD1), mRNA;  
 gi|110578651|ref|NR\_003105.1| Homo sapiens Zwilch, kinetochore associated, homolog (Drosophila) (ZWII  
 gi|110578652|ref|NM\_138330.2| Homo sapiens zinc finger protein 675 (ZNF675), mRNA;  
 gi|110578656|ref|NM\_172367.2| Homo sapiens tumor suppressor candidate 5 (TUSC5), mRNA;  
 gi|110578658|ref|NM\_004488.2| Homo sapiens glycoprotein V (platelet) (GP5), mRNA;  
 gi|110578661|ref|NM\_178438.4| Homo sapiens late cornified envelope 5A (LCE5A), mRNA;  
 gi|110578664|ref|NM\_198849.2| Homo sapiens siah E3 ubiquitin protein ligase family member 3 (SIAH3), n  
 gi|110611147|ref|NM\_005701.3| Homo sapiens snurportin 1 (SNUPN), transcript variant 1, mRNA; gi|1106  
 gi|110611155|ref|NM\_006059.3| Homo sapiens laminin, gamma 3 (LAMC3), mRNA;  
 gi|110611168|ref|NM\_080722.3| Homo sapiens ADAM metalloproteinase with thrombospondin type 1 mot  
 gi|110611169|ref|NM\_139057.2| Homo sapiens ADAM metalloproteinase with thrombospondin type 1 mot  
 gi|110611175|ref|NM\_000843.3| Homo sapiens glutamate receptor, metabotropic 6 (GRM6), mRNA;  
 gi|110611177|ref|NM\_016366.2| Homo sapiens calcium binding protein 2 (CABP2), mRNA;  
 gi|110611219|ref|NM\_004587.2| Homo sapiens ribosome binding protein 1 homolog 180kDa (dog) (RRBP1  
 gi|110611225|ref|NM\_006377.3| Homo sapiens unc-13 homolog B (C. elegans) (UNC13B), mRNA;  
 gi|110611227|ref|NM\_007124.2| Homo sapiens utrophin (UTRN), mRNA;  
 gi|110611232|ref|NM\_130445.2| Homo sapiens collagen, type XVIII, alpha 1 (COL18A1), transcript variant 2  
 gi|110611236|ref|NM\_001994.2| Homo sapiens coagulation factor XIII, B polypeptide (F13B), mRNA;  
 gi|110611238|ref|NM\_000203.3| Homo sapiens iduronidase, alpha-L- (IDUA), mRNA;  
 gi|110611240|ref|NM\_172107.2| Homo sapiens potassium voltage-gated channel, KQT-like subfamily, men  
 gi|110611241|ref|NM\_002283.3| Homo sapiens keratin 85 (KRT85), mRNA;  
 gi|110611242|ref|NM\_002531.2| Homo sapiens neurotensin receptor 1 (high affinity) (NTSR1), mRNA;  
 gi|110611244|ref|NM\_000359.2| Homo sapiens transglutaminase 1 (K polypeptide epidermal type I, protei  
 gi|110611245|ref|NM\_022167.2| Homo sapiens xylosyltransferase II (XYLT2), mRNA;  
 gi|110611902|ref|NM\_017533.2| Homo sapiens myosin, heavy chain 4, skeletal muscle (MYH4), mRNA;  
 gi|110611907|ref|NM\_001042600.1| Homo sapiens mitogen-activated protein kinase kinase kinase :  
 gi|110611909|ref|NM\_024318.2| Homo sapiens leukocyte immunoglobulin-like receptor, subfamily A (with  
 gi|110611922|ref|NM\_014218.2| Homo sapiens killer cell immunoglobulin-like receptor, two domains, long  
 gi|110611924|ref|NM\_014262.3| Homo sapiens leprecan-like 2 (LEPREL2), mRNA;  
 gi|110618223|ref|NM\_001763.2| Homo sapiens CD1a molecule (CD1A), mRNA;  
 gi|110618225|ref|NM\_001764.2| Homo sapiens CD1b molecule (CD1B), mRNA;  
 gi|110618226|ref|NM\_001765.2| Homo sapiens CD1c molecule (CD1C), mRNA;  
 gi|110618228|ref|NM\_001766.3| Homo sapiens CD1d molecule (CD1D), mRNA;  
 gi|110618243|ref|NM\_001042603.1| Homo sapiens lysine (K)-specific demethylase 5A (KDM5A), mRNA;  
 gi|110618246|ref|NM\_017446.3| Homo sapiens mitochondrial ribosomal protein L39 (MRPL39), nuclear ge

gi|110618251|ref|NM\_000748.2| Homo sapiens cholinergic receptor, nicotinic, beta 2 (neuronal) (CHRNA2), mRNA;  
 gi|110618252|ref|NM\_005035.3| Homo sapiens polymerase (RNA) mitochondrial (DNA directed) (POLRM1), mRNA;  
 gi|110618255|ref|NM\_175057.3| Homo sapiens trace amine associated receptor 9 (gene/pseudogene) (TAAR9), mRNA;  
 gi|110624764|ref|NM\_002699.3| Homo sapiens POU class 3 homeobox 1 (POU3F1), mRNA;  
 gi|110624766|ref|NM\_006300.3| Homo sapiens zinc finger protein 230 (ZNF230), mRNA;  
 gi|110624767|ref|NM\_182562.2| Homo sapiens family with sequence similarity 169, member B (FAM169B), mRNA;  
 gi|110624780|ref|NM\_003802.2| Homo sapiens myosin, heavy chain 13, skeletal muscle (MYH13), mRNA;  
 gi|110624782|ref|NM\_172000.3| Homo sapiens transmembrane epididymal protein 1 (TEDDM1), mRNA;  
 gi|110624784|ref|NM\_176810.2| Homo sapiens NLR family, pyrin domain containing 13 (NLRP13), mRNA;  
 gi|110624789|ref|NM\_019114.3| Homo sapiens erythrocyte membrane protein band 4.1 like 4B (EPB41L4B), mRNA;  
 gi|110624791|ref|NM\_019001.3| Homo sapiens 5'-3' exoribonuclease 1 (XRN1), transcript variant 1, mRNA;  
 gi|110626170|ref|NM\_178455.1| Homo sapiens serine peptidase inhibitor, Kunitz type 4 (SPINT4), mRNA;  
 gi|110626176|ref|NM\_198535.1| Homo sapiens zinc finger protein 699 (ZNF699), mRNA;  
 gi|110671315|ref|NR\_003104.1| Homo sapiens protection of telomeres 1 homolog (S. pombe) (POT1), transcript variant 1, mRNA;  
 gi|110671328|ref|NM\_001918.2| Homo sapiens dihydrolipoamide branched chain transacylase E2 (DBT), mRNA;  
 gi|110681707|ref|NM\_152600.2| Homo sapiens zinc finger protein 579 (ZNF579), mRNA;  
 gi|110681709|ref|NM\_207338.2| Homo sapiens lactase-like (LCTL), mRNA;  
 gi|110681711|ref|NM\_138574.2| Homo sapiens hepatoma derived growth factor-like 1 (HDGFL1), mRNA;  
 gi|110681717|ref|NM\_015466.2| Homo sapiens protein tyrosine phosphatase, non-receptor type 23 (PTPN23), mRNA;  
 gi|110681720|ref|NM\_015613.2| Homo sapiens leucine-rich repeat, immunoglobulin-like and transmembrane domain containing 1 (LRR-IG-ITM1), mRNA;  
 gi|11072100|ref|NM\_012265.1| Homo sapiens rhomboid domain containing 3 (RHBDD3), mRNA;  
 gi|110735399|ref|NM\_001031680.2| Homo sapiens runt-related transcription factor 3 (RUNX3), transcript variant 1, mRNA;  
 gi|110735429|ref|NM\_005552.4| Homo sapiens kinesin light chain 1 (KLC1), transcript variant 1, mRNA; gi|110735432|ref|NM\_020406.2| Homo sapiens CD177 molecule (CD177), mRNA;  
 gi|110735434|ref|NM\_015719.3| Homo sapiens collagen, type V, alpha 3 (COL5A3), mRNA;  
 gi|110735436|ref|NM\_003393.3| Homo sapiens wingless-type MMTV integration site family, member 8B (WNT8B), mRNA;  
 gi|110735440|ref|NM\_139056.2| Homo sapiens ADAM metallopeptidase with thrombospondin type 1 motif 1 (ADAMTS1), mRNA;  
 gi|110735442|ref|NM\_005618.3| Homo sapiens delta-like 1 (Drosophila) (DLL1), mRNA;  
 gi|110735444|ref|NM\_001451.2| Homo sapiens forkhead box F1 (FOXF1), mRNA;  
 gi|110735447|ref|NM\_016436.4| Homo sapiens PHD finger protein 20 (PHF20), mRNA;  
 gi|110815797|ref|NM\_183378.2| Homo sapiens ovochymase 1 (OVCH1), mRNA;  
 gi|110815799|ref|NM\_024345.3| Homo sapiens DDB1 and CUL4 associated factor 10 (DCAF10), mRNA;  
 gi|110815801|ref|NM\_032307.3| Homo sapiens chromosome 9 open reading frame 64 (C9orf64), mRNA;  
 gi|110815806|ref|NM\_194320.2| Homo sapiens zinc finger protein 169 (ZNF169), mRNA;  
 gi|110815808|ref|NM\_017580.2| Homo sapiens zinc finger, RAN-binding domain containing 1 (ZRANB1), mRNA;  
 gi|110815812|ref|NM\_016376.3| Homo sapiens ankyrin repeat and FYVE domain containing 1 (ANKFY1), transcript variant 1, mRNA;  
 gi|110815833|ref|NM\_031456.3| Homo sapiens F-box and WD repeat domain containing 10 (FBXW10), mRNA;  
 gi|110815843|ref|NM\_032226.2| Homo sapiens zinc finger, CCHC domain containing 7 (ZCCHC7), mRNA;  
 gi|110815854|ref|NM\_015879.2| Homo sapiens ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 1 (ST8SIA1), mRNA;  
 gi|110825959|ref|NM\_005235.2| Homo sapiens v-erb-a erythroblastic leukemia viral oncogene homolog 4 (EVL), mRNA;  
 gi|110825960|ref|NM\_005484.3| Homo sapiens poly (ADP-ribose) polymerase 2 (PARP2), transcript variant 1, mRNA;  
 gi|110825964|ref|NM\_020375.2| Homo sapiens chromosome 12 open reading frame 5 (C12orf5), mRNA;  
 gi|110825977|ref|NM\_018370.2| Homo sapiens DNA-damage regulated autophagy modulator 1 (DRAM1), mRNA;  
 gi|110825979|ref|NM\_006851.2| Homo sapiens GLI pathogenesis-related 1 (GLIPR1), mRNA;  
 gi|110825983|ref|NM\_004225.2| Homo sapiens malignant fibrous histiocytoma amplified sequence 1 (MFH1), mRNA;  
 gi|110825987|ref|NM\_005646.3| Homo sapiens TAR (HIV-1) RNA binding protein 1 (TARBP1), mRNA;  
 gi|110832836|ref|NM\_020297.2| Homo sapiens ATP-binding cassette, sub-family C (CFTR/MRP), member 9 (ABCC9), mRNA;

gi|110832842|ref|NM\_003185.3| Homo sapiens TAF4 RNA polymerase II, TATA box binding protein (TBP)-a;  
gi|110835709|ref|NM\_006514.2| Homo sapiens sodium channel, voltage-gated, type X, alpha subunit (SCN;  
gi|110835716|ref|NM\_144647.3| Homo sapiens calcyphosine-like (CAPSL), transcript variant 1, mRNA; gi|110835717|ref|NM\_144647.3| Homo sapiens calcyphosine-like (CAPSL), transcript variant 2, mRNA;  
gi|111038119|ref|NM\_139246.4| Homo sapiens thiosulfate sulfurtransferase (rhodanese)-like domain cont  
gi|111038132|ref|NM\_015514.1| Homo sapiens neuroguidin, EIF4E binding protein (NGDN), transcript varia  
gi|111038136|ref|NM\_201648.2| Homo sapiens glycine-N-acyltransferase (GLYAT), nuclear gene encoding r  
gi|111074523|ref|NM\_138356.2| Homo sapiens Src homology 2 domain containing F (SHF), mRNA;  
gi|111074527|ref|NM\_001860.2| Homo sapiens solute carrier family 31 (copper transporters), member 2 (S  
gi|111074530|ref|NM\_012186.2| Homo sapiens forkhead box E3 (FOXEO3), mRNA;  
gi|111074531|ref|NM\_001042646.1| Homo sapiens trafficking protein, kinesin binding 1 (TRAK1), transcrip  
gi|111118958|ref|NM\_001042632.1| Homo sapiens sorting nexin family member 21 (SNX21), transcript var  
gi|111118969|ref|NM\_080680.2| Homo sapiens collagen, type XI, alpha 2 (COL11A2), transcript variant 1, n  
gi|111118973|ref|NM\_033150.2| Homo sapiens collagen, type II, alpha 1 (COL2A1), transcript variant 2, mF  
gi|111118979|ref|NM\_004442.6| Homo sapiens EPH receptor B2 (EPHB2), transcript variant 2, mRNA; gi|111118980|ref|NM\_024417.2| Homo sapiens ferredoxin reductase (FDXR), nuclear gene encoding mitocl  
gi|111118987|ref|NM\_033302.2| Homo sapiens adrenergic, alpha-1A-, receptor (ADRA1A), transcript varia  
gi|111118993|ref|NM\_001702.2| Homo sapiens brain-specific angiogenesis inhibitor 1 (BAI1), mRNA;  
gi|111119006|ref|NM\_014208.3| Homo sapiens dentin sialophosphoprotein (DSPP), mRNA;  
gi|111119011|ref|NM\_153717.2| Homo sapiens Ellis van Creveld syndrome (EVC), mRNA;  
gi|111119013|ref|NM\_002381.4| Homo sapiens matrilin 3 (MATN3), mRNA;  
gi|111120317|ref|NM\_006168.2| Homo sapiens NK6 homeobox 1 (NKX6-1), mRNA;  
gi|111120326|ref|NM\_014384.2| Homo sapiens acyl-CoA dehydrogenase family, member 8 (ACAD8), nucle  
gi|111120332|ref|NR\_003108.1| Homo sapiens neighbor of BRCA1 gene 2 (non-protein coding) (NBR2), non-coding RNA  
gi|111120335|ref|NM\_024580.5| Homo sapiens elongation factor Tu GTP binding domain containing 1 (EFT  
gi|111154061|ref|NM\_017846.4| Homo sapiens tRNA selenocysteine 1 associated protein 1 (TRNAU1AP), t  
gi|111154071|ref|NM\_023928.3| Homo sapiens acetoacetyl-CoA synthetase (AACS), mRNA;  
gi|111154073|ref|NM\_173496.3| Homo sapiens membrane protein, palmitoylated 7 (MAGUK p55 subfamil  
gi|111154085|ref|NM\_199320.2| Homo sapiens PHD finger protein 17 (PHF17), transcript variant L, mRNA;  
gi|111154086|ref|NM\_020631.3| Homo sapiens pleckstrin homology domain containing, family G (with Rho  
gi|111154098|ref|NM\_031305.2| Homo sapiens Rho GTPase activating protein 24 (ARHGAP24), transcript v  
gi|111159470|ref|NM\_002378.3| Homo sapiens megakaryocyte-associated tyrosine kinase (MATK), transcr  
gi|111160295|ref|NM\_005021.3| Homo sapiens ectonucleotide pyrophosphatase/phosphodiesterase 3 (EN  
gi|111160384|ref|NM\_033309.2| Homo sapiens UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransfe  
gi|111160499|ref|NM\_012230.3| Homo sapiens POM121 and ZP3 fusion (POMZP3), transcript variant 1, m  
gi|111160871|ref|NM\_003468.3| Homo sapiens frizzled family receptor 5 (FZD5), mRNA;  
gi|111160875|ref|NM\_006838.3| Homo sapiens methionyl aminopeptidase 2 (METAP2), mRNA;  
gi|111160877|ref|NM\_003369.3| Homo sapiens UV radiation resistance associated gene (UVRAG), mRNA;  
gi|111161293|ref|NM\_005746.2| Homo sapiens nicotinamide phosphoribosyltransferase (NAMPT), mRNA;  
gi|111185921|ref|NM\_174899.4| Homo sapiens F-box protein 36 (FBXO36), mRNA;  
gi|111185943|ref|NM\_144628.2| Homo sapiens TBC1 domain family, member 20 (TBC1D20), mRNA;  
gi|111185955|ref|NM\_145231.2| Homo sapiens EF-hand calcium binding domain 11 (EFCAB11), mRNA;  
gi|11119429|ref|NM\_021733.1| Homo sapiens testis-specific serine kinase substrate (TSKS), mRNA;  
gi|11120735|ref|NM\_012146.1| Homo sapiens double homeobox 1 (DUX1), mRNA;  
gi|111378384|ref|NR\_003111.1| Homo sapiens ribosomal protein L32 pseudogene 3 (RPL32P3), non-coding  
gi|111378385|ref|NM\_021731.2| Homo sapiens major facilitator superfamily domain containing 12 (MFSD1  
gi|111378389|ref|NM\_014240.2| Homo sapiens LIM domains containing 1 (LIMD1), mRNA;  
gi|11138122|ref|NM\_020402.2| Homo sapiens cholinergic receptor, nicotinic, alpha 10 (neuronal) (CHRNA1

gi|111494228|ref|NM\_032906.3| Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class Y (PI  
gi|111494236|ref|NM\_001042685.1| Homo sapiens lectin, galactoside-binding, soluble, 9B (LGALS9B), mRN  
gi|111494238|ref|NM\_001040078.2| Homo sapiens lectin, galactoside-binding, soluble, 9C (LGALS9C), mRN  
gi|111494247|ref|NM\_001042678.1| Homo sapiens ras homolog family member C (RHOC), transcript varia  
gi|111548659|ref|NM\_001042690.1| Homo sapiens Myb/SANT-like DNA-binding domain containing 1 (MSA  
gi|111548661|ref|NM\_001042693.1| Homo sapiens family with sequence similarity 159, member A (FAM11  
gi|111548664|ref|NM\_001005473.2| Homo sapiens phosphatidylinositol-specific phospholipase C, X domai  
gi|111548667|ref|NM\_001001411.2| Homo sapiens zinc finger protein 676 (ZNF676), mRNA;  
gi|111548669|ref|NM\_153376.2| Homo sapiens coiled-coil domain containing 96 (CCDC96), mRNA;  
gi|111548672|ref|NM\_181885.2| Homo sapiens relaxin/insulin-like family peptide receptor 4 (RXFP4), mRN  
gi|111607440|ref|NM\_001012991.2| Homo sapiens chromosome 16 open reading frame 88 (C16orf88), mRN  
gi|111607458|ref|NM\_001042698.1| Homo sapiens zinc finger, SWIM-type containing 7 (ZSWIM7), transcri  
gi|111607476|ref|NM\_014042.2| Homo sapiens chromosome 11 open reading frame 51 (C11orf51), mRNA  
gi|111607477|ref|NM\_198504.2| Homo sapiens progesterone and adiponectin receptor family member IX (PAQR9),  
gi|111607478|ref|NM\_001010893.2| Homo sapiens solute carrier family 10 (sodium/bile acid cotransporte  
gi|11184232|ref|NM\_017545.2| Homo sapiens hydroxyacid oxidase (glycolate oxidase) 1 (HAO1), mRNA;  
gi|111955083|ref|NM\_014984.2| Homo sapiens 5-azacytidine induced 1 (AZI1), transcript variant 1, mRNA;  
gi|111955086|ref|NM\_001009921.2| Homo sapiens vacuolar protein sorting 8 homolog (S. cerevisiae) (VPS  
gi|112181170|ref|NM\_152399.2| Homo sapiens transmembrane protein 155 (TMEM155), mRNA;  
gi|112181176|ref|NM\_001001524.2| Homo sapiens transmembrane 6 superfamily member 2 (TM6SF2), m  
gi|11225606|ref|NM\_017416.1| Homo sapiens interleukin 1 receptor accessory protein-like 2 (IL1RAPL2), n  
gi|112293256|ref|NM\_015171.2| Homo sapiens exportin 6 (XPO6), mRNA;  
gi|112293257|ref|NM\_016076.3| Homo sapiens PPPDE peptidase domain containing 1 (PPPDE1), mRNA;  
gi|112293258|ref|NM\_001736.3| Homo sapiens complement component 5a receptor 1 (C5AR1), mRNA;  
gi|112293276|ref|NM\_014280.2| Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 8 (DNAJC8), r  
gi|112293284|ref|NM\_006717.2| Homo sapiens spindlin 1 (SPIN1), mRNA;  
gi|112293286|ref|NM\_014290.2| Homo sapiens tudor domain containing 7 (TDRD7), mRNA;  
gi|112363079|ref|NM\_015112.2| Homo sapiens microtubule associated serine/threonine kinase 2 (MAST2)  
gi|112363095|ref|NM\_001042758.1| Homo sapiens SLIT-ROBO Rho GTPase activating protein 2 (SRGAP2), 1  
gi|112363101|ref|NM\_080546.3| Homo sapiens solute carrier family 44, member 1 (SLC44A1), mRNA;  
gi|112380625|ref|NM\_000443.3| Homo sapiens ATP-binding cassette, sub-family B (MDR/TAP), member 4  
gi|112380627|ref|NM\_005561.3| Homo sapiens lysosomal-associated membrane protein 1 (LAMP1), mRNA/  
gi|112380629|ref|NM\_012134.2| Homo sapiens leiomodulin 1 (smooth muscle) (LMOD1), mRNA;  
gi|112382209|ref|NM\_005406.2| Homo sapiens Rho-associated, coiled-coil containing protein kinase 1 (RO  
gi|112382210|ref|NM\_005216.4| Homo sapiens dolichyl-diphosphooligosaccharide--protein glycosyltransfe  
gi|112382213|ref|NM\_001042734.1| Homo sapiens SEC24 family, member B (S. cerevisiae) (SEC24B), trans  
gi|112382219|ref|NM\_004070.3| Homo sapiens chloride channel, voltage-sensitive Ka (CLCNKA), transcript  
gi|112382223|ref|NM\_001042681.1| Homo sapiens arginine-glutamic acid dipeptide (RE) repeats (RERE), tr  
gi|112382228|ref|NM\_005899.3| Homo sapiens neighbor of BRCA1 gene 1 (NBR1), transcript variant 1, mR  
gi|112382236|ref|NM\_145728.2| Homo sapiens synemin, intermediate filament protein (SYNM), transcript  
gi|112382243|ref|NM\_001042747.1| Homo sapiens Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene  
gi|112382245|ref|NM\_004057.2| Homo sapiens S100 calcium binding protein G (S100G), mRNA;  
gi|112382246|ref|NM\_000436.3| Homo sapiens 3-oxoacid CoA transferase 1 (OXCT1), nuclear gene encodi  
gi|112382247|ref|NM\_032102.2| Homo sapiens serine/arginine-rich splicing factor 8 (SRSF8), mRNA;  
gi|112382248|ref|NM\_032802.3| Homo sapiens signal peptide peptidase like 2A (SPPL2A), mRNA;  
gi|112382251|ref|NM\_178313.2| Homo sapiens spectrin, beta, non-erythrocytic 1 (SPTBN1), transcript vari  
gi|112382253|ref|NM\_003173.2| Homo sapiens suppressor of variegation 3-9 homolog 1 (Drosophila) (SUV

gi|112382255|ref|NM\_018725.3| Homo sapiens interleukin 17 receptor B (IL17RB), mRNA;

gi|112382256|ref|NM\_176877.2| Homo sapiens InaD-like (Drosophila) (INADL), mRNA;

gi|112382269|ref|NM\_016155.4| Homo sapiens matrix metalloproteinase 17 (membrane-inserted) (MMP17), mRNA;

gi|112382284|ref|NM\_004455.2| Homo sapiens exostoses (multiple)-like 1 (EXTL1), mRNA;

gi|112382371|ref|NM\_018284.2| Homo sapiens guanylate binding protein 3 (GBP3), mRNA;

gi|112382373|ref|NM\_031460.3| Homo sapiens potassium channel, subfamily K, member 17 (KCNK17), transcript variant 1, mRNA;

gi|112382374|ref|NM\_032409.2| Homo sapiens PTEN induced putative kinase 1 (PINK1), nuclear gene, mRNA;

gi|112382375|ref|NM\_012249.3| Homo sapiens ras homolog family member Q (RHOQ), mRNA;

gi|112382376|ref|NM\_014501.2| Homo sapiens ubiquitin-conjugating enzyme E2S (UBE2S), mRNA;

gi|112420957|ref|NM\_181808.2| Homo sapiens polymerase (DNA directed) nu (POLN), mRNA;

gi|112420967|ref|NM\_001042784.1| Homo sapiens coiled-coil domain containing 158 (CCDC158), mRNA;

gi|112420980|ref|NM\_182557.2| Homo sapiens B-cell CLL/lymphoma 9-like (BCL9L), mRNA;

gi|112420991|ref|NM\_173689.5| Homo sapiens crumbs homolog 2 (Drosophila) (CRB2), mRNA;

gi|112421012|ref|NM\_020808.3| Homo sapiens signal-induced proliferation-associated 1 like 2 (SIPA1L2), mRNA;

gi|112421107|ref|NM\_015125.3| Homo sapiens capicua homolog (Drosophila) (CIC), mRNA;

gi|112421121|ref|NM\_015268.3| Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 13 (DNAJC13), mRNA;

gi|112421126|ref|NM\_015431.3| Homo sapiens tripartite motif containing 58 (TRIM58), mRNA;

gi|112421133|ref|NM\_018958.2| Homo sapiens chromosome 15 open reading frame 2 (C15orf2), mRNA;

gi|112734764|ref|NR\_003129.1| Homo sapiens ring finger protein 5, E3 ubiquitin protein ligase pseudogene, mRNA;

gi|112734776|ref|NR\_003132.1| Homo sapiens heat shock protein 90kDa alpha (cytosolic), class B member 1, mRNA;

gi|112734798|ref|NR\_003136.1| Homo sapiens FBXO22 antisense RNA 1 (non-protein coding) (FBXO22-AS1), mRNA;

gi|112734805|ref|NR\_003139.1| Homo sapiens small Cajal body-specific RNA 18 (SCARNA18), guide RNA;

gi|112734811|ref|NR\_003140.1| Homo sapiens small nucleolar RNA, C/D box 117 (SNORD117), small nuclear RNA;

gi|112734812|ref|NR\_003144.1| Homo sapiens acidic (leucine-rich) nuclear phosphoprotein 32 family, member 1, mRNA;

gi|112734839|ref|NM\_153487.3| Homo sapiens MAM domain containing glycosylphosphatidylinositol anchor, mRNA;

gi|112734844|ref|NM\_020882.2| Homo sapiens collagen, type XX, alpha 1 (COL20A1), mRNA;

gi|112734856|ref|NM\_001009993.2| Homo sapiens family with sequence similarity 168, member B (FAM168B), mRNA;

gi|112734858|ref|NM\_018293.2| Homo sapiens zinc finger protein 654 (ZNF654), mRNA;

gi|112734862|ref|NM\_001043229.1| Homo sapiens methyltransferase like 12 (METTL12), nuclear gene, mRNA;

gi|112734864|ref|NM\_020794.2| Homo sapiens leucine rich repeat containing 7 (LRR7), mRNA;

gi|112734865|ref|NM\_018085.4| Homo sapiens importin 9 (IPO9), mRNA;

gi|112734866|ref|NM\_020366.3| Homo sapiens retinitis pigmentosa GTPase regulator interacting protein 1 (RPI1), mRNA;

gi|112784977|ref|NM\_001029861.2| Homo sapiens nanos homolog 2 (Drosophila) (NANOS2), mRNA;

gi|112789525|ref|NM\_001042749.1| Homo sapiens stromal antigen 2 (STAG2), transcript variant 1, mRNA;

gi|112789534|ref|NM\_002856.2| Homo sapiens poliovirus receptor-related 2 (herpesvirus entry mediator 1), mRNA;

gi|112789544|ref|NM\_022116.3| Homo sapiens fidgetin-like 1 (FIGNL1), transcript variant 2, mRNA;

gi|112789547|ref|NM\_001042771.1| Homo sapiens lymphocyte-specific protein tyrosine kinase (LCK), transcript variant 1, mRNA;

gi|112789549|ref|NM\_006437.3| Homo sapiens poly (ADP-ribose) polymerase family, member 4 (PARP4), mRNA;

gi|112789551|ref|NM\_004565.2| Homo sapiens peroxisomal biogenesis factor 14 (PEX14), mRNA;

gi|112789552|ref|NM\_020820.3| Homo sapiens phosphatidylinositol-3,4,5-trisphosphate-dependent Rac effector 1, mRNA;

gi|112789553|ref|NM\_017419.2| Homo sapiens acid-sensing (proton-gated) ion channel family member 5 (ASIC5), mRNA;

gi|112789554|ref|NM\_133638.3| Homo sapiens ADAM metalloproteinase with thrombospondin type 1 motifs, mRNA;

gi|112789558|ref|NM\_198968.2| Homo sapiens DAZ interacting protein 1 (DZIP1), transcript variant 2, mRNA;

gi|112789559|ref|NM\_058243.2| Homo sapiens bromodomain containing 4 (BRD4), transcript variant long, mRNA;

gi|112789561|ref|NM\_005531.2| Homo sapiens interferon, gamma-inducible protein 16 (IFI16), transcript variant 1, mRNA;

gi|112789563|ref|NM\_020124.2| Homo sapiens interferon, kappa (IFNK), mRNA;

gi|112789565|ref|NM\_152232.2| Homo sapiens taste receptor, type 1, member 2 (TAS1R2), mRNA;



gi|112790162|ref|NM\_005955.2| Homo sapiens metal-regulatory transcription factor 1 (MTF1), mRNA;  
 gi|112799845|ref|NM\_005426.2| Homo sapiens tumor protein p53 binding protein, 2 (TP53BP2), transcript  
 gi|112799846|ref|NM\_001035.2| Homo sapiens ryanodine receptor 2 (cardiac) (RYR2), mRNA;  
 gi|112807172|ref|NM\_182971.2| Homo sapiens cytochrome c oxidase subunit VIIIc (COX8C), nuclear gene  
 gi|112807212|ref|NM\_022166.3| Homo sapiens xylosyltransferase I (XYLT1), mRNA;  
 gi|112807213|ref|NM\_030824.2| Homo sapiens zinc finger protein 442 (ZNF442), mRNA;  
 gi|112807224|ref|NM\_194278.3| Homo sapiens chromosome 14 open reading frame 43 (C14orf43), transcr  
 gi|112807233|ref|NM\_148963.2| Homo sapiens G protein-coupled receptor, family C, group 6, member A (GPRIN  
 gi|112821680|ref|NM\_052899.2| Homo sapiens G protein regulated inducer of neurite outgrowth 1 (GPRIN  
 gi|112821687|ref|NM\_014696.3| Homo sapiens G protein regulated inducer of neurite outgrowth 2 (GPRIN  
 gi|112821689|ref|NM\_198281.2| Homo sapiens GPRIN family member 3 (GPRIN3), mRNA;  
 gi|112983682|ref|NM\_152475.2| Homo sapiens zinc finger protein 417 (ZNF417), mRNA;  
 gi|113204433|ref|NM\_003607.3| Homo sapiens CDC42 binding protein kinase alpha (DMPK-like) (CDC42BP  
 gi|113204603|ref|NM\_006492.2| Homo sapiens ALX homeobox 3 (ALX3), mRNA;  
 gi|113204606|ref|NM\_003446.3| Homo sapiens zinc finger protein 157 (ZNF157), mRNA;  
 gi|113204608|ref|NM\_024702.2| Homo sapiens zinc finger protein 750 (ZNF750), mRNA;  
 gi|113204614|ref|NM\_000540.2| Homo sapiens ryanodine receptor 1 (skeletal) (RYR1), transcript variant 1,  
 gi|113204620|ref|NM\_021940.3| Homo sapiens small ArfGAP 1 (SMAP1), transcript variant 2, mRNA; gi|11  
 gi|113204623|ref|NM\_032193.3| Homo sapiens ribonuclease H2, subunit C (RNASEH2C), mRNA;  
 gi|113204625|ref|NM\_000050.4| Homo sapiens argininosuccinate synthase 1 (ASS1), transcript variant 1, n  
 gi|113204626|ref|NM\_001044370.1| Homo sapiens metallophosphoesterase domain containing 1 (MPPED  
 gi|113205082|ref|NM\_001044388.1| Homo sapiens zinc finger protein 557 (ZNF557), transcript variant 3, n  
 gi|113205084|ref|NM\_024727.2| Homo sapiens leucine rich repeat containing 31 (LRRC31), mRNA;  
 gi|113205086|ref|NM\_024898.2| Homo sapiens DENN/MADD domain containing 1C (DENND1C), mRNA;  
 gi|113205088|ref|NM\_024772.3| Homo sapiens zinc finger, MYM-type 1 (ZMYM1), mRNA;  
 gi|113205090|ref|NM\_025045.4| Homo sapiens BAI1-associated protein 2-like 2 (BAIAP2L2), mRNA;  
 gi|11321641|ref|NM\_014577.1| Homo sapiens bromodomain containing 1 (BRD1), mRNA;  
 gi|113374155|ref|NM\_145206.2| Homo sapiens vesicle transport through interaction with t-SNAREs homol  
 gi|113403784|ref|XM\_001130683.1| PREDICTED: Homo sapiens UPF0627 protein ENSP00000341061/ENSP  
 gi|113415538|ref|XM\_001129558.1| PREDICTED: Homo sapiens hypothetical protein LOC729175 (LOC7291  
 gi|113421749|ref|XM\_001126459.1| PREDICTED: Homo sapiens hypothetical protein LOC728065 (LOC7280  
 gi|11342663|ref|NM\_002463.1| Homo sapiens myxovirus (influenza virus) resistance 2 (mouse) (MX2), mRI  
 gi|11345491|ref|NM\_021947.1| Homo sapiens serine racemase (SRR), mRNA;  
 gi|113462011|ref|NM\_004384.3| Homo sapiens casein kinase 1, gamma 3 (CSNK1G3), transcript variant 1, i  
 gi|113680889|ref|NM\_133458.2| Homo sapiens zinc finger protein 90 homolog (mouse) (ZFP90), mRNA;  
 gi|113722109|ref|NM\_024675.3| Homo sapiens partner and localizer of BRCA2 (PALB2), mRNA;  
 gi|113722110|ref|NM\_024420.2| Homo sapiens phospholipase A2, group IVA (cytosolic, calcium-dependen  
 gi|113722111|ref|NM\_000929.2| Homo sapiens phospholipase A2, group V (PLA2G5), mRNA;  
 gi|113722114|ref|NM\_173467.4| Homo sapiens malonyl CoA:ACP acyltransferase (mitochondrial) (MCAT),  
 gi|113722115|ref|NM\_025179.3| Homo sapiens plexin A2 (PLXNA2), mRNA;  
 gi|113722118|ref|NM\_000372.4| Homo sapiens tyrosinase (oculocutaneous albinism IA) (TYR), mRNA;  
 gi|113722119|ref|NM\_032119.3| Homo sapiens G protein-coupled receptor 98 (GPR98), transcript variant :  
 gi|113722122|ref|NM\_005191.3| Homo sapiens CD80 molecule (CD80), mRNA;  
 gi|113722123|ref|NM\_005159.4| Homo sapiens actin, alpha, cardiac muscle 1 (ACTC1), mRNA;  
 gi|113722124|ref|NM\_005540.2| Homo sapiens inositol polyphosphate-5-phosphatase, 75kDa (INPP5B), nu  
 gi|113722132|ref|NM\_015046.5| Homo sapiens senataxin (SETX), mRNA;  
 gi|11386152|ref|NM\_003554.1| Homo sapiens olfactory receptor, family 1, subfamily E, member 2 (OR1E2)

gi|113865882|ref|NM\_001045476.1| Homo sapiens WD repeat domain 38 (WDR38), mRNA;

gi|113865932|ref|NM\_001045480.1| Homo sapiens PRAME family member 16 (PRAMEF16), mRNA;

gi|113865938|ref|NM\_001045479.1| Homo sapiens S100 calcium binding protein A7-like 2 (S100A7L2), mRNA;

gi|113879454|ref|NM\_012382.2| Homo sapiens tetratricopeptide repeat domain 33 (TTC33), mRNA;

gi|113951732|ref|NM\_012095.4| Homo sapiens adaptor-related protein complex 3, mu 1 subunit (AP3M1), mRNA;

gi|114145480|ref|NM\_005863.3| Homo sapiens neuroepithelial cell transforming 1 (NET1), transcript variant 1, mRNA;

gi|11415033|ref|NM\_003555.1| Homo sapiens olfactory receptor, family 1, subfamily G, member 1 (OR1G1), mRNA;

gi|114155130|ref|NM\_014762.3| Homo sapiens 24-dehydrocholesterol reductase (DHCR24), mRNA;

gi|114155131|ref|NM\_003777.3| Homo sapiens dynein, axonemal, heavy chain 11 (DNAH11), mRNA;

gi|114155134|ref|NM\_004662.2| Homo sapiens dynein, axonemal, heavy chain 9 (DNAH9), transcript variant 1, mRNA;

gi|114155139|ref|NM\_152263.2| Homo sapiens tropomyosin 3 (TPM3), transcript variant 1, mRNA; gi|114155141|ref|NM\_003292.2| Homo sapiens translocated promoter region, nuclear basket protein (TPR), mRNA;

gi|114155149|ref|NM\_020311.2| Homo sapiens chemokine (C-X-C motif) receptor 7 (CXCR7), mRNA;

gi|114155157|ref|NM\_005447.3| Homo sapiens Ras association (RalGDS/AF-6) domain family (N-terminal) 1, mRNA;

gi|114155159|ref|NM\_003004.2| Homo sapiens secreted and transmembrane 1 (SECTM1), mRNA;

gi|114158663|ref|NM\_001047980.1| Homo sapiens neuroblastoma breakpoint family, member 7 (NBPF7), mRNA;

gi|114158670|ref|NM\_015425.3| Homo sapiens polymerase (RNA) I polypeptide A, 194kDa (POLR1A), mRNA;

gi|114199474|ref|NM\_014396.3| Homo sapiens vacuolar protein sorting 41 homolog (S. cerevisiae) (VPS41), mRNA;

gi|114205382|ref|NM\_002980.2| Homo sapiens secretin receptor (SCTR), mRNA;

gi|114205409|ref|NM\_015912.3| Homo sapiens family with sequence similarity 135, member B (FAM135B), mRNA;

gi|114326551|ref|NM\_015026.2| Homo sapiens MON2 homolog (S. cerevisiae) (MON2), mRNA;

gi|114431235|ref|NM\_021224.4| Homo sapiens zinc finger protein 462 (ZNF462), mRNA;

gi|114431243|ref|NM\_152718.2| Homo sapiens von Willebrand factor C and EGF domains (VWCE), mRNA;

gi|114431245|ref|NM\_181535.3| Homo sapiens keratin 28 (KRT28), mRNA;

gi|114431247|ref|NM\_001009899.2| Homo sapiens KIAA2018 (KIAA2018), mRNA;

gi|114520588|ref|NM\_006272.2| Homo sapiens S100 calcium binding protein B (S100B), mRNA;

gi|114520589|ref|NM\_002965.3| Homo sapiens S100 calcium binding protein A9 (S100A9), mRNA;

gi|114520608|ref|NM\_006154.2| Homo sapiens neural precursor cell expressed, developmentally down-regulated 1, mRNA;

gi|114520616|ref|NM\_001040429.2| Homo sapiens protocadherin 17 (PCDH17), mRNA;

gi|114520617|ref|NM\_021130.3| Homo sapiens peptidylprolyl isomerase A (cyclophilin A) (PPIA), mRNA;

gi|114687641|ref|NR\_003186.1| Homo sapiens neutrophil cytosolic factor 1B pseudogene (NCF1B), non-coding RNA;

gi|114687644|ref|NM\_153708.2| Homo sapiens receptor (chemosensory) transporter protein 1 (RTP1), mRNA;

gi|114687766|ref|NM\_015417.4| Homo sapiens sperm flagellar 1 (SPEF1), mRNA;

gi|114688045|ref|NM\_014832.2| Homo sapiens TBC1 domain family, member 4 (TBC1D4), mRNA;

gi|114796625|ref|NM\_013356.2| Homo sapiens solute carrier family 16, member 8 (monocarboxylic acid transporter) (SLC16A8), mRNA;

gi|114796629|ref|NM\_001048200.1| Homo sapiens homeodomain interacting protein kinase 3 (HIPK3), transcript variant 1, mRNA;

gi|114842395|ref|NM\_153228.2| Homo sapiens ankyrin-repeat and fibronectin type III domain containing 1 (ANKRD1), mRNA;

gi|114842409|ref|NM\_014827.4| Homo sapiens zinc finger CCCH-type containing 11A (ZC3H11A), mRNA;

gi|11496280|ref|NM\_015596.1| Homo sapiens kallikrein-related peptidase 13 (KLK13), mRNA;

gi|115270954|ref|NM\_001004736.2| Homo sapiens olfactory receptor, family 5, subfamily K, member 1 (OR5K1), mRNA;

gi|115270969|ref|NM\_001048210.1| Homo sapiens chloride channel CLIC-like 1 (CLCC1), transcript variant 1, mRNA;

gi|115298642|ref|NM\_198040.2| Homo sapiens polyhomeotic homolog 2 (Drosophila) (PHC2), transcript variant 1, mRNA;

gi|115298651|ref|NM\_001048173.1| Homo sapiens mutY homolog (E. coli) (MUTYH), transcript variant 1, mRNA;

gi|115298655|ref|NM\_002966.2| Homo sapiens S100 calcium binding protein A10 (S100A10), mRNA;

gi|115298656|ref|NM\_002963.3| Homo sapiens S100 calcium binding protein A7 (S100A7), mRNA;

gi|115298658|ref|NM\_003126.2| Homo sapiens spectrin, alpha, erythrocytic 1 (elliptocytosis 2) (SPTA1), mRNA;

gi|115298660|ref|NM\_003035.2| Homo sapiens SCL/TAL1 interrupting locus (STIL), transcript variant 2, mRNA;

gi|115298666|ref|NM\_052950.3| Homo sapiens WD repeat and FYVE domain containing 2 (WDFY2), mRNA

gi|115298667|ref|NM\_004814.2| Homo sapiens small nuclear ribonucleoprotein 40kDa (U5) (SNRNP40), mRNA

gi|115298671|ref|NM\_000265.4| Homo sapiens neutrophil cytosolic factor 1 (NCF1), mRNA;

gi|115298673|ref|NM\_002508.2| Homo sapiens nidogen 1 (NID1), mRNA;

gi|115298675|ref|NM\_152587.3| Homo sapiens chromosome 11 open reading frame 65 (C11orf65), mRNA

gi|115298677|ref|NM\_000064.2| Homo sapiens complement component 3 (C3), mRNA;

gi|115298680|ref|NM\_001114.3| Homo sapiens adenylate cyclase 7 (ADCY7), mRNA;

gi|115298681|ref|NM\_015172.3| Homo sapiens proline-rich coiled-coil 2C (PRRC2C), mRNA;

gi|115298683|ref|NM\_007210.3| Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetyl

gi|115298685|ref|NM\_006099.3| Homo sapiens protein inhibitor of activated STAT, 3 (PIAS3), mRNA;

gi|115305570|ref|NM\_000674.2| Homo sapiens adenosine A1 receptor (ADORA1), transcript variant 1, mRNA

gi|115334672|ref|NM\_023000.2| Homo sapiens AT rich interactive domain 4A (RBP1-like) (ARID4A), transcript

gi|115334674|ref|NM\_138348.4| Homo sapiens family with sequence similarity 105, member B (FAM105B)

gi|115334681|ref|NM\_025248.2| Homo sapiens SRC kinase signaling inhibitor 1 (SRCIN1), mRNA;

gi|115345343|ref|NM\_203497.2| Homo sapiens COMM domain containing 6 (COMM6), transcript variant

gi|115345344|ref|NM\_005683.3| Homo sapiens G protein-coupled receptor 55 (GPR55), mRNA;

gi|115345345|ref|NM\_000862.2| Homo sapiens hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid

gi|115385975|ref|NM\_002838.3| Homo sapiens protein tyrosine phosphatase, receptor type, C (PTPRC), transcript

gi|115387092|ref|NM\_207170.3| Homo sapiens SYF2 homolog, RNA splicing factor (S. cerevisiae) (SYF2), transcript

gi|115387093|ref|NM\_003000.2| Homo sapiens succinate dehydrogenase complex, subunit B, iron sulfur (L

gi|115387096|ref|NM\_003789.3| Homo sapiens TNFRSF1A-associated via death domain (TRADD), mRNA;

gi|115387097|ref|NM\_006510.4| Homo sapiens tripartite motif containing 27 (TRIM27), mRNA;

gi|115387098|ref|NM\_001703.2| Homo sapiens brain-specific angiogenesis inhibitor 2 (BAI2), mRNA;

gi|115387101|ref|NM\_020546.2| Homo sapiens adenylate cyclase 2 (brain) (ADCY2), mRNA;

gi|115387103|ref|NM\_000696.3| Homo sapiens aldehyde dehydrogenase 9 family, member A1 (ALDH9A1),

gi|115387109|ref|NM\_017831.3| Homo sapiens ring finger protein 125, E3 ubiquitin protein ligase (RNF125)

gi|115387113|ref|NM\_002202.2| Homo sapiens ISL LIM homeobox 1 (ISL1), mRNA;

gi|115387115|ref|NM\_018584.5| Homo sapiens calcium/calmodulin-dependent protein kinase II inhibitor 1

gi|115387116|ref|NM\_005472.4| Homo sapiens potassium voltage-gated channel, Isk-related family, member

gi|115387117|ref|NM\_020802.2| Homo sapiens KIAA1377 (KIAA1377), mRNA;

gi|115387121|ref|NM\_002479.4| Homo sapiens myogenin (myogenic factor 4) (MYOG), mRNA;

gi|115391993|ref|NR\_003194.1| Homo sapiens small nucleolar RNA, C/D box 114-2 (SNORD114-2), small nucleolar

gi|115391994|ref|NR\_003195.1| Homo sapiens small nucleolar RNA, C/D box 114-3 (SNORD114-3), small nucleolar

gi|115391995|ref|NR\_003198.1| Homo sapiens small nucleolar RNA, C/D box 114-6 (SNORD114-6), small nucleolar

gi|115391997|ref|NR\_003197.1| Homo sapiens small nucleolar RNA, C/D box 114-5 (SNORD114-5), small nucleolar

gi|115391998|ref|NR\_003201.1| Homo sapiens small nucleolar RNA, C/D box 114-9 (SNORD114-9), small nucleolar

gi|115391999|ref|NR\_003196.1| Homo sapiens small nucleolar RNA, C/D box 114-4 (SNORD114-4), small nucleolar

gi|115392001|ref|NR\_003199.1| Homo sapiens small nucleolar RNA, C/D box 114-7 (SNORD114-7), small nucleolar

gi|115392002|ref|NR\_003200.1| Homo sapiens small nucleolar RNA, C/D box 114-8 (SNORD114-8), small nucleolar

gi|115392005|ref|NR\_003204.1| Homo sapiens small nucleolar RNA, C/D box 114-11 (SNORD114-11), small nucleolar

gi|115392008|ref|NR\_003193.1| Homo sapiens small nucleolar RNA, C/D box 114-1 (SNORD114-1), small nucleolar

gi|115392009|ref|NR\_003203.1| Homo sapiens small nucleolar RNA, C/D box 114-10 (SNORD114-10), small nucleolar

gi|115392010|ref|NR\_003207.1| Homo sapiens small nucleolar RNA, C/D box 114-14 (SNORD114-14), small nucleolar

gi|115392011|ref|NR\_003205.1| Homo sapiens small nucleolar RNA, C/D box 114-12 (SNORD114-12), small nucleolar

gi|115392012|ref|NR\_003209.1| Homo sapiens small nucleolar RNA, C/D box 114-16 (SNORD114-16), small nucleolar

gi|115392013|ref|NR\_003206.1| Homo sapiens small nucleolar RNA, C/D box 114-13 (SNORD114-13), small nucleolar

gi|115392014|ref|NR\_003211.1| Homo sapiens small nucleolar RNA, C/D box 114-18 (SNORD114-18), small nucleolar

gi|115392015|ref|NR\_003210.1| Homo sapiens small nucleolar RNA, C/D box 114-17 (SNORD114-17), small  
 gi|115392016|ref|NR\_003213.1| Homo sapiens small nucleolar RNA, C/D box 114-20 (SNORD114-20), small  
 gi|115392017|ref|NR\_003208.1| Homo sapiens small nucleolar RNA, C/D box 114-15 (SNORD114-15), small  
 gi|115392018|ref|NR\_003215.1| Homo sapiens small nucleolar RNA, C/D box 114-22 (SNORD114-22), small  
 gi|115392019|ref|NR\_003212.1| Homo sapiens small nucleolar RNA, C/D box 114-19 (SNORD114-19), small  
 gi|115392020|ref|NR\_003218.1| Homo sapiens small nucleolar RNA, C/D box 114-25 (SNORD114-25), small  
 gi|115392021|ref|NR\_003214.1| Homo sapiens small nucleolar RNA, C/D box 114-21 (SNORD114-21), small  
 gi|115392022|ref|NR\_003220.1| Homo sapiens small nucleolar RNA, C/D box 114-27 (SNORD114-27), small  
 gi|115392023|ref|NR\_003216.1| Homo sapiens small nucleolar RNA, C/D box 114-23 (SNORD114-23), small  
 gi|115392024|ref|NR\_003221.1| Homo sapiens small nucleolar RNA, C/D box 114-28 (SNORD114-28), small  
 gi|115392025|ref|NR\_003217.1| Homo sapiens small nucleolar RNA, C/D box 114-24 (SNORD114-24), small  
 gi|115392026|ref|NR\_003224.1| Homo sapiens small nucleolar RNA, C/D box 114-31 (SNORD114-31), small  
 gi|115392027|ref|NR\_003219.1| Homo sapiens small nucleolar RNA, C/D box 114-26 (SNORD114-26), small  
 gi|115392030|ref|NR\_003222.1| Homo sapiens small nucleolar RNA, C/D box 114-29 (SNORD114-29), small  
 gi|115392033|ref|NR\_003223.1| Homo sapiens small nucleolar RNA, C/D box 114-30 (SNORD114-30), small  
 gi|115392132|ref|NM\_152890.5| Homo sapiens collagen, type XXIV, alpha 1 (COL24A1), mRNA;  
 gi|115392135|ref|NM\_007249.4| Homo sapiens Kruppel-like factor 12 (KLF12), mRNA;  
 gi|115392136|ref|NM\_021954.3| Homo sapiens gap junction protein, alpha 3, 46kDa (GJA3), mRNA;  
 gi|115392149|ref|NM\_001039999.2| Homo sapiens family with sequence similarity 83, member G (FAM83)  
 gi|115430098|ref|NM\_000549.3| Homo sapiens thyroid stimulating hormone, beta (TSHB), mRNA;  
 gi|115430106|ref|NR\_003226.1| Homo sapiens AFG3 ATPase family gene 3-like 1 (*S. cerevisiae*), pseudoger  
 gi|115430107|ref|NM\_014899.3| Homo sapiens Rho-related BTB domain containing 3 (RHOBTB3), mRNA;  
 gi|115430109|ref|NM\_152548.2| Homo sapiens family with sequence similarity 81, member B (FAM81B), n  
 gi|115430111|ref|NM\_005669.4| Homo sapiens receptor accessory protein 5 (REEP5), mRNA;  
 gi|115430204|ref|NM\_182664.2| Homo sapiens Ras association (RalGDS/AF-6) domain family member 5 (R  
 gi|115430206|ref|NM\_013232.3| Homo sapiens programmed cell death 6 (PDCD6), mRNA;  
 gi|115430210|ref|NM\_001048183.1| Homo sapiens phosphatase and actin regulator 4 (PHACTR4), transcrip  
 gi|115430212|ref|NM\_024104.3| Homo sapiens chromosome 19 open reading frame 42 (C19orf42), mRNA  
 gi|115430214|ref|NM\_080748.2| Homo sapiens reactive oxygen species modulator 1 (ROMO1), nuclear gei  
 gi|115430215|ref|NM\_144654.2| Homo sapiens chromosome 9 open reading frame 116 (C9orf116), transc  
 gi|115430218|ref|NM\_015974.2| Homo sapiens crystallin, lambda 1 (CRYL1), mRNA;  
 gi|115430226|ref|NM\_001001660.2| Homo sapiens LYR motif containing 5 (LYRM5), mRNA;  
 gi|115430228|ref|NM\_005132.2| Homo sapiens REC8 homolog (yeast) (REC8), transcript variant 1, mRNA; {  
 gi|115430232|ref|NM\_013282.3| Homo sapiens ubiquitin-like with PHD and ring finger domains 1 (UHRF1),  
 gi|115430238|ref|NM\_025213.2| Homo sapiens spectrin, beta, non-erythrocytic 4 (SPTBN4), transcript vari  
 gi|115430242|ref|NM\_001048218.1| Homo sapiens SCY1-like 1 (*S. cerevisiae*) (SCYL1), transcript variant B,  
 gi|115430246|ref|NM\_014034.2| Homo sapiens ASF1 anti-silencing function 1 homolog A (*S. cerevisiae*) (AS  
 gi|115430249|ref|NM\_019554.2| Homo sapiens S100 calcium binding protein A4 (S100A4), transcript varia  
 gi|115430251|ref|NM\_013233.2| Homo sapiens serine threonine kinase 39 (STK39), mRNA;  
 gi|115430253|ref|NM\_003145.3| Homo sapiens signal sequence receptor, beta (translocon-associated prot  
 gi|115430254|ref|NM\_130849.2| Homo sapiens solute carrier family 39 (zinc transporter), member 4 (SLC3  
 gi|115432108|ref|NR\_003232.1| Homo sapiens small nucleolar RNA, C/D box 113-4 (SNORD113-4), small nu  
 gi|115432109|ref|NR\_003234.1| Homo sapiens small nucleolar RNA, C/D box 113-6 (SNORD113-6), small nu  
 gi|115432110|ref|NR\_003229.1| Homo sapiens small nucleolar RNA, C/D box 113-1 (SNORD113-1), small nu  
 gi|115432111|ref|NR\_003230.1| Homo sapiens small nucleolar RNA, C/D box 113-2 (SNORD113-2), small nu  
 gi|115432112|ref|NR\_003231.1| Homo sapiens small nucleolar RNA, C/D box 113-3 (SNORD113-3), small nu  
 gi|115432113|ref|NR\_003233.1| Homo sapiens small nucleolar RNA, C/D box 113-5 (SNORD113-5), small nu

gi|115432114|ref|NR\_003236.1| Homo sapiens small nucleolar RNA, C/D box 113-8 (SNORD113-8), small nucleolar RNA

gi|115432115|ref|NR\_003235.1| Homo sapiens small nucleolar RNA, C/D box 113-7 (SNORD113-7), small nucleolar RNA

gi|115432116|ref|NR\_003238.1| Homo sapiens H2B histone family, member X, pseudogene (H2BFXP), non-coding RNA

gi|115432117|ref|NR\_003237.1| Homo sapiens small nucleolar RNA, C/D box 113-9 (SNORD113-9), small nucleolar RNA

gi|11545756|ref|NM\_022052.1| Homo sapiens nuclear RNA export factor 3 (NXF3), mRNA;

gi|11545760|ref|NM\_022055.1| Homo sapiens potassium channel, subfamily K, member 12 (KCNK12), mRNA

gi|11545816|ref|NM\_022107.1| Homo sapiens G-protein signaling modulator 3 (GPSM3), mRNA;

gi|11545840|ref|NM\_022120.1| Homo sapiens 3-oxoacid CoA transferase 2 (OXCT2), mRNA;

gi|11545854|ref|NM\_022128.1| Homo sapiens ribokinase (RBKS), mRNA;

gi|11545911|ref|NM\_022162.1| Homo sapiens nucleotide-binding oligomerization domain containing 2 (NCOA2), mRNA

gi|115494999|ref|NM\_006959.2| Homo sapiens zinc finger protein 17 (ZNF17), mRNA;

gi|115495001|ref|NM\_032510.3| Homo sapiens par-6 partitioning defective 6 homolog gamma (C. elegans) (PAR6G), mRNA

gi|115495444|ref|NM\_052997.2| Homo sapiens ankyrin repeat domain 30A (ANKRD30A), mRNA;

gi|115496168|ref|NM\_000257.2| Homo sapiens myosin, heavy chain 7, cardiac muscle, beta (MYH7), mRNA

gi|115496699|ref|NM\_207391.2| Homo sapiens regulator of G protein signaling 9 binding protein (RGS9BP), mRNA

gi|115511025|ref|NM\_052956.2| Homo sapiens acyl-CoA synthetase medium-chain family member 1 (ACSM1), mRNA

gi|115511029|ref|NM\_138441.2| Homo sapiens Mab-21 domain containing 1 (MB21D1), mRNA;

gi|115511033|ref|NM\_183397.2| Homo sapiens peroxisomal membrane protein 4, 24kDa (PXMP4), transcript variant 1, mRNA

gi|115511037|ref|NM\_001009955.2| Homo sapiens single stranded DNA binding protein 3 (SSBP3), transcript variant 1, mRNA

gi|115511038|ref|NM\_001031734.2| Homo sapiens ferredoxin 1-like (FDX1L), nuclear gene encoding mitochondrial ferredoxin 1-like protein

gi|115511045|ref|NM\_007167.3| Homo sapiens zinc finger, MYM-type 6 (ZMYM6), mRNA;

gi|115511048|ref|NM\_002067.2| Homo sapiens guanine nucleotide binding protein (G protein), alpha 11 (GNA11), mRNA

gi|115511050|ref|NM\_002095.4| Homo sapiens general transcription factor IIE, polypeptide 2, beta 34kDa (GTFIIE2), mRNA

gi|115527063|ref|NM\_004859.3| Homo sapiens clathrin, heavy chain (Hc) (CLTC), mRNA;

gi|115527067|ref|NM\_130902.2| Homo sapiens cytochrome c oxidase subunit VIIb2 (COX7B2), nuclear gene

gi|115527069|ref|NM\_058175.2| Homo sapiens collagen, type VI, alpha 2 (COL6A2), transcript variant 2C2a, mRNA

gi|115527072|ref|NM\_031309.4| Homo sapiens scratch homolog 1, zinc finger protein (Drosophila) (SCRT1), mRNA

gi|115527073|ref|NM\_003726.3| Homo sapiens src kinase associated phosphoprotein 1 (SKAP1), transcript variant 1, mRNA

gi|115527079|ref|NM\_004689.3| Homo sapiens metastasis associated 1 (MTA1), transcript variant 1, mRNA

gi|115527081|ref|NM\_005963.3| Homo sapiens myosin, heavy chain 1, skeletal muscle, adult (MYH1), mRNA

gi|115527083|ref|NM\_079422.2| Homo sapiens myosin, light chain 1, alkali; skeletal, fast (MYL1), transcript variant 1, mRNA

gi|115527085|ref|NM\_000258.2| Homo sapiens myosin, light chain 3, alkali; ventricular, skeletal, slow (MYL3), mRNA

gi|115527086|ref|NM\_003184.3| Homo sapiens TAF2 RNA polymerase II, TATA box binding protein (TBP)-associated factor 2, mRNA

gi|115527091|ref|NM\_024107.2| Homo sapiens transmembrane and ubiquitin-like domain containing 2 (TMUB2), mRNA

gi|115527093|ref|NM\_138288.3| Homo sapiens serine palmitoyltransferase, small subunit A (SPTSSA), mRNA

gi|115527095|ref|NR\_003239.1| Homo sapiens small nucleolar RNA host gene 11 (non-protein coding) (SNHG11), non-coding RNA

gi|115527096|ref|NM\_006035.3| Homo sapiens CDC42 binding protein kinase beta (DMPK-like) (CDC42BPE), mRNA

gi|115527098|ref|NM\_138493.2| Homo sapiens coiled-coil domain containing 167 (CCDC167), mRNA;

gi|115527102|ref|NM\_022334.3| Homo sapiens integrin beta 1 binding protein 1 (ITGB1BP1), transcript variant 1, mRNA

gi|115527103|ref|NM\_032735.2| Homo sapiens bestrophin 3 (BEST3), transcript variant 1, mRNA; gi|115527104|ref|NM\_032735.2| Homo sapiens bestrophin 3 (BEST3), transcript variant 1, mRNA

gi|115529279|ref|NR\_002944.2| Homo sapiens heterogeneous nuclear ribonucleoprotein A1 pseudogene 1 (HNRNP A1-1), non-coding RNA

gi|115529436|ref|NM\_138391.4| Homo sapiens transmembrane protein 183A (TMEM183A), mRNA;

gi|115529440|ref|NM\_173829.3| Homo sapiens SREK1-interacting protein 1 (SREK1IP1), mRNA;

gi|115529441|ref|NM\_173825.3| Homo sapiens RAB, member of RAS oncogene family-like 3 (RABL3), mRNA

gi|115529443|ref|NR\_001459.2| Homo sapiens small nucleolar RNA host gene 10 (non-protein coding) (SNHG10), non-coding RNA

gi|115529446|ref|NM\_001017924.2| Homo sapiens leucine-rich repeat, immunoglobulin-like and transmembrane domain containing 1 (LRR-ILTD), mRNA

gi|115529452|ref|NM\_003558.2| Homo sapiens phosphatidylinositol-4-phosphate 5-kinase, type I, beta (PI3K), mRNA

gi|115529459|ref|NM\_080822.2| Homo sapiens ovarian tumor suppressor candidate 2 (OVCA2), mRNA;  
 gi|115529462|ref|NM\_002742.2| Homo sapiens protein kinase D1 (PRKD1), mRNA;  
 gi|115529470|ref|NM\_012353.2| Homo sapiens olfactory receptor, family 1, subfamily C, member 1 (OR1C  
 gi|115529474|ref|NM\_006467.2| Homo sapiens polymerase (RNA) III (DNA directed) polypeptide G (32kD)  
 gi|115529480|ref|NM\_002974.2| Homo sapiens serpin peptidase inhibitor, clade B (ovalbumin), member 4  
 gi|115583645|ref|NM\_022145.3| Homo sapiens centromere protein K (CENPK), mRNA;  
 gi|115583653|ref|NM\_004133.4| Homo sapiens hepatocyte nuclear factor 4, gamma (HNF4G), mRNA;  
 gi|115583655|ref|NM\_002170.3| Homo sapiens interferon, alpha 8 (IFNA8), mRNA;  
 gi|115583656|ref|NM\_001002034.2| Homo sapiens family with sequence similarity 109, member B (FAM1C  
 gi|115583658|ref|NM\_139169.4| Homo sapiens TruB pseudouridine (psi) synthase homolog 1 (E. coli) (TRU  
 gi|115583659|ref|NM\_001076781.1| Homo sapiens zinc finger protein 391 (ZNF391), mRNA;  
 gi|115583661|ref|NM\_207397.2| Homo sapiens CD164 sialomucin-like 2 (CD164L2), mRNA;  
 gi|115583666|ref|NM\_014139.2| Homo sapiens sodium channel, voltage-gated, type XI, alpha subunit (SCN  
 gi|115583668|ref|NM\_001012264.3| Homo sapiens ribonuclease, RNase A family, 13 (non-active) (RNASE1.  
 gi|115583669|ref|NM\_003253.2| Homo sapiens T-cell lymphoma invasion and metastasis 1 (TIAM1), mRNA  
 gi|115583673|ref|NM\_007177.2| Homo sapiens family with sequence similarity 107, member A (FAM107A)  
 gi|115583678|ref|NM\_144571.2| Homo sapiens CCR4-NOT transcription complex, subunit 6-like (CNOT6L),  
 gi|115583682|ref|NM\_198468.2| Homo sapiens MMS22-like, DNA repair protein (MMS22L), mRNA;  
 gi|115647956|ref|NM\_022371.3| Homo sapiens torsin family 3, member A (TOR3A), mRNA;  
 gi|115647980|ref|NM\_001076786.1| Homo sapiens glutamine and serine rich 1 (QSER1), mRNA;  
 gi|115647996|ref|NM\_173664.4| Homo sapiens ADP-ribosylation factor-like 10 (ARL10), mRNA;  
 gi|115648064|ref|NM\_006556.3| Homo sapiens phosphomevalonate kinase (PMVK), mRNA;  
 gi|115648091|ref|NM\_006034.3| Homo sapiens tumor protein p53 inducible protein 11 (TP53I11), mRNA; }  
 gi|115648109|ref|NM\_005839.3| Homo sapiens serine/arginine repetitive matrix 1 (SRRM1), mRNA;  
 gi|115648139|ref|NM\_014334.2| Homo sapiens ferric-chelate reductase 1-like (FRRS1L), mRNA;  
 gi|115648141|ref|NM\_014956.4| Homo sapiens centrosomal protein 164kDa (CEP164), mRNA;  
 gi|116006947|ref|NM\_001285.3| Homo sapiens chloride channel accessory 1 (CLCA1), mRNA;  
 gi|116006952|ref|NM\_001076780.1| Homo sapiens polycystic kidney disease 1-like 2 (PKD1L2), transcript v  
 gi|116008151|ref|NM\_001855.3| Homo sapiens collagen, type XV, alpha 1 (COL15A1), mRNA;  
 gi|116008153|ref|NM\_001076680.1| Homo sapiens chromosome 17 open reading frame 108 (C17orf108),  
 gi|116008193|ref|NM\_053027.3| Homo sapiens myosin light chain kinase (MYLK), transcript variant 3A, mR  
 gi|116008438|ref|NM\_002158.3| Homo sapiens forkhead box N2 (FOXN2), mRNA;  
 gi|116008439|ref|NM\_152793.2| Homo sapiens chromosome 7 open reading frame 41 (C7orf41), mRNA;  
 gi|116008441|ref|NM\_015070.3| Homo sapiens zinc finger CCCH-type containing 13 (ZC3H13), mRNA;  
 gi|116008448|ref|NM\_032421.2| Homo sapiens CAP-GLY domain containing linker protein 2 (CLIP2), transc  
 gi|116008453|ref|NM\_033331.2| Homo sapiens CDC14 cell division cycle 14 homolog B (S. cerevisiae) (CDC  
 gi|116008455|ref|NM\_033053.2| Homo sapiens DMRT-like family C1 (DMRTC1), mRNA;  
 gi|116014329|ref|NM\_032124.4| Homo sapiens haloacid dehalogenase-like hydrolase domain containing 2  
 gi|116014330|ref|NM\_014649.2| Homo sapiens scaffold attachment factor B2 (SAFB2), mRNA;  
 gi|116014335|ref|NM\_016025.3| Homo sapiens methyltransferase like 9 (METTL9), transcript variant 1, mF  
 gi|116014337|ref|NM\_030981.2| Homo sapiens RAB1B, member RAS oncogene family (RAB1B), mRNA;  
 gi|116014338|ref|NM\_182487.2| Homo sapiens olfactomedin-like 2A (OLFML2A), mRNA;  
 gi|116014343|ref|NM\_001624.2| Homo sapiens absent in melanoma 1 (AIM1), mRNA;  
 gi|116063529|ref|NM\_001004707.3| Homo sapiens olfactory receptor, family 4, subfamily D, member 2 (O  
 gi|116063532|ref|NM\_001009609.2| Homo sapiens SPANX family, member N3 (SPANXN3), mRNA;  
 gi|116063533|ref|NM\_032139.2| Homo sapiens ankyrin repeat domain 27 (VPS9 domain) (ANKRD27), mRN  
 gi|116063535|ref|NM\_032314.3| Homo sapiens coenzyme Q5 homolog, methyltransferase (S. cerevisiae) (

gi|116063539|ref|NM\_144721.4| Homo sapiens THAP domain containing 6 (THAP6), mRNA;  
 gi|116063553|ref|NM\_015954.2| Homo sapiens deoxyribose-phosphate aldolase (putative) (DERA), mRNA;  
 gi|116063555|ref|NM\_022049.2| Homo sapiens G protein-coupled receptor 88 (GPR88), mRNA;  
 gi|116063561|ref|NM\_018027.3| Homo sapiens FERM domain containing 4A (FRMD4A), mRNA;  
 gi|116063563|ref|NM\_018218.2| Homo sapiens ubiquitin specific peptidase 40 (USP40), mRNA;  
 gi|116063564|ref|NM\_005013.2| Homo sapiens nucleobindin 2 (NUCB2), mRNA;  
 gi|116063567|ref|NM\_017723.2| Homo sapiens torsin family 4, member A (TOR4A), mRNA;  
 gi|116089267|ref|NR\_003244.1| Homo sapiens highly accelerated region 1A (non-protein coding) (HAR1A),  
 gi|116089271|ref|NR\_003245.1| Homo sapiens highly accelerated region 1B (non-protein coding) (HAR1B),  
 gi|116089274|ref|NM\_148962.4| Homo sapiens oxoeicosanoid (OXE) receptor 1 (OXER1), mRNA;  
 gi|116089275|ref|NM\_144725.3| Homo sapiens tetratricopeptide repeat domain 23-like (TTC23L), mRNA;  
 gi|116089283|ref|NM\_152597.4| Homo sapiens fibrous sheath interacting protein 1 (FSIP1), mRNA;  
 gi|116089286|ref|NM\_024085.3| Homo sapiens ATG9 autophagy related 9 homolog A (S. cerevisiae) (ATG9  
 gi|116089288|ref|NM\_030634.2| Homo sapiens zinc finger protein 436 (ZNF436), transcript variant 2, mRN  
 gi|116089311|ref|NM\_001009606.2| Homo sapiens heparan sulfate (glucosamine) 3-O-sulfotransferase 6 (I  
 gi|116089324|ref|NM\_001077199.1| Homo sapiens splicing regulatory glutamine/lysine-rich protein 1 (SRE  
 gi|116089332|ref|NM\_152375.2| Homo sapiens kelch domain containing 7A (KLHDC7A), mRNA;  
 gi|116089336|ref|NM\_006633.2| Homo sapiens IQ motif containing GTPase activating protein 2 (IQGAP2),  
 gi|11612658|ref|NM\_022006.1| Homo sapiens FXD domain containing ion transport regulator 7 (FXD7), r  
 gi|116174733|ref|NM\_021936.2| Homo sapiens pappalysin 2 (PAPPA2), transcript variant 2, mRNA; gi|116:  
 gi|116174745|ref|NM\_020654.3| Homo sapiens SUMO1/sentrin specific peptidase 7 (SEN7), transcript var  
 gi|116174747|ref|NM\_001004329.2| Homo sapiens developing brain homeobox 2 (DBX2), mRNA;  
 gi|116174753|ref|NM\_178034.3| Homo sapiens phospholipase A2, group IVD (cytosolic) (PLA2G4D), mRNA  
 gi|116174787|ref|NM\_022143.4| Homo sapiens leucine rich repeat containing 4 (LRRC4), mRNA;  
 gi|116235443|ref|NM\_138421.2| Homo sapiens serum amyloid A-like 1 (SAAL1), mRNA;  
 gi|116235445|ref|NM\_178842.3| Homo sapiens ceramide synthase 3 (CERS3), mRNA;  
 gi|116235447|ref|NM\_030919.2| Homo sapiens family with sequence similarity 83, member D (FAM83D), r  
 gi|116235449|ref|NM\_001007533.3| Homo sapiens protein phosphatase 1, regulatory subunit 27 (PPP1R27  
 gi|116235452|ref|NM\_052854.2| Homo sapiens cAMP responsive element binding protein 3-like 1 (CREB3L  
 gi|116235453|ref|NM\_176885.2| Homo sapiens taste receptor, type 2, member 31 (TAS2R31), mRNA;  
 gi|116235455|ref|NM\_001077239.1| Homo sapiens ring finger protein 214 (RNF214), transcript variant 2, n  
 gi|116235459|ref|NM\_152758.4| Homo sapiens YTH domain family, member 3 (YTHDF3), mRNA;  
 gi|116235463|ref|NM\_176884.2| Homo sapiens taste receptor, type 2, member 43 (TAS2R43), mRNA;  
 gi|116235465|ref|NM\_001077241.1| Homo sapiens solute carrier family 25, member 45 (SLC25A45), transcr  
 gi|116235467|ref|NM\_032683.2| Homo sapiens MPV17 mitochondrial membrane protein-like 2 (MPV17L2  
 gi|116235471|ref|NM\_032291.2| Homo sapiens SH3-domain GRB2-like (endophilin) interacting protein 1 (S  
 gi|116235473|ref|NM\_052902.2| Homo sapiens serine/threonine kinase 11 interacting protein (STK11IP), n  
 gi|116235475|ref|NM\_032856.2| Homo sapiens WD repeat domain 73 (WDR73), mRNA;  
 gi|116235477|ref|NM\_052911.2| Homo sapiens establishment of cohesion 1 homolog 1 (S. cerevisiae) (ESC  
 gi|116235479|ref|NM\_033127.2| Homo sapiens SEC16 homolog B (S. cerevisiae) (SEC16B), mRNA;  
 gi|116235481|ref|NM\_152312.3| Homo sapiens glycosyltransferase-like 1B (GYTL1B), mRNA;  
 gi|116235483|ref|NM\_002701.4| Homo sapiens POU class 5 homeobox 1 (POU5F1), transcript variant 1, m  
 gi|116235484|ref|NM\_139072.3| Homo sapiens delta/notch-like EGF repeat containing (DNER), mRNA;  
 gi|116235486|ref|NM\_152342.2| Homo sapiens chromodomain protein, Y-like 2 (CDYL2), mRNA;  
 gi|116256328|ref|NM\_000902.3| Homo sapiens membrane metallo-endopeptidase (MME), transcript varia  
 gi|116256341|ref|NM\_001077242.1| Homo sapiens DEP domain containing 7 (DEPDC7), transcript variant 1  
 gi|116256346|ref|NM\_033425.3| Homo sapiens DIX domain containing 1 (DIXDC1), transcript variant 2, mR

gi|116256353|ref|NM\_001846.2| Homo sapiens collagen, type IV, alpha 2 (COL4A2), mRNA;  
gi|116256355|ref|NM\_000092.4| Homo sapiens collagen, type IV, alpha 4 (COL4A4), mRNA;  
gi|116256357|ref|NM\_004866.4| Homo sapiens secretory carrier membrane protein 1 (SCAMP1), mRNA;  
gi|116256359|ref|NM\_005325.3| Homo sapiens histone cluster 1, H1a (HIST1H1A), mRNA;  
gi|116256448|ref|NM\_203282.2| Homo sapiens zinc finger protein 254 (ZNF254), mRNA;  
gi|116256450|ref|NM\_153042.3| Homo sapiens lysine (K)-specific demethylase 1B (KDM1B), mRNA;  
gi|116256454|ref|NM\_001001415.2| Homo sapiens zinc finger protein 429 (ZNF429), mRNA;  
gi|116256457|ref|NM\_152318.2| Homo sapiens chromosome 12 open reading frame 45 (C12orf45), mRNA;  
gi|116256459|ref|NM\_173680.3| Homo sapiens zinc finger protein 775 (ZNF775), mRNA;  
gi|116256463|ref|NM\_207362.2| Homo sapiens chromosome 2 open reading frame 55 (C2orf55), mRNA;  
gi|116256467|ref|NM\_182705.2| Homo sapiens family with sequence similarity 101, member B (FAM101B)  
gi|116256470|ref|NM\_173354.3| Homo sapiens salt-inducible kinase 1 (SIK1), mRNA;  
gi|116256474|ref|NM\_178835.3| Homo sapiens zinc finger protein 827 (ZNF827), mRNA;  
gi|116256478|ref|NM\_152682.2| Homo sapiens RWD domain containing 4 (RWDD4), mRNA;  
gi|116256484|ref|NM\_006781.3| Homo sapiens chromosome 6 open reading frame 10 (C6orf10), mRNA;  
gi|116268090|ref|NM\_024297.2| Homo sapiens PHD finger protein 23 (PHF23), mRNA;  
gi|116268092|ref|NM\_176883.2| Homo sapiens taste receptor, type 2, member 41 (TAS2R41), mRNA;  
gi|116268094|ref|NM\_199339.2| Homo sapiens spermatid maturation 1 (SPEM1), mRNA;  
gi|116268096|ref|NM\_080605.3| Homo sapiens UDP-Gal:betaGal beta 1,3-galactosyltransferase polypeptic  
gi|116268102|ref|NM\_001077268.1| Homo sapiens zinc finger, FYVE domain containing 19 (ZFYVE19), mRN  
gi|116268106|ref|NM\_145272.3| Homo sapiens chromosome 17 open reading frame 50 (C17orf50), mRNA  
gi|116268110|ref|NM\_145168.2| Homo sapiens short chain dehydrogenase/reductase family 42E, member  
gi|116268126|ref|NM\_152643.6| Homo sapiens kinase non-catalytic C-lobe domain (KIND) containing 1 (KN  
gi|116284372|ref|NM\_138711.3| Homo sapiens peroxisome proliferator-activated receptor gamma (PPARC  
gi|116284374|ref|NM\_013261.3| Homo sapiens peroxisome proliferator-activated receptor gamma, coacti  
gi|116284380|ref|NM\_170699.2| Homo sapiens G protein-coupled bile acid receptor 1 (GPBAR1), transcrip  
gi|116284389|ref|NM\_001077244.1| Homo sapiens glutamate receptor, ionotropic, AMPA 4 (GRIA4), trans  
gi|116284391|ref|NM\_002457.2| Homo sapiens mucin 2, oligomeric mucus/gel-forming (MUC2), mRNA;  
gi|116284395|ref|NM\_001077186.1| Homo sapiens myosin, heavy chain 14, non-muscle (MYH14), transcrip  
gi|116284397|ref|NM\_001077269.1| Homo sapiens WAS/WASL interacting protein family, member 1 (WIPI  
gi|116284401|ref|NM\_001077349.1| Homo sapiens zinc finger protein 682 (ZNF682), transcript variant 2, n  
gi|116284403|ref|NM\_033401.3| Homo sapiens contactin associated protein-like 4 (CNTNAP4), transcript v  
gi|116284409|ref|NM\_133373.3| Homo sapiens phospholipase C, delta 3 (PLCD3), mRNA;  
gi|116284410|ref|NM\_032730.4| Homo sapiens reticulon 4 interacting protein 1 (RTN4IP1), nuclear gene e  
gi|116284411|ref|NM\_007180.2| Homo sapiens trehalase (brush-border membrane glycoprotein) (TREH), r  
gi|116292167|ref|NM\_032534.2| Homo sapiens KRAB-A domain containing 1 (KRBA1), mRNA;  
gi|116292171|ref|NM\_001013706.2| Homo sapiens perilipin 5 (PLIN5), mRNA;  
gi|116292176|ref|NM\_145055.3| Homo sapiens chromosome 18 open reading frame 25 (C18orf25), transc  
gi|116292749|ref|NM\_005577.2| Homo sapiens lipoprotein, Lp(a) (LPA), mRNA;  
gi|116295255|ref|NM\_001077188.1| Homo sapiens heparan sulfate 6-O-sulfotransferase 2 (HS6ST2), trans  
gi|116295257|ref|NM\_002203.3| Homo sapiens integrin, alpha 2 (CD49B, alpha 2 subunit of VLA-2 receptor  
gi|116295259|ref|NM\_000015.2| Homo sapiens N-acetyltransferase 2 (arylamine N-acetyltransferase) (NA1  
gi|116325976|ref|NM\_001033018.2| Homo sapiens defensin, beta 136 (DEFB136), mRNA;  
gi|116325982|ref|NM\_183240.2| Homo sapiens transmembrane protein 37 (TMEM37), mRNA;  
gi|116325984|ref|NM\_152914.2| Homo sapiens chromosome 17 open reading frame 103 (C17orf103), mRI  
gi|116325986|ref|NM\_182603.2| Homo sapiens ankyrin repeat domain 42 (ANKRD42), mRNA;  
gi|116325992|ref|NM\_001006607.2| Homo sapiens leucine rich repeat containing 37, member A2 (LRRC37.



gi|11641242|ref|NM\_022341.1| Homo sapiens peptide deformylase (mitochondrial) (PDF), nuclear gene en

gi|116488397|ref|NM\_002278.3| Homo sapiens keratin 32 (KRT32), mRNA;

gi|116517225|ref|NM\_001033017.2| Homo sapiens defensin, beta 135 (DEFB135), mRNA;

gi|116517304|ref|NM\_206922.2| Homo sapiens cysteine-rich protein 3 (CRIP3), mRNA;

gi|116517308|ref|NM\_012314.3| Homo sapiens killer cell immunoglobulin-like receptor, two domains, shor

gi|116517322|ref|NM\_001004701.2| Homo sapiens olfactory receptor, family 4, subfamily C, member 16 (C

gi|116517324|ref|NM\_001004059.2| Homo sapiens olfactory receptor, family 4, subfamily S, member 2 (OI

gi|116517327|ref|NM\_153838.3| Homo sapiens G protein-coupled receptor 115 (GPR115), mRNA;

gi|116517331|ref|NM\_014070.2| Homo sapiens chromosome 6 open reading frame 15 (C6orf15), mRNA;

gi|116534899|ref|NM\_000787.3| Homo sapiens dopamine beta-hydroxylase (dopamine beta-monooxygen

gi|116534936|ref|NM\_001548.3| Homo sapiens interferon-induced protein with tetratricopeptide repeats

gi|116534989|ref|NM\_007332.2| Homo sapiens transient receptor potential cation channel, subfamily A, m

gi|116536088|ref|NM\_001077358.1| Homo sapiens phosphodiesterase 11A (PDE11A), transcript variant 2,

gi|116642868|ref|NM\_177455.3| Homo sapiens basic helix-loop-helix family, member a15 (BHLHA15), mRN

gi|116642870|ref|NM\_021269.2| Homo sapiens zinc finger protein 708 (ZNF708), mRNA;

gi|116642872|ref|NM\_012375.2| Homo sapiens olfactory receptor, family 52, subfamily A, member 1 (OR5

gi|116642876|ref|NM\_004713.3| Homo sapiens nuclear export mediator factor (NEMF), mRNA;

gi|116642883|ref|NM\_001042371.2| Homo sapiens phosphoglycolate phosphatase (PGP), mRNA;

gi|116642894|ref|NM\_001013657.2| Homo sapiens chromosome 15 open reading frame 58 (C15orf58), m

gi|116686097|ref|NM\_174903.4| Homo sapiens ring finger protein 151 (RNF151), mRNA;

gi|116686105|ref|NM\_001383.3| Homo sapiens DPH1 homolog (S. cerevisiae) (DPH1), mRNA;

gi|116686113|ref|NM\_017671.4| Homo sapiens fermitin family member 1 (FERMT1), mRNA;

gi|116686119|ref|NM\_181882.2| Homo sapiens periaxin (PRX), transcript variant 2, mRNA; gi|116686128|

gi|116734660|ref|NM\_133635.4| Homo sapiens protein O-fucosyltransferase 2 (POFUT2), transcript variant

gi|116734673|ref|NM\_130438.2| Homo sapiens dual-specificity tyrosine-(Y)-phosphorylation regulated kin

gi|116734675|ref|NM\_148903.2| Homo sapiens growth regulation by estrogen in breast cancer 1 (GREB1),

gi|116734682|ref|NM\_001077416.1| Homo sapiens transmembrane protein 231 (TMEM231), transcript va

gi|116734688|ref|NM\_001077262.1| Homo sapiens UBX domain protein 11 (UBXN11), transcript variant 3,

gi|116734690|ref|NM\_001077238.1| Homo sapiens signal peptide peptidase like 2B (SPPL2B), transcript va

gi|116734695|ref|NM\_001077351.1| Homo sapiens RNA binding motif protein 23 (RBM23), transcript varia

gi|116734701|ref|NM\_000523.3| Homo sapiens homeobox D13 (HOXD13), mRNA;

gi|116734705|ref|NM\_001077397.1| Homo sapiens interferon regulatory factor 2 binding protein 2 (IRF2B

gi|116734707|ref|NM\_001106.3| Homo sapiens activin A receptor, type IIB (ACVR2B), mRNA;

gi|116734709|ref|NM\_001089.2| Homo sapiens ATP-binding cassette, sub-family A (ABC1), member 3 (ABC

gi|116734713|ref|NM\_001077401.1| Homo sapiens activin A receptor type II-like 1 (ACVRL1), transcript var

gi|116734715|ref|NM\_130848.2| Homo sapiens chromosome 5 open reading frame 20 (C5orf20), mRNA;

gi|116734720|ref|NM\_016429.2| Homo sapiens coatomer protein complex, subunit zeta 2 (COPZ2), mRNA;

gi|116734721|ref|NM\_004403.2| Homo sapiens deafness, autosomal dominant 5 (DFNA5), transcript variar

gi|116734850|ref|NM\_000643.2| Homo sapiens amylo-alpha-1, 6-glucosidase, 4-alpha-glucanotransferase (

gi|116805318|ref|NM\_000128.3| Homo sapiens coagulation factor XI (F11), mRNA;

gi|116805320|ref|NM\_000131.3| Homo sapiens coagulation factor VII (serum prothrombin conversion acce

gi|116805324|ref|NM\_170713.2| Homo sapiens Ras association (RalGDS/AF-6) domain family member 1 (R

gi|116805326|ref|NM\_020166.3| Homo sapiens methylcrotonoyl-CoA carboxylase 1 (alpha) (MCCC1), nucle

gi|116805328|ref|NM\_002958.3| Homo sapiens receptor-like tyrosine kinase (RYK), transcript variant 2, m

gi|116805331|ref|NM\_005098.3| Homo sapiens musculin (MSC), mRNA;

gi|116805333|ref|NM\_015444.2| Homo sapiens transmembrane protein 158 (gene/pseudogene) (TMEM15

gi|116805339|ref|NM\_002047.2| Homo sapiens glycyl-tRNA synthetase (GARS), mRNA;

gi|116805341|ref|NM\_002114.2| Homo sapiens human immunodeficiency virus type I enhancer binding pr

gi|116805343|ref|NM\_021225.4| Homo sapiens proline rich, lacrimal 1 (PROL1), mRNA;

gi|116805345|ref|NM\_000348.3| Homo sapiens steroid-5-alpha-reductase, alpha polypeptide 2 (3-oxo-5 al

gi|116805346|ref|NM\_014607.3| Homo sapiens UBX domain protein 4 (UBXN4), mRNA;

gi|116805347|ref|NM\_014494.2| Homo sapiens trinucleotide repeat containing 6A (TNRC6A), mRNA;

gi|116805349|ref|NM\_018942.2| Homo sapiens H6 family homeobox 1 (HMX1), mRNA;

gi|116812566|ref|NM\_020387.2| Homo sapiens RAB25, member RAS oncogene family (RAB25), mRNA;

gi|116812578|ref|NM\_016056.2| Homo sapiens transmembrane BAX inhibitor motif containing 4 (TMBIM4

gi|116812580|ref|NM\_014602.2| Homo sapiens phosphoinositide-3-kinase, regulatory subunit 4 (PIK3R4), r

gi|116812581|ref|NM\_018149.6| Homo sapiens smg-8 homolog, nonsense mediated mRNA decay factor (C

gi|116812583|ref|NM\_017699.2| Homo sapiens SID1 transmembrane family, member 1 (SIDT1), mRNA;

gi|116812585|ref|NM\_017760.5| Homo sapiens non-SMC condensin II complex, subunit G2 (NCAPG2), mRN

gi|116812587|ref|NM\_014386.2| Homo sapiens polycystic kidney disease 2-like 2 (PKD2L2), mRNA;

gi|116812592|ref|NM\_001009562.4| Homo sapiens solute carrier organic anion transporter family, membe

gi|116812594|ref|NM\_006085.4| Homo sapiens 3'(2'), 5'-bisphosphate nucleotidase 1 (BPNT1), mRNA;

gi|116812598|ref|NM\_006319.3| Homo sapiens CDP-diacylglycerol--inositol 3-phosphatidyltransferase (CDI

gi|116812599|ref|NM\_006645.2| Homo sapiens StAR-related lipid transfer (START) domain containing 10 (S

gi|116812605|ref|NM\_017676.2| Homo sapiens gypsy retrotransposon integrase 1 (GIN1), mRNA;

gi|116812607|ref|NM\_017931.2| Homo sapiens tetratricopeptide repeat domain 38 (TTC38), mRNA;

gi|116812613|ref|NM\_207328.2| Homo sapiens glycerol-3-phosphate acyltransferase 2, mitochondrial (GP

gi|116812617|ref|NM\_152543.2| Homo sapiens chromosome 4 open reading frame 45 (C4orf45), mRNA;

gi|116812619|ref|NM\_174905.3| Homo sapiens family with sequence similarity 98, member C (FAM98C), n

gi|116812621|ref|NM\_144962.2| Homo sapiens phosphatidylethanolamine-binding protein 4 (PEBP4), mRN

gi|116812623|ref|NM\_173500.3| Homo sapiens tau tubulin kinase 2 (TTBK2), mRNA;

gi|116812625|ref|NM\_178128.3| Homo sapiens fatty acid desaturase domain family, member 6 (FADS6), m

gi|116812627|ref|NM\_181645.3| Homo sapiens coiled-coil domain containing 67 (CCDC67), mRNA;

gi|116812629|ref|NM\_020195.2| Homo sapiens short chain dehydrogenase/reductase family 39U, member

gi|116812631|ref|NM\_152556.2| Homo sapiens chromosome 7 open reading frame 60 (C7orf60), mRNA;

gi|116812635|ref|NM\_022353.2| Homo sapiens O-sialoglycoprotein endopeptidase-like 1 (OSGEPL1), mRN

gi|116812643|ref|NM\_022062.2| Homo sapiens PBX/knotted 1 homeobox 2 (PKNOX2), mRNA;

gi|116829963|ref|NM\_002256.3| Homo sapiens KiSS-1 metastasis-suppressor (KISS1), mRNA;

gi|116875762|ref|NM\_032144.2| Homo sapiens RAB6C, member RAS oncogene family (RAB6C), mRNA;

gi|116875766|ref|NM\_003257.3| Homo sapiens tight junction protein 1 (zona occludens 1) (TJP1), transcrip

gi|116875816|ref|NR\_003254.1| Homo sapiens Xg pseudogene, Y-linked 2 (XGPY2), non-coding RNA;

gi|116875818|ref|NM\_176881.2| Homo sapiens taste receptor, type 2, member 39 (TAS2R39), mRNA;

gi|116875825|ref|NM\_016063.2| Homo sapiens HD domain containing 2 (HDDC2), mRNA;

gi|116875827|ref|NM\_014817.3| Homo sapiens TLR4 interactor with leucine-rich repeats (TRIL), mRNA;

gi|116875830|ref|NM\_016033.2| Homo sapiens family with sequence similarity 82, member B (FAM82B), n

gi|116875837|ref|NM\_022764.2| Homo sapiens methenyltetrahydrofolate synthetase domain containing (I

gi|116875845|ref|NM\_001077447.1| Homo sapiens phosphopantothienoylcysteine synthetase (PPCS), trans

gi|116875847|ref|NM\_177454.3| Homo sapiens family with sequence similarity 171, member B (FAM171B)

gi|116875851|ref|NM\_020771.3| Homo sapiens HECT domain and ankyrin repeat containing E3 ubiquitin pi

gi|117168244|ref|NM\_016529.4| Homo sapiens ATPase, aminophospholipid transporter, class I, type 8A, m

gi|117168247|ref|NM\_016395.2| Homo sapiens protein tyrosine phosphatase-like A domain containing 1 (F

gi|117168262|ref|NM\_145313.2| Homo sapiens RasGEF domain family, member 1A (RASGEF1A), mRNA;

gi|117168272|ref|NM\_025055.3| Homo sapiens coiled-coil domain containing 33 (CCDC33), transcript varia

gi|117168274|ref|NM\_030674.3| Homo sapiens solute carrier family 38, member 1 (SLC38A1), transcript va

gi|117168278|ref|NM\_032623.3| Homo sapiens chromosome 4 open reading frame 49 (C4orf49), mRNA;  
 gi|117168282|ref|NM\_016347.2| Homo sapiens N-acetyltransferase 8B (GCN5-related, putative, gene/pseudogene), mRNA;  
 gi|117190253|ref|NM\_001077443.1| Homo sapiens heterogeneous nuclear ribonucleoprotein C (C1/C2) (HNRNCC), mRNA;  
 gi|117190323|ref|NM\_001077395.1| Homo sapiens DPH5 homolog (S. cerevisiae) (DPH5), transcript variant 1, mRNA;  
 gi|117190333|ref|NM\_001077445.1| Homo sapiens PHD finger protein 16 (PHF16), transcript variant 2, mRNA;  
 gi|117190341|ref|NM\_005392.3| Homo sapiens PHD finger protein 2 (PHF2), mRNA;  
 gi|117190362|ref|NM\_012347.4| Homo sapiens F-box protein 9 (FBXO9), transcript variant 1, mRNA; gi|117190500|ref|NM\_001252.3| Homo sapiens CD70 molecule (CD70), mRNA;  
 gi|117190511|ref|NM\_014803.3| Homo sapiens zinc finger protein 518A (ZNF518A), mRNA;  
 gi|117190516|ref|NM\_003960.3| Homo sapiens N-acetyltransferase 8 (GCN5-related, putative) (NAT8), mRNA;  
 gi|117190518|ref|NM\_006656.5| Homo sapiens sialidase 3 (membrane sialidase) (NEU3), mRNA;  
 gi|117306160|ref|NM\_018727.5| Homo sapiens transient receptor potential cation channel, subfamily V, member 1 (TRPV5), mRNA;  
 gi|117306166|ref|NM\_006249.4| Homo sapiens proline-rich protein BstNI subfamily 3 (PRB3), mRNA;  
 gi|117306168|ref|NM\_199418.2| Homo sapiens prolylcarboxypeptidase (angiotensinase C) (PRCP), transcript variant 1, mRNA;  
 gi|117306170|ref|NM\_012427.4| Homo sapiens kallikrein-related peptidase 5 (KLK5), transcript variant 1, mRNA;  
 gi|117306173|ref|NM\_001077498.1| Homo sapiens chromosome 17 open reading frame 63 (C17orf63), transcript variant 1, mRNA;  
 gi|117306179|ref|NM\_033655.3| Homo sapiens contactin associated protein-like 3 (CNTNAP3), mRNA;  
 gi|117306182|ref|NM\_001004125.2| Homo sapiens tumor suppressor candidate 1 (TUSC1), mRNA;  
 gi|117320530|ref|NM\_001077494.1| Homo sapiens nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 (NF- $\kappa$ B1), mRNA;  
 gi|117414132|ref|NM\_176887.2| Homo sapiens taste receptor, type 2, member 46 (TAS2R46), mRNA;  
 gi|117414136|ref|NM\_178857.5| Homo sapiens retinitis pigmentosa 1-like 1 (RP1L1), mRNA;  
 gi|117414138|ref|NM\_152413.2| Homo sapiens glutamic-oxaloacetic transaminase 1-like 1 (GOT1L1), mRNA;  
 gi|117414142|ref|NM\_017633.2| Homo sapiens family with sequence similarity 46, member A (FAM46A), mRNA;  
 gi|117414147|ref|NM\_152730.4| Homo sapiens chromosome 6 open reading frame 170 (C6orf170), mRNA;  
 gi|117414149|ref|NM\_003273.2| Homo sapiens transmembrane 7 superfamily member 2 (TM7SF2), mRNA;  
 gi|117414155|ref|NM\_007109.2| Homo sapiens transcription factor 19 (TCF19), transcript variant 1, mRNA;  
 gi|117414157|ref|NM\_207421.3| Homo sapiens peptidyl arginine deiminase, type VI (PADI6), mRNA;  
 gi|117422430|ref|NM\_145888.2| Homo sapiens kallikrein-related peptidase 10 (KLK10), transcript variant 2, mRNA;  
 gi|117422442|ref|NM\_001242.4| Homo sapiens CD27 molecule (CD27), mRNA;  
 gi|117446086|ref|NM\_012324.3| Homo sapiens mitogen-activated protein kinase 8 interacting protein 2 (NIP2), mRNA;  
 gi|117553581|ref|NM\_015056.2| Homo sapiens ribosomal RNA processing 1 homolog B (S. cerevisiae) (RRP1B), mRNA;  
 gi|117553583|ref|NM\_001077523.1| Homo sapiens adaptor-related protein complex 3, delta 1 subunit (AP3D1), mRNA;  
 gi|117553585|ref|NM\_024940.6| Homo sapiens dedicator of cytokinesis 5 (DOCK5), mRNA;  
 gi|117553607|ref|NM\_006979.2| Homo sapiens solute carrier family 39 (zinc transporter), member 7 (SLC39A7), mRNA;  
 gi|117553612|ref|NM\_145045.4| Homo sapiens coiled-coil domain containing 151 (CCDC151), mRNA;  
 gi|117553614|ref|NM\_016045.2| Homo sapiens slowmo homolog 2 (Drosophila) (SLMO2), transcript variant 1, mRNA;  
 gi|117553616|ref|NM\_001013698.2| Homo sapiens chromosome 12 open reading frame 69 (C12orf69), mRNA;  
 gi|117606204|ref|NR\_003260.1| Homo sapiens DNM1 pseudogene 46 (DNM1P46), non-coding RNA;  
 gi|117606313|ref|NR\_003261.1| Homo sapiens CMT1A duplicated region transcript 15 pseudogene 1 (CDRT15), non-coding RNA;  
 gi|117606318|ref|NR\_003262.1| Homo sapiens MGC44478 (FDPSL2A), non-coding RNA;  
 gi|117606319|ref|NM\_019003.3| Homo sapiens spindlin family, member 2A (SPIN2A), mRNA;  
 gi|117606329|ref|NM\_144964.2| Homo sapiens RNA (guanine-9-) methyltransferase domain containing 3 (RMTN3), mRNA;  
 gi|117606343|ref|NM\_004727.2| Homo sapiens solute carrier family 24 (sodium/potassium/calcium exchanger), member 1 (SLC24A1), mRNA;  
 gi|117606352|ref|NM\_012228.3| Homo sapiens methionine sulfoxide reductase B2 (MSRB2), mRNA;  
 gi|117606354|ref|NM\_023037.2| Homo sapiens furry homolog (Drosophila) (FRY), mRNA;  
 gi|117606358|ref|NM\_206909.2| Homo sapiens pleckstrin and Sec7 domain containing 3 (PSD3), transcript variant 1, mRNA;  
 gi|11761618|ref|NM\_013334.2| Homo sapiens GDP-mannose pyrophosphorylase B (GMPPB), transcript variant 1, mRNA

gi|11761636|ref|NM\_006687.2| Homo sapiens actin-like 7A (ACTL7A), mRNA;

gi|117647225|ref|NM\_017819.2| Homo sapiens RNA (guanine-9-) methyltransferase domain containing 1 (

gi|117647229|ref|NM\_001077639.1| Homo sapiens family with sequence similarity 55, member D (FAM55I

gi|117676364|ref|NM\_014350.2| Homo sapiens tumor necrosis factor, alpha-induced protein 8 (TNFAIP8),

gi|117676383|ref|NM\_004719.2| Homo sapiens SR-related CTD-associated factor 11 (SCAF11), mRNA;

gi|117676402|ref|NM\_007043.6| Homo sapiens KRR1, small subunit (SSU) processome component, homolo

gi|117935037|ref|NM\_021118.1| Homo sapiens cyclin, basic protein of sperm head cytoskeleton 1 (CYLC1)

gi|117938250|ref|NM\_001077440.1| Homo sapiens BCL2-associated transcription factor 1 (BCLAF1), transc

gi|117938259|ref|NM\_001077504.1| Homo sapiens tachykinin 4 (hemokinin) (TAC4), transcript variant gar

gi|117938265|ref|NM\_001077594.1| Homo sapiens exocyst complex component 3-like 4 (EXOC3L4), mRNA

gi|117938267|ref|NM\_018453.3| Homo sapiens E2F-associated phosphoprotein (EAPP), mRNA;

gi|117938278|ref|NM\_003559.4| Homo sapiens phosphatidylinositol-5-phosphate 4-kinase, type II, beta (P

gi|117938294|ref|NM\_001077527.1| Homo sapiens jerky homolog (mouse) (JRK), transcript variant 2, mRN

gi|117938296|ref|NM\_001077619.1| Homo sapiens UBX domain protein 2B (UBXN2B), mRNA;

gi|117938298|ref|NM\_001077637.1| Homo sapiens RAB6C-like (WTH3DI), mRNA;

gi|117938300|ref|NM\_001077624.1| Homo sapiens zinc finger protein 846 (ZNF846), mRNA;

gi|117938308|ref|NM\_004095.3| Homo sapiens eukaryotic translation initiation factor 4E binding protein 1

gi|117938309|ref|NM\_018013.3| Homo sapiens sine oculis binding protein homolog (Drosophila) (SOBP), r

gi|117938313|ref|NM\_016459.3| Homo sapiens marginal zone B and B1 cell-specific protein (MZB1), mRNA

gi|117938317|ref|NM\_001077621.1| Homo sapiens vacuolar protein sorting 37 homolog D (S. cerevisiae) (V

gi|117938325|ref|NM\_001077657.1| Homo sapiens chromosome 3 open reading frame 43 (C3orf43), mRN

gi|117938758|ref|NM\_080425.2| Homo sapiens GNAS complex locus (GNAS), transcript variant 2, mRNA; gi

gi|117940050|ref|NR\_003267.1| Homo sapiens gamma-glutamyltransferase 3 pseudogene (GGT3P), non-cc

gi|117940051|ref|NM\_032014.2| Homo sapiens mitochondrial ribosomal protein S24 (MRPS24), nuclear ge

gi|117940057|ref|NR\_002710.2| Homo sapiens arachidonate 12-lipoxygenase pseudogene 2 (ALOX12P2), n

gi|117956370|ref|NM\_001077686.1| Homo sapiens ArfGAP with GTPase domain, ankyrin repeat and PH do

gi|117956372|ref|NM\_001077685.1| Homo sapiens ArfGAP with GTPase domain, ankyrin repeat and PH do

gi|117956390|ref|NM\_152891.2| Homo sapiens protease, serine, 33 (PRSS33), mRNA;

gi|117956392|ref|NM\_024869.2| Homo sapiens family with sequence similarity 110, member D (FAM110D

gi|117956402|ref|NM\_024816.2| Homo sapiens rabaptin, RAB GTPase binding effector protein 2 (RABEP2),

gi|117956404|ref|NM\_031477.4| Homo sapiens yippee-like 3 (Drosophila) (YPEL3), transcript variant 1, mR

gi|117968327|ref|NM\_001077663.1| Homo sapiens upregulator of cell proliferation (URGCP), nuclear gene

gi|117968419|ref|NM\_145697.2| Homo sapiens NUF2, NDC80 kinetochore complex component, homolog (

gi|117968462|ref|NM\_139135.2| Homo sapiens AT rich interactive domain 1A (SWI-like) (ARID1A), transcrip

gi|117968479|ref|NM\_139048.2| Homo sapiens helicase-like transcription factor (HLTF), transcript variant :

gi|118026926|ref|NM\_024815.3| Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif

gi|118026932|ref|NM\_001077690.1| Homo sapiens asparagine-linked glycosylation 9, alpha-1,2-mannosylt

gi|118026938|ref|NM\_005224.2| Homo sapiens AT rich interactive domain 3A (BRIGHT-like) (ARID3A), mRN

gi|118026941|ref|NM\_020205.2| Homo sapiens OTU domain containing 7B (OTUD7B), mRNA;

gi|118136291|ref|NM\_006465.2| Homo sapiens AT rich interactive domain 3B (BRIGHT-like) (ARID3B), mRN

gi|118136293|ref|NM\_031371.3| Homo sapiens AT rich interactive domain 4B (RBP1-like) (ARID4B), transcr

gi|118136303|ref|NM\_001515.3| Homo sapiens general transcription factor IIH, polypeptide 2, 44kDa (GTF

gi|118150659|ref|NM\_018471.2| Homo sapiens zinc finger CCCH-type containing 15 (ZC3H15), mRNA;

gi|118197271|ref|NM\_018036.5| Homo sapiens ATG2 autophagy related 2 homolog B (S. cerevisiae) (ATG2

gi|118197275|ref|NM\_014385.2| Homo sapiens sialic acid binding Ig-like lectin 7 (SIGLEC7), transcript varia

gi|118200334|ref|NM\_001078171.1| Homo sapiens family with sequence similarity 127, member A (FAM12

gi|118200336|ref|NM\_001078173.1| Homo sapiens family with sequence similarity 127, member C (FAM12

gi|118200338|ref|NM\_006815.3| Homo sapiens transmembrane emp24 domain trafficking protein 2 (TMEI  
 gi|118200348|ref|NM\_006373.3| Homo sapiens vesicle amine transport protein 1 homolog (T. californica) (  
 gi|118200353|ref|NM\_001077711.1| Homo sapiens keratin associated protein 27-1 (KRTAP27-1), mRNA;  
 gi|118200355|ref|NM\_014394.2| Homo sapiens growth hormone inducible transmembrane protein (GHITN  
 gi|118343646|ref|NM\_016126.2| Homo sapiens heat shock protein family B (small), member 11 (HSPB11),  
 gi|118344453|ref|NM\_004890.2| Homo sapiens sperm associated antigen 7 (SPAG7), mRNA;  
 gi|118344455|ref|NM\_016001.2| Homo sapiens UTP18 small subunit (SSU) processome component homolo  
 gi|118402579|ref|NM\_003903.3| Homo sapiens cell division cycle 16 homolog (S. cerevisiae) (CDC16), trans  
 gi|118402581|ref|NM\_001255.2| Homo sapiens cell division cycle 20 homolog (S. cerevisiae) (CDC20), mRN  
 gi|118402583|ref|NM\_012164.3| Homo sapiens F-box and WD repeat domain containing 2 (FBXW2), mRNA  
 gi|118402585|ref|NM\_006708.2| Homo sapiens glyoxalase I (GLO1), mRNA;  
 gi|118402587|ref|NM\_002120.3| Homo sapiens major histocompatibility complex, class II, DO beta (HLA-DI  
 gi|118402588|ref|NM\_004232.3| Homo sapiens suppressor of cytokine signaling 6 (SOCS6), mRNA;  
 gi|118402589|ref|NM\_016239.3| Homo sapiens myosin XVA (MYO15A), mRNA;  
 gi|118402591|ref|NM\_004295.3| Homo sapiens TNF receptor-associated factor 4 (TRAF4), mRNA;  
 gi|118402595|ref|NM\_004661.3| Homo sapiens cell division cycle 23 homolog (S. cerevisiae) (CDC23), mRN  
 gi|118403325|ref|NM\_001078650.1| Homo sapiens transmembrane protein 134 (TMEM134), transcript va  
 gi|118421080|ref|NM\_001042572.2| Homo sapiens chromodomain helicase DNA binding protein 2 (CHD2),  
 gi|118421084|ref|NM\_152259.3| Homo sapiens chromosome 15 open reading frame 42 (C15orf42), mRNA  
 gi|118421086|ref|NM\_015529.2| Homo sapiens monooxygenase, DBH-like 1 (MOXD1), transcript variant 2,  
 gi|118421090|ref|NM\_021831.5| Homo sapiens ATP/GTP binding protein-like 5 (AGBL5), transcript variant  
 gi|118442824|ref|NM\_152396.2| Homo sapiens methyltransferase like 6 (METTL6), mRNA;  
 gi|118442826|ref|NM\_003193.3| Homo sapiens tubulin folding cofactor E (TBCE), transcript variant 2, mRN  
 gi|118442833|ref|NM\_015272.2| Homo sapiens RPGRIP1-like (RPGRIP1L), transcript variant 1, mRNA; gi|118  
 gi|118442838|ref|NM\_002113.2| Homo sapiens complement factor H-related 1 (CFHR1), mRNA;  
 gi|118442840|ref|NM\_152335.2| Homo sapiens chromosome 15 open reading frame 27 (C15orf27), mRNA  
 gi|118442842|ref|NM\_012368.2| Homo sapiens olfactory receptor, family 2, subfamily C, member 1 (OR2C  
 gi|118442844|ref|NM\_001079516.1| Homo sapiens N-acylsphingosine amidohydrolase (non-lysosomal cer  
 gi|118498335|ref|NM\_016520.2| Homo sapiens chromosome 9 open reading frame 78 (C9orf78), mRNA;  
 gi|118498336|ref|NM\_015382.2| Homo sapiens HECT domain containing E3 ubiquitin protein ligase 1 (HEC  
 gi|118498338|ref|NM\_133457.2| Homo sapiens EMI domain containing 2 (EMID2), mRNA;  
 gi|118498340|ref|NM\_001906.4| Homo sapiens chymotrypsinogen B1 (CTRB1), mRNA;  
 gi|118498342|ref|NM\_014861.2| Homo sapiens ATPase, Ca++ transporting, type 2C, member 2 (ATP2C2), n  
 gi|118498349|ref|NM\_001025200.3| Homo sapiens chymotrypsinogen B2 (CTRB2), mRNA;  
 gi|118498351|ref|NM\_005792.2| Homo sapiens M-phase phosphoprotein 6 (MPHOSPH6), mRNA;  
 gi|118498353|ref|NM\_015386.2| Homo sapiens component of oligomeric golgi complex 4 (COG4), transcrip  
 gi|118498358|ref|NM\_015659.2| Homo sapiens ribosomal L1 domain containing 1 (RSL1D1), mRNA;  
 gi|118498360|ref|NM\_182926.2| Homo sapiens kinectin 1 (kinesin receptor) (KTN1), transcript variant 1, m  
 gi|118498363|ref|NM\_001079520.1| Homo sapiens dapper, antagonist of beta-catenin, homolog 1 (Xenopi  
 gi|118498370|ref|NM\_173607.3| Homo sapiens family with sequence similarity 177, member A1 (FAM177/  
 gi|118498372|ref|NM\_205856.2| Homo sapiens sperm acrosome associated 5 (SPACA5), mRNA;  
 gi|118498376|ref|NR\_003271.1| Homo sapiens small nucleolar RNA, C/D box 3B-1 (SNORD3B-1), small nucl  
 gi|118572579|ref|NM\_178231.2| Homo sapiens islet cell autoantigen 1,69kDa-like (ICA1L), transcript variar  
 gi|118572580|ref|NM\_005901.4| Homo sapiens SMAD family member 2 (SMAD2), transcript variant 1, mRN  
 gi|118572582|ref|NM\_003192.2| Homo sapiens tubulin folding cofactor C (TBCC), mRNA;  
 gi|118572583|ref|NM\_005993.4| Homo sapiens tubulin folding cofactor D (TBCD), mRNA;  
 gi|118572584|ref|NM\_005854.2| Homo sapiens receptor (G protein-coupled) activity modifying protein 2 (

gi|118572586|ref|NM\_005856.2| Homo sapiens receptor (G protein-coupled) activity modifying protein 3 (

gi|118572587|ref|NM\_001761.2| Homo sapiens cyclin F (CCNF), mRNA;

gi|118572592|ref|NM\_182981.2| Homo sapiens oxidative stress induced growth inhibitor 1 (OSGIN1), nucle

gi|118572594|ref|NM\_002705.4| Homo sapiens periplakin (PPL), mRNA;

gi|118572598|ref|NM\_013241.2| Homo sapiens formin homology 2 domain containing 1 (FHOD1), mRNA;

gi|118572602|ref|NM\_001079514.1| Homo sapiens ubinuclein 1 (UBN1), transcript variant 2, mRNA; gi|118

gi|118572605|ref|NM\_031935.2| Homo sapiens hemicentin 1 (HMCN1), mRNA;

gi|118572607|ref|NM\_033188.3| Homo sapiens keratin associated protein 4-5 (KRTAP4-5), mRNA;

gi|118572609|ref|NM\_016183.3| Homo sapiens mRNA turnover 4 homolog (S. cerevisiae) (MRTO4), mRNA;

gi|118572610|ref|NM\_002484.2| Homo sapiens nucleotide binding protein 1 (NUBP1), mRNA;

gi|118572612|ref|NM\_016333.3| Homo sapiens serine/arginine repetitive matrix 2 (SRRM2), mRNA;

gi|118582254|ref|NM\_000352.3| Homo sapiens ATP-binding cassette, sub-family C (CFTR/MRP), member 8

gi|118582256|ref|NM\_003055.2| Homo sapiens solute carrier family 18 (vesicular acetylcholine), member 3

gi|118582264|ref|NM\_001078176.1| Homo sapiens solute carrier family 29 (nucleoside transporters), mem

gi|118582274|ref|NM\_003102.2| Homo sapiens superoxide dismutase 3, extracellular (SOD3), mRNA;

gi|118582281|ref|NM\_021012.4| Homo sapiens potassium inwardly-rectifying channel, subfamily J, membe

gi|118582282|ref|NM\_012316.4| Homo sapiens karyopherin alpha 6 (importin alpha 7) (KPNA6), mRNA;

gi|118582283|ref|NM\_002448.3| Homo sapiens msh homeobox 1 (MSX1), mRNA;

gi|118582285|ref|NM\_002625.2| Homo sapiens 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 1 (P

gi|118582287|ref|NM\_000391.3| Homo sapiens tripeptidyl peptidase I (TPP1), mRNA;

gi|118582288|ref|NM\_003221.3| Homo sapiens transcription factor AP-2 beta (activating enhancer binding

gi|118600962|ref|NM\_198465.2| Homo sapiens Nik related kinase (NRK), mRNA;

gi|118600964|ref|NM\_017421.3| Homo sapiens coenzyme Q3 homolog, methyltransferase (S. cerevisiae) (l

gi|118600970|ref|NM\_001006938.2| Homo sapiens transcription elongation factor A (SII)-like 6 (TCEAL6), n

gi|118600972|ref|NM\_016024.2| Homo sapiens RNA binding motif protein, X-linked 2 (RBMX2), mRNA;

gi|118600974|ref|NM\_007269.2| Homo sapiens syntaxin binding protein 3 (STXBP3), mRNA;

gi|118600976|ref|NM\_015692.2| Homo sapiens C3 and PZP-like, alpha-2-macroglobulin domain containing

gi|118600978|ref|NM\_016481.3| Homo sapiens chromosome 9 open reading frame 156 (C9orf156), mRNA

gi|118600980|ref|NM\_032776.1| Homo sapiens jumonji domain containing 1C (JMJD1C), transcript variant

gi|118600982|ref|NM\_004386.2| Homo sapiens neurocan (NCAN), mRNA;

gi|118600984|ref|NM\_003430.2| Homo sapiens zinc finger protein 91 (ZNF91), mRNA;

gi|118600986|ref|NM\_017658.3| Homo sapiens kelch-like 28 (Drosophila) (KLHL28), mRNA;

gi|118600987|ref|NM\_177452.3| Homo sapiens trafficking protein particle complex 6B (TRAPPC6B), transcr

gi|118600994|ref|NM\_001079530.1| Homo sapiens cripto, FRL-1, cryptic family 1B (CFC1B), mRNA;

gi|118600999|ref|NM\_001079538.1| Homo sapiens X antigen family, member 2B (XAGE2B), mRNA;

gi|11863151|ref|NM\_004973.2| Homo sapiens jumonji, AT rich interactive domain 2 (JARID2), mRNA;

gi|118640869|ref|NM\_001079536.1| Homo sapiens ADP-ribosyltransferase 5 (ART5), transcript variant 2, n

gi|118640872|ref|NM\_001079539.1| Homo sapiens X-box binding protein 1 (XBP1), transcript variant 2, mF

gi|118722343|ref|NM\_030949.2| Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 14C (

gi|118722348|ref|NM\_203390.2| Homo sapiens RNA binding motif protein 12B (RBM12B), mRNA;

gi|118722350|ref|NM\_024719.2| Homo sapiens growth hormone regulated TBC protein 1 (GRTP1), mRNA;

gi|118766327|ref|NM\_001079669.1| Homo sapiens transmembrane and tetratricopeptide repeat containir

gi|118766331|ref|NM\_033387.3| Homo sapiens family with sequence similarity 78, member A (FAM78A), n

gi|118766336|ref|NM\_033132.3| Homo sapiens Zic family member 5 (ZIC5), mRNA;

gi|118766340|ref|NM\_006401.2| Homo sapiens acidic (leucine-rich) nuclear phosphoprotein 32 family, mei

gi|118766341|ref|NM\_022761.2| Homo sapiens chromosome 11 open reading frame 1 (C11orf1), mRNA;

gi|118766346|ref|NM\_198581.2| Homo sapiens zinc finger CCCH-type containing 6 (ZC3H6), mRNA;

gi|118766349|ref|NM\_030925.2| Homo sapiens calcium binding protein 39-like (CAB39L), transcript variant  
 gi|118918394|ref|NM\_001079673.1| Homo sapiens fibronectin type III domain containing 3A (FNDC3A), tra  
 gi|118918398|ref|NM\_182910.2| Homo sapiens spectrin repeat containing, nuclear envelope 2 (SYNE2), tra  
 gi|118918404|ref|NM\_013299.3| Homo sapiens SAC3 domain containing 1 (SAC3D1), mRNA;  
 gi|118918408|ref|NM\_016486.3| Homo sapiens transmembrane protein 69 (TMEM69), mRNA;  
 gi|118918410|ref|NM\_015694.2| Homo sapiens zinc finger protein 777 (ZNF777), mRNA;  
 gi|118918412|ref|NM\_032867.2| Homo sapiens MICAL C-terminal like (MICALCL), mRNA;  
 gi|118918414|ref|NM\_030974.3| Homo sapiens SHANK-associated RH domain interactor (SHARPIN), transc  
 gi|118918416|ref|NM\_022573.2| Homo sapiens testis specific protein, Y-linked 2 (TSPY2), mRNA;  
 gi|118918420|ref|NM\_001079675.1| Homo sapiens ets variant 4 (ETV4), transcript variant 2, mRNA; gi|118  
 gi|118918422|ref|NM\_001012502.2| Homo sapiens chromosome 9 open reading frame 117 (C9orf117), m  
 gi|118918424|ref|NM\_002128.4| Homo sapiens high mobility group box 1 (HMGB1), mRNA;  
 gi|118918425|ref|NM\_138706.3| Homo sapiens UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransfe  
 gi|118918428|ref|NM\_178844.2| Homo sapiens NLR family, CARD domain containing 3 (NLRC3), mRNA;  
 gi|118918430|ref|NM\_001079529.2| Homo sapiens family with sequence similarity 153, member B (FAM15  
 gi|118918434|ref|NM\_144992.4| Homo sapiens von Willebrand factor A domain containing 3B (VWA3B), m  
 gi|119120793|ref|NM\_001003443.2| Homo sapiens olfactory receptor, family 56, subfamily A, member 3 (O  
 gi|119120833|ref|NM\_031945.3| Homo sapiens tetraspanin 10 (TSPAN10), mRNA;  
 gi|119120843|ref|NM\_032120.2| Homo sapiens RNA binding motif protein 48 (RBM48), mRNA;  
 gi|119120873|ref|NM\_175736.4| Homo sapiens formin-like 3 (FMNL3), transcript variant 1, mRNA; gi|1191  
 gi|119120876|ref|NM\_133474.2| Homo sapiens zinc finger protein 721 (ZNF721), mRNA;  
 gi|119120883|ref|NM\_001039112.2| Homo sapiens fer-1-like 6 (C. elegans) (FER1L6), mRNA;  
 gi|119120886|ref|NM\_020444.3| Homo sapiens KIAA1191 (KIAA1191), transcript variant 1, mRNA; gi|1191  
 gi|119120914|ref|NM\_052924.2| Homo sapiens raphilin, Rho GTPase binding protein 1 (RHPN1), mRNA;  
 gi|119120917|ref|NM\_207311.2| Homo sapiens coiled-coil domain containing 64 (CCDC64), mRNA;  
 gi|119120937|ref|NM\_001024916.2| Homo sapiens COBW domain containing 5 (CBWD5), mRNA;  
 gi|119220549|ref|NM\_001079653.1| Homo sapiens sidekick cell adhesion molecule 1 (SDK1), transcript var  
 gi|119220553|ref|NM\_018327.2| Homo sapiens serine palmitoyltransferase, long chain base subunit 3 (SPT  
 gi|119220556|ref|NM\_001079524.1| Homo sapiens phosphoribosylaminoimidazole carboxylase, phosphori  
 gi|119220560|ref|NM\_002686.3| Homo sapiens phenylethanolamine N-methyltransferase (PNMT), mRNA;  
 gi|119220563|ref|NM\_004852.2| Homo sapiens one cut homeobox 2 (ONECUT2), mRNA;  
 gi|119220565|ref|NM\_007253.3| Homo sapiens cytochrome P450, family 4, subfamily F, polypeptide 8 (CY  
 gi|119220576|ref|NM\_014815.3| Homo sapiens mediator complex subunit 24 (MED24), transcript variant 1  
 gi|119220582|ref|NM\_003715.2| Homo sapiens USO1 vesicle docking protein homolog (yeast) (USO1), mR  
 gi|119220584|ref|NM\_206920.2| Homo sapiens MAM domain containing 4 (MAMDC4), mRNA;  
 gi|119220587|ref|NM\_032503.2| Homo sapiens melanin-concentrating hormone receptor 2 (MCHR2), tran  
 gi|119220591|ref|NM\_001079526.1| Homo sapiens IKAROS family zinc finger 2 (Helios) (IKZF2), transcript v  
 gi|119220593|ref|NM\_000875.3| Homo sapiens insulin-like growth factor 1 receptor (IGF1R), mRNA;  
 gi|119220600|ref|NM\_033178.2| Homo sapiens double homeobox 4 (DUX4), mRNA;  
 gi|119220604|ref|NM\_005153.2| Homo sapiens ubiquitin specific peptidase 10 (USP10), mRNA;  
 gi|119226216|ref|NM\_032597.3| Homo sapiens membrane-spanning 4-domains, subfamily A, member 14 (M  
 gi|119226223|ref|NM\_052818.2| Homo sapiens NEDD4 binding protein 2-like 1 (N4BP2L1), transcript varia  
 gi|119226225|ref|NM\_199050.2| Homo sapiens C2 calcium-dependent domain containing 2 (C2CD2), trans  
 gi|119226228|ref|NM\_153688.2| Homo sapiens zinc finger protein 1 homolog (mouse) (ZFP1), mRNA;  
 gi|119226258|ref|NM\_032207.2| Homo sapiens chromosome 19 open reading frame 44 (C19orf44), mRNA  
 gi|119226259|ref|NM\_006387.5| Homo sapiens calcium homeostasis endoplasmic reticulum protein (CHER  
 gi|119369511|ref|NM\_001079809.1| Homo sapiens transmembrane protein 183B (TMEM183B), mRNA;

gi|119372285|ref|NM\_021957.3| Homo sapiens glycogen synthase 2 (liver) (GYS2), mRNA;

gi|119372297|ref|NM\_001079807.1| Homo sapiens pepsinogen 3, group I (pepsinogen A) (PGA3), mRNA;

gi|119372301|ref|NM\_001079808.1| Homo sapiens pepsinogen 4, group I (pepsinogen A) (PGA4), mRNA;

gi|119372307|ref|NM\_000404.2| Homo sapiens galactosidase, beta 1 (GLB1), transcript variant 1, mRNA; gi

gi|119392076|ref|NM\_012294.3| Homo sapiens Rap guanine nucleotide exchange factor (GEF) 5 (RAPGEF5);

gi|119392082|ref|NM\_000196.3| Homo sapiens hydroxysteroid (11-beta) dehydrogenase 2 (HSD11B2), mR

gi|119392084|ref|NM\_002543.3| Homo sapiens oxidized low density lipoprotein (lectin-like) receptor 1 (OL

gi|119392093|ref|NM\_002180.2| Homo sapiens immunoglobulin mu binding protein 2 (IGHMBP2), mRNA;

gi|119393877|ref|NM\_004536.2| Homo sapiens NLR family, apoptosis inhibitory protein (NAIP), transcript \

gi|119393882|ref|NM\_033007.3| Homo sapiens NLR family, pyrin domain containing 1 (NLRP1), transcript \

gi|119393884|ref|NM\_005146.4| Homo sapiens squamous cell carcinoma antigen recognized by T cells (SAI

gi|119393885|ref|NM\_014706.3| Homo sapiens squamous cell carcinoma antigen recognized by T cells 3 (S

gi|119393887|ref|NM\_021709.2| Homo sapiens SIVA1, apoptosis-inducing factor (SIVA1), transcript variant

gi|119393888|ref|NM\_006425.4| Homo sapiens SLU7 splicing factor homolog (S. cerevisiae) (SLU7), mRNA;

gi|119393889|ref|NM\_000151.2| Homo sapiens glucose-6-phosphatase, catalytic subunit (G6PC), mRNA;

gi|119393892|ref|NM\_001079803.1| Homo sapiens glucosidase, alpha; acid (GAA), transcript variant 2, mR

gi|119395708|ref|NM\_000129.3| Homo sapiens coagulation factor XIII, A1 polypeptide (F13A1), mRNA;

gi|119395710|ref|NM\_000130.4| Homo sapiens coagulation factor V (proaccelerin, labile factor) (F5), mRNA;

gi|119395713|ref|NM\_006731.2| Homo sapiens fukutin (FKTN), transcript variant 2, mRNA; gi|312176388|

gi|119395715|ref|NM\_001453.2| Homo sapiens forkhead box C1 (FOXC1), mRNA;

gi|119395723|ref|NM\_153022.2| Homo sapiens chromosome 12 open reading frame 59 (C12orf59), mRNA

gi|119395724|ref|NM\_030594.3| Homo sapiens cytoplasmic polyadenylation element binding protein 1 (CF

gi|119395730|ref|NM\_001335.3| Homo sapiens cathepsin W (CTSW), mRNA;

gi|119395731|ref|NM\_182641.3| Homo sapiens bromodomain PHD finger transcription factor (BPTF), trans

gi|119395733|ref|NM\_000059.3| Homo sapiens breast cancer 2, early onset (BRCA2), mRNA;

gi|119395737|ref|NM\_001079817.1| Homo sapiens insulin receptor (INSR), transcript variant 2, mRNA; gi|1

gi|119395739|ref|NM\_001079818.1| Homo sapiens integrin, alpha 6 (ITGA6), transcript variant 1, mRNA; gi

gi|119395745|ref|NM\_000216.2| Homo sapiens Kallmann syndrome 1 sequence (KAL1), mRNA;

gi|119395747|ref|NM\_000217.2| Homo sapiens potassium voltage-gated channel, shaker-related subfamily

gi|119395749|ref|NM\_006121.3| Homo sapiens keratin 1 (KRT1), mRNA;

gi|119395753|ref|NM\_000424.3| Homo sapiens keratin 5 (KRT5), mRNA;

gi|119395762|ref|NM\_176822.3| Homo sapiens NLR family, pyrin domain containing 14 (NLRP14), mRNA;

gi|119433676|ref|NM\_000083.2| Homo sapiens chloride channel, voltage-sensitive 1 (CLCN1), transcript va

gi|119466530|ref|NM\_000426.3| Homo sapiens laminin, alpha 2 (LAMA2), transcript variant 1, mRNA; gi|1

gi|119508425|ref|NM\_001853.3| Homo sapiens collagen, type IX, alpha 3 (COL9A3), mRNA;

gi|119508432|ref|NM\_005912.2| Homo sapiens melanocortin 4 receptor (MC4R), mRNA;

gi|119637838|ref|NM\_002498.2| Homo sapiens NIMA (never in mitosis gene a)-related kinase 3 (NEK3), tra

gi|119672899|ref|NM\_003178.4| Homo sapiens synapsin II (SYN2), transcript variant IIb, mRNA; gi|119672:

gi|11968022|ref|NM\_022473.1| Homo sapiens zinc finger protein 106 homolog (mouse) (ZFP106), mRNA;

gi|11968046|ref|NM\_022490.1| Homo sapiens polymerase (RNA) I polypeptide E, 53kDa (POLR1E), mRNA;

gi|11968050|ref|NM\_022493.1| Homo sapiens nuclear prelamin A recognition factor-like (NARFL), mRNA;

gi|11968052|ref|NM\_022494.1| Homo sapiens zinc finger, DHHC-type containing 6 (ZDHHC6), mRNA;

gi|119703741|ref|NM\_017682.2| Homo sapiens bestrophin 2 (BEST2), mRNA;

gi|119703743|ref|NM\_001942.2| Homo sapiens desmoglein 1 (DSG1), mRNA;

gi|119703745|ref|NM\_004453.2| Homo sapiens electron-transferring-flavoprotein dehydrogenase (ETFDH)

gi|119703747|ref|NM\_001432.2| Homo sapiens epiregulin (EREG), mRNA;

gi|119703748|ref|NM\_032821.2| Homo sapiens HYDIN, axonemal central pair apparatus protein (HYDIN), t



gi|119703752|ref|NM\_005555.3| Homo sapiens keratin 6B (KRT6B), mRNA;

gi|119703754|ref|NM\_002292.3| Homo sapiens laminin, beta 2 (laminin S) (LAMB2), mRNA;

gi|119709831|ref|NM\_002335.2| Homo sapiens low density lipoprotein receptor-related protein 5 (LRP5), mRNA;

gi|119709833|ref|NM\_001079843.1| Homo sapiens castor zinc finger 1 (CASZ1), transcript variant 1, mRNA;

gi|119709841|ref|NR\_003110.2| Homo sapiens chaperonin containing TCP1, subunit 6 (zeta) pseudogene 1 (CCT6B), mRNA;

gi|119829182|ref|NM\_000498.3| Homo sapiens cytochrome P450, family 11, subfamily B, polypeptide 2 (CYP11B2), mRNA;

gi|119829186|ref|NM\_000494.3| Homo sapiens collagen, type XVII, alpha 1 (COL17A1), mRNA;

gi|119829190|ref|NM\_018668.3| Homo sapiens vacuolar protein sorting 33 homolog B (yeast) (VPS33B), mRNA;

gi|119874200|ref|NM\_015030.1| Homo sapiens FRY-like (FRYL), mRNA;

gi|119874212|ref|NM\_025015.2| Homo sapiens heat shock 70kDa protein 12A (HSPA12A), mRNA;

gi|119943094|ref|NM\_014182.4| Homo sapiens ORM1-like 2 (S. cerevisiae) (ORMDL2), mRNA;

gi|119943095|ref|NM\_032364.5| Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 14 (DNAJC14), mRNA;

gi|119943101|ref|NM\_001079846.1| Homo sapiens CREB binding protein (CREBBP), transcript variant 2, mRNA;

gi|119943109|ref|NM\_004937.2| Homo sapiens cystinosin, lysosomal cystine transporter (CTNS), transcript variant 1, mRNA;

gi|119943111|ref|NM\_001360.2| Homo sapiens 7-dehydrocholesterol reductase (DHCR7), transcript variant 1, mRNA;

gi|119943148|ref|NR\_003277.1| Homo sapiens heterogeneous nuclear ribonucleoprotein A1 pseudogene 1 (HNRNP-A1-AS1), mRNA;

gi|119943151|ref|NM\_001005221.2| Homo sapiens olfactory receptor, family 4, subfamily F, member 29 (OR4F29), mRNA;

gi|119964689|ref|NM\_003918.2| Homo sapiens glycogenin 2 (GYG2), transcript variant 2, mRNA; gi|296041199|ref|NM\_001005221.2| Homo sapiens olfactory receptor, family 4, subfamily F, member 29 (OR4F29), mRNA;

gi|119964717|ref|NM\_001944.2| Homo sapiens desmoglein 3 (DSG3), mRNA;

gi|119964719|ref|NM\_153274.2| Homo sapiens bestrophin 4 (BEST4), mRNA;

gi|119964720|ref|NM\_005246.2| Homo sapiens fer (fps/fes related) tyrosine kinase (FER), mRNA;

gi|119964722|ref|NM\_003897.3| Homo sapiens immediate early response 3 (IER3), mRNA;

gi|119964724|ref|NM\_001139.2| Homo sapiens arachidonate 12-lipoxygenase, 12R type (ALOX12B), mRNA;

gi|119964725|ref|NM\_000876.2| Homo sapiens insulin-like growth factor 2 receptor (IGF2R), mRNA;

gi|119964727|ref|NM\_152783.3| Homo sapiens D-2-hydroxyglutarate dehydrogenase (D2HGDH), nuclear gene encoding mitochondrial isoform, mRNA;

gi|119964731|ref|NM\_004328.4| Homo sapiens BCS1-like (S. cerevisiae) (BCS1L), nuclear gene encoding mitochondrial isoform, mRNA;

gi|12007649|ref|NM\_022569.1| Homo sapiens N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 4 (H4N6S), mRNA;

gi|12025664|ref|NM\_003350.2| Homo sapiens ubiquitin-conjugating enzyme E2 variant 2 (UBE2V2), mRNA;

gi|120300930|ref|NM\_178310.3| Homo sapiens snail homolog 3 (Drosophila) (SNAI3), mRNA;

gi|120431609|ref|NM\_024884.2| Homo sapiens L-2-hydroxyglutarate dehydrogenase (L2HGDH), nuclear gene encoding mitochondrial isoform, mRNA;

gi|120431610|ref|NM\_207361.4| Homo sapiens FRAS1 related extracellular matrix protein 2 (FREM2), mRNA;

gi|120431744|ref|NM\_001079871.1| Homo sapiens huntingtin-associated protein 1 (HAP1), transcript variant 1, mRNA;

gi|120432041|ref|NM\_001079874.1| Homo sapiens vav 3 guanine nucleotide exchange factor (VAV3), transcript variant 1, mRNA;

gi|120432045|ref|NM\_199242.2| Homo sapiens unc-13 homolog D (C. elegans) (UNC13D), mRNA;

gi|120433597|ref|NM\_178161.2| Homo sapiens pancreas specific transcription factor, 1a (PTF1A), mRNA;

gi|120433599|ref|NM\_001079878.1| Homo sapiens cyclic nucleotide gated channel alpha 3 (CNGA3), transcript variant 1, mRNA;

gi|120444923|ref|NM\_152336.2| Homo sapiens ATP/GTP binding protein-like 1 (AGBL1), mRNA;

gi|12056466|ref|NM\_004076.3| Homo sapiens crystallin, beta B3 (CRYBB3), mRNA;

gi|12056477|ref|NM\_003353.2| Homo sapiens urocortin (UCN), mRNA;

gi|120586995|ref|NM\_003575.2| Homo sapiens zinc finger protein 282 (ZNF282), mRNA;

gi|120587018|ref|NM\_014345.2| Homo sapiens zinc finger protein 318 (ZNF318), mRNA;

gi|120587022|ref|NM\_014503.2| Homo sapiens UTP20, small subunit (SSU) processome component, homolog 1, mRNA;

gi|120587024|ref|NM\_016148.2| Homo sapiens SH3 and multiple ankyrin repeat domains 1 (SHANK1), mRNA;

gi|120587026|ref|NM\_020718.3| Homo sapiens ubiquitin specific peptidase 31 (USP31), mRNA;

gi|120659781|ref|NM\_001079880.1| Homo sapiens protein kinase D2 (PRKD2), transcript variant 2, mRNA;

gi|120952754|ref|NM\_001079900.1| Homo sapiens sperm acrosome associated 5B (SPACA5B), mRNA;

gi|120952850|ref|NM\_014846.3| Homo sapiens KIAA0196 (KIAA0196), mRNA;

gi|120953250|ref|NM\_014903.4| Homo sapiens neuron navigator 3 (NAV3), mRNA;

gi|120953290|ref|NM\_133372.2| Homo sapiens folliculin interacting protein 1 (FNIP1), transcript variant 1,

gi|120953299|ref|NM\_001079910.1| Homo sapiens leucine-rich repeats and IQ motif containing 1 (LRR1Q1)

gi|121114286|ref|NM\_015316.2| Homo sapiens protein phosphatase 1, regulatory subunit 13B (PPP1R13B)

gi|121114288|ref|NM\_000318.2| Homo sapiens peroxisomal biogenesis factor 2 (PEX2), transcript variant 1

gi|121114295|ref|NM\_001804.2| Homo sapiens caudal type homeobox 1 (CDX1), mRNA;

gi|121114297|ref|NM\_003588.3| Homo sapiens cullin 4B (CUL4B), transcript variant 1, mRNA; gi|12111430

gi|121114299|ref|NM\_001815.2| Homo sapiens carcinoembryonic antigen-related cell adhesion molecule 3

gi|121114303|ref|NM\_004119.2| Homo sapiens fms-related tyrosine kinase 3 (FLT3), mRNA;

gi|121247394|ref|NM\_001079935.1| Homo sapiens olfactory receptor, family 7, subfamily E, member 24 (C

gi|121256637|ref|NM\_000918.3| Homo sapiens prolyl 4-hydroxylase, beta polypeptide (P4HB), mRNA;

gi|121582459|ref|NM\_024709.4| Homo sapiens chromosome 1 open reading frame 115 (C1orf115), mRNA

gi|121582462|ref|NM\_002761.2| Homo sapiens protamine 1 (PRM1), mRNA;

gi|121582464|ref|NM\_176870.2| Homo sapiens metallothionein 1M (MT1M), mRNA;

gi|121582465|ref|NM\_002983.2| Homo sapiens chemokine (C-C motif) ligand 3 (CCL3), mRNA;

gi|121582618|ref|NM\_001030015.2| Homo sapiens opsin 4 (OPN4), transcript variant 2, mRNA; gi|121582

gi|121582654|ref|NM\_144698.3| Homo sapiens ankyrin repeat domain 35 (ANKRD35), mRNA;

gi|121583732|ref|NR\_002328.3| Homo sapiens gonadotropin-releasing hormone (type 2) receptor 2 (GNRH

gi|121674794|ref|NM\_001037558.2| Homo sapiens hepatocellular carcinoma, down-regulated 1 (HEPN1),

gi|121674800|ref|NM\_152722.4| Homo sapiens hepatic and glial cell adhesion molecule (HEPACAM), mRNA;

gi|121949770|ref|NM\_001080143.1| Homo sapiens cancer/testis antigen family 47, member A4 (CT47A4),

gi|121949772|ref|NM\_001080144.1| Homo sapiens cancer/testis antigen family 47, member A3 (CT47A3),

gi|121949780|ref|NM\_152595.4| Homo sapiens piggyBac transposable element derived 4 (PGBD4), mRNA;

gi|121949781|ref|NM\_001025591.2| Homo sapiens secretoglobin, family 2B, member 2 (SCGB2B2), mRNA;

gi|121949782|ref|NM\_001017970.2| Homo sapiens transmembrane protein 30B (TMEM30B), mRNA;

gi|121949785|ref|NM\_001080137.1| Homo sapiens cancer/testis antigen family 47, member A10 (CT47A10)

gi|121949787|ref|NM\_001080138.1| Homo sapiens cancer/testis antigen family 47, member A9 (CT47A9),

gi|121949789|ref|NM\_001080139.1| Homo sapiens cancer/testis antigen family 47, member A8 (CT47A8),

gi|121949791|ref|NM\_001080140.1| Homo sapiens cancer/testis antigen family 47, member A7 (CT47A7),

gi|121949793|ref|NM\_001080141.1| Homo sapiens cancer/testis antigen family 47, member A6 (CT47A6),

gi|121949795|ref|NM\_001080142.1| Homo sapiens cancer/testis antigen family 47, member A5 (CT47A5),

gi|121949797|ref|NM\_001080145.1| Homo sapiens cancer/testis antigen family 47, member A2 (CT47A2),

gi|121949801|ref|NM\_001080146.1| Homo sapiens cancer/testis antigen family 47, member A1 (CT47A1),

gi|121949805|ref|NM\_001010922.2| Homo sapiens BCL2-like 15 (BCL2L15), mRNA;

gi|121949814|ref|NM\_182832.2| Homo sapiens placenta-specific 4 (PLAC4), mRNA;

gi|122056469|ref|NM\_033355.3| Homo sapiens caspase 8, apoptosis-related cysteine peptidase (CASP8), tr

gi|122056579|ref|NM\_207373.2| Homo sapiens chromosome 10 open reading frame 99 (C10orf99), mRNA

gi|122056613|ref|NM\_001080114.1| Homo sapiens LIM domain binding 3 (LDB3), transcript variant 2, mRNA

gi|122056622|ref|NM\_001080121.1| Homo sapiens prion protein (PRNP), transcript variant 3, mRNA; gi|12

gi|122056684|ref|NM\_013358.2| Homo sapiens peptidyl arginine deiminase, type I (PADI1), mRNA;

gi|122056695|ref|NM\_205854.2| Homo sapiens surfactant associated 2 (SFTA2), mRNA;

gi|122056696|ref|NM\_007173.4| Homo sapiens protease, serine, 23 (PRSS23), mRNA;

gi|122114543|ref|NM\_001009616.2| Homo sapiens SPANX family, member N5 (SPANXN5), mRNA;

gi|122114648|ref|NM\_017715.2| Homo sapiens zinc finger protein 3 (ZNF3), transcript variant 1, mRNA; gi|

gi|122114650|ref|NM\_025090.3| Homo sapiens ubiquitin specific peptidase 36 (USP36), mRNA;

gi|122114653|ref|NM\_024086.3| Homo sapiens methyltransferase like 16 (METTL16), mRNA;

gi|122114659|ref|NM\_173571.2| Homo sapiens cancer/testis antigen family 47, member A11 (CT47A11), n

gi|122114661|ref|NM\_206966.2| Homo sapiens chromosome 5 open reading frame 46 (C5orf46), mRNA;

gi|12232384|ref|NM\_022730.1| Homo sapiens COP9 constitutive photomorphogenic homolog subunit 7B (COP9B), mRNA;

gi|12232456|ref|NM\_022774.1| Homo sapiens defects in morphology 1 homolog (S. cerevisiae) (DEM1), mRNA;

gi|12232478|ref|NM\_022786.1| Homo sapiens ARV1 homolog (S. cerevisiae) (ARV1), mRNA;

gi|122692280|ref|NM\_001080209.1| Homo sapiens transmembrane protein 200C (TMEM200C), mRNA;

gi|122891861|ref|NM\_144973.3| Homo sapiens DENN/MADD domain containing 5B (DENND5B), mRNA;

gi|122891863|ref|NM\_022465.3| Homo sapiens IKAROS family zinc finger 4 (Eos) (IKZF4), mRNA;

gi|122891867|ref|NM\_018477.2| Homo sapiens actin-related protein 10 homolog (S. cerevisiae) (ACTR10), mRNA;

gi|122891868|ref|NM\_001012708.2| Homo sapiens keratin associated protein 5-3 (KRTAP5-3), mRNA;

gi|122891869|ref|NM\_198551.2| Homo sapiens melanoma inhibitory activity family, member 3 (MIA3), mRNA;

gi|122891873|ref|NM\_001001480.2| Homo sapiens keratin associated protein 5-5 (KRTAP5-5), mRNA;

gi|122937184|ref|NM\_001080392.1| Homo sapiens KIAA1147 (KIAA1147), mRNA;

gi|122937186|ref|NM\_001080393.1| Homo sapiens glucoside xylosyltransferase 2 (GXLT2), mRNA;

gi|122937192|ref|NM\_001080397.1| Homo sapiens solute carrier family 45, member 1 (SLC45A1), mRNA;

gi|122937194|ref|NM\_001080400.1| Homo sapiens perilipin 4 (PLIN4), mRNA;

gi|122937198|ref|NM\_001080401.1| Homo sapiens protein phosphatase, Mg<sup>2+</sup>/Mn<sup>2+</sup> dependent, 1N (PPP1R15B), mRNA;

gi|122937204|ref|NM\_001080405.1| Homo sapiens carcinoembryonic antigen-related cell adhesion molecule 1 (CEACAM1), mRNA;

gi|122937206|ref|NM\_001080402.1| Homo sapiens coiled-coil domain containing 61 (CCDC61), mRNA;

gi|122937208|ref|NM\_001080406.1| Homo sapiens chromosome 12 open reading frame 71 (C12orf71), mRNA;

gi|122937210|ref|NM\_001080398.1| Homo sapiens KIAA0368 (KIAA0368), mRNA;

gi|122937216|ref|NM\_001080411.1| Homo sapiens zinc finger protein 433 (ZNF433), mRNA;

gi|122937226|ref|NM\_001080415.1| Homo sapiens U2 snRNP-associated SURP domain containing (U2SURF), mRNA;

gi|122937228|ref|NM\_001080417.1| Homo sapiens zinc finger protein 629 (ZNF629), mRNA;

gi|122937232|ref|NM\_001080418.1| Homo sapiens discs, large (Drosophila) homolog-associated protein 3 (DLP3), mRNA;

gi|122937242|ref|NM\_001080426.1| Homo sapiens dual specificity phosphatase 27 (putative) (DUSP27), mRNA;

gi|122937250|ref|NM\_001080424.1| Homo sapiens lysine (K)-specific demethylase 6B (KDM6B), mRNA;

gi|122937256|ref|NM\_001080427.1| Homo sapiens thrombospondin, type I, domain containing 7B (THSD7B), mRNA;

gi|122937258|ref|NM\_001080431.1| Homo sapiens solute carrier family 45, member 4 (SLC45A4), mRNA;

gi|122937260|ref|NM\_001080433.1| Homo sapiens coiled-coil domain containing 85A (CCDC85A), mRNA;

gi|122937266|ref|NM\_001080434.1| Homo sapiens lemur tyrosine kinase 3 (LMTK3), mRNA;

gi|122937268|ref|NM\_001080436.1| Homo sapiens Wilms tumor 1 interacting protein (WTIP), mRNA;

gi|122937270|ref|NM\_001080435.1| Homo sapiens WAS protein homolog associated with actin, golgi membrane protein 1 (WASL), mRNA;

gi|122937272|ref|NM\_001080440.1| Homo sapiens otolin 1 (OTOL1), mRNA;

gi|122937276|ref|NM\_001080439.1| Homo sapiens heat shock transcription factor family member 5 (HSF5), mRNA;

gi|122937278|ref|NM\_001080441.1| Homo sapiens tetratricopeptide repeat domain 36 (TTC36), mRNA;

gi|122937280|ref|NM\_001080442.1| Homo sapiens solute carrier family 38, member 8 (SLC38A8), mRNA;

gi|122937282|ref|NM\_001080437.1| Homo sapiens sushi, nidogen and EGF-like domains 1 (SNED1), mRNA;

gi|122937284|ref|NM\_001080444.1| Homo sapiens immunoglobulin superfamily, member 5 (IGSF5), mRNA;

gi|122937288|ref|NM\_001080443.1| Homo sapiens kinesin family member 18B (KIF18B), mRNA;

gi|122937296|ref|NM\_001080451.1| Homo sapiens serpin peptidase inhibitor, clade A (alpha-1 antitrypsin) (SERPINA1), mRNA;

gi|122937300|ref|NM\_001080452.1| Homo sapiens G protein-coupled receptor 108 (GPR108), mRNA;

gi|122937306|ref|NM\_001080454.1| Homo sapiens acyl-CoA synthetase medium-chain family member 4 (ACSM4), mRNA;

gi|122937308|ref|NM\_001080457.1| Homo sapiens leucine rich repeat containing 4B (LRR4B), mRNA;

gi|122937314|ref|NM\_001080460.1| Homo sapiens leucine-rich repeats and IQ motif containing 4 (LRR1Q4), mRNA;

gi|122937318|ref|NM\_001080458.1| Homo sapiens even-skipped homeobox 2 (EVX2), mRNA;

gi|122937320|ref|NM\_001080461.1| Homo sapiens UNC homeobox (UNCX), mRNA;

gi|122937322|ref|NM\_001080462.1| Homo sapiens transmembrane protein 202 (TMEM202), mRNA;

gi|122937326|ref|NM\_001080466.1| Homo sapiens BTB (POZ) domain containing 17 (BTBD17), mRNA;  
 gi|122937332|ref|NM\_001080470.1| Homo sapiens zinc finger protein 697 (ZNF697), mRNA;  
 gi|122937334|ref|NM\_001080469.1| Homo sapiens F-box protein 46 (FBXO46), mRNA;  
 gi|122937336|ref|NM\_001080472.1| Homo sapiens fat storage-inducing transmembrane protein 2 (FITM2)  
 gi|122937338|ref|NM\_001080473.1| Homo sapiens major facilitator superfamily domain containing 2B (MF  
 gi|122937340|ref|NM\_001080474.1| Homo sapiens chromosome 2 open reading frame 78 (C2orf78), mRNA.  
 gi|122937342|ref|NM\_001080471.1| Homo sapiens platelet endothelial aggregation receptor 1 (PEAR1), m  
 gi|122937350|ref|NM\_001080478.1| Homo sapiens leucine rich repeat containing 14B (LRRC14B), mRNA;  
 gi|122937381|ref|NM\_001080542.1| Homo sapiens Fas (TNFRSF6) binding factor 1 (FBF1), mRNA;  
 gi|122937383|ref|NM\_001080546.1| Homo sapiens transmembrane protein 218 (TMEM218), mRNA;  
 gi|122937385|ref|NM\_001080545.1| Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 1  
 gi|122937395|ref|NM\_001080539.1| Homo sapiens coiled-coil domain containing 150 (CCDC150), mRNA;  
 gi|122937399|ref|NM\_001080477.1| Homo sapiens odz, odd Oz/ten-m homolog 3 (Drosophila) (ODZ3), mR  
 gi|122937403|ref|NM\_001080480.1| Homo sapiens membrane bound O-acyltransferase domain containing  
 gi|122937411|ref|NM\_001080481.1| Homo sapiens ubiquitin specific peptidase 45 (USP45), mRNA;  
 gi|122937415|ref|NM\_001080484.1| Homo sapiens KIAA1751 (KIAA1751), mRNA;  
 gi|122937419|ref|NM\_001080492.1| Homo sapiens protease, serine, 54 (PRSS54), mRNA;  
 gi|122937423|ref|NM\_001080488.1| Homo sapiens one cut homeobox 3 (ONECUT3), mRNA;  
 gi|122937449|ref|NM\_001080505.1| Homo sapiens shisa homolog 3 (Xenopus laevis) (SHISA3), mRNA;  
 gi|122937455|ref|NM\_001080508.1| Homo sapiens T-box 18 (TBX18), mRNA;  
 gi|122937457|ref|NM\_001080506.1| Homo sapiens transmembrane protein 150C (TMEM150C), mRNA;  
 gi|122937471|ref|NM\_001080512.1| Homo sapiens bicaudal C homolog 1 (Drosophila) (BICC1), mRNA;  
 gi|122937473|ref|NM\_001080516.1| Homo sapiens glutaredoxin, cysteine rich 2 (GRXCR2), mRNA;  
 gi|122937475|ref|NM\_001080518.1| Homo sapiens lipase, family member K (LIPK), mRNA;  
 gi|122937477|ref|NM\_001080523.1| Homo sapiens arrestin domain containing 5 (ARRDC5), mRNA;  
 gi|122937481|ref|NM\_001080525.1| Homo sapiens serine peptidase inhibitor, Kazal type 8 (putative) (SPIN  
 gi|122937483|ref|NM\_001080520.1| Homo sapiens dorsal root ganglia homeobox (DRGX), mRNA;  
 gi|122937485|ref|NM\_001080524.1| Homo sapiens chromosome 16 open reading frame 90 (C16orf90), m  
 gi|122937489|ref|NM\_001080526.1| Homo sapiens fatty acid binding protein 9, testis (FABP9), mRNA;  
 gi|122937491|ref|NM\_001080517.1| Homo sapiens SET domain containing 5 (SETD5), mRNA;  
 gi|122937497|ref|NM\_001080531.1| Homo sapiens chromosome 4 open reading frame 51 (C4orf51), mRN  
 gi|122937499|ref|NM\_001080533.1| Homo sapiens unc-119 homolog B (C. elegans) (UNC119B), mRNA;  
 gi|122937501|ref|NM\_001080532.1| Homo sapiens transmembrane channel-like 3 (TMC3), mRNA;  
 gi|122937509|ref|NM\_001080537.1| Homo sapiens sentan, cilia apical structure protein (SNTN), mRNA;  
 gi|122937511|ref|NM\_001080527.1| Homo sapiens myosin VIIb (MYO7B), mRNA;  
 gi|122937513|ref|NM\_001080534.1| Homo sapiens unc-13 homolog C (C. elegans) (UNC13C), mRNA;  
 gi|122939136|ref|NM\_006767.3| Homo sapiens leucine-zipper-like transcription regulator 1 (LZTR1), mRNA  
 gi|122939137|ref|NM\_001039888.2| Homo sapiens ankyrin repeat domain 34A (ANKRD34A), mRNA;  
 gi|122939141|ref|NM\_009585.3| Homo sapiens angiotensin II receptor, type 1 (AGTR1), transcript variant 2  
 gi|122939148|ref|NM\_001080156.1| Homo sapiens Rho GTPase activating protein 9 (ARHGAP9), transcript  
 gi|122939154|ref|NM\_012343.3| Homo sapiens nicotinamide nucleotide transhydrogenase (NNT), nuclear  
 gi|122939156|ref|NM\_015721.2| Homo sapiens gem (nuclear organelle) associated protein 4 (GEMIN4), m  
 gi|122939158|ref|NM\_007365.2| Homo sapiens peptidyl arginine deiminase, type II (PADI2), mRNA;  
 gi|122939160|ref|NM\_016233.2| Homo sapiens peptidyl arginine deiminase, type III (PADI3), mRNA;  
 gi|122939162|ref|NM\_005266.5| Homo sapiens gap junction protein, alpha 5, 40kDa (GJA5), transcript vari  
 gi|122939163|ref|NM\_000165.3| Homo sapiens gap junction protein, alpha 1, 43kDa (GJA1), mRNA;  
 gi|122939164|ref|NM\_015332.3| Homo sapiens NudC domain containing 3 (NUDCD3), mRNA;

gi|122939166|ref|NM\_019613.3| Homo sapiens WDR45-like (WDR45L), mRNA;

gi|122939171|ref|NM\_001080383.1| Homo sapiens gap junction protein, gamma 1, 45kDa (GJC1), transcript variant 1, mRNA;

gi|122939199|ref|NM\_006918.4| Homo sapiens sterol-C5-desaturase (ERG3 delta-5-desaturase homolog, SLC7A5), mRNA;

gi|122939205|ref|NM\_001080379.1| Homo sapiens PARK2 co-regulated (PACRG), transcript variant 3, mRNA;

gi|123173751|ref|NM\_031914.2| Homo sapiens synaptotagmin XVI (SYT16), mRNA;

gi|123173756|ref|NM\_133452.2| Homo sapiens ribonucleoprotein, PTB-binding 1 (RAVER1), mRNA;

gi|123173765|ref|NM\_033513.2| Homo sapiens tubulin polyglutamylase complex subunit 1 (TPGS1), mRNA;

gi|123173771|ref|NM\_152307.2| Homo sapiens tRNA methyltransferase 61 homolog A (S. cerevisiae) (TRM61A), mRNA;

gi|123173776|ref|NM\_021046.2| Homo sapiens keratin associated protein 5-8 (KRTAP5-8), mRNA;

gi|123173798|ref|NM\_001005405.2| Homo sapiens keratin associated protein 5-11 (KRTAP5-11), mRNA;

gi|123701325|ref|NM\_178457.1| Homo sapiens zinc finger protein 831 (ZNF831), mRNA;

gi|123701899|ref|NM\_006598.2| Homo sapiens solute carrier family 12 (potassium/chloride transporters), member 12A, mRNA;

gi|123701921|ref|NM\_173663.3| Homo sapiens family with sequence similarity 153, member A (FAM153A), mRNA;

gi|123702037|ref|NM\_005553.3| Homo sapiens keratin associated protein 5-9 (KRTAP5-9), mRNA;

gi|123702142|ref|NM\_001032392.2| Homo sapiens plasminogen-like B1 (PLGLB1), mRNA;

gi|123702173|ref|NM\_002665.4| Homo sapiens plasminogen-like B2 (PLGLB2), mRNA;

gi|12383050|ref|NM\_016192.2| Homo sapiens transmembrane protein with EGF-like and two follistatin-like domains (FSTL1), mRNA;

gi|124001557|ref|NM\_152586.3| Homo sapiens ubiquitin specific peptidase 54 (USP54), mRNA;

gi|124028509|ref|NM\_001080556.1| Homo sapiens WD repeat domain 16 (WDR16), transcript variant 3, mRNA;

gi|124028518|ref|NM\_001080551.1| Homo sapiens chromosome 9 open reading frame 84 (C9orf84), transcript variant 1, mRNA;

gi|124028520|ref|NM\_001080547.1| Homo sapiens spleen focus forming virus (SFFV) proviral integration origin of replication, mRNA;

gi|124028524|ref|NM\_005687.3| Homo sapiens phenylalanyl-tRNA synthetase, beta subunit (FARSB), mRNA;

gi|124028526|ref|NM\_017762.2| Homo sapiens myotubularin related protein 10 (MTMR10), mRNA;

gi|124028528|ref|NM\_004819.2| Homo sapiens symplekin (SYMPK), mRNA;

gi|124053441|ref|NM\_000934.3| Homo sapiens serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, protein C1-inhibitor), alpha-1, mRNA;

gi|12408660|ref|NM\_022438.1| Homo sapiens mal, T-cell differentiation protein (MAL), transcript variant 1, mRNA;

gi|124107605|ref|NM\_002255.5| Homo sapiens killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, mRNA;

gi|124107607|ref|NM\_182503.2| Homo sapiens adenosine deaminase, tRNA-specific 2 (ADAT2), mRNA;

gi|124107613|ref|NM\_021620.3| Homo sapiens PR domain containing 13 (PRDM13), mRNA;

gi|124107615|ref|NM\_194284.2| Homo sapiens claudin 23 (CLDN23), mRNA;

gi|124244055|ref|NM\_152424.3| Homo sapiens family with sequence similarity 123B (FAM123B), mRNA;

gi|124244057|ref|NM\_021035.2| Homo sapiens zinc finger, NFX1-type containing 1 (ZNF1), mRNA;

gi|124244058|ref|NM\_005951.2| Homo sapiens metallothionein 1H (MT1H), mRNA;

gi|124244082|ref|NM\_012166.2| Homo sapiens F-box protein 10 (FBXO10), mRNA;

gi|124244087|ref|NM\_144695.2| Homo sapiens BRO1 domain and CAAX motif containing (BROX), mRNA;

gi|124248515|ref|NM\_001042500.1| Homo sapiens defensin, alpha 1B (DEFA1B), mRNA;

gi|124248536|ref|NM\_001080792.1| Homo sapiens chromosome 15 open reading frame 57 (C15orf57), transcript variant 1, mRNA;

gi|124248538|ref|NM\_022831.2| Homo sapiens axin interactor, dorsalization associated (AIDA), mRNA;

gi|124248545|ref|NM\_024746.3| Homo sapiens HHIP-like 2 (HHIPL2), mRNA;

gi|124248553|ref|NM\_001080790.1| Homo sapiens melanoma antigen family A, 9B (MAGEA9B), mRNA;

gi|124248557|ref|NM\_032301.2| Homo sapiens F-box and WD repeat domain containing 9 (FBXW9), mRNA;

gi|124248561|ref|NM\_173527.2| Homo sapiens RAS (RAD and GEM)-like GTP binding 2 (REM2), mRNA;

gi|124249371|ref|NM\_001080830.1| Homo sapiens PRAME family member 12 (PRAMEF12), mRNA;

gi|124249375|ref|NM\_001080835.1| Homo sapiens proline rich 21 (PRR21), mRNA;

gi|124249391|ref|NM\_001080849.1| Homo sapiens DNL-type zinc finger (DNLZ), mRNA;

gi|124256473|ref|NM\_001080744.1| Homo sapiens diacylglycerol kinase, gamma 90kDa (DGKG), transcript variant 1, mRNA;

gi|124256477|ref|NM\_017974.3| Homo sapiens ATG16 autophagy related 16-like 1 (S. cerevisiae) (ATG16L1), mRNA;

gi|124256488|ref|NM\_016652.4| Homo sapiens crooked neck pre-mRNA splicing factor-like 1 (Drosophila)

gi|124256490|ref|NM\_022134.2| Homo sapiens galactose-3-O-sulfotransferase 2 (GAL3ST2), mRNA;

gi|124256495|ref|NM\_005527.3| Homo sapiens heat shock 70kDa protein 1-like (HSPA1L), mRNA;

gi|124256528|ref|NM\_145715.2| Homo sapiens tigger transposable element derived 2 (TIGD2), mRNA;

gi|124269712|ref|NM\_002716.4| Homo sapiens protein phosphatase 2, regulatory subunit A, beta (PPP2R1)

gi|124286829|ref|NM\_133374.2| Homo sapiens zinc finger protein 618 (ZNF618), mRNA;

gi|124294885|ref|NM\_021911.2| Homo sapiens gamma-aminobutyric acid (GABA) A receptor, beta 2 (GABR)

gi|124299170|ref|NM\_002536.2| Homo sapiens TBC1 domain family, member 25 (TBC1D25), mRNA;

gi|124301195|ref|NM\_000336.2| Homo sapiens sodium channel, non-voltage-gated 1, beta subunit (SCNN1)

gi|124301233|ref|NR\_003281.1| Homo sapiens germ cell-less homolog 1 (Drosophila) pseudogene 1 (GMC1)

gi|124358903|ref|NM\_015159.1| Homo sapiens family with sequence similarity 168, member A (FAM168A)

gi|124376992|ref|NM\_003063.2| Homo sapiens sarcolipin (SLN), mRNA;

gi|124378038|ref|NM\_014866.1| Homo sapiens SEC16 homolog A (*S. cerevisiae*) (SEC16A), mRNA;

gi|124381132|ref|NM\_001080955.1| Homo sapiens pleiomorphic adenoma gene-like 1 (PLAGL1), transcript

gi|124381136|ref|NM\_033036.2| Homo sapiens galactose-3-O-sulfotransferase 3 (GAL3ST3), mRNA;

gi|124381137|ref|NM\_024637.4| Homo sapiens galactose-3-O-sulfotransferase 4 (GAL3ST4), mRNA;

gi|124430556|ref|NM\_025003.3| Homo sapiens ADAM metallopeptidase with thrombospondin type 1 mot

gi|124486583|ref|NM\_001080997.1| Homo sapiens retbindin (RTBDN), transcript variant 1, mRNA; gi|1389

gi|124487383|ref|NM\_014460.3| Homo sapiens cold shock domain containing C2, RNA binding (CSDC2), m

gi|124487386|ref|NM\_207396.2| Homo sapiens ring finger protein 207 (RNF207), mRNA;

gi|124487398|ref|NM\_018000.2| Homo sapiens melanoregulin (MREG), mRNA;

gi|124487404|ref|NM\_001080998.1| Homo sapiens FSHD region gene 2 family, member B (FRG2B), mRNA;

gi|124494230|ref|NM\_001080976.1| Homo sapiens dermatan sulfate epimerase (DSE), transcript variant 2,

gi|124494239|ref|NM\_033375.4| Homo sapiens myosin IC (MYO1C), transcript variant 3, mRNA; gi|124494

gi|124494248|ref|NM\_012096.2| Homo sapiens adaptor protein, phosphotyrosine interaction, PH domain ;

gi|124494249|ref|NM\_002586.4| Homo sapiens pre-B-cell leukemia homeobox 2 (PBX2), mRNA;

gi|124494252|ref|NM\_006177.3| Homo sapiens neural retina leucine zipper (NRL), mRNA;

gi|124494253|ref|NM\_006191.2| Homo sapiens proliferation-associated 2G4, 38kDa (PA2G4), mRNA;

gi|124517647|ref|NM\_014467.2| Homo sapiens sushi-repeat containing protein, X-linked 2 (SRPX2), mRNA;

gi|124517650|ref|NM\_001040129.2| Homo sapiens serine peptidase inhibitor, Kazal type 13 (putative) (SPI

gi|124517657|ref|NR\_003284.1| Homo sapiens proliferation-associated 2G4 pseudogene 4 (PA2G4P4), non

gi|124517686|ref|NM\_152476.2| Homo sapiens zinc finger protein 560 (ZNF560), mRNA;

gi|124517698|ref|NM\_152345.4| Homo sapiens ankyrin repeat domain 13B (ANKRD13B), mRNA;

gi|124517732|ref|NM\_031952.3| Homo sapiens spermatogenesis associated 9 (SPATA9), mRNA;

gi|124518660|ref|NM\_000335.4| Homo sapiens sodium channel, voltage-gated, type V, alpha subunit (SCN

gi|125345708|ref|NR\_003291.1| Homo sapiens ankyrin repeat domain 18D, pseudogene (ANKRD18DP), no

gi|125346183|ref|NM\_207468.2| Homo sapiens family with sequence similarity 177, member B (FAM177B)

gi|12545371|ref|NM\_001318.2| Homo sapiens chorionic somatomammotropin hormone-like 1 (CSHL1), tra

gi|12545379|ref|NM\_021920.2| Homo sapiens secretin (SCT), mRNA;

gi|12545386|ref|NM\_006032.2| Homo sapiens copine VI (neuronal) (CPNE6), mRNA;

gi|12545407|ref|NM\_006506.2| Homo sapiens RAS p21 protein activator 2 (RSA2), mRNA;

gi|125490319|ref|NM\_016484.4| Homo sapiens PDZ domain containing 11 (PDZD11), mRNA;

gi|125490355|ref|NM\_213605.2| Homo sapiens zinc finger protein 517 (ZNF517), mRNA;

gi|125625321|ref|NM\_001080975.1| Homo sapiens RALBP1 associated Eps domain containing 2 (REPS2), tr

gi|125625323|ref|NM\_001081491.1| Homo sapiens nuclear RNA export factor 1 (NXF1), transcript variant 2

gi|125625348|ref|NM\_022809.2| Homo sapiens cell division cycle 25 homolog C (*S. pombe*) (CDC25C), tran

gi|125625353|ref|NM\_001081455.1| Homo sapiens purinergic receptor P2Y, G-protein coupled, 14 (P2RY14

gi|125625356|ref|NM\_003110.5| Homo sapiens Sp2 transcription factor (SP2), mRNA;

gi|125628631|ref|NM\_001081492.1| Homo sapiens keratin 80 (KRT80), transcript variant 2, mRNA; gi|125628664|ref|NM\_001012984.2| Homo sapiens chromosome 16 open reading frame 86 (C16orf86), mRNA;

gi|125656164|ref|NM\_001081550.1| Homo sapiens THO complex 2 (THOC2), mRNA;

gi|125660449|ref|NM\_001081551.2| Homo sapiens defensin, beta 103A (DEFB103A), mRNA;

gi|125660450|ref|NM\_147199.3| Homo sapiens MAS-related GPR, member X1 (MRGPRX1), mRNA;

gi|125661042|ref|NM\_001081450.1| Homo sapiens leukocyte immunoglobulin-like receptor, subfamily B (with 4 extracellular Ig-like domains) (LILRB2), mRNA;

gi|125661049|ref|NM\_013329.3| Homo sapiens GC-rich sequence DNA-binding factor 1 (GCFC1), transcript variant 1, mRNA;

gi|125661056|ref|NM\_005195.3| Homo sapiens CCAAT/enhancer binding protein (C/EBP), delta (CEBPD), mRNA;

gi|125661057|ref|NM\_018661.3| Homo sapiens defensin, beta 103B (DEFB103B), mRNA;

gi|125661058|ref|NM\_000169.2| Homo sapiens galactosidase, alpha (GLA), mRNA;

gi|125661059|ref|NM\_000586.3| Homo sapiens interleukin 2 (IL2), mRNA;

gi|125858484|ref|NM\_170719.2| Homo sapiens proline and serine rich 1 (PROSER1), transcript variant 2, mRNA;

gi|12597621|ref|NM\_006660.3| Homo sapiens ClpX caseinolytic peptidase X homolog (E. coli) (CLPX), mRNA;

gi|12597630|ref|NM\_022895.1| Homo sapiens chromosome 12 open reading frame 43 (C12orf43), mRNA;

gi|12597634|ref|NM\_022898.1| Homo sapiens B-cell CLL/lymphoma 11B (zinc finger protein) (BCL11B), transcript variant 1, mRNA;

gi|125987582|ref|NM\_080840.2| Homo sapiens protein tyrosine phosphatase, receptor type, A (PTPRA), transcript variant 1, mRNA;

gi|125987584|ref|NM\_006847.3| Homo sapiens leukocyte immunoglobulin-like receptor, subfamily B (with 4 extracellular Ig-like domains) (LILRB2), mRNA;

gi|125987589|ref|NM\_006840.3| Homo sapiens leukocyte immunoglobulin-like receptor, subfamily B (with 4 extracellular Ig-like domains) (LILRB2), mRNA;

gi|125987595|ref|NM\_021196.3| Homo sapiens solute carrier family 4, sodium bicarbonate cotransporter, member 1 (SLC4A1), mRNA;

gi|125987597|ref|NM\_012120.2| Homo sapiens CD2-associated protein (CD2AP), mRNA;

gi|125987600|ref|NM\_003948.3| Homo sapiens cyclin-dependent kinase-like 2 (CDC2-related kinase) (CDKL2), mRNA;

gi|125987602|ref|NM\_001081559.1| Homo sapiens cleavage and polyadenylation specific factor 4, 30kDa (CPSF4), mRNA;

gi|125987604|ref|NM\_145918.2| Homo sapiens cathepsin L1 (CTSL1), transcript variant 2, mRNA; gi|209361259|ref|NM\_001081461.1| Homo sapiens jumonji domain containing 6 (JMJD6), transcript variant 1, mRNA;

gi|125988401|ref|NM\_003578.3| Homo sapiens sterol O-acyltransferase 2 (SOAT2), mRNA;

gi|125988407|ref|NM\_022817.2| Homo sapiens period homolog 2 (Drosophila) (PER2), mRNA;

gi|125988408|ref|NM\_006083.3| Homo sapiens IK cytokine, down-regulator of HLA II (IK), mRNA;

gi|125988410|ref|NM\_152517.2| Homo sapiens tetratricopeptide repeat domain 30B (TTC30B), mRNA;

gi|125991232|ref|NM\_016287.3| Homo sapiens heterochromatin protein 1, binding protein 3 (HP1BP3), mRNA;

gi|126012488|ref|NR\_003357.1| Homo sapiens small nucleolar RNA, C/D box 115-42 (SNORD115-42), small nucleolar RNA;

gi|126012490|ref|NR\_003315.1| Homo sapiens small nucleolar RNA, C/D box 115-23 (SNORD115-23), small nucleolar RNA;

gi|126012494|ref|NR\_003316.1| Homo sapiens small nucleolar RNA, C/D box 116-1 (SNORD116-1), small nucleolar RNA;

gi|126012495|ref|NR\_003302.1| Homo sapiens small nucleolar RNA, C/D box 115-10 (SNORD115-10), small nucleolar RNA;

gi|126012498|ref|NR\_003342.1| Homo sapiens small nucleolar RNA, C/D box 115-25 (SNORD115-25), small nucleolar RNA;

gi|126012499|ref|NR\_003319.1| Homo sapiens small nucleolar RNA, C/D box 116-4 (SNORD116-4), small nucleolar RNA;

gi|126012500|ref|NR\_003305.1| Homo sapiens small nucleolar RNA, C/D box 115-13 (SNORD115-13), small nucleolar RNA;

gi|126012501|ref|NR\_003322.1| Homo sapiens small nucleolar RNA, C/D box 116-7 (SNORD116-7), small nucleolar RNA;

gi|126012505|ref|NR\_003347.1| Homo sapiens small nucleolar RNA, C/D box 115-32 (SNORD115-32), small nucleolar RNA;

gi|126012506|ref|NR\_003325.1| Homo sapiens small nucleolar RNA, C/D box 116-10 (SNORD116-10), small nucleolar RNA;

gi|126012507|ref|NR\_003349.1| Homo sapiens small nucleolar RNA, C/D box 115-34 (SNORD115-34), small nucleolar RNA;

gi|126012511|ref|NR\_003352.1| Homo sapiens small nucleolar RNA, C/D box 115-37 (SNORD115-37), small nucleolar RNA;

gi|126012514|ref|NR\_003354.1| Homo sapiens small nucleolar RNA, C/D box 115-39 (SNORD115-39), small nucleolar RNA;

gi|126012515|ref|NR\_003311.1| Homo sapiens small nucleolar RNA, C/D box 115-19 (SNORD115-19), small nucleolar RNA;

gi|126012518|ref|NR\_003296.1| Homo sapiens small nucleolar RNA, C/D box 115-4 (SNORD115-4), small nucleolar RNA;

gi|126012520|ref|NR\_003313.1| Homo sapiens small nucleolar RNA, C/D box 115-21 (SNORD115-21), small nucleolar RNA;

gi|126012521|ref|NR\_003299.1| Homo sapiens small nucleolar RNA, C/D box 115-7 (SNORD115-7), small nucleolar RNA;

gi|126012524|ref|NR\_003358.1| Homo sapiens small nucleolar RNA, C/D box 115-43 (SNORD115-43), small nucleolar RNA

gi|126012526|ref|NR\_003317.1| Homo sapiens small nucleolar RNA, C/D box 116-2 (SNORD116-2), small nucleolar RNA

gi|126012527|ref|NR\_003303.1| Homo sapiens small nucleolar RNA, C/D box 115-11 (SNORD115-11), small nucleolar RNA

gi|126012529|ref|NR\_003343.1| Homo sapiens small nucleolar RNA, C/D box 115-26 (SNORD115-26), small nucleolar RNA

gi|126012530|ref|NR\_003320.1| Homo sapiens small nucleolar RNA, C/D box 116-5 (SNORD116-5), small nucleolar RNA

gi|126012531|ref|NR\_003306.1| Homo sapiens small nucleolar RNA, C/D box 115-14 (SNORD115-14), small nucleolar RNA

gi|126012534|ref|NR\_003345.1| Homo sapiens small nucleolar RNA, C/D box 115-30 (SNORD115-30), small nucleolar RNA

gi|126012535|ref|NR\_003348.1| Homo sapiens small nucleolar RNA, C/D box 115-33 (SNORD115-33), small nucleolar RNA

gi|126012537|ref|NR\_001291.2| Homo sapiens small nucleolar RNA, C/D box 115-1 (SNORD115-1), small nucleolar RNA

gi|126012539|ref|NR\_003350.1| Homo sapiens small nucleolar RNA, C/D box 115-35 (SNORD115-35), small nucleolar RNA

gi|126012541|ref|NR\_003309.1| Homo sapiens small nucleolar RNA, C/D box 115-17 (SNORD115-17), small nucleolar RNA

gi|126012543|ref|NR\_003294.1| Homo sapiens small nucleolar RNA, C/D box 115-2 (SNORD115-2), small nucleolar RNA

gi|126012544|ref|NR\_003297.1| Homo sapiens small nucleolar RNA, C/D box 115-5 (SNORD115-5), small nucleolar RNA

gi|126012545|ref|NR\_003355.1| Homo sapiens small nucleolar RNA, C/D box 115-40 (SNORD115-40), small nucleolar RNA

gi|126012547|ref|NR\_003356.1| Homo sapiens small nucleolar RNA, C/D box 115-41 (SNORD115-41), small nucleolar RNA

gi|126012550|ref|NR\_003314.1| Homo sapiens small nucleolar RNA, C/D box 115-22 (SNORD115-22), small nucleolar RNA

gi|126012551|ref|NR\_003300.1| Homo sapiens small nucleolar RNA, C/D box 115-8 (SNORD115-8), small nucleolar RNA

gi|126012552|ref|NR\_003359.1| Homo sapiens small nucleolar RNA, C/D box 115-44 (SNORD115-44), small nucleolar RNA

gi|126012554|ref|NR\_003301.1| Homo sapiens small nucleolar RNA, C/D box 115-9 (SNORD115-9), small nucleolar RNA

gi|126012556|ref|NR\_003318.1| Homo sapiens small nucleolar RNA, C/D box 116-3 (SNORD116-3), small nucleolar RNA

gi|126012557|ref|NR\_003304.1| Homo sapiens small nucleolar RNA, C/D box 115-12 (SNORD115-12), small nucleolar RNA

gi|126012560|ref|NR\_003344.1| Homo sapiens small nucleolar RNA, C/D box 115-29 (SNORD115-29), small nucleolar RNA

gi|126012561|ref|NM\_002332.2| Homo sapiens low density lipoprotein receptor-related protein 1 (LRP1), mRNA

gi|126012563|ref|NR\_003321.1| Homo sapiens small nucleolar RNA, C/D box 116-6 (SNORD116-6), small nucleolar RNA

gi|126012564|ref|NR\_003324.1| Homo sapiens small nucleolar RNA, C/D box 116-9 (SNORD116-9), small nucleolar RNA

gi|126012565|ref|NR\_003346.1| Homo sapiens small nucleolar RNA, C/D box 115-31 (SNORD115-31), small nucleolar RNA

gi|126012567|ref|NR\_003307.1| Homo sapiens small nucleolar RNA, C/D box 115-15 (SNORD115-15), small nucleolar RNA

gi|126012568|ref|NR\_003351.1| Homo sapiens small nucleolar RNA, C/D box 115-36 (SNORD115-36), small nucleolar RNA

gi|126012572|ref|NM\_004525.2| Homo sapiens low density lipoprotein receptor-related protein 2 (LRP2), mRNA

gi|126012574|ref|NR\_003308.1| Homo sapiens small nucleolar RNA, C/D box 115-16 (SNORD115-16), small nucleolar RNA

gi|126012575|ref|NR\_003332.1| Homo sapiens small nucleolar RNA, C/D box 116-17 (SNORD116-17), small nucleolar RNA

gi|126012576|ref|NR\_003353.1| Homo sapiens small nucleolar RNA, C/D box 115-38 (SNORD115-38), small nucleolar RNA

gi|126012578|ref|NR\_003295.1| Homo sapiens small nucleolar RNA, C/D box 115-3 (SNORD115-3), small nucleolar RNA

gi|126012579|ref|NR\_003310.1| Homo sapiens small nucleolar RNA, C/D box 115-18 (SNORD115-18), small nucleolar RNA

gi|126012580|ref|NR\_003312.1| Homo sapiens small nucleolar RNA, C/D box 115-20 (SNORD115-20), small nucleolar RNA

gi|126012582|ref|NR\_003298.1| Homo sapiens small nucleolar RNA, C/D box 115-6 (SNORD115-6), small nucleolar RNA

gi|126032304|ref|NM\_001017373.2| Homo sapiens sterile alpha motif domain containing 3 (SAMD3), transcript variant 1, mRNA

gi|126032314|ref|NR\_003362.1| Homo sapiens small nucleolar RNA, C/D box 115-48 (SNORD115-48), small nucleolar RNA

gi|126032332|ref|NR\_003360.1| Homo sapiens small nucleolar RNA, C/D box 116-29 (SNORD116-29), small nucleolar RNA

gi|126032333|ref|NR\_003323.1| Homo sapiens small nucleolar RNA, C/D box 116-8 (SNORD116-8), small nucleolar RNA

gi|126032337|ref|NM\_001036.3| Homo sapiens ryanodine receptor 3 (RYR3), transcript variant 1, mRNA

gi|126032339|ref|NM\_001081552.2| Homo sapiens sperm associated antigen 11A (SPAG11A), mRNA

gi|126032346|ref|NR\_003361.1| Homo sapiens small nucleolar RNA, C/D box 116-28 (SNORD116-28), small nucleolar RNA

gi|126090465|ref|NM\_016642.2| Homo sapiens spectrin, beta, non-erythrocytic 5 (SPTBN5), mRNA

gi|126090574|ref|NM\_001039503.2| Homo sapiens protease, serine, 53 (PRSS53), mRNA

gi|126090880|ref|NM\_001482.2| Homo sapiens glycine amidinotransferase (L-arginine:glycine amidinotransferase), mRNA

gi|126090908|ref|NM\_001426.3| Homo sapiens engrailed homeobox 1 (EN1), mRNA



gi|126090912|ref|NM\_001427.3| Homo sapiens engrailed homeobox 2 (EN2), mRNA;

gi|126091096|ref|NM\_145102.2| Homo sapiens zinc finger with KRAB and SCAN domains 5 (ZKSCAN5), tran

gi|126091132|ref|NM\_080612.2| Homo sapiens GRB2-associated binding protein 3 (GAB3), transcript varia

gi|126091140|ref|NM\_001897.4| Homo sapiens chondroitin sulfate proteoglycan 4 (CSPG4), mRNA;

gi|126091151|ref|NM\_001081.3| Homo sapiens cubilin (intrinsic factor-cobalamin receptor) (CUBN), mRNA

gi|126116577|ref|NM\_176823.3| Homo sapiens S100 calcium binding protein A7A (S100A7A), mRNA;

gi|126116580|ref|NM\_013435.2| Homo sapiens retina and anterior neural fold homeobox (RAX), mRNA;

gi|126116588|ref|NM\_177531.4| Homo sapiens polycystic kidney and hepatic disease 1 (autosomal recessi

gi|126116593|ref|NM\_021067.3| Homo sapiens GINS complex subunit 1 (Psf1 homolog) (GINS1), mRNA;

gi|126116597|ref|NM\_001001712.2| Homo sapiens lipocalin 10 (LCN10), mRNA;

gi|126131092|ref|NM\_001081560.1| Homo sapiens dystrophin myotonic-protein kinase (DMPK), transcrip

gi|126131096|ref|NM\_058201.2| Homo sapiens sperm associated antigen 11B (SPAG11B), transcript varian

gi|126131098|ref|NM\_003922.3| Homo sapiens HECT and RLD domain containing E3 ubiquitin protein ligas

gi|126131100|ref|NM\_002729.4| Homo sapiens hematopoietically expressed homeobox (HHEX), mRNA;

gi|126131103|ref|NM\_170724.2| Homo sapiens polycystic kidney and hepatic disease 1 (autosomal recessi

gi|126157476|ref|NM\_024627.5| Homo sapiens chromosome 22 open reading frame 29 (C22orf29), mRNA

gi|126157507|ref|NM\_207015.2| Homo sapiens N-acetylated alpha-linked acidic dipeptidase-like 2 (NAALA

gi|126157511|ref|NM\_053004.2| Homo sapiens guanine nucleotide binding protein (G protein), beta polyp

gi|126273513|ref|NM\_020630.4| Homo sapiens ret proto-oncogene (RET), transcript variant 4, mRNA; gi|1

gi|126273524|ref|NM\_033014.2| Homo sapiens osteoglycin (OGN), transcript variant 1, mRNA; gi|1262735

gi|126273540|ref|NM\_015836.3| Homo sapiens tryptophanyl tRNA synthetase 2, mitochondrial (WARS2), r

gi|126273544|ref|NM\_021176.2| Homo sapiens glucose-6-phosphatase, catalytic, 2 (G6PC2), transcript vari

gi|126273568|ref|NM\_001872.3| Homo sapiens carboxypeptidase B2 (plasma) (CPB2), mRNA;

gi|126273571|ref|NM\_144586.5| Homo sapiens LY6/PLAUR domain containing 1 (LYPD1), transcript variant

gi|126273584|ref|NM\_005554.3| Homo sapiens keratin 6A (KRT6A), mRNA;

gi|126273597|ref|NM\_014475.3| Homo sapiens dihydrodiol dehydrogenase (dimeric) (DHDH), mRNA;

gi|126273608|ref|NM\_014364.4| Homo sapiens glyceraldehyde-3-phosphate dehydrogenase, spermatoger

gi|126352498|ref|NM\_001508.2| Homo sapiens G protein-coupled receptor 39 (GPR39), mRNA;

gi|126352699|ref|NM\_001081752.1| Homo sapiens elastin (ELN), transcript variant 2, mRNA; gi|12635232:

gi|126362946|ref|NM\_001081676.1| Homo sapiens sodium channel, voltage-gated, type III, alpha subunit (

gi|126362952|ref|NM\_001081638.1| Homo sapiens leukocyte immunoglobulin-like receptor, subfamily B (

gi|126362966|ref|NM\_207363.2| Homo sapiens NCK-associated protein 5 (NCKAP5), transcript variant 1, m

gi|126362970|ref|NM\_005990.3| Homo sapiens serine/threonine kinase 10 (STK10), mRNA;

gi|126362976|ref|NM\_022719.2| Homo sapiens DiGeorge syndrome critical region gene 14 (DGCR14), mRN

gi|126362977|ref|NM\_001010855.2| Homo sapiens phosphoinositide-3-kinase, regulatory subunit 6 (PIK3R

gi|126362982|ref|NM\_016052.3| Homo sapiens ribosomal RNA processing 15 homolog (S. cerevisiae) (RRP

gi|126365744|ref|NM\_001017424.2| Homo sapiens potassium channel, subfamily K, member 2 (KCNK2), tr

gi|126507086|ref|NM\_001201.2| Homo sapiens bone morphogenetic protein 3 (BMP3), mRNA;

gi|126507088|ref|NM\_001308.2| Homo sapiens carboxypeptidase N, polypeptide 1 (CPN1), mRNA;

gi|126507089|ref|NM\_080820.4| Homo sapiens D-tyrosyl-tRNA deacylase 1 homolog (S. cerevisiae) (DTD1)

gi|126507090|ref|NM\_014572.2| Homo sapiens LATS, large tumor suppressor, homolog 2 (Drosophila) (LAT

gi|126513133|ref|NM\_006567.3| Homo sapiens phenylalanyl-tRNA synthetase 2, mitochondrial (FARS2), nu

gi|126513134|ref|NM\_022458.3| Homo sapiens limb region 1 homolog (mouse) (LMBR1), mRNA;

gi|126513135|ref|NM\_002773.3| Homo sapiens protease, serine, 8 (PRSS8), mRNA;

gi|126517492|ref|NM\_004461.2| Homo sapiens phenylalanyl-tRNA synthetase, alpha subunit (FARSA), mRN

gi|126722638|ref|NM\_001039771.2| Homo sapiens cerebellin 3 precursor (CBLN3), mRNA;

gi|126722728|ref|NM\_144651.4| Homo sapiens peroxidasin homolog (Drosophila)-like (PXDNL), mRNA;

gi|126722764|ref|NR\_003367.1| Homo sapiens Pvt1 oncogene (non-protein coding) (PVT1), non-coding RN  
 gi|126722874|ref|NM\_001010889.2| Homo sapiens PRAME family member 6 (PRAMEF6), mRNA;  
 gi|126722919|ref|NM\_014789.3| Homo sapiens zinc finger protein 623 (ZNF623), transcript variant 1, mRN  
 gi|126722968|ref|NM\_025082.3| Homo sapiens centromere protein T (CENPT), mRNA;  
 gi|126723014|ref|NM\_152349.2| Homo sapiens keratin 222 (KRT222), mRNA;  
 gi|126723059|ref|NM\_015168.1| Homo sapiens zinc finger CCCH-type containing 4 (ZC3H4), mRNA;  
 gi|126723148|ref|NM\_021231.1| Homo sapiens chromosome 19 open reading frame 29 (C19orf29), transc  
 gi|126723294|ref|NM\_130900.2| Homo sapiens retinoic acid early transcript 1L (RAET1L), mRNA;  
 gi|126723389|ref|NM\_133475.1| Homo sapiens ankyrin repeat domain 24 (ANKRD24), mRNA;  
 gi|126723500|ref|NM\_021994.2| Homo sapiens zinc finger protein 277 (ZNF277), mRNA;  
 gi|126723546|ref|NM\_025081.2| Homo sapiens NYN domain and retroviral integrase containing (NYNRIN),  
 gi|126723563|ref|NM\_014982.2| Homo sapiens pecanex homolog (Drosophila) (PCNX), mRNA;  
 gi|126723686|ref|NM\_015299.2| Homo sapiens KH and NYN domain containing (KHNYN), mRNA;  
 gi|126723749|ref|NM\_001082488.1| Homo sapiens dehydrogenase/reductase (SDR family) member 4 like  
 gi|12707574|ref|NM\_000915.2| Homo sapiens oxytocin, prepropeptide (OXT), mRNA;  
 gi|127138956|ref|NM\_020856.2| Homo sapiens teashirt zinc finger homeobox 3 (TSHZ3), mRNA;  
 gi|12738833|ref|NM\_023014.1| Homo sapiens PRAME family member 2 (PRAMEF2), mRNA;  
 gi|128485755|ref|NM\_001082575.1| Homo sapiens RNA binding protein, fox-1 homolog (C. elegans) 3 (RBF  
 gi|12965173|ref|NM\_023918.1| Homo sapiens taste receptor, type 2, member 8 (TAS2R8), mRNA;  
 gi|12965179|ref|NM\_023921.1| Homo sapiens taste receptor, type 2, member 10 (TAS2R10), mRNA;  
 gi|12965181|ref|NM\_023922.1| Homo sapiens taste receptor, type 2, member 14 (TAS2R14), mRNA;  
 gi|13027599|ref|NM\_023933.1| Homo sapiens family with sequence similarity 173, member A (FAM173A),  
 gi|13027601|ref|NM\_023935.1| Homo sapiens DDRGK domain containing 1 (DDRGK1), mRNA;  
 gi|13027603|ref|NM\_023936.1| Homo sapiens mitochondrial ribosomal protein S34 (MRPS34), nuclear gen  
 gi|13027797|ref|NM\_004995.2| Homo sapiens matrix metalloproteinase 14 (membrane-inserted) (MMP14)  
 gi|130484256|ref|NM\_001080493.2| Homo sapiens zinc finger protein 823 (ZNF823), mRNA;  
 gi|130484305|ref|NM\_001001788.2| Homo sapiens retinoic acid early transcript 1G (RAET1G), mRNA;  
 gi|130484566|ref|NM\_001017975.3| Homo sapiens HFM1, ATP-dependent DNA helicase homolog (S. cerev  
 gi|130492453|ref|NM\_015174.1| Homo sapiens zinc finger RNA binding protein 2 (ZFR2), transcript variant  
 gi|130499471|ref|NM\_001082619.1| Homo sapiens PIH1 domain containing 2 (PIH1D2), transcript variant 2  
 gi|130502139|ref|NM\_020902.1| Homo sapiens calmodulin regulated spectrin-associated protein family, m  
 gi|130502161|ref|NM\_022904.1| Homo sapiens RAS protein activator like 3 (RASAL3), mRNA;  
 gi|130502840|ref|NM\_080622.3| Homo sapiens abhydrolase domain containing 16B (ABHD16B), mRNA;  
 gi|130509310|ref|NM\_022073.3| Homo sapiens egl nine homolog 3 (C. elegans) (EGLN3), mRNA;  
 gi|130977755|ref|NM\_153365.2| Homo sapiens transmembrane anterior posterior transformation 1 (TAPT  
 gi|130977758|ref|NM\_003215.2| Homo sapiens tec protein tyrosine kinase (TEC), mRNA;  
 gi|130978679|ref|NM\_000677.3| Homo sapiens adenosine A3 receptor (ADORA3), transcript variant 2, mRI  
 gi|130978961|ref|NM\_022914.2| Homo sapiens adrenocortical dysplasia homolog (mouse) (ACD), transcrip  
 gi|130979227|ref|NM\_018571.5| Homo sapiens STE20-related kinase adaptor beta (STRADB), transcript vai  
 gi|130979649|ref|NM\_138270.2| Homo sapiens alpha thalassemia/mental retardation syndrome X-linked (  
 gi|130979676|ref|NM\_020178.4| Homo sapiens carbonic anhydrase X (CA10), transcript variant 2, mRNA; g  
 gi|130980071|ref|NM\_001082618.1| Homo sapiens CD33 molecule (CD33), transcript variant 2, mRNA; gi|:  
 gi|130980074|ref|NM\_018451.3| Homo sapiens centromere protein J (CENPJ), mRNA;  
 gi|13124772|ref|NM\_016458.2| Homo sapiens family with sequence similarity 203, member A (FAM203A),  
 gi|13124885|ref|NM\_004942.2| Homo sapiens defensin, beta 4A (DEFB4A), mRNA;  
 gi|13128859|ref|NM\_004964.2| Homo sapiens histone deacetylase 1 (HDAC1), mRNA;  
 gi|13128863|ref|NM\_006044.2| Homo sapiens histone deacetylase 6 (HDAC6), mRNA;

gi|13128967|ref|NM\_024025.1| Homo sapiens dual specificity phosphatase 26 (putative) (DUSP26), mRNA;  
 gi|13128989|ref|NM\_024037.1| Homo sapiens chromosome 1 open reading frame 135 (C1orf135), mRNA;  
 gi|13128993|ref|NM\_024039.1| Homo sapiens MIS12, MIND kinetochore complex component, homolog (S  
 gi|13129005|ref|NM\_024045.1| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 50 (DDX50), mRNA  
 gi|13129059|ref|NM\_024074.1| Homo sapiens transmembrane protein 38A (TMEM38A), mRNA;  
 gi|13129067|ref|NM\_024078.1| Homo sapiens nucleolar complex associated 4 homolog (S. cerevisiae) (NO  
 gi|13129093|ref|NM\_024093.1| Homo sapiens chromosome 2 open reading frame 49 (C2orf49), mRNA;  
 gi|13129099|ref|NM\_024096.1| Homo sapiens dCTP pyrophosphatase 1 (DCTPP1), mRNA;  
 gi|13129115|ref|NM\_024106.1| Homo sapiens zinc finger protein 426 (ZNF426), mRNA;  
 gi|13129119|ref|NM\_024108.1| Homo sapiens trafficking protein particle complex 6A (TRAPPC6A), mRNA;  
 gi|131412224|ref|NM\_153490.2| Homo sapiens keratin 13 (KRT13), transcript variant 1, mRNA; gi|1314122  
 gi|131412244|ref|NM\_002276.4| Homo sapiens keratin 19 (KRT19), mRNA;  
 gi|131887987|ref|NM\_001082967.1| Homo sapiens family with sequence similarity 19 (chemokine (C-C mo  
 gi|131888104|ref|NM\_018272.3| Homo sapiens cancer susceptibility candidate 1 (CASC1), transcript varian  
 gi|131888134|ref|NM\_001082968.1| Homo sapiens target of myb1-like 2 (chicken) (TOM1L2), transcript va  
 gi|131888644|ref|NM\_024099.3| Homo sapiens chromosome 11 open reading frame 48 (C11orf48), mRNA  
 gi|131889390|ref|NM\_018195.3| Homo sapiens chromosome 11 open reading frame 57 (C11orf57), transc  
 gi|131889436|ref|NM\_203458.3| Homo sapiens notch 2 N-terminal like (NOTCH2NL), mRNA;  
 gi|131889516|ref|NM\_080659.2| Homo sapiens chromosome 11 open reading frame 52 (C11orf52), mRNA  
 gi|13236531|ref|NM\_024303.1| Homo sapiens zinc finger and SCAN domain containing 5A (ZSCAN5A), mRN  
 gi|13236578|ref|NM\_024330.1| Homo sapiens solute carrier family 27 (fatty acid transporter), member 3 (S  
 gi|132566526|ref|NM\_152438.1| Homo sapiens DEAD/H (Asp-Glu-Ala-Asp/His) box helicase 11 (DDX11), tra  
 gi|132566531|ref|NM\_014080.4| Homo sapiens dual oxidase 2 (DUOX2), mRNA;  
 gi|132566533|ref|NM\_144769.2| Homo sapiens forkhead box I1 (FOXI1), transcript variant 2, mRNA; gi|132  
 gi|132566535|ref|NM\_172364.4| Homo sapiens calcium channel, voltage-dependent, alpha 2/delta subunit  
 gi|132566679|ref|NM\_001082959.1| Homo sapiens scavenger receptor class B, member 1 (SCARB1), transc  
 gi|13259540|ref|NM\_003355.2| Homo sapiens uncoupling protein 2 (mitochondrial, proton carrier) (UCP2),  
 gi|132626665|ref|NM\_000930.3| Homo sapiens plasminogen activator, tissue (PLAT), transcript variant 1, r  
 gi|132626687|ref|NM\_014641.2| Homo sapiens mediator of DNA-damage checkpoint 1 (MDC1), mRNA;  
 gi|132626732|ref|NM\_014613.2| Homo sapiens Fas associated factor family member 2 (FAF2), mRNA;  
 gi|132626744|ref|NM\_001072.3| Homo sapiens UDP glucuronosyltransferase 1 family, polypeptide A6 (UG  
 gi|132626772|ref|NM\_005526.2| Homo sapiens heat shock transcription factor 1 (HSF1), mRNA;  
 gi|132626789|ref|NM\_015627.2| Homo sapiens low density lipoprotein receptor adaptor protein 1 (LDLRAI  
 gi|132626795|ref|NM\_145912.5| Homo sapiens NFAT activating protein with ITAM motif 1 (NFAM1), mRN  
 gi|132626810|ref|NM\_014059.2| Homo sapiens regulator of cell cycle (RGCC), mRNA;  
 gi|132626839|ref|NM\_001004328.2| Homo sapiens zinc finger protein 705A (ZNF705A), mRNA;  
 gi|132626841|ref|NM\_005089.3| Homo sapiens zinc finger (CCCH type), RNA-binding motif and serine/argin  
 gi|132814466|ref|NM\_001977.3| Homo sapiens glutamyl aminopeptidase (aminopeptidase A) (ENPEP), mR  
 gi|133505168|ref|NM\_001039396.1| Homo sapiens macrophage expressed 1 (MPEG1), mRNA;  
 gi|133507126|ref|NM\_181609.3| Homo sapiens keratin associated protein 19-3 (KRTAP19-3), mRNA;  
 gi|13375631|ref|NM\_024501.1| Homo sapiens homeobox D1 (HOXD1), mRNA;  
 gi|13375645|ref|NM\_024509.1| Homo sapiens leucine rich repeat and fibronectin type III domain containin  
 gi|13375655|ref|NM\_024518.1| Homo sapiens UL16 binding protein 3 (ULBP3), mRNA;  
 gi|13375745|ref|NM\_024573.1| Homo sapiens chromosome 6 open reading frame 211 (C6orf211), mRNA;  
 gi|13375755|ref|NM\_024578.1| Homo sapiens occludin/ELL domain containing 1 (OCEL1), mRNA;  
 gi|13375845|ref|NM\_024623.1| Homo sapiens 2-oxoglutarate and iron-dependent oxygenase domain cont  
 gi|13375996|ref|NM\_024705.1| Homo sapiens dehydrogenase/reductase (SDR family) member 12 (DHRS12

gi|13376059|ref|NM\_024738.1| Homo sapiens chromosome 12 open reading frame 49 (C12orf49), mRNA;  
 gi|13376096|ref|NM\_024759.1| Homo sapiens NIPA-like domain containing 2 (NIPAL2), mRNA;  
 gi|13376161|ref|NM\_024792.1| Homo sapiens family with sequence similarity 57, member A (FAM57A), mRNA;  
 gi|13376246|ref|NM\_024836.1| Homo sapiens zinc finger protein 672 (ZNF672), mRNA;  
 gi|13376266|ref|NM\_024848.1| Homo sapiens MORN repeat containing 1 (MORN1), mRNA;  
 gi|13376334|ref|NM\_024886.1| Homo sapiens chromosome 10 open reading frame 95 (C10orf95), mRNA;  
 gi|13376338|ref|NM\_024888.1| Homo sapiens lipid phosphate phosphatase-related protein type 3 (LPPR3), mRNA;  
 gi|13376346|ref|NM\_024893.1| Homo sapiens synapse differentiation inducing 1 (SYNDIG1), mRNA;  
 gi|13376422|ref|NM\_024943.1| Homo sapiens transmembrane protein 156 (TMEM156), mRNA;  
 gi|13376459|ref|NM\_024967.1| Homo sapiens zinc finger protein 556 (ZNF556), mRNA;  
 gi|13376610|ref|NM\_025069.1| Homo sapiens zinc finger protein 703 (ZNF703), mRNA;  
 gi|13376724|ref|NM\_025140.1| Homo sapiens coiled-coil domain containing 92 (CCDC92), mRNA;  
 gi|13376750|ref|NM\_025155.1| Homo sapiens proteasomal ATPase-associated factor 1 (PAAF1), mRNA;  
 gi|13376833|ref|NM\_025231.1| Homo sapiens zinc finger and SCAN domain containing 16 (ZSCAN16), mRNA;  
 gi|13376839|ref|NM\_025234.1| Homo sapiens WD repeat domain 61 (WDR61), mRNA;  
 gi|13377003|ref|NM\_017541.2| Homo sapiens crystallin, gamma S (CRYGS), mRNA;  
 gi|133778960|ref|NM\_031271.3| Homo sapiens testis expressed 15 (TEX15), mRNA;  
 gi|133778973|ref|NM\_032136.4| Homo sapiens transketolase-like 2 (TKTL2), mRNA;  
 gi|133778976|ref|NM\_018457.3| Homo sapiens proline rich 13 (PRR13), transcript variant 2, mRNA; gi|133778990|ref|NM\_003492.2| Homo sapiens transmembrane protein 187 (TMEM187), mRNA;  
 gi|133892685|ref|NM\_001083124.1| Homo sapiens family with sequence similarity 75, member A3 (FAM75A), mRNA;  
 gi|133904027|ref|NM\_153188.2| Homo sapiens transportin 1 (TNPO1), transcript variant 2, mRNA; gi|133904028|ref|NM\_153188.2| Homo sapiens transportin 1 (TNPO1), transcript variant 3, mRNA;  
 gi|133908608|ref|NM\_021629.3| Homo sapiens guanine nucleotide binding protein (G protein), beta polypeptide 2 (GNAI2), mRNA;  
 gi|133908609|ref|NM\_000825.3| Homo sapiens gonadotropin-releasing hormone 1 (luteinizing-releasing hormone) (LHRH), mRNA;  
 gi|133908618|ref|NM\_002687.3| Homo sapiens pinin, desmosome associated protein (PNN), mRNA;  
 gi|133908619|ref|NM\_005041.4| Homo sapiens perforin 1 (pore forming protein) (PRF1), transcript variant 1, mRNA;  
 gi|133908622|ref|NM\_002740.5| Homo sapiens protein kinase C, iota (PRKCI), mRNA;  
 gi|133908630|ref|NM\_139071.2| Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of transcription 1 (SMARCA4), mRNA;  
 gi|133908633|ref|NM\_003242.5| Homo sapiens transforming growth factor, beta receptor II (70/80kDa) (TGFBRII), mRNA;  
 gi|133908634|ref|NM\_012109.2| Homo sapiens transmembrane protein 59-like (TMEM59L), mRNA;  
 gi|133908639|ref|NM\_005937.3| Homo sapiens myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog) (MLL), mRNA;  
 gi|133908640|ref|NM\_004533.3| Homo sapiens myosin binding protein C, fast type (MYBPC2), mRNA;  
 gi|133922569|ref|NM\_001009614.2| Homo sapiens SPANX family, member N1 (SPANXN1), mRNA;  
 gi|133922581|ref|NM\_018083.4| Homo sapiens zinc finger protein 358 (ZNF358), mRNA;  
 gi|133922589|ref|NM\_144650.2| Homo sapiens alcohol dehydrogenase, iron containing, 1 (ADHFE1), nucleotide binding domain containing 1, mRNA;  
 gi|133922597|ref|NM\_001083308.1| Homo sapiens pyrin domain containing 2 (PYDC2), mRNA;  
 gi|133922599|ref|NM\_007056.2| Homo sapiens CLK4-associating serine/arginine rich protein (CLASRP), mRNA;  
 gi|133922608|ref|NM\_015329.3| Homo sapiens MAU2 chromatid cohesion factor homolog (C. elegans) (MAU2), mRNA;  
 gi|133922610|ref|NR\_003341.2| Homo sapiens small nucleolar RNA, C/D box 116-27 (SNORD116-27), small nuclear RNA;  
 gi|133925797|ref|NM\_001031695.2| Homo sapiens RNA binding protein, fox-1 homolog (C. elegans) 2 (RBF2), mRNA;  
 gi|133925806|ref|NM\_014272.3| Homo sapiens ADAM metalloproteinase with thrombospondin type 1 motif 1 (ADAMTS1), mRNA;  
 gi|133925807|ref|NM\_004136.2| Homo sapiens iron-responsive element binding protein 2 (IREB2), mRNA;  
 gi|133925808|ref|NM\_002217.3| Homo sapiens inter-alpha-trypsin inhibitor heavy chain 3 (ITI3), mRNA;  
 gi|133930777|ref|NM\_031275.4| Homo sapiens testis expressed 12 (TEX12), mRNA;  
 gi|133930778|ref|NM\_031273.2| Homo sapiens testis expressed 13B (TEX13B), mRNA;  
 gi|133930782|ref|NM\_001718.4| Homo sapiens bone morphogenetic protein 6 (BMP6), mRNA;  
 gi|133930785|ref|NM\_032571.3| Homo sapiens egf-like module containing, mucin-like, hormone receptor-like domain 1 (EGF-1), mRNA;

gi|133930787|ref|NM\_002015.3| Homo sapiens forkhead box O1 (FOXO1), mRNA;

gi|133930788|ref|NM\_002254.6| Homo sapiens kinesin family member 3C (KIF3C), mRNA;

gi|133987572|ref|NM\_001062.3| Homo sapiens transcobalamin I (vitamin B12 binding protein, R binder far

gi|133987588|ref|NM\_002804.4| Homo sapiens proteasome (prosome, macropain) 26S subunit, ATPase, 3

gi|134019485|ref|NM\_031274.3| Homo sapiens testis expressed 13A (TEX13A), mRNA;

gi|134031935|ref|NR\_003328.2| Homo sapiens small nucleolar RNA, C/D box 116-13 (SNORD116-13), small

gi|134031938|ref|NR\_003333.2| Homo sapiens small nucleolar RNA, C/D box 116-18 (SNORD116-18), small

gi|134031944|ref|NM\_198455.2| Homo sapiens SCO-spondin homolog (Bos taurus) (SSPO), mRNA;

gi|134031948|ref|NR\_003335.2| Homo sapiens small nucleolar RNA, C/D box 116-21 (SNORD116-21), small

gi|134031953|ref|NR\_003338.2| Homo sapiens small nucleolar RNA, C/D box 116-24 (SNORD116-24), small

gi|134031960|ref|NR\_003331.2| Homo sapiens small nucleolar RNA, C/D box 116-16 (SNORD116-16), small

gi|134031963|ref|NM\_005390.4| Homo sapiens pyruvate dehydrogenase (lipoamide) alpha 2 (PDHA2), mR

gi|134031984|ref|NR\_001290.2| Homo sapiens small nucleolar RNA, C/D box 116-19 (SNORD116-19), small

gi|134031991|ref|NR\_003336.2| Homo sapiens small nucleolar RNA, C/D box 116-22 (SNORD116-22), small

gi|134031995|ref|NR\_003339.2| Homo sapiens small nucleolar RNA, C/D box 116-25 (SNORD116-25), small

gi|134031997|ref|NR\_003326.2| Homo sapiens small nucleolar RNA, C/D box 116-11 (SNORD116-11), small

gi|134032005|ref|NR\_003329.2| Homo sapiens small nucleolar RNA, C/D box 116-14 (SNORD116-14), small

gi|134032026|ref|NR\_003334.2| Homo sapiens small nucleolar RNA, C/D box 116-20 (SNORD116-20), small

gi|134032038|ref|NR\_003337.2| Homo sapiens small nucleolar RNA, C/D box 116-23 (SNORD116-23), small

gi|134032040|ref|NR\_003340.2| Homo sapiens small nucleolar RNA, C/D box 116-26 (SNORD116-26), small

gi|134032041|ref|NR\_003327.2| Homo sapiens small nucleolar RNA, C/D box 116-12 (SNORD116-12), small

gi|134032043|ref|NR\_003330.2| Homo sapiens small nucleolar RNA, C/D box 116-15 (SNORD116-15), small

gi|134053882|ref|NM\_207420.2| Homo sapiens solute carrier family 2 (facilitated glucose transporter), me

gi|134053924|ref|NM\_005930.3| Homo sapiens CTAGE family, member 5 (CTAGE5), transcript variant 1, m

gi|134053958|ref|NM\_024683.3| Homo sapiens transcription elongation factor, mitochondrial (TEFM), nucl

gi|134133225|ref|NM\_001083538.1| Homo sapiens POTE ankyrin domain family, member E (POTEE), mRN

gi|134133239|ref|NM\_032151.4| Homo sapiens pterin-4 alpha-carbinolamine dehydratase/dimerization co

gi|134133243|ref|NM\_001083539.1| Homo sapiens killer cell immunoglobulin-like receptor, three domains

gi|134133247|ref|NM\_001083536.1| Homo sapiens FYVE, RhoGEF and PH domain containing 3 (FGD3), trar

gi|134133278|ref|NM\_138402.4| Homo sapiens SP140 nuclear body protein-like (SP140L), mRNA;

gi|134133286|ref|NR\_003494.1| Homo sapiens family with sequence similarity 86, member B1 (FAM86B1),

gi|134133287|ref|NM\_017757.2| Homo sapiens zinc finger protein 407 (ZNF407), transcript variant 1, mRN

gi|134133307|ref|NM\_001031672.2| Homo sapiens cytochrome b5 reductase-like (CYB5RL), mRNA;

gi|134133309|ref|NM\_032842.3| Homo sapiens transmembrane protein 209 (TMEM209), mRNA;

gi|134133314|ref|NM\_173830.4| Homo sapiens centrosomal protein 57kDa-like 1 (CEP57L1), transcript var

gi|134142061|ref|NM\_001093.3| Homo sapiens acetyl-CoA carboxylase beta (ACACB), mRNA;

gi|134142063|ref|NM\_201403.2| Homo sapiens MOB kinase activator 3C (MOB3C), transcript variant 2, mF

gi|134142336|ref|NM\_004996.3| Homo sapiens ATP-binding cassette, sub-family C (CFTR/MRP), member 1

gi|134142347|ref|NM\_004685.3| Homo sapiens myotubularin related protein 6 (MTMR6), mRNA;

gi|134142808|ref|NM\_001083588.1| Homo sapiens E2F transcription factor 5, p130-binding (E2F5), transcr

gi|134142818|ref|NM\_003434.4| Homo sapiens zinc finger protein 133 (ZNF133), transcript variant 1, mRN

gi|134142823|ref|NM\_004474.3| Homo sapiens forkhead box D2 (FOXD2), mRNA;

gi|134142825|ref|NM\_006197.3| Homo sapiens pericentriolar material 1 (PCM1), mRNA;

gi|134142827|ref|NM\_003800.3| Homo sapiens RNA guanylyltransferase and 5'-phosphatase (RNGTT), mR

gi|134152666|ref|NM\_017754.3| Homo sapiens UHRF1 binding protein 1 (UHRF1BP1), mRNA;

gi|134152673|ref|NM\_001083585.1| Homo sapiens rabaptin, RAB GTPase binding effector protein 1 (RAB

gi|134152677|ref|NR\_003495.1| Homo sapiens small nucleolar RNA, C/D box 115-24 (SNORD115-24), small

gi|134152678|ref|NR\_003497.1| Homo sapiens small nucleolar RNA, C/D box 115-28 (SNORD115-28), small

gi|134152685|ref|NM\_001083592.1| Homo sapiens receptor tyrosine kinase-like orphan receptor 1 (ROR1)

gi|134152693|ref|NM\_001522.2| Homo sapiens guanylate cyclase 2F, retinal (GUCY2F), mRNA;

gi|134152699|ref|NM\_001079512.2| Homo sapiens family with sequence similarity 18, member A (FAM18/

gi|134152700|ref|NM\_001025076.2| Homo sapiens CUGBP, Elav-like family member 2 (CEL2), transcript v

gi|134152701|ref|NR\_003496.1| Homo sapiens small nucleolar RNA, C/D box 115-27 (SNORD115-27), small

gi|134152702|ref|NR\_003498.1| Homo sapiens small nucleolar RNA, C/D box 115-45 (SNORD115-45), small

gi|134152706|ref|NM\_015852.3| Homo sapiens zinc finger protein 117 (ZNF117), mRNA;

gi|134152707|ref|NM\_018011.3| Homo sapiens arginine and glutamate rich 1 (ARGLU1), mRNA;

gi|134152711|ref|NM\_031421.2| Homo sapiens tetratricopeptide repeat domain 25 (TTC25), mRNA;

gi|134152717|ref|NR\_003499.1| Homo sapiens small nucleolar RNA, C/D box 115-47 (SNORD115-47), small

gi|134152720|ref|NM\_017727.4| Homo sapiens transmembrane protein 214 (TMEM214), transcript varian

gi|134152722|ref|NM\_181844.3| Homo sapiens B-cell CLL/lymphoma 6, member B (BCL6B), mRNA;

gi|134244278|ref|NM\_012327.5| Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class N (PI

gi|134244282|ref|NM\_153443.3| Homo sapiens killer cell immunoglobulin-like receptor, three domains, lor

gi|134244283|ref|NM\_033316.3| Homo sapiens antigen p97 (melanoma associated) identified by monocloi

gi|134244284|ref|NM\_000435.2| Homo sapiens notch 3 (NOTCH3), mRNA;

gi|134244286|ref|NM\_001275.3| Homo sapiens chromogranin A (parathyroid secretory protein 1) (CHGA),

gi|134244290|ref|NM\_004767.3| Homo sapiens G protein-coupled receptor 37 like 1 (GPR37L1), mRNA;

gi|134244584|ref|NM\_004884.3| Homo sapiens immunoglobulin superfamily, DCC subclass, member 3 (IGI

gi|134244586|ref|NM\_004230.3| Homo sapiens sphingosine-1-phosphate receptor 2 (S1PR2), mRNA;

gi|134254427|ref|NM\_024946.2| Homo sapiens family with sequence similarity 192, member A (FAM192A/

gi|134254436|ref|NM\_016053.2| Homo sapiens coiled-coil domain containing 53 (CCDC53), mRNA;

gi|134254442|ref|NM\_014801.3| Homo sapiens pecanex-like 2 (Drosophila) (PCNXL2), transcript variant 1,

gi|134254445|ref|NM\_000264.3| Homo sapiens patched 1 (PTCH1), transcript variant 1b, mRNA; gi|134254

gi|134254456|ref|NM\_024733.3| Homo sapiens zinc finger protein 665 (ZNF665), mRNA;

gi|134254458|ref|NM\_000338.2| Homo sapiens solute carrier family 12 (sodium/potassium/chloride transp

gi|134254460|ref|NR\_003500.1| Homo sapiens retinitis pigmentosa 9 pseudogene (RP9P), non-coding RNA

gi|134254461|ref|NM\_020734.2| Homo sapiens ribosomal modification protein rimK-like family member B

gi|134254473|ref|NM\_024845.2| Homo sapiens N(alpha)-acetyltransferase 60, NatF catalytic subunit (NAAI

gi|134268639|ref|NM\_005422.2| Homo sapiens tectorin alpha (TECTA), mRNA;

gi|134268643|ref|NM\_013289.2| Homo sapiens killer cell immunoglobulin-like receptor, three domains, lor

gi|134276942|ref|NM\_012291.4| Homo sapiens extra spindle pole bodies homolog 1 (S. cerevisiae) (ESPL1)

gi|134284356|ref|NM\_001083608.1| Homo sapiens nuclear prelamin A recognition factor (NARF), transcrip

gi|134288858|ref|NM\_182974.2| Homo sapiens glycosyltransferase 6 domain containing 1 (GLT6D1), mRN/

gi|134288862|ref|NM\_173821.2| Homo sapiens CXXC finger protein 11 (CXXC11), mRNA;

gi|134288864|ref|NM\_003615.3| Homo sapiens solute carrier family 4, sodium bicarbonate cotransporter,

gi|134288866|ref|NM\_207644.2| Homo sapiens family with sequence similarity 211, member B (FAM211B)

gi|134288870|ref|NM\_001013619.2| Homo sapiens aminoglycoside phosphotransferase domain containing

gi|134288872|ref|NM\_001083613.1| Homo sapiens transmembrane protein 219 (TMEM219), transcript va

gi|134288878|ref|NM\_018159.3| Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif

gi|134288895|ref|NM\_144664.4| Homo sapiens family with sequence similarity 76, member B (FAM76B), n

gi|134288905|ref|NM\_001004342.3| Homo sapiens tripartite motif containing 67 (TRIM67), mRNA;

gi|134288910|ref|NR\_003501.1| Homo sapiens glutamyl-tRNA synthetase 2, mitochondrial (putative) (EAR

gi|134304832|ref|NM\_014219.2| Homo sapiens killer cell immunoglobulin-like receptor, two domains, long

gi|134304836|ref|NM\_003683.5| Homo sapiens ribosomal RNA processing 1 homolog (S. cerevisiae) (RRP1/

gi|134304841|ref|NM\_014781.4| Homo sapiens RB1-inducible coiled-coil 1 (RB1CC1), transcript variant 1, n

gi|134304847|ref|NM\_001083619.1| Homo sapiens glutamate receptor, ionotropic, AMPA 2 (GRIA2), trans

gi|134304852|ref|NM\_004815.3| Homo sapiens Rho GTPase activating protein 29 (ARHGAP29), mRNA;

gi|134304855|ref|NM\_014228.3| Homo sapiens solute carrier family 6 (neurotransmitter transporter, L-pro

gi|13435390|ref|NM\_001082.3| Homo sapiens cytochrome P450, family 4, subfamily F, polypeptide 2 (CYP4

gi|13435401|ref|NM\_006273.2| Homo sapiens chemokine (C-C motif) ligand 7 (CCL7), mRNA;

gi|13470093|ref|NM\_030642.1| Homo sapiens apolipoprotein L, 5 (APOL5), mRNA;

gi|13491167|ref|NM\_015317.1| Homo sapiens pumilio homolog 2 (Drosophila) (PUM2), mRNA;

gi|134947985|ref|NM\_016264.3| Homo sapiens zinc finger protein 44 (ZNF44), transcript variant 2, mRNA;

gi|134948581|ref|NR\_003503.1| Homo sapiens gamma-glutamyltransferase 8 pseudogene (GGT8P), non-c

gi|134948692|ref|NM\_032172.2| Homo sapiens ubiquitin specific peptidase 42 (USP42), mRNA;

gi|134948770|ref|NM\_001008409.2| Homo sapiens tubulin tyrosine ligase-like family, member 9 (TTLL9), n

gi|13514830|ref|NM\_004398.2| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 10 (DDX10), mRNA

gi|13518024|ref|NM\_000412.2| Homo sapiens histidine-rich glycoprotein (HRG), mRNA;

gi|13540554|ref|NM\_030783.1| Homo sapiens phosphatidylserine synthase 2 (PTDSS2), mRNA;

gi|13569921|ref|NM\_030952.1| Homo sapiens NUA family, SNF1-like kinase, 2 (NUAK2), mRNA;

gi|13569937|ref|NM\_030965.1| Homo sapiens ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-a

gi|13569939|ref|NM\_030966.1| Homo sapiens keratin associated protein 1-3 (KRTAP1-3), mRNA;

gi|13569955|ref|NM\_030978.1| Homo sapiens actin related protein 2/3 complex, subunit 5-like (ARPC5L), r

gi|13569959|ref|NM\_030980.1| Homo sapiens interferon stimulated exonuclease gene 20kDa-like 2 (ISG20

gi|13624324|ref|NM\_012377.1| Homo sapiens olfactory receptor, family 7, subfamily C, member 2 (OR7C2

gi|136255215|ref|NM\_207351.3| Homo sapiens proline-rich transmembrane protein 3 (PRRT3), mRNA;

gi|13699812|ref|NM\_017778.2| Homo sapiens Wolf-Hirschhorn syndrome candidate 1-like 1 (WHSC1L1), tr

gi|13699821|ref|NM\_005000.2| Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 5, :

gi|13775161|ref|NM\_030901.1| Homo sapiens olfactory receptor, family 7, subfamily A, member 17 (OR7A

gi|13775237|ref|NM\_031310.1| Homo sapiens plasmalemma vesicle associated protein (PLVAP), mRNA;

gi|13786128|ref|NM\_031296.1| Homo sapiens RAB33B, member RAS oncogene family (RAB33B), mRNA;

gi|138175816|ref|NM\_007345.3| Homo sapiens zinc finger protein 236 (ZNF236), mRNA;

gi|138175820|ref|NM\_013380.3| Homo sapiens zinc finger protein 112 homolog (mouse) (ZFP112), transcr

gi|13876385|ref|NM\_031308.1| Homo sapiens epiplakin 1 (EPPK1), mRNA;

gi|13899262|ref|NM\_031440.1| Homo sapiens receptor (chemosensory) transporter protein 3 (RTP3), mRN

gi|13899294|ref|NM\_031457.1| Homo sapiens membrane-spanning 4-domains, subfamily A, member 8B (M

gi|13899341|ref|NM\_031481.1| Homo sapiens solute carrier family 25 (glutamate carrier), member 18 (SLC

gi|13929211|ref|NM\_030908.1| Homo sapiens olfactory receptor, family 2, subfamily A, member 4 (OR2A4

gi|139394555|ref|NM\_014870.3| Homo sapiens zinc finger and BTB domain containing 40 (ZBTB40), transcr

gi|139394590|ref|NM\_014877.3| Homo sapiens helicase with zinc finger (HELZ), mRNA;

gi|139394598|ref|NM\_015094.2| Homo sapiens hypermethylated in cancer 2 (HIC2), mRNA;

gi|139394603|ref|NM\_014952.3| Homo sapiens bromo adjacent homology domain containing 1 (BAHD1), r

gi|139394625|ref|NM\_006581.3| Homo sapiens fucosyltransferase 9 (alpha (1,3) fucosyltransferase) (FUT9

gi|139394645|ref|NM\_005853.5| Homo sapiens iroquois homeobox 5 (IRX5), transcript variant 1, mRNA; gi

gi|139394647|ref|NM\_199420.3| Homo sapiens polymerase (DNA directed), theta (POLQ), mRNA;

gi|139394667|ref|NM\_015130.2| Homo sapiens TBC1 domain family, member 9 (with GRAM domain) (TBC

gi|13994267|ref|NM\_031907.1| Homo sapiens ubiquitin specific peptidase 26 (USP26), mRNA;

gi|13994334|ref|NM\_031944.1| Homo sapiens Mix paired-like homeobox (MIXL1), mRNA;

gi|13994359|ref|NM\_031957.1| Homo sapiens keratin associated protein 1-5 (KRTAP1-5), mRNA;

gi|13994361|ref|NM\_031958.1| Homo sapiens keratin associated protein 3-1 (KRTAP3-1), mRNA;

gi|13994371|ref|NM\_031964.1| Homo sapiens keratin associated protein 17-1 (KRTAP17-1), mRNA;

gi|139948459|ref|NM\_003308.3| Homo sapiens testis specific protein, Y-linked 1 (TSPY1), transcript variant

gi|140161499|ref|NM\_015245.2| Homo sapiens ankyrin repeat and sterile alpha motif domain containing 1

gi|140161535|ref|NM\_015233.5| Homo sapiens microtubule associated tumor suppressor candidate 2 (MT

gi|140161536|ref|NM\_175575.5| Homo sapiens WAP, follistatin/kazal, immunoglobulin, kunitz and netrin c

gi|14043059|ref|NM\_000394.2| Homo sapiens crystallin, alpha A (CRYAA), mRNA;

gi|140560916|ref|NM\_019856.1| Homo sapiens myomesin 1, 185kDa (MYOM1), transcript variant 2, mRNA

gi|140560949|ref|NM\_000437.3| Homo sapiens platelet-activating factor acetylhydrolase 2, 40kDa (PAFAH

gi|140560956|ref|NM\_152354.3| Homo sapiens zinc finger protein 285 (ZNF285), mRNA;

gi|140561069|ref|NM\_015347.4| Homo sapiens RIMS binding protein 2 (RIMBP2), mRNA;

gi|140972062|ref|NM\_032595.3| Homo sapiens protein phosphatase 1, regulatory subunit 9B (PPP1R9B), n

gi|140972288|ref|NM\_005529.5| Homo sapiens heparan sulfate proteoglycan 2 (HSPG2), mRNA;

gi|141411174|ref|NM\_022436.2| Homo sapiens ATP-binding cassette, sub-family G (WHITE), member 5 (ABC

gi|141411180|ref|NM\_004265.2| Homo sapiens fatty acid desaturase 2 (FADS2), mRNA;

gi|14149652|ref|NM\_014506.1| Homo sapiens torsin family 1, member B (torsin B) (TOR1B), mRNA;

gi|14149701|ref|NM\_015528.1| Homo sapiens ring finger protein 167 (RNF167), mRNA;

gi|14149792|ref|NM\_032134.1| Homo sapiens glutamine rich 2 (QRICH2), mRNA;

gi|14149804|ref|NM\_032140.1| Homo sapiens chromosome 16 open reading frame 48 (C16orf48), mRNA;

gi|14149980|ref|NM\_032256.1| Homo sapiens transmembrane protein 117 (TMEM117), mRNA;

gi|14149998|ref|NM\_032265.1| Homo sapiens zinc finger, MYND-type containing 15 (ZMYND15), transcript

gi|14150063|ref|NM\_032305.1| Homo sapiens polymerase (RNA) III (DNA directed) polypeptide G (32kD)-li

gi|14150089|ref|NM\_032319.1| Homo sapiens protease-associated domain containing 1 (PRADC1), mRNA;

gi|14150099|ref|NM\_032324.1| Homo sapiens nucleoside-triphosphatase, cancer-related (NTPCR), mRNA;

gi|14150131|ref|NM\_032342.1| Homo sapiens transmembrane protein 246 (TMEM246), mRNA;

gi|14150133|ref|NM\_032343.1| Homo sapiens coiled-coil-helix-coiled-coil-helix domain containing 6 (CHCH

gi|14150140|ref|NM\_032346.1| Homo sapiens programmed cell death 2-like (PDCD2L), mRNA;

gi|14161691|ref|NM\_032330.1| Homo sapiens calpain, small subunit 2 (CAPNS2), mRNA;

gi|14165379|ref|NM\_018901.2| Homo sapiens protocadherin alpha 10 (PCDHA10), transcript variant 1, mR

gi|14165384|ref|NM\_018909.2| Homo sapiens protocadherin alpha 6 (PCDHA6), transcript variant 1, mRNA

gi|14165386|ref|NM\_031861.1| Homo sapiens protocadherin alpha 11 (PCDHA11), transcript variant 2, mR

gi|14165388|ref|NM\_018903.2| Homo sapiens protocadherin alpha 12 (PCDHA12), transcript variant 1, mR

gi|14165395|ref|NM\_018904.2| Homo sapiens protocadherin alpha 13 (PCDHA13), transcript variant 1, mR

gi|14165398|ref|NM\_018900.2| Homo sapiens protocadherin alpha 1 (PCDHA1), transcript variant 1, mRNA

gi|14165404|ref|NM\_031495.1| Homo sapiens protocadherin alpha 2 (PCDHA2), transcript variant 2, mRNA

gi|14165408|ref|NM\_018906.2| Homo sapiens protocadherin alpha 3 (PCDHA3), transcript variant 1, mRNA

gi|14165411|ref|NM\_018907.2| Homo sapiens protocadherin alpha 4 (PCDHA4), transcript variant 1, mRNA

gi|14165414|ref|NM\_018908.2| Homo sapiens protocadherin alpha 5 (PCDHA5), transcript variant 1, mRNA

gi|14165418|ref|NM\_031852.1| Homo sapiens protocadherin alpha 7 (PCDHA7), transcript variant 2, mRNA

gi|14165421|ref|NM\_031856.1| Homo sapiens protocadherin alpha 8 (PCDHA8), transcript variant 2, mRNA

gi|14165424|ref|NM\_031857.1| Homo sapiens protocadherin alpha 9 (PCDHA9), transcript variant 1, mRNA

gi|14165467|ref|NM\_022551.2| Homo sapiens ribosomal protein S18 (RPS18), mRNA;

gi|141801535|ref|NM\_021114.2| Homo sapiens serine peptidase inhibitor, Kazal type 2 (acrosin-trypsin inh

gi|141801607|ref|NM\_182524.2| Homo sapiens zinc finger protein 595 (ZNF595), mRNA;

gi|141801721|ref|NM\_015153.2| Homo sapiens PHD finger protein 3 (PHF3), mRNA;

gi|141801729|ref|NM\_017845.3| Homo sapiens COMM domain containing 8 (COMMD8), mRNA;

gi|141801742|ref|NM\_006468.6| Homo sapiens polymerase (RNA) III (DNA directed) polypeptide C (62kD) (

gi|141801747|ref|NM\_014886.3| Homo sapiens NSA2 ribosome biogenesis homolog (S. cerevisiae) (NSA2),

gi|141801761|ref|NM\_033423.3| Homo sapiens granzyme H (cathepsin G-like 2, protein h-CCPX) (GZMH), n

gi|141801770|ref|NM\_003284.3| Homo sapiens transition protein 1 (during histone to protamine replacem



gi|141801854|ref|NM\_021165.2| Homo sapiens family with sequence similarity 5, member B (FAM5B), mRNA;

gi|141801873|ref|NR\_002934.2| Homo sapiens scavenger receptor protein family member (LOC619207), mRNA;

gi|141801911|ref|NM\_003295.2| Homo sapiens tumor protein, translationally-controlled 1 (TPT1), mRNA;

gi|141801931|ref|NM\_016274.4| Homo sapiens pleckstrin homology domain containing, family O member

gi|141801991|ref|NM\_173791.3| Homo sapiens PDZ domain containing 8 (PDZD8), mRNA;

gi|141802042|ref|NM\_153213.3| Homo sapiens Rho guanine nucleotide exchange factor (GEF) 19 (ARHGEF

gi|141802114|ref|NM\_001037331.2| Homo sapiens chromosome 18 open reading frame 62 (C18orf62), mRNA;

gi|141802170|ref|NM\_001031850.2| Homo sapiens pregnancy specific beta-1-glycoprotein 6 (PSG6), transcript

gi|141802251|ref|NM\_144600.2| Homo sapiens FGFR1OP N-terminal like (FOPNL), mRNA;

gi|141802261|ref|NM\_003407.2| Homo sapiens zinc finger protein 36, C3H type, homolog (mouse) (ZFP36)

gi|141802281|ref|NM\_031491.2| Homo sapiens retinol binding protein 5, cellular (RBP5), mRNA;

gi|141802379|ref|NM\_032367.2| Homo sapiens zinc finger, BED-type containing 3 (ZBED3), mRNA;

gi|141802388|ref|NM\_003599.2| Homo sapiens suppressor of Ty 3 homolog (S. cerevisiae) (SUPT3H), transcript

gi|141802438|ref|NM\_004263.3| Homo sapiens sema domain, immunoglobulin domain (Ig), transmembrane

gi|141802492|ref|NR\_003142.2| Homo sapiens small nucleolar RNA host gene 9 (non-protein coding) (SNH1)

gi|141802512|ref|NM\_182610.2| Homo sapiens sterile alpha motif domain containing 7 (SAMD7), mRNA;

gi|141802541|ref|NM\_015933.3| Homo sapiens coiled-coil domain containing 72 (CCDC72), mRNA;

gi|141802548|ref|NR\_003083.2| Homo sapiens solute carrier family 6 (neurotransmitter transporter, creati

gi|141802574|ref|NM\_174907.2| Homo sapiens protein phosphatase 4, regulatory subunit 2 (PPP4R2), mRNA;

gi|141802576|ref|NM\_001001436.2| Homo sapiens chromosome 16 open reading frame 87 (C16orf87), mRNA;

gi|141802591|ref|NM\_022045.3| Homo sapiens Mdm2, transformed 3T3 cell double minute 2, p53 binding

gi|141802701|ref|NM\_138788.3| Homo sapiens transmembrane protein 45B (TMEM45B), mRNA;

gi|141802706|ref|NM\_024511.5| Homo sapiens HAUS augmin-like complex, subunit 3 (HAUS3), mRNA;

gi|141802709|ref|NM\_145263.2| Homo sapiens spermatogenesis associated 18 (SPATA18), mRNA;

gi|141802732|ref|NM\_002173.2| Homo sapiens interferon, alpha 16 (IFNA16), mRNA;

gi|141802733|ref|NM\_152658.2| Homo sapiens THAP domain containing 8 (THAP8), mRNA;

gi|141802900|ref|NM\_001013626.2| Homo sapiens protein phosphatase 1, regulatory subunit 42 (PPP1R4)

gi|141802940|ref|NM\_018287.5| Homo sapiens Rho GTPase activating protein 12 (ARHGAP12), mRNA;

gi|141802997|ref|NM\_016041.3| Homo sapiens Der1-like domain family, member 2 (DERL2), mRNA;

gi|141803021|ref|NM\_022496.3| Homo sapiens ARP6 actin-related protein 6 homolog (yeast) (ACTR6), mRNA;

gi|141803104|ref|NM\_133465.2| Homo sapiens KIAA1958 (KIAA1958), mRNA;

gi|141803116|ref|NM\_031469.2| Homo sapiens SH3 domain binding glutamic acid-rich protein like 2 (SH3B

gi|141803148|ref|NM\_004264.3| Homo sapiens mediator complex subunit 21 (MED21), mRNA;

gi|141803158|ref|NM\_015534.4| Homo sapiens zinc finger, ZZ-type containing 3 (ZZZ3), mRNA;

gi|141803213|ref|NM\_207345.2| Homo sapiens C-type lectin domain family 9, member A (CLEC9A), mRNA;

gi|141803256|ref|NM\_030790.3| Homo sapiens integrin alpha FG-GAP repeat containing 1 (ITFG1), mRNA;

gi|141803371|ref|NM\_003798.2| Homo sapiens catenin (cadherin-associated protein), alpha-like 1 (CTNNA

gi|141803403|ref|NM\_017632.2| Homo sapiens CDKN2A interacting protein (CDKN2AIP), mRNA;

gi|141803439|ref|NM\_014999.2| Homo sapiens RAB21, member RAS oncogene family (RAB21), mRNA;

gi|141803441|ref|NM\_014633.3| Homo sapiens Ctr9, Paf1/RNA polymerase II complex component, homolog

gi|141803454|ref|NM\_032289.2| Homo sapiens pleckstrin and Sec7 domain containing 2 (PSD2), mRNA;

gi|141803479|ref|NM\_173556.3| Homo sapiens coiled-coil domain containing 83 (CCDC83), mRNA;

gi|141803509|ref|NM\_058164.2| Homo sapiens olfactomedin 2 (OLFM2), mRNA;

gi|141803561|ref|NM\_207339.2| Homo sapiens P antigen family, member 2 (prostate associated) (PAGE2),

gi|14192936|ref|NM\_013453.2| Homo sapiens sperm protein associated with the nucleus, X-linked, family

gi|14195592|ref|NM\_018931.2| Homo sapiens protocadherin beta 11 (PCDHB11), mRNA;

gi|14195594|ref|NM\_018933.2| Homo sapiens protocadherin beta 13 (PCDHB13), mRNA;

gi|14195602|ref|NM\_018934.2| Homo sapiens protocadherin beta 14 (PCDHB14), mRNA;  
 gi|14195603|ref|NM\_018935.2| Homo sapiens protocadherin beta 15 (PCDHB15), mRNA;  
 gi|14195604|ref|NM\_020957.1| Homo sapiens protocadherin beta 16 (PCDHB16), mRNA;  
 gi|14195606|ref|NM\_013340.2| Homo sapiens protocadherin beta 1 (PCDHB1), mRNA;  
 gi|14195608|ref|NM\_018936.2| Homo sapiens protocadherin beta 2 (PCDHB2), mRNA;  
 gi|14195609|ref|NM\_018937.2| Homo sapiens protocadherin beta 3 (PCDHB3), mRNA;  
 gi|14195610|ref|NM\_018938.2| Homo sapiens protocadherin beta 4 (PCDHB4), mRNA;  
 gi|14195611|ref|NM\_015669.2| Homo sapiens protocadherin beta 5 (PCDHB5), mRNA;  
 gi|14195612|ref|NM\_018939.2| Homo sapiens protocadherin beta 6 (PCDHB6), mRNA;  
 gi|14195613|ref|NM\_018940.2| Homo sapiens protocadherin beta 7 (PCDHB7), mRNA;  
 gi|14196447|ref|NM\_032090.1| Homo sapiens protocadherin gamma subfamily A, 10 (PCDHGA10), transcript  
 gi|14196449|ref|NM\_018914.2| Homo sapiens protocadherin gamma subfamily A, 11 (PCDHGA11), transcript  
 gi|14196452|ref|NM\_003735.2| Homo sapiens protocadherin gamma subfamily A, 12 (PCDHGA12), transcript  
 gi|14196458|ref|NM\_031993.1| Homo sapiens protocadherin gamma subfamily A, 1 (PCDHGA1), transcript  
 gi|14196460|ref|NM\_018915.2| Homo sapiens protocadherin gamma subfamily A, 2 (PCDHGA2), transcript  
 gi|14196464|ref|NM\_032011.1| Homo sapiens protocadherin gamma subfamily A, 3 (PCDHGA3), transcript  
 gi|14196466|ref|NM\_018917.2| Homo sapiens protocadherin gamma subfamily A, 4 (PCDHGA4), transcript  
 gi|14196469|ref|NM\_018918.2| Homo sapiens protocadherin gamma subfamily A, 5 (PCDHGA5), transcript  
 gi|14196472|ref|NM\_018919.2| Homo sapiens protocadherin gamma subfamily A, 6 (PCDHGA6), transcript  
 gi|14196476|ref|NM\_032087.1| Homo sapiens protocadherin gamma subfamily A, 7 (PCDHGA7), transcript  
 gi|14210533|ref|NM\_032524.1| Homo sapiens keratin associated protein 4-4 (KRTAP4-4), mRNA;  
 gi|14210535|ref|NM\_032525.1| Homo sapiens tubulin, beta 6 class V (TUBB6), mRNA;  
 gi|14210537|ref|NM\_032526.1| Homo sapiens 5'-nucleotidase, cytosolic 1A (NT5C1A), mRNA;  
 gi|14211848|ref|NM\_032553.1| Homo sapiens G protein-coupled receptor 174 (GPR174), mRNA;  
 gi|14211868|ref|NM\_032563.1| Homo sapiens late cornified envelope 3D (LCE3D), mRNA;  
 gi|14211940|ref|NM\_032602.1| Homo sapiens gap junction protein, alpha 10, 62kDa (GJA10), mRNA;  
 gi|14211948|ref|NM\_032607.1| Homo sapiens cAMP responsive element binding protein 3-like 3 (CREB3L3)  
 gi|142343793|ref|NM\_017771.3| Homo sapiens PX domain containing serine/threonine kinase (PXX), mRNA;  
 gi|142345029|ref|NM\_003709.2| Homo sapiens Kruppel-like factor 7 (ubiquitous) (KLF7), mRNA;  
 gi|142345724|ref|NM\_152376.3| Homo sapiens UBX domain protein 10 (UBXN10), mRNA;  
 gi|142345779|ref|NM\_022072.3| Homo sapiens NOP2/Sun domain family, member 3 (NSUN3), mRNA;  
 gi|142348070|ref|NM\_006270.3| Homo sapiens related RAS viral (r-ras) oncogene homolog (RRAS), mRNA;  
 gi|142348442|ref|NM\_001042498.2| Homo sapiens solute carrier family 35 (UDP-galactose transporter), mRNA;  
 gi|142348643|ref|NM\_017607.2| Homo sapiens protein phosphatase 1, regulatory subunit 12C (PPP1R12C)  
 gi|142349513|ref|NM\_001001683.2| Homo sapiens mediator complex subunit 11 (MED11), mRNA;  
 gi|142351011|ref|NM\_181711.2| Homo sapiens GRP1 (general receptor for phosphoinositides 1)-associated  
 gi|142351674|ref|NM\_182609.2| Homo sapiens zinc finger protein 677 (ZNF677), mRNA;  
 gi|142352410|ref|NM\_153183.2| Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif  
 gi|142352661|ref|NM\_033280.2| Homo sapiens SEC11 homolog C (S. cerevisiae) (SEC11C), mRNA;  
 gi|142353021|ref|NM\_022097.2| Homo sapiens calcineurin B homologous protein 2 (CHP2), mRNA;  
 gi|142353610|ref|NM\_018040.2| Homo sapiens G patch domain containing 2 (GPATCH2), mRNA;  
 gi|142354717|ref|NM\_138334.2| Homo sapiens Josephin domain containing 2 (JOSD2), mRNA;  
 gi|142354961|ref|NM\_213597.2| Homo sapiens KRAB-A domain containing 2 (KRBA2), mRNA;  
 gi|142356949|ref|NM\_023930.3| Homo sapiens potassium channel tetramerisation domain containing 14 (KCTD14)  
 gi|142356996|ref|NM\_006834.3| Homo sapiens RAB32, member RAS oncogene family (RAB32), mRNA;  
 gi|142357093|ref|NM\_032259.2| Homo sapiens WD repeat domain 24 (WDR24), mRNA;  
 gi|142357270|ref|NR\_002910.2| Homo sapiens small nucleolar RNA, H/ACA box 71B (SNORA71B), small nuclear RNA

gi|142357568|ref|NM\_032340.2| Homo sapiens mitochondrial nucleoid factor 1 (MNF1), nuclear gene encod

gi|142357575|ref|NM\_173491.2| Homo sapiens LSM11, U7 small nuclear RNA associated (LSM11), mRNA;

gi|142358069|ref|NR\_002790.2| Homo sapiens period homolog 3 (Drosophila) pseudogene (PER4), non-cod

gi|142358106|ref|NM\_002930.2| Homo sapiens Ras-like without CAAX 2 (RIT2), mRNA;

gi|142358186|ref|NR\_002975.2| Homo sapiens small nucleolar RNA, H/ACA box 43 (SNORA43), small nucle

gi|142359507|ref|NM\_198463.2| Homo sapiens chromosome 3 open reading frame 67 (C3orf67), mRNA;

gi|142359942|ref|NM\_015938.3| Homo sapiens NMD3 homolog (S. cerevisiae) (NMD3), mRNA;

gi|142360336|ref|NM\_005110.2| Homo sapiens glutamine-fructose-6-phosphate transaminase 2 (GFPT2), r

gi|142360381|ref|NM\_018074.4| Homo sapiens coiled-coil domain containing 94 (CCDC94), mRNA;

gi|142360775|ref|NM\_173847.3| Homo sapiens sperm acrosome associated 3 (SPACA3), mRNA;

gi|142361059|ref|NM\_032024.3| Homo sapiens chromosome 10 open reading frame 11 (C10orf11), mRNA

gi|142362035|ref|NM\_021925.2| Homo sapiens chromosome 2 open reading frame 43 (C2orf43), mRNA;

gi|142362226|ref|NM\_173499.3| Homo sapiens spermatogenesis associated 8 (SPATA8), mRNA;

gi|142364134|ref|NM\_001037675.2| Homo sapiens neuroblastoma breakpoint family, member 9 (NBPF9),

gi|142365297|ref|NM\_017812.2| Homo sapiens coiled-coil-helix-coiled-coil-helix domain containing 3 (CHC

gi|142365512|ref|NM\_006678.3| Homo sapiens CD300c molecule (CD300C), mRNA;

gi|142365652|ref|NM\_025147.3| Homo sapiens coenzyme Q10 homolog B (S. cerevisiae) (COQ10B), nuclea

gi|142366158|ref|NM\_001004432.2| Homo sapiens leucine rich repeat and Ig domain containing 4 (LINGO4

gi|142366221|ref|NM\_001039127.3| Homo sapiens zinc finger protein 718 (ZNF718), mRNA;

gi|142366514|ref|NM\_017908.2| Homo sapiens zinc finger protein 446 (ZNF446), mRNA;

gi|142366582|ref|NM\_144569.4| Homo sapiens SPOC domain containing 1 (SPOCD1), mRNA;

gi|142366966|ref|NM\_003171.3| Homo sapiens suppressor of var1, 3-like 1 (S. cerevisiae) (SUPV3L1), mRN

gi|142367296|ref|NR\_002185.2| Homo sapiens olfactory receptor, family 7, subfamily E, member 91 pseud

gi|142369041|ref|NM\_152779.2| Homo sapiens GLI pathogenesis-related 1 like 1 (GLIPR1L1), mRNA;

gi|142369686|ref|NM\_138778.2| Homo sapiens WD repeat domain 85 (WDR85), mRNA;

gi|142369790|ref|NM\_175881.3| Homo sapiens outer dense fiber of sperm tails 3-like 1 (ODF3L1), mRNA;

gi|142370068|ref|NM\_014184.2| Homo sapiens cornichon homolog 4 (Drosophila) (CNIH4), mRNA;

gi|142370197|ref|NM\_018012.3| Homo sapiens kinesin family member 26B (KIF26B), mRNA;

gi|142370295|ref|NM\_001037813.2| Homo sapiens zinc finger protein 284 (ZNF284), mRNA;

gi|142370362|ref|NM\_021930.4| Homo sapiens RAD50 interactor 1 (RINT1), mRNA;

gi|142371740|ref|NM\_181726.2| Homo sapiens ankyrin repeat domain 37 (ANKRD37), mRNA;

gi|142371747|ref|NM\_006322.4| Homo sapiens tubulin, gamma complex associated protein 3 (TUBGCP3),

gi|142372302|ref|NM\_212557.2| Homo sapiens amelotin (AMTN), mRNA;

gi|142372596|ref|NR\_003285.2| Homo sapiens RNA, 5.8S ribosomal 1 (RN5-8S1), ribosomal RNA;

gi|142373330|ref|NM\_001008708.2| Homo sapiens ChaC, cation transport regulator homolog 2 (E. coli) (Ch

gi|142374121|ref|NM\_017940.3| Homo sapiens neuroblastoma breakpoint family, member 1 (NBPF1), mRN

gi|142375280|ref|NM\_173508.2| Homo sapiens solute carrier family 35, member F3 (SLC35F3), mRNA;

gi|142375723|ref|NM\_032704.3| Homo sapiens tubulin, alpha 1c (TUBA1C), mRNA;

gi|142375765|ref|NM\_153809.2| Homo sapiens TAF1 RNA polymerase II, TATA box binding protein (TBP)-a

gi|142375790|ref|NM\_138812.2| Homo sapiens DPY30 domain containing 1 (DYDC1), mRNA;

gi|142376020|ref|NM\_178834.3| Homo sapiens layilin (LAYN), mRNA;

gi|142376057|ref|NM\_145030.2| Homo sapiens protein phosphatase 1, regulatory subunit 35 (PPP1R35), n

gi|142376243|ref|NM\_152510.2| Homo sapiens HORMA domain containing 2 (HORMAD2), mRNA;

gi|142377168|ref|NM\_014077.2| Homo sapiens family with sequence similarity 32, member A (FAM32A), n

gi|142377730|ref|NM\_014673.3| Homo sapiens tetratricopeptide repeat domain 35 (TTC35), mRNA;

gi|142377954|ref|NM\_152262.2| Homo sapiens zinc finger protein 439 (ZNF439), mRNA;

gi|142378144|ref|NM\_013292.3| Homo sapiens myosin light chain, phosphorylatable, fast skeletal muscle (

gi|142378186|ref|NM\_030572.2| Homo sapiens chromosome 12 open reading frame 39 (C12orf39), mRNA  
gi|142378239|ref|NM\_175895.3| Homo sapiens chromosome 12 open reading frame 61 (C12orf61), mRNA  
gi|142378579|ref|NM\_002411.2| Homo sapiens secretoglobin, family 2A, member 2 (SCGB2A2), mRNA;  
gi|142378677|ref|NM\_015462.3| Homo sapiens nucleolar protein 11 (NOL11), mRNA;  
gi|142378920|ref|NM\_024660.2| Homo sapiens IGF-like family receptor 1 (IGFLR1), mRNA;  
gi|142379120|ref|NR\_001545.2| Homo sapiens testis-specific transcript, Y-linked 15 (non-protein coding) (7  
gi|142379758|ref|NM\_006229.2| Homo sapiens pancreatic lipase-related protein 1 (PNLIPRP1), mRNA;  
gi|142379955|ref|NR\_002754.2| Homo sapiens RNA, U5E small nuclear 1 (RNU5E-1), small nuclear RNA;  
gi|142380001|ref|NM\_152901.2| Homo sapiens PYD (pyrin domain) containing 1 (PYDC1), mRNA;  
gi|142380181|ref|NM\_198549.2| Homo sapiens family with sequence similarity 73, member A (FAM73A), n  
gi|142380452|ref|NM\_030782.3| Homo sapiens CLPTM1-like (CLPTM1L), mRNA;  
gi|142380771|ref|NM\_031302.3| Homo sapiens glycosyltransferase 8 domain containing 2 (GLT8D2), mRNA/  
gi|142381171|ref|NM\_032372.4| Homo sapiens DPY30 domain containing 2 (DYDC2), mRNA;  
gi|142381932|ref|NM\_153040.2| Homo sapiens chromosome 15 open reading frame 32 (C15orf32), mRNA  
gi|142382066|ref|NM\_198527.2| Homo sapiens HD domain containing 3 (HDDC3), mRNA;  
gi|142383690|ref|NM\_022756.4| Homo sapiens MYST/Esa1-associated factor 6 (MEAF6), mRNA;  
gi|142384009|ref|NM\_153261.4| Homo sapiens CTD nuclear envelope phosphatase 1 regulatory subunit 1  
gi|142384038|ref|NM\_133466.2| Homo sapiens zinc finger protein 82 homolog (mouse) (ZFP82), mRNA;  
gi|142384979|ref|NM\_173687.2| Homo sapiens chromosome 8 open reading frame 31 (C8orf31), mRNA;  
gi|142385039|ref|NM\_138804.3| Homo sapiens chromosome 2 open reading frame 65 (C2orf65), mRNA;  
gi|142385096|ref|NM\_001077693.2| Homo sapiens endothelial cell surface expressed chemotaxis and apo  
gi|142385371|ref|NM\_018170.3| Homo sapiens regulation of nuclear pre-mRNA domain containing 1A (RPI  
gi|142386122|ref|NM\_001042490.3| Homo sapiens general transcription factor IIH, polypeptide 2D (GTF2H  
gi|142388259|ref|NM\_152687.2| Homo sapiens GRB2-binding adaptor protein, transmembrane (GAPT), m  
gi|142388325|ref|NM\_001039780.2| Homo sapiens cyclin I family, member 2 (CCNI2), mRNA;  
gi|142388591|ref|NM\_006626.4| Homo sapiens zinc finger and BTB domain containing 6 (ZBTB6), mRNA;  
gi|142388608|ref|NM\_032138.4| Homo sapiens kelch repeat and BTB (POZ) domain containing 7 (KBTBD7),  
gi|142388655|ref|NM\_005947.2| Homo sapiens metallothionein 1B (MT1B), mRNA;  
gi|142388956|ref|NM\_147190.2| Homo sapiens ceramide synthase 5 (CERS5), mRNA;  
gi|14249118|ref|NM\_032498.1| Homo sapiens Rhox homeobox family, member 2 (RHOXF2), mRNA;  
gi|14249385|ref|NM\_032752.1| Homo sapiens zinc finger protein 496 (ZNF496), mRNA;  
gi|14249451|ref|NM\_032786.1| Homo sapiens zinc finger CCCH-type containing 10 (ZC3H10), mRNA;  
gi|14249455|ref|NM\_032788.1| Homo sapiens zinc finger protein 514 (ZNF514), mRNA;  
gi|14249487|ref|NM\_032805.1| Homo sapiens zinc finger and SCAN domain containing 10 (ZSCAN10), mRN  
gi|14249569|ref|NM\_032848.1| Homo sapiens chromosome 12 open reading frame 52 (C12orf52), mRNA;  
gi|14249589|ref|NM\_032858.1| Homo sapiens maelstrom homolog (Drosophila) (MAEL), mRNA;  
gi|14249631|ref|NM\_032881.1| Homo sapiens LSM10, U7 small nuclear RNA associated (LSM10), mRNA;  
gi|14251213|ref|NM\_020414.3| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 24 (DDX24), mRNA  
gi|14270483|ref|NM\_032088.1| Homo sapiens protocadherin gamma subfamily A, 8 (PCDHGA8), transcript  
gi|14270486|ref|NM\_032089.1| Homo sapiens protocadherin gamma subfamily A, 9 (PCDHGA9), transcript  
gi|14270488|ref|NM\_018922.2| Homo sapiens protocadherin gamma subfamily B, 1 (PCDHGB1), transcript  
gi|14270492|ref|NM\_032096.1| Homo sapiens protocadherin gamma subfamily B, 2 (PCDHGB2), transcript  
gi|14270494|ref|NM\_018924.2| Homo sapiens protocadherin gamma subfamily B, 3 (PCDHGB3), transcript  
gi|14270497|ref|NM\_003736.2| Homo sapiens protocadherin gamma subfamily B, 4 (PCDHGB4), transcript  
gi|14270501|ref|NM\_032100.1| Homo sapiens protocadherin gamma subfamily B, 6 (PCDHGB6), transcript  
gi|14270503|ref|NM\_018925.2| Homo sapiens protocadherin gamma subfamily B, 5 (PCDHGB5), transcript  
gi|14277673|ref|NM\_014583.2| Homo sapiens LIM and cysteine-rich domains 1 (LMCD1), mRNA;

gi|14277678|ref|NM\_032403.1| Homo sapiens protocadherin gamma subfamily C, 3 (PCDHGC3), transcript

gi|14277681|ref|NM\_032406.1| Homo sapiens protocadherin gamma subfamily C, 4 (PCDHGC4), transcript

gi|14277684|ref|NM\_032407.1| Homo sapiens protocadherin gamma subfamily C, 5 (PCDHGC5), transcript

gi|142976685|ref|NM\_001083893.1| Homo sapiens striatin, calmodulin binding protein 3 (STRN3), transcript

gi|142976728|ref|NM\_016245.3| Homo sapiens hydroxysteroid (17-beta) dehydrogenase 11 (HSD17B11), r

gi|142976732|ref|NM\_016952.4| Homo sapiens Cdon homolog (mouse) (CDON), transcript variant 2, mRNA

gi|142976756|ref|NM\_016545.4| Homo sapiens immediate early response 5 (IER5), mRNA;

gi|142976782|ref|NM\_013377.3| Homo sapiens PDZ domain containing ring finger 4 (PDZRN4), transcript v

gi|142976815|ref|NM\_013364.4| Homo sapiens paraneoplastic Ma antigen 3 (PNMA3), mRNA;

gi|142976883|ref|NM\_015715.3| Homo sapiens phospholipase A2, group III (PLA2G3), mRNA;

gi|143770796|ref|NM\_006739.3| Homo sapiens minichromosome maintenance complex component 5 (MC

gi|143770801|ref|NM\_020236.3| Homo sapiens mitochondrial ribosomal protein L1 (MRPL1), nuclear gene

gi|143770879|ref|NM\_007356.2| Homo sapiens laminin, beta 4 (LAMB4), mRNA;

gi|143771698|ref|NM\_006635.3| Homo sapiens zinc finger protein 460 (ZNF460), mRNA;

gi|144094253|ref|NM\_001018111.2| Homo sapiens podocalyxin-like (PODXL), transcript variant 1, mRNA; g

gi|144094257|ref|NM\_033505.2| Homo sapiens ethanolaminephosphotransferase 1 (CDP-ethanolamine-sp

gi|144226212|ref|NM\_005005.2| Homo sapiens NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 9,

gi|144226237|ref|NR\_002578.2| Homo sapiens growth arrest-specific 5 (non-protein coding) (GAS5), non-c

gi|144226242|ref|NR\_002818.2| Homo sapiens ring finger protein 126 pseudogene 1 (RNF126P1), non-codi

gi|144226250|ref|NM\_001276.2| Homo sapiens chitinase 3-like 1 (cartilage glycoprotein-39) (CHI3L1), mRN

gi|144227751|ref|NM\_020716.1| Homo sapiens GRAM domain containing 1B (GRAMD1B), mRNA;

gi|144446108|ref|NM\_015470.2| Homo sapiens RAB11 family interacting protein 5 (class I) (RAB11FIP5), m

gi|14456711|ref|NM\_000558.3| Homo sapiens hemoglobin, alpha 1 (HBA1), mRNA;

gi|144922664|ref|NM\_001083909.1| Homo sapiens G protein-coupled receptor 123 (GPR123), mRNA;

gi|144922708|ref|NM\_001006655.2| Homo sapiens family with sequence similarity 149, member A (FAM14

gi|144922719|ref|NM\_025004.2| Homo sapiens coiled-coil domain containing 15 (CCDC15), mRNA;

gi|144922724|ref|NM\_005513.2| Homo sapiens general transcription factor IIE, polypeptide 1, alpha 56kDa

gi|144922730|ref|NM\_001017992.2| Homo sapiens actin, beta-like 2 (ACTBL2), mRNA;

gi|144953879|ref|NM\_017787.4| Homo sapiens chromosome 10 open reading frame 26 (C10orf26), transc

gi|144953883|ref|NM\_005795.4| Homo sapiens calcitonin receptor-like (CALCRL), mRNA;

gi|144953894|ref|NM\_007361.3| Homo sapiens nidogen 2 (osteonidogen) (NID2), mRNA;

gi|144953896|ref|NM\_007184.3| Homo sapiens nischarin (NISCH), mRNA;

gi|144953899|ref|NM\_006462.4| Homo sapiens RanBP-type and C3HC4-type zinc finger containing 1 (RBC

gi|144953900|ref|NM\_018436.3| Homo sapiens allantoicase (ALLC), transcript variant 1, mRNA;

gi|144953902|ref|NM\_018189.3| Homo sapiens developmental pluripotency associated 4 (DPPA4), mRNA;

gi|144953904|ref|NM\_018088.3| Homo sapiens family with sequence similarity 90, member A1 (FAM90A1)

gi|144953906|ref|NM\_017694.3| Homo sapiens major facilitator superfamily domain containing 6 (MFSD6)

gi|144953910|ref|NM\_017706.4| Homo sapiens WD repeat domain 55 (WDR55), mRNA;

gi|144953911|ref|NM\_014939.3| Homo sapiens trafficking protein particle complex 8 (TRAPPC8), mRNA;

gi|145046233|ref|NM\_174976.2| Homo sapiens zinc finger, DHHC-type containing 22 (ZDHHC22), mRNA;

gi|145046251|ref|NM\_001004304.3| Homo sapiens zinc finger protein 740 (ZNF740), mRNA;

gi|145046252|ref|NM\_001080851.1| Homo sapiens DMRT-like family C1B (DMRTC1B), mRNA;

gi|145046268|ref|NM\_173630.3| Homo sapiens rotatin (RTTN), mRNA;

gi|145199236|ref|NM\_020695.3| Homo sapiens REX1, RNA exonuclease 1 homolog (S. cerevisiae) (REXO1),

gi|145207957|ref|NM\_001001891.3| Homo sapiens anoctamin 7 (ANO7), transcript variant NGEP-L, mRNA;

gi|145208007|ref|NM\_173688.2| Homo sapiens Na<sup>+</sup>/K<sup>+</sup> transporting ATPase interacting 3 (NKAIN3), mRNA

gi|145275171|ref|NM\_199179.2| Homo sapiens kin of IRRE like 2 (Drosophila) (KIRREL2), transcript variant

gi|145275184|ref|NM\_021640.3| Homo sapiens chromosome 12 open reading frame 10 (C12orf10), mRNA  
 gi|145275186|ref|NM\_020810.2| Homo sapiens TRM5 tRNA methyltransferase 5 homolog (S. cerevisiae) (T  
 gi|145275192|ref|NM\_001083924.1| Homo sapiens chromosome 1 open reading frame 116 (C1orf116), tra  
 gi|145275194|ref|NM\_031215.2| Homo sapiens Cdk5 and Abl enzyme substrate 2 (CABLES2), mRNA;  
 gi|145275196|ref|NM\_032169.4| Homo sapiens acyl-CoA dehydrogenase family, member 11 (ACAD11), mR  
 gi|145275197|ref|NM\_207517.2| Homo sapiens ADAMTS-like 3 (ADAMTSL3), mRNA;  
 gi|145275201|ref|NM\_001083926.1| Homo sapiens asparaginase like 1 (ASRGL1), transcript variant 1, mRN  
 gi|145275203|ref|NM\_024635.3| Homo sapiens N(alpha)-acetyltransferase 35, NatC auxiliary subunit (NAA  
 gi|145275205|ref|NM\_022840.3| Homo sapiens methyltransferase like 4 (METTL4), mRNA;  
 gi|145275207|ref|NM\_017433.4| Homo sapiens myosin IIIA (MYO3A), mRNA;  
 gi|145275209|ref|NM\_025065.6| Homo sapiens ribosome production factor 1 homolog (S. cerevisiae) (RPF  
 gi|145275211|ref|NM\_018706.5| Homo sapiens dehydrogenase E1 and transketolase domain containing 1  
 gi|145275212|ref|NM\_000505.3| Homo sapiens coagulation factor XII (Hageman factor) (F12), mRNA;  
 gi|145275215|ref|NM\_032559.4| Homo sapiens kinesin family member 2B (KIF2B), mRNA;  
 gi|145275217|ref|NM\_000237.2| Homo sapiens lipoprotein lipase (LPL), mRNA;  
 gi|145275218|ref|NM\_022454.3| Homo sapiens SRY (sex determining region Y)-box 17 (SOX17), mRNA;  
 gi|145279178|ref|NM\_001004058.2| Homo sapiens olfactory receptor, family 8, subfamily K, member 5 (O  
 gi|145279203|ref|NM\_017820.3| Homo sapiens exonuclease 3'-5' domain containing 3 (EXD3), mRNA;  
 gi|145301566|ref|NM\_019108.2| Homo sapiens smg-9 homolog, nonsense mediated mRNA decay factor (C  
 gi|145301573|ref|NM\_022065.4| Homo sapiens thyroid adenoma associated (THADA), transcript variant 1,  
 gi|145301619|ref|NM\_177925.2| Homo sapiens H2A histone family, member J (H2AFJ), transcript variant 1.  
 gi|145301634|ref|NM\_177538.2| Homo sapiens cytochrome P450, family 20, subfamily A, polypeptide 1 (C  
 gi|145309295|ref|NM\_007282.4| Homo sapiens ring finger protein 13 (RNF13), transcript variant 1, mRNA;  
 gi|145309296|ref|NM\_033364.3| Homo sapiens chromosome 3 open reading frame 15 (C3orf15), mRNA;  
 gi|145309297|ref|NM\_052857.3| Homo sapiens zinc finger protein 830 (ZNF830), mRNA;  
 gi|145309303|ref|NM\_001407.2| Homo sapiens cadherin, EGF LAG seven-pass G-type receptor 3 (flamingo  
 gi|145309308|ref|NM\_001039590.2| Homo sapiens ubiquitin specific peptidase 9, X-linked (USP9X), transcr  
 gi|145309312|ref|NM\_052917.2| Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetyl  
 gi|145309314|ref|NM\_080865.3| Homo sapiens G protein-coupled receptor 62 (GPR62), mRNA;  
 gi|145309316|ref|NM\_152275.3| Homo sapiens tetratricopeptide repeat domain 30A (TTC30A), mRNA;  
 gi|145309319|ref|NM\_033260.3| Homo sapiens forkhead box Q1 (FOXQ1), mRNA;  
 gi|145309321|ref|NM\_032594.3| Homo sapiens insulinoma-associated 2 (INSM2), mRNA;  
 gi|145309323|ref|NM\_033393.2| Homo sapiens FH2 domain containing 1 (FHDC1), mRNA;  
 gi|145309325|ref|NM\_002293.3| Homo sapiens laminin, gamma 1 (formerly LAMB2) (LAMC1), mRNA;  
 gi|145309327|ref|NM\_173462.3| Homo sapiens papilin, proteoglycan-like sulfated glycoprotein (PAPLN), m  
 gi|145309329|ref|NM\_175872.4| Homo sapiens zinc finger protein 792 (ZNF792), mRNA;  
 gi|145312240|ref|NM\_022047.3| Homo sapiens differentially expressed in FDCP 6 homolog (mouse) (DEF6)  
 gi|145312258|ref|NM\_001083965.1| Homo sapiens tudor and KH domain containing (TDRKH), transcript va  
 gi|145312260|ref|NM\_002438.2| Homo sapiens mannose receptor, C type 1 (MRC1), mRNA;  
 gi|145312263|ref|NM\_173655.2| Homo sapiens EPH receptor A6 (EPHA6), transcript variant 2, mRNA; gi|1  
 gi|145312264|ref|NM\_033266.3| Homo sapiens endoplasmic reticulum to nucleus signaling 2 (ERN2), mRN  
 gi|145312268|ref|NM\_170589.3| Homo sapiens cancer susceptibility candidate 5 (CASC5), transcript varian  
 gi|145386528|ref|NM\_015511.3| Homo sapiens chromosome 20 open reading frame 4 (C20orf4), mRNA;  
 gi|145386544|ref|NM\_000854.3| Homo sapiens glutathione S-transferase theta 2 (GSTT2), mRNA;  
 gi|145386546|ref|NM\_001080843.2| Homo sapiens glutathione S-transferase theta 2B (gene/pseudogene)  
 gi|145386550|ref|NM\_018986.3| Homo sapiens SH3 domain and tetratricopeptide repeats 1 (SH3TC1), mR  
 gi|145386555|ref|NM\_014235.3| Homo sapiens ubiquitin-like 4A (UBL4A), mRNA;

gi|145386556|ref|NM\_022079.2| Homo sapiens HECT and RLD domain containing E3 ubiquitin protein ligas

gi|145386558|ref|NM\_001084393.1| Homo sapiens D-dopachrome tautomerase-like (DDTL), mRNA;

gi|145386565|ref|NM\_021964.2| Homo sapiens zinc finger protein 148 (ZNF148), mRNA;

gi|145386585|ref|NM\_001355.3| Homo sapiens D-dopachrome tautomerase (DDT), transcript variant 1, ml

gi|145553983|ref|NM\_020796.3| Homo sapiens sema domain, transmembrane domain (TM), and cytoplasi

gi|145553988|ref|NM\_022819.3| Homo sapiens phospholipase A2, group IIF (PLA2G2F), mRNA;

gi|145580574|ref|NM\_022802.2| Homo sapiens C-terminal binding protein 2 (CTBP2), transcript variant 2, r

gi|145580579|ref|NM\_145053.4| Homo sapiens ubiquilin-like (UBQLNL), mRNA;

gi|145580587|ref|NM\_018139.2| Homo sapiens dynein, axonemal, assembly factor 2 (DNAAF2), transcript

gi|145580589|ref|NM\_022495.5| Homo sapiens chromosome 14 open reading frame 135 (C14orf135), mRN

gi|145580591|ref|NM\_152592.3| Homo sapiens chromosome 14 open reading frame 49 (C14orf49), mRNA

gi|145580594|ref|NM\_152549.2| Homo sapiens coiled-coil domain containing 112 (CCDC112), transcript va

gi|145580596|ref|NM\_018666.2| Homo sapiens sarcoma antigen 1 (SAGE1), mRNA;

gi|145580599|ref|NM\_144975.3| Homo sapiens schlafen family member 5 (SLFN5), mRNA;

gi|145580601|ref|NM\_152402.2| Homo sapiens translocation associated membrane protein 1-like 1 (TRAN

gi|145580603|ref|NM\_194291.2| Homo sapiens transmembrane protein 65 (TMEM65), mRNA;

gi|145580609|ref|NM\_173636.4| Homo sapiens WD repeat domain 62 (WDR62), transcript variant 2, mRN

gi|145580614|ref|NM\_023008.3| Homo sapiens KRI1 homolog (S. cerevisiae) (KRI1), mRNA;

gi|145580616|ref|NM\_173540.2| Homo sapiens fucosyltransferase 11 (alpha (1,3) fucosyltransferase) (FUT

gi|145580620|ref|NM\_181780.3| Homo sapiens B and T lymphocyte associated (BTLA), transcript variant 1,

gi|145580624|ref|NM\_001013620.3| Homo sapiens asparagine-linked glycosylation 10, alpha-1,2-glucosylti

gi|145580625|ref|NM\_203394.2| Homo sapiens E2F transcription factor 7 (E2F7), mRNA;

gi|145580627|ref|NM\_178229.4| Homo sapiens IQ motif containing GTPase activating protein 3 (IQGAP3),

gi|145580630|ref|NM\_181701.3| Homo sapiens quiescin Q6 sulfhydryl oxidase 2 (QSOX2), mRNA;

gi|145580632|ref|NM\_003831.3| Homo sapiens RIO kinase 3 (yeast) (RIOK3), mRNA;

gi|145580633|ref|NM\_198481.3| Homo sapiens V-set and transmembrane domain containing 1 (VSTM1), n

gi|145587087|ref|NM\_199280.2| Homo sapiens family with sequence similarity 179, member A (FAM179A)

gi|145587105|ref|NM\_006586.3| Homo sapiens canopy 3 homolog (zebrafish) (CNPY3), mRNA;

gi|145611425|ref|NM\_006814.3| Homo sapiens proteasome (prosome, macropain) inhibitor subunit 1 (PI3

gi|145611427|ref|NM\_181809.3| Homo sapiens bone morphogenetic protein 8a (BMP8A), mRNA;

gi|145611433|ref|NM\_024527.4| Homo sapiens abhydrolase domain containing 8 (ABHD8), mRNA;

gi|145611445|ref|NM\_001012302.2| Homo sapiens anoctamin 9 (ANO9), mRNA;

gi|145699104|ref|NM\_153368.2| Homo sapiens gap junction protein, delta 4, 40.1kDa (GJD4), mRNA;

gi|145699122|ref|NM\_144658.3| Homo sapiens dedicator of cytokinesis 11 (DOCK11), mRNA;

gi|145699125|ref|NR\_003521.1| Homo sapiens WAS protein homolog associated with actin, golgi membrar

gi|145699132|ref|NM\_024867.3| Homo sapiens sperm flagellar 2 (SPEF2), transcript variant 1, mRNA; gi|93

gi|145699138|ref|NM\_153221.2| Homo sapiens cartilage intermediate layer protein 2 (CILP2), mRNA;

gi|145701004|ref|NM\_199350.3| Homo sapiens chromosome 9 open reading frame 50 (C9orf50), mRNA;

gi|145701008|ref|NM\_080539.3| Homo sapiens collagen-like tail subunit (single strand of homotrimer) of a

gi|145701013|ref|NR\_003510.1| Homo sapiens heat shock transcription factor, Y-linked 1 (HSFY1), transcrip

gi|145701022|ref|NR\_003509.1| Homo sapiens heat shock transcription factor, Y linked 2 (HSFY2), transcrip

gi|145701024|ref|NM\_001410.2| Homo sapiens multiple EGF-like-domains 8 (MEGF8), mRNA;

gi|145701027|ref|NM\_001083946.1| Homo sapiens chromosome 2 open reading frame 56 (C2orf56), nucle

gi|145701029|ref|NM\_001083947.1| Homo sapiens transmembrane protease, serine 4 (TMPRSS4), transcri

gi|14577916|ref|NM\_005755.2| Homo sapiens Epstein-Barr virus induced 3 (EBI3), mRNA;

gi|145864464|ref|NM\_003568.2| Homo sapiens annexin A9 (ANXA9), mRNA;

gi|145864500|ref|NR\_003505.2| Homo sapiens protein phosphatase 4, regulatory subunit 1-like (PPP4R1L),

gi|145864501|ref|NM\_032693.2| Homo sapiens N(alpha)-acetyltransferase 11, NatA catalytic subunit (NAA  
 gi|14589853|ref|NM\_007079.2| Homo sapiens protein tyrosine phosphatase type IVA, member 3 (PTP4A3)  
 gi|14589875|ref|NM\_032459.1| Homo sapiens embryonal Fyn-associated substrate (EFS), transcript variant  
 gi|14589915|ref|NM\_032961.1| Homo sapiens protocadherin 10 (PCDH10), transcript variant 1, mRNA; gi|  
 gi|14589925|ref|NM\_016580.2| Homo sapiens protocadherin 12 (PCDH12), mRNA;  
 gi|14589943|ref|NM\_032972.1| Homo sapiens protocadherin 11 Y-linked (PCDH11Y), transcript variant b, n  
 gi|14589952|ref|NM\_006232.2| Homo sapiens polymerase (RNA) II (DNA directed) polypeptide H (POLR2H)  
 gi|14591905|ref|NM\_012423.2| Homo sapiens ribosomal protein L13a (RPL13A), mRNA;  
 gi|14591910|ref|NM\_001017.2| Homo sapiens ribosomal protein S13 (RPS13), mRNA;  
 gi|14591916|ref|NM\_001028.2| Homo sapiens ribosomal protein S25 (RPS25), mRNA;  
 gi|14591932|ref|NM\_006808.2| Homo sapiens Sec61 beta subunit (SEC61B), mRNA;  
 gi|145966684|ref|NM\_001085398.1| Homo sapiens TLX1 neighbor (TLX1NB), mRNA;  
 gi|145966783|ref|NM\_001085401.1| Homo sapiens chromosome 6 open reading frame 201 (C6orf201), m  
 gi|145966864|ref|NM\_001013642.2| Homo sapiens TMF1-regulated nuclear protein 1 (TRNP1), mRNA;  
 gi|145976941|ref|NM\_001085386.1| Homo sapiens transcription factor NF-E4 (NFE4), mRNA;  
 gi|145976945|ref|NM\_001085365.1| Homo sapiens mitotic spindle organizing protein 2A (MZT2A), mRNA;  
 gi|145977193|ref|NM\_001085375.1| Homo sapiens chromosome 1 open reading frame 226 (C1orf226), tra  
 gi|145977197|ref|NM\_001085382.1| Homo sapiens prosaposin-like 1 (gene/pseudogene) (PSAPL1), mRNA;  
 gi|145977221|ref|NM\_001085384.1| Homo sapiens zinc finger protein 154 (ZNF154), mRNA;  
 gi|14600335|ref|NM\_019119.3| Homo sapiens protocadherin beta 9 (PCDHB9), mRNA;  
 gi|14602456|ref|NM\_032405.1| Homo sapiens transmembrane protease, serine 3 (TMPRSS3), transcript va  
 gi|146094507|ref|NM\_001085400.1| Homo sapiens RELT-like 1 (RELL1), transcript variant 1, mRNA; gi|146  
 gi|146133847|ref|NM\_001038640.2| Homo sapiens golgin A6 family, member A (GOLGA6A), mRNA;  
 gi|146134340|ref|NM\_001085411.1| Homo sapiens NAD kinase domain containing 1 (NADKD1), transcript  
 gi|146134387|ref|NM\_019589.2| Homo sapiens YLP motif containing 1 (YLPM1), mRNA;  
 gi|146149101|ref|NM\_001002914.2| Homo sapiens potassium channel tetramerisation domain containing  
 gi|146149115|ref|NM\_052906.3| Homo sapiens extracellular leucine-rich repeat and fibronectin type III do  
 gi|146149187|ref|NM\_138444.3| Homo sapiens potassium channel tetramerisation domain containing 12 (C  
 gi|146149286|ref|NM\_001004301.3| Homo sapiens zinc finger protein 813 (ZNF813), mRNA;  
 gi|146149344|ref|NM\_001029955.3| Homo sapiens DDB1 and CUL4 associated factor 4-like 1 (DCAF4L1), n  
 gi|146198548|ref|NM\_001085437.1| Homo sapiens chromosome 2 open reading frame 54 (C2orf54), trans  
 gi|146198574|ref|NM\_032385.3| Homo sapiens chromosome 5 open reading frame 4 (C5orf4), mRNA;  
 gi|146198637|ref|NR\_003525.1| Homo sapiens leucine rich repeat containing 37, member A6, pseudogene  
 gi|146198639|ref|NM\_024307.2| Homo sapiens glycerophosphodiester phosphodiesterase domain contain  
 gi|146198653|ref|NM\_024671.3| Homo sapiens zinc finger protein 768 (ZNF768), mRNA;  
 gi|146198665|ref|NM\_001039165.2| Homo sapiens MAS-related GPR, member E (MRGPRE), mRNA;  
 gi|146198734|ref|NM\_178352.2| Homo sapiens late cornified envelope 1D (LCE1D), mRNA;  
 gi|146198776|ref|NM\_001003937.2| Homo sapiens TSPY-like 6 (TSPYL6), mRNA;  
 gi|146198863|ref|NM\_198404.2| Homo sapiens potassium channel tetramerisation domain containing 4 (K  
 gi|146198875|ref|NM\_001023561.2| Homo sapiens zinc finger protein 749 (ZNF749), mRNA;  
 gi|146219831|ref|NM\_182493.2| Homo sapiens myosin light chain kinase 3 (MYLK3), mRNA;  
 gi|146219840|ref|NM\_020709.1| Homo sapiens paraneoplastic Ma antigen family-like 2 (PNMAL2), mRNA;  
 gi|146219842|ref|NM\_006662.2| Homo sapiens Snf2-related CREBBP activator protein (SRCAP), mRNA;  
 gi|146219854|ref|NM\_203303.2| Homo sapiens zinc finger, CCHC domain containing 13 (ZCCHC13), mRNA;  
 gi|146229332|ref|NM\_001085423.1| Homo sapiens mast cell immunoglobulin-like receptor 1 (MILR1), mRN  
 gi|146229334|ref|NM\_001085430.1| Homo sapiens chromosome 17 open reading frame 67 (C17orf67), m  
 gi|146229337|ref|NM\_033183.2| Homo sapiens chorionic gonadotropin, beta polypeptide 8 (CGB8), mRNA



gi|146229338|ref|NM\_002387.2| Homo sapiens mutated in colorectal cancers (MCC), transcript variant 2, r  
 gi|146229345|ref|NM\_003602.3| Homo sapiens FK506 binding protein 6, 36kDa (FKBP6), transcript variant  
 gi|146229351|ref|NM\_001085429.1| Homo sapiens transmembrane protein 213 (TMEM213), mRNA;  
 gi|146229353|ref|NM\_001085420.1| Homo sapiens phospholipid scramblase family, member 5 (PLSCR5), n  
 gi|146231949|ref|NM\_144683.3| Homo sapiens dehydrogenase/reductase (SDR family) member 13 (DHRS:  
 gi|146231951|ref|NM\_001085457.1| Homo sapiens COBW domain containing 6 (CBWD6), mRNA;  
 gi|146231957|ref|NM\_001085452.1| Homo sapiens family with sequence similarity 75, member A1 (FAM7:  
 gi|146231965|ref|NM\_001015072.3| Homo sapiens UFM1-specific peptidase 1 (non-functional) (UFSP1), m  
 gi|146231967|ref|NM\_001085461.1| Homo sapiens catenin (cadherin-associated protein), delta 1 (CTNND1  
 gi|146231981|ref|NM\_005197.3| Homo sapiens forkhead box N3 (FOXN3), transcript variant 2, mRNA; gi|1  
 gi|146231997|ref|NM\_001085454.1| Homo sapiens G protein-coupled receptor kinase interacting ArfGAP 1  
 gi|146260267|ref|NM\_144775.2| Homo sapiens Smith-Magenis syndrome chromosome region, candidate 8  
 gi|146260269|ref|NM\_201559.2| Homo sapiens forkhead box O3 (FOXO3), transcript variant 2, mRNA; gi|1  
 gi|146260270|ref|NM\_001085447.1| Homo sapiens chromosome 2 open reading frame 77 (C2orf77), mRN  
 gi|146260272|ref|NM\_001085451.1| Homo sapiens leukemia NUP98 fusion partner 1 (LNP1), mRNA;  
 gi|146261164|ref|NM\_001085474.1| Homo sapiens phospholipase inhibitor (LOC646627), mRNA;  
 gi|146261995|ref|NM\_001001711.2| Homo sapiens DNA-damage inducible 1 homolog 1 (*S. cerevisiae*) (DD  
 gi|146262004|ref|NM\_178561.4| Homo sapiens CTAGE family, member 6, pseudogene (CTAGE6P), mRNA;  
 gi|146262006|ref|NM\_001085476.1| Homo sapiens forkhead box D4-like 6 (FOXD4L6), mRNA;  
 gi|14670361|ref|NM\_032050.1| Homo sapiens POZ (BTB) and AT hook containing zinc finger 1 (PATZ1), tra  
 gi|14670374|ref|NM\_015894.2| Homo sapiens stathmin-like 3 (STMN3), mRNA;  
 gi|14702179|ref|NM\_031992.1| Homo sapiens eukaryotic translation initiation factor 4H (EIF4H), transcript  
 gi|14717399|ref|NM\_031883.2| Homo sapiens protocadherin alpha subfamily C, 2 (PCDHAC2), transcript va  
 gi|14717402|ref|NM\_031882.2| Homo sapiens protocadherin alpha subfamily C, 1 (PCDHAC1), transcript va  
 gi|14717406|ref|NM\_005642.2| Homo sapiens TAF7 RNA polymerase II, TATA box binding protein (TBP)-ass  
 gi|147898645|ref|NM\_005300.3| Homo sapiens G protein-coupled receptor 34 (GPR34), transcript variant :  
 gi|147899154|ref|NM\_183005.3| Homo sapiens ribonuclease P/MRP 38kDa subunit (RPP38), transcript vari  
 gi|147899793|ref|NM\_018679.4| Homo sapiens t-complex 11 homolog (mouse) (TCP11), transcript variant  
 gi|147899824|ref|NM\_001665.3| Homo sapiens ras homolog family member G (RHOG), mRNA;  
 gi|147900222|ref|NM\_001086521.1| Homo sapiens chromosome 17 open reading frame 89 (C17orf89), m  
 gi|147900820|ref|NM\_001013660.2| Homo sapiens ferric-chelate reductase 1 (FRRS1), mRNA;  
 gi|147901461|ref|NM\_001098169.1| Homo sapiens brain-specific homeobox (BSX), mRNA;  
 gi|147901657|ref|NM\_021979.3| Homo sapiens heat shock 70kDa protein 2 (HSPA2), mRNA;  
 gi|14790189|ref|NM\_015001.2| Homo sapiens spen homolog, transcriptional regulator (*Drosophila*) (SPEN)  
 gi|147902149|ref|NR\_003554.1| Homo sapiens ubiquitin specific peptidase 32 pseudogene 2 (USP32P2), nc  
 gi|147902745|ref|NM\_001093725.1| Homo sapiens mex-3 homolog A (*C. elegans*) (MEX3A), mRNA;  
 gi|147903291|ref|NM\_207322.2| Homo sapiens C2 calcium-dependent domain containing 4A (C2CD4A), ml  
 gi|147904263|ref|NM\_032834.3| Homo sapiens asparagine-linked glycosylation 10, alpha-1,2-glucosyltrans  
 gi|147904339|ref|NM\_025222.3| Homo sapiens WD repeat domain 82 (WDR82), mRNA;  
 gi|147904699|ref|NM\_003966.2| Homo sapiens sema domain, seven thrombospondin repeats (type 1 and  
 gi|147905322|ref|NM\_005416.2| Homo sapiens small proline-rich protein 3 (SPRR3), transcript variant 1, m  
 gi|147905591|ref|NM\_001093729.1| Homo sapiens coiled-coil domain containing 102B (CCDC102B), transc  
 gi|147905619|ref|NM\_020227.2| Homo sapiens PR domain containing 9 (PRDM9), mRNA;  
 gi|147905699|ref|NM\_001098175.1| Homo sapiens ectonucleoside triphosphate diphosphohydrolase 1 (EN  
 gi|147906121|ref|NM\_001097622.1| Homo sapiens oncomodulin (OCM), mRNA;  
 gi|147907089|ref|NM\_001005203.2| Homo sapiens olfactory receptor, family 8, subfamily S, member 1 (OI  
 gi|148005038|ref|NM\_001093772.1| Homo sapiens v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene

gi|148224155|ref|NM\_025246.2| Homo sapiens solute carrier family 35, member G2 (SLC35G2), transcript  
 gi|148225708|ref|NR\_003539.1| Homo sapiens bromodomain, testis-specific pseudogene (LOC643486), no  
 gi|148226060|ref|NM\_006945.4| Homo sapiens small proline-rich protein 2D (SPRR2D), mRNA;  
 gi|148226287|ref|NM\_207510.3| Homo sapiens lipocalin-like 1 (LCNL1), mRNA;  
 gi|148226323|ref|NM\_001010915.3| Homo sapiens protein tyrosine phosphatase-like A domain containing  
 gi|148227043|ref|NM\_006495.3| Homo sapiens ecotropic viral integration site 2B (EVI2B), mRNA;  
 gi|148228292|ref|NM\_001002919.2| Homo sapiens family with sequence similarity 150, member B (FAM15  
 gi|148228694|ref|NM\_005279.3| Homo sapiens G protein-coupled receptor 1 (GPR1), transcript variant 1, i  
 gi|148229010|ref|NR\_003558.1| Homo sapiens WW domain binding protein 11 pseudogene 1 (WBP11P1),  
 gi|148229438|ref|NM\_001005162.2| Homo sapiens olfactory receptor, family 52, subfamily B, member 6 (C  
 gi|148229480|ref|NM\_001080446.2| Homo sapiens chromosome 11 open reading frame 94 (C11orf94), mF  
 gi|148229490|ref|NM\_001089591.1| Homo sapiens ubiquinol-cytochrome c reductase hinge protein-like (L  
 gi|148229915|ref|NM\_006497.3| Homo sapiens hypermethylated in cancer 1 (HIC1), transcript variant 1, m  
 gi|148229976|ref|NM\_001093767.1| Homo sapiens family with sequence similarity 195, member B (FAM19  
 gi|148230342|ref|NM\_016334.3| Homo sapiens G protein-coupled receptor 89B (GPR89B), mRNA;  
 gi|148230774|ref|NM\_153835.3| Homo sapiens G protein-coupled receptor 113 (GPR113), transcript variat  
 gi|148231306|ref|NM\_004310.3| Homo sapiens ras homolog family member H (RHOH), mRNA;  
 gi|148231467|ref|NM\_207410.2| Homo sapiens GDNF family receptor alpha like (GFRAL), mRNA;  
 gi|148232432|ref|NM\_001085488.1| Homo sapiens transmembrane protein 150B (TMEM150B), mRNA;  
 gi|148233337|ref|NM\_001098209.1| Homo sapiens catenin (cadherin-associated protein), beta 1, 88kDa (C  
 gi|148233641|ref|NM\_175900.3| Homo sapiens chromosome 16 open reading frame 54 (C16orf54), mRNA  
 gi|148233911|ref|NM\_031909.2| Homo sapiens C1q and tumor necrosis factor related protein 4 (C1QTNF4  
 gi|148234039|ref|NM\_001004760.2| Homo sapiens olfactory receptor, family 51, subfamily V, member 1 (C  
 gi|148234214|ref|NM\_207398.2| Homo sapiens guanylate binding protein 7 (GBP7), mRNA;  
 gi|148234740|ref|NM\_001097616.1| Homo sapiens G protein-coupled receptor 89C (GPR89C), mRNA;  
 gi|148235001|ref|NM\_178571.4| Homo sapiens TBC1 domain family, member 26 (TBC1D26), mRNA;  
 gi|148235211|ref|NM\_003681.4| Homo sapiens pyridoxal (pyridoxine, vitamin B6) kinase (PDXK), mRNA;  
 gi|148235348|ref|NM\_001098200.1| Homo sapiens G protein-coupled receptor 18 (GPR18), transcript vari  
 gi|148235366|ref|NM\_001097643.1| Homo sapiens taste receptor, type 2, member 30 (TAS2R30), mRNA;  
 gi|148235698|ref|NM\_020459.1| Homo sapiens poly(A) binding protein interacting protein 2B (PAIP2B), mF  
 gi|148235822|ref|NM\_001097611.1| Homo sapiens kinocilin (KNCN), mRNA;  
 gi|148236530|ref|NM\_178553.3| Homo sapiens chromosome 2 open reading frame 53 (C2orf53), mRNA;  
 gi|148237497|ref|NM\_015177.1| Homo sapiens deltex homolog 4 (Drosophila) (DTX4), mRNA;  
 gi|148237621|ref|NR\_003551.1| Homo sapiens dpy-19-like 2 pseudogene 4 (C. elegans) (DPY19L2P4), non-c  
 gi|148237772|ref|NR\_003542.1| Homo sapiens proteoglycan 3 pseudogene (SLED1), non-coding RNA;  
 gi|148271089|ref|NM\_014337.3| Homo sapiens peptidylprolyl isomerase (cyclophilin)-like 2 (PPIL2), transcr  
 gi|148271099|ref|NM\_001098173.1| Homo sapiens PR domain containing 7 (PRDM7), transcript variant 1,  
 gi|148271103|ref|NM\_173495.2| Homo sapiens patched domain containing 1 (PTCHD1), mRNA;  
 gi|148276975|ref|NM\_153051.2| Homo sapiens myotubularin related protein 3 (MTMR3), transcript varian  
 gi|148276976|ref|NM\_004988.4| Homo sapiens melanoma antigen family A, 1 (directs expression of antige  
 gi|148276978|ref|NM\_001034172.2| Homo sapiens solute carrier family 25, member 52 (SLC25A52), nucle  
 gi|148276980|ref|NM\_001097620.1| Homo sapiens transmembrane protein 184A (TMEM184A), mRNA;  
 gi|148276989|ref|NM\_001080412.2| Homo sapiens zinc finger and BTB domain containing 38 (ZBTB38), mF  
 gi|148276997|ref|NM\_033113.2| Homo sapiens zinc finger protein 628 (ZNF628), mRNA;  
 gi|148277003|ref|NM\_001093756.1| Homo sapiens chromosome 5 open reading frame 44 (C5orf44), trans  
 gi|148277013|ref|NM\_001097641.1| Homo sapiens fucosyltransferase 3 (galactoside 3(4)-L-fucosyltransfer  
 gi|148277030|ref|NM\_001097634.1| Homo sapiens glucosaminyl (N-acetyl) transferase 1, core 2 (GCNT1),

gi|148277036|ref|NM\_014911.3| Homo sapiens AP2 associated kinase 1 (AAK1), mRNA;  
 gi|148277040|ref|NM\_000678.3| Homo sapiens adrenergic, alpha-1D-, receptor (ADRA1D), mRNA;  
 gi|148277041|ref|NM\_138448.3| Homo sapiens acylphosphatase 2, muscle type (ACYP2), mRNA;  
 gi|148277049|ref|NM\_000055.2| Homo sapiens butyrylcholinesterase (BCHE), mRNA;  
 gi|148277059|ref|NM\_018941.3| Homo sapiens ceroid-lipofuscinosis, neuronal 8 (epilepsy, progressive wit  
 gi|148277074|ref|NM\_003214.3| Homo sapiens TEA domain family member 3 (TEAD3), mRNA;  
 gi|148277093|ref|NM\_001362.3| Homo sapiens deiodinase, iodothyronine, type III (DIO3), mRNA;  
 gi|148277101|ref|NM\_001085455.1| Homo sapiens keratin associated protein 24-1 (KRTAP24-1), mRNA;  
 gi|148277110|ref|NM\_006188.3| Homo sapiens oncomodulin 2 (OCM2), mRNA;  
 gi|148277547|ref|NM\_001085481.1| Homo sapiens microtubule-associated protein 1 light chain 3 beta 2 (l  
 gi|148277549|ref|NM\_002237.3| Homo sapiens potassium voltage-gated channel, subfamily G, member 1 (l  
 gi|148277594|ref|NM\_000866.3| Homo sapiens 5-hydroxytryptamine (serotonin) receptor 1F, G protein-co  
 gi|148277605|ref|NM\_000686.4| Homo sapiens angiotensin II receptor, type 2 (AGTR2), mRNA;  
 gi|148277619|ref|NM\_213656.3| Homo sapiens keratin 39 (KRT39), mRNA;  
 gi|148283740|ref|NM\_001663.3| Homo sapiens ADP-ribosylation factor 6 (ARF6), mRNA;  
 gi|148298657|ref|NM\_002089.3| Homo sapiens chemokine (C-X-C motif) ligand 2 (CXCL2), mRNA;  
 gi|148298763|ref|NM\_002130.6| Homo sapiens 3-hydroxy-3-methylglutaryl-CoA synthase 1 (soluble) (HMC  
 gi|148470403|ref|NM\_001098204.1| Homo sapiens heterogeneous nuclear ribonucleoprotein F (HNRNPF),  
 gi|148491056|ref|NM\_014617.3| Homo sapiens crystallin, gamma A (CRYGA), mRNA;  
 gi|148491061|ref|NM\_001098406.1| Homo sapiens G antigen 12J (GAGE12J), mRNA;  
 gi|148491063|ref|NM\_001098409.1| Homo sapiens G antigen 12G (GAGE12G), mRNA;  
 gi|148491069|ref|NM\_001905.2| Homo sapiens CTP synthase (CTPS), mRNA;  
 gi|148491073|ref|NM\_005210.3| Homo sapiens crystallin, gamma B (CRYGB), mRNA;  
 gi|148491075|ref|NM\_001098407.1| Homo sapiens G antigen 2D (GAGE2D), mRNA;  
 gi|148491077|ref|NM\_001098405.1| Homo sapiens G antigen 12F (GAGE12F), mRNA;  
 gi|148491083|ref|NM\_001098410.1| Homo sapiens G antigen 12H (GAGE12H), mRNA;  
 gi|148491087|ref|NM\_001098402.1| Homo sapiens zinc finger protein 295 (ZNF295), transcript variant 1, n  
 gi|148491090|ref|NM\_013386.3| Homo sapiens solute carrier family 25 (mitochondrial carrier; phosphate c  
 gi|148491100|ref|NM\_001098408.1| Homo sapiens G antigen 12C (GAGE12C), mRNA;  
 gi|148491102|ref|NM\_005212.2| Homo sapiens casein kappa (CSN3), mRNA;  
 gi|148528974|ref|NM\_198461.3| Homo sapiens LON peptidase N-terminal domain and ring finger 2 (LONRF  
 gi|148528976|ref|NM\_001098412.1| Homo sapiens G antigen 13 (GAGE13), mRNA;  
 gi|148528983|ref|NM\_016089.2| Homo sapiens zinc finger protein 589 (ZNF589), mRNA;  
 gi|148528997|ref|NM\_005509.4| Homo sapiens Dmx-like 1 (DMXL1), mRNA;  
 gi|148528999|ref|NM\_014618.2| Homo sapiens deleted in bladder cancer 1 (DBC1), mRNA;  
 gi|148529002|ref|NM\_001098418.1| Homo sapiens G antigen 12E (GAGE12E), mRNA;  
 gi|148529008|ref|NM\_001916.3| Homo sapiens cytochrome c-1 (CYC1), nuclear gene encoding mitochondr  
 gi|148529013|ref|NM\_001923.3| Homo sapiens damage-specific DNA binding protein 1, 127kDa (DDB1), m  
 gi|148529015|ref|NM\_001098414.1| Homo sapiens zinc finger protein 621 (ZNF621), transcript variant 2, n  
 gi|148529022|ref|NM\_032182.3| Homo sapiens family with sequence similarity 175, member B (FAM175B)  
 gi|148529024|ref|NM\_052909.3| Homo sapiens pleckstrin homology domain containing, family G (with Rho  
 gi|148529027|ref|NM\_181489.5| Homo sapiens zinc finger protein 445 (ZNF445), mRNA;  
 gi|148536824|ref|NM\_001845.4| Homo sapiens collagen, type IV, alpha 1 (COL4A1), mRNA;  
 gi|148536826|ref|NM\_033641.2| Homo sapiens collagen, type IV, alpha 6 (COL4A6), transcript variant B, m  
 gi|148536829|ref|NM\_004036.3| Homo sapiens adenylate cyclase 3 (ADCY3), mRNA;  
 gi|148536831|ref|NM\_001283.3| Homo sapiens adaptor-related protein complex 1, sigma 1 subunit (AP1S1  
 gi|148536833|ref|NM\_001695.4| Homo sapiens ATPase, H<sup>+</sup> transporting, lysosomal 42kDa, V1 subunit C1 (

gi|148536838|ref|NM\_194450.2| Homo sapiens C-type lectin domain family 4, member A (CLEC4A), transcr

gi|148536845|ref|NM\_023035.2| Homo sapiens calcium channel, voltage-dependent, P/Q type, alpha 1A su

gi|148536847|ref|NM\_001807.3| Homo sapiens carboxyl ester lipase (bile salt-stimulated lipase) (CEL), mRI

gi|148536854|ref|NM\_001098398.1| Homo sapiens coatomer protein complex, subunit alpha (COPA), tran

gi|148536857|ref|NM\_004390.3| Homo sapiens cathepsin H (CTSH), mRNA;

gi|148536860|ref|NM\_006933.4| Homo sapiens solute carrier family 5 (sodium/myo-inositol cotransporter

gi|148536863|ref|NM\_001098426.1| Homo sapiens SWI/SNF related, matrix associated, actin dependent re

gi|148536874|ref|NM\_013955.2| Homo sapiens NADPH oxidase 1 (NOX1), transcript variant NOH-1Lv, mRN

gi|148536875|ref|NM\_003889.3| Homo sapiens nuclear receptor subfamily 1, group I, member 2 (NR1I2), t

gi|148539553|ref|NM\_194294.2| Homo sapiens indoleamine 2,3-dioxygenase 2 (IDO2), mRNA;

gi|148539559|ref|NR\_003563.1| Homo sapiens phosphatidylinositol 4-kinase, catalytic, alpha pseudogene :

gi|148539589|ref|NM\_001014342.2| Homo sapiens filaggrin family member 2 (FLG2), mRNA;

gi|148539590|ref|NM\_017759.4| Homo sapiens INO80 complex subunit D (INO80D), mRNA;

gi|148539592|ref|NM\_017982.3| Homo sapiens sushi domain containing 4 (SUSD4), transcript variant 1, ml

gi|148539599|ref|NM\_019050.2| Homo sapiens ubiquitin specific peptidase 53 (USP53), mRNA;

gi|148539617|ref|NR\_003366.2| Homo sapiens ankyrin repeat domain 20 family, member A8, pseudogene

gi|148539641|ref|NM\_017758.3| Homo sapiens alkB, alkylation repair homolog 5 (E. coli) (ALKBH5), mRNA;

gi|148539836|ref|NM\_001917.4| Homo sapiens D-amino-acid oxidase (DAO), mRNA;

gi|148539841|ref|NM\_007329.2| Homo sapiens deleted in malignant brain tumors 1 (DMBT1), transcript va

gi|148539847|ref|NM\_024423.2| Homo sapiens desmocollin 3 (DSC3), transcript variant Dsc3b, mRNA; gi|1

gi|148539852|ref|NM\_133180.2| Homo sapiens EPS8-like 1 (EPS8L1), transcript variant 1, mRNA; gi|14853

gi|148539857|ref|NM\_133170.3| Homo sapiens protein tyrosine phosphatase, receptor type, T (PTPRT), tra

gi|148539871|ref|NM\_005891.2| Homo sapiens acetyl-CoA acetyltransferase 2 (ACAT2), mRNA;

gi|148539875|ref|NM\_001619.3| Homo sapiens adrenergic, beta, receptor kinase 1 (ADRBK1), mRNA;

gi|148539878|ref|NM\_005160.3| Homo sapiens adrenergic, beta, receptor kinase 2 (ADRBK2), mRNA;

gi|148539885|ref|NM\_022893.3| Homo sapiens B-cell CLL/lymphoma 11A (zinc finger protein) (BCL11A), tr

gi|148539887|ref|NM\_002409.4| Homo sapiens mannosyl (beta-1,4-)-glycoprotein beta-1,4-N-acetylglucos

gi|148539893|ref|NM\_001098268.1| Homo sapiens ligase IV, DNA, ATP-dependent (LIG4), transcript varian

gi|148539939|ref|NM\_003435.3| Homo sapiens zinc finger protein 134 (ZNF134), mRNA;

gi|148540037|ref|NM\_001017927.2| Homo sapiens chromosome 2 open reading frame 76 (C2orf76), mRN.

gi|148540126|ref|NM\_173538.2| Homo sapiens cyclic nucleotide binding domain containing 1 (CNBD1), mF

gi|148540132|ref|NM\_001007122.2| Homo sapiens fibronectin type III and SPRY domain containing 2 (FSD:

gi|148596916|ref|NM\_145235.3| Homo sapiens fibronectin type III and ankyrin repeat domains 1 (FANK1),

gi|148596918|ref|NM\_199450.2| Homo sapiens zinc finger protein 365 (ZNF365), transcript variant B, mRN

gi|148596929|ref|NM\_019054.2| Homo sapiens family with sequence similarity 35, member A (FAM35A), n

gi|148596935|ref|NM\_017902.2| Homo sapiens hypoxia inducible factor 1, alpha subunit inhibitor (HIF1AN

gi|148596937|ref|NM\_024906.2| Homo sapiens stearoyl-CoA desaturase 5 (SCD5), transcript variant 2, mRI

gi|148596940|ref|NM\_007026.2| Homo sapiens dual specificity phosphatase 14 (DUSP14), mRNA;

gi|148596946|ref|NM\_001098483.1| Homo sapiens chromosome 10 open reading frame 125 (C10orf125),

gi|148596948|ref|NM\_004741.3| Homo sapiens nucleolar and coiled-body phosphoprotein 1 (NOLC1), mRN

gi|148596952|ref|NM\_019004.1| Homo sapiens ankyrin repeat and IBR domain containing 1 (ANKIB1), mRN

gi|148596956|ref|NM\_000256.3| Homo sapiens myosin binding protein C, cardiac (MYBPC3), mRNA;

gi|148596964|ref|NM\_015321.2| Homo sapiens CREB regulated transcription coactivator 1 (CRTC1), transcr

gi|148596967|ref|NM\_030912.2| Homo sapiens tripartite motif containing 8 (TRIM8), mRNA;

gi|148596973|ref|NM\_003328.2| Homo sapiens TXK tyrosine kinase (TXK), mRNA;

gi|148596976|ref|NM\_145238.3| Homo sapiens zinc finger and SCAN domain containing 20 (ZSCAN20), mR

gi|148596989|ref|NM\_015960.2| Homo sapiens cutC copper transporter homolog (E. coli) (CUTC), mRNA;

gi|148596991|ref|NM\_052947.3| Homo sapiens alpha-kinase 2 (ALPK2), mRNA;  
 gi|148596993|ref|NM\_006985.2| Homo sapiens nuclear pore complex interacting protein (NP1P), mRNA;  
 gi|148596995|ref|NM\_024040.2| Homo sapiens CUE domain containing 2 (CUEDC2), mRNA;  
 gi|148596997|ref|NM\_144974.3| Homo sapiens coiled-coil domain containing 122 (CCDC122), mRNA;  
 gi|148612792|ref|NM\_001098506.1| Homo sapiens carcinoembryonic antigen-related cell adhesion molecu  
 gi|148612799|ref|NM\_133454.2| Homo sapiens small G protein signaling modulator 1 (SGSM1), transcript v  
 gi|148612800|ref|NM\_014895.2| Homo sapiens KIAA1009 (KIAA1009), mRNA;  
 gi|148612802|ref|NM\_175053.3| Homo sapiens keratin 74 (KRT74), mRNA;  
 gi|148612804|ref|NM\_017439.3| Homo sapiens pigeon homolog (Drosophila) (PION), mRNA;  
 gi|148612806|ref|NM\_033468.2| Homo sapiens zinc finger protein 257 (ZNF257), mRNA;  
 gi|148612810|ref|NM\_153210.3| Homo sapiens ubiquitin specific peptidase 43 (USP43), mRNA;  
 gi|148612812|ref|NM\_001098500.1| Homo sapiens KIAA1217 (KIAA1217), transcript variant 2, mRNA; gi|1  
 gi|148612820|ref|NM\_031956.2| Homo sapiens tetratricopeptide repeat domain 29 (TTC29), mRNA;  
 gi|148612824|ref|NM\_018059.4| Homo sapiens Ras association and DIL domains (RADIL), mRNA;  
 gi|148612828|ref|NM\_001098509.1| Homo sapiens small G protein signaling modulator 2 (SGSM2), transcr  
 gi|148612830|ref|NM\_031217.3| Homo sapiens kinesin family member 18A (KIF18A), mRNA;  
 gi|148612836|ref|NM\_015531.4| Homo sapiens C2 calcium-dependent domain containing 3 (C2CD3), mRNA.  
 gi|148612837|ref|NM\_001017969.2| Homo sapiens KIAA2026 (KIAA2026), mRNA;  
 gi|148612841|ref|NM\_021034.2| Homo sapiens interferon induced transmembrane protein 3 (IFITM3), mR  
 gi|148612845|ref|NM\_014751.4| Homo sapiens metastasis suppressor 1 (MTSS1), mRNA;  
 gi|148612852|ref|NM\_018358.2| Homo sapiens ATP-binding cassette, sub-family F (GCN20), member 3 (AB  
 gi|148612858|ref|NM\_001098502.1| Homo sapiens coiled-coil-helix-coiled-coil-helix domain containing 4 (I  
 gi|148612860|ref|NM\_024691.3| Homo sapiens zinc finger protein 419 (ZNF419), transcript variant 2, mRN  
 gi|148612878|ref|NM\_024947.3| Homo sapiens polyhomeotic homolog 3 (Drosophila) (PHC3), mRNA;  
 gi|148612889|ref|NM\_080743.4| Homo sapiens serine/arginine-rich splicing factor 12 (SRSF12), mRNA;  
 gi|148613855|ref|NM\_001098504.1| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box helicase 17 (DDX17), trans  
 gi|148613865|ref|NM\_001098475.1| Homo sapiens tudor domain containing 10 (TDRD10), transcript varia  
 gi|148613867|ref|NM\_016381.3| Homo sapiens three prime repair exonuclease 1 (TREX1), transcript varia  
 gi|148613875|ref|NM\_144715.3| Homo sapiens EF-hand domain family, member B (EFHB), mRNA;  
 gi|148613877|ref|NM\_001097.2| Homo sapiens acrosin (ACR), mRNA;  
 gi|148613879|ref|NM\_152450.2| Homo sapiens family with sequence similarity 81, member A (FAM81A), n  
 gi|148613881|ref|NM\_002141.4| Homo sapiens homeobox A4 (HOXA4), mRNA;  
 gi|148613883|ref|NM\_004822.2| Homo sapiens netrin 1 (NTN1), mRNA;  
 gi|148613885|ref|NM\_022841.5| Homo sapiens regulatory factor X, 7 (RFX7), mRNA;  
 gi|148664182|ref|NM\_173662.2| Homo sapiens ring finger protein 175 (RNF175), mRNA;  
 gi|148664183|ref|NM\_001039752.3| Homo sapiens solute carrier family 22, member 10 (SLC22A10), mRNA/  
 gi|148664187|ref|NM\_152759.4| Homo sapiens leucine rich repeat containing 43 (LRRC43), transcript varia  
 gi|148664189|ref|NM\_014333.3| Homo sapiens cell adhesion molecule 1 (CADM1), transcript variant 1, mF  
 gi|148664191|ref|NM\_001040011.1| Homo sapiens SWI5 recombination repair homolog (yeast) (SWI5), mF  
 gi|148664200|ref|NM\_001098525.1| Homo sapiens cytoskeleton associated protein 2 (CKAP2), transcript v  
 gi|148664204|ref|NM\_138961.2| Homo sapiens endothelial cell adhesion molecule (ESAM), mRNA;  
 gi|148664206|ref|NM\_001098526.1| Homo sapiens adhesion molecule, interacts with CXADR antigen 1 (AM  
 gi|148664208|ref|NM\_152467.3| Homo sapiens kelch-like 10 (Drosophila) (KLHL10), mRNA;  
 gi|148664215|ref|NM\_152608.3| Homo sapiens chromosome 1 open reading frame 55 (C1orf55), mRNA;  
 gi|148664219|ref|NM\_145015.4| Homo sapiens MAS-related GPR, member F (MRGPRF), transcript variant  
 gi|148664221|ref|NM\_182592.2| Homo sapiens Yip1 domain family, member 7 (YIPF7), mRNA;  
 gi|148664225|ref|NM\_004572.3| Homo sapiens plakophilin 2 (PKP2), transcript variant 2b, mRNA; gi|14866

gi|148664227|ref|NM\_198841.2| Homo sapiens family with sequence similarity 120A opposite strand (FAM120A), mRNA;  
 gi|148664229|ref|NM\_015114.1| Homo sapiens ankyrin repeat and LEM domain containing 2 (ANKLE2), mRNA;  
 gi|148664235|ref|NM\_001098524.1| Homo sapiens family with sequence similarity 129, member C (FAM129C), mRNA;  
 gi|148664237|ref|NM\_145004.5| Homo sapiens ADAM metalloproteinase domain 32 (ADAM32), mRNA;  
 gi|148664245|ref|NM\_145865.2| Homo sapiens ankyrin repeat and sterile alpha motif domain containing 4 (ANKRD4), mRNA;  
 gi|148664247|ref|NM\_207335.2| Homo sapiens kelch repeat and BTB (POZ) domain containing 12 (KBTBD12), mRNA;  
 gi|148719672|ref|NM\_015234.4| Homo sapiens G protein-coupled receptor 116 (GPR116), transcript variant 1, mRNA;  
 gi|148727258|ref|NM\_001011552.3| Homo sapiens solute carrier family 9, subfamily A (NHE4, cation proton symporter), mRNA;  
 gi|148727263|ref|NM\_174937.3| Homo sapiens transcription elongation regulator 1-like (TCERG1L), mRNA;  
 gi|148727277|ref|NM\_001013659.2| Homo sapiens zinc finger protein 793 (ZNF793), mRNA;  
 gi|148727287|ref|NM\_002336.2| Homo sapiens low density lipoprotein receptor-related protein 6 (LRP6), mRNA;  
 gi|148727297|ref|NM\_198688.2| Homo sapiens keratin associated protein 10-6 (KRTAP10-6), mRNA;  
 gi|148727310|ref|NM\_207414.2| Homo sapiens FLJ43860 protein (FLJ43860), mRNA;  
 gi|148727314|ref|NM\_173574.2| Homo sapiens zinc finger protein 683 (ZNF683), transcript variant 2, mRNA;  
 gi|148727318|ref|NM\_001098529.1| Homo sapiens thioredoxin domain containing 2 (spermatozoa) (TXND2), mRNA;  
 gi|148727330|ref|NM\_001098536.1| Homo sapiens ubiquitin specific peptidase 5 (isopeptidase T) (USP5), transcript variant 1, mRNA;  
 gi|148727332|ref|NM\_152327.2| Homo sapiens adenylate kinase 7 (AK7), mRNA;  
 gi|148727334|ref|NM\_001098537.1| Homo sapiens patatin-like phospholipase domain containing 7 (PNPLA7), mRNA;  
 gi|148727340|ref|NM\_007178.3| Homo sapiens serine/threonine kinase receptor associated protein (STRAP), mRNA;  
 gi|148727344|ref|NM\_198697.2| Homo sapiens keratin associated protein 12-3 (KRTAP12-3), mRNA;  
 gi|148727350|ref|NM\_201453.2| Homo sapiens COBW domain containing 3 (CBWD3), mRNA;  
 gi|148727367|ref|NM\_015695.2| Homo sapiens bromodomain and PHD finger containing, 3 (BRPF3), mRNA;  
 gi|148727369|ref|NM\_203434.2| Homo sapiens immediate early response 5-like (IER5L), mRNA;  
 gi|148728161|ref|NM\_002843.3| Homo sapiens protein tyrosine phosphatase, receptor type, J (PTPRJ), transcript variant 1, mRNA;  
 gi|148728169|ref|NM\_001098523.1| Homo sapiens HIV-1 Tat interactive protein 2, 30kDa (HTATIP2), transcript variant 1, mRNA;  
 gi|148728187|ref|NM\_002208.4| Homo sapiens integrin, alpha E (antigen CD103, human mucosal lymphocyte antigen 3), mRNA;  
 gi|148728189|ref|NM\_002035.2| Homo sapiens 3-ketodihydrosphingosine reductase (KDSR), mRNA;  
 gi|148743775|ref|NM\_182546.2| Homo sapiens V-set and transmembrane domain containing 2A (VSTM2A), mRNA;  
 gi|148743781|ref|NM\_181272.2| Homo sapiens CKLF-like MARVEL transmembrane domain containing 1 (CCKL1), mRNA;  
 gi|148743789|ref|NM\_012184.4| Homo sapiens forkhead box D4-like 1 (FOXD4L1), mRNA;  
 gi|148743790|ref|NM\_001098486.1| Homo sapiens solute carrier family 17 (sodium phosphate), member 3 (SLC17A3), mRNA;  
 gi|148743792|ref|NM\_002546.3| Homo sapiens tumor necrosis factor receptor superfamily, member 11b (TNFRSF11B), mRNA;  
 gi|148746180|ref|NM\_001098576.1| Homo sapiens transmembrane BAX inhibitor motif containing 6 (TM6), mRNA;  
 gi|148746188|ref|NM\_003829.3| Homo sapiens multiple PDZ domain protein (MPDZ), mRNA;  
 gi|148746190|ref|NM\_058165.2| Homo sapiens monoacylglycerol O-acyltransferase 1 (MOGAT1), mRNA;  
 gi|148746194|ref|NM\_007113.2| Homo sapiens trichohyalin (TCHH), mRNA;  
 gi|148746207|ref|NM\_001417.4| Homo sapiens eukaryotic translation initiation factor 4B (EIF4B), mRNA;  
 gi|148746210|ref|NM\_145285.2| Homo sapiens NK2 homeobox 3 (NKX2-3), mRNA;  
 gi|148746212|ref|NM\_025184.3| Homo sapiens EF-hand domain (C-terminal) containing 2 (EFHC2), mRNA;  
 gi|148746215|ref|NM\_018113.2| Homo sapiens limb region 1 homolog (mouse)-like (LMBR1L), mRNA;  
 gi|148746217|ref|NM\_016281.3| Homo sapiens TAO kinase 3 (TAOK3), mRNA;  
 gi|148746219|ref|NM\_023071.3| Homo sapiens spermatogenesis associated, serine-rich 2 (SPATS2), mRNA;  
 gi|148747229|ref|NM\_182513.2| Homo sapiens SPC24, NDC80 kinetochore complex component, homolog 1, mRNA;  
 gi|148747246|ref|NM\_001010886.3| Homo sapiens colipase-like 1 (CLPSL1), mRNA;  
 gi|148747372|ref|NM\_173528.2| Homo sapiens chromosome 15 open reading frame 26 (C15orf26), mRNA;  
 gi|148747396|ref|NM\_198989.2| Homo sapiens deleted in lymphocytic leukemia, 7 (DLEU7), mRNA;  
 gi|148747436|ref|NM\_018221.3| Homo sapiens MOB kinase activator 1A (MOB1A), mRNA;

gi|148747555|ref|NM\_017884.4| Homo sapiens PIN2/TERF1 interacting, telomerase inhibitor 1 (PINX1), mRNA;  
 gi|148747573|ref|NM\_016078.4| Homo sapiens family with sequence similarity 18, member B1 (FAM18B1), mRNA;  
 gi|148747591|ref|NM\_022466.5| Homo sapiens IKAROS family zinc finger 5 (Pegasus) (IKZF5), mRNA;  
 gi|148747865|ref|NM\_004807.2| Homo sapiens heparan sulfate 6-O-sulfotransferase 1 (HS6ST1), mRNA;  
 gi|148762947|ref|NM\_001098614.1| Homo sapiens pseudouridylate synthase 7 homolog (S. cerevisiae)-like  
 gi|148762957|ref|NM\_012074.3| Homo sapiens D4, zinc and double PHD fingers, family 3 (DPF3), mRNA;  
 gi|148762962|ref|NM\_032131.4| Homo sapiens armadillo repeat containing 2 (ARMC2), mRNA;  
 gi|148762968|ref|NM\_003482.3| Homo sapiens myeloid/lymphoid or mixed-lineage leukemia 2 (MLL2), mRNA;  
 gi|148762977|ref|NM\_001080482.2| Homo sapiens chromosome 9 open reading frame 172 (C9orf172), mRNA;  
 gi|148762979|ref|NM\_001098612.1| Homo sapiens sialic acid binding Ig-like lectin 14 (SIGLEC14), mRNA;  
 gi|148762981|ref|NM\_207371.3| Homo sapiens chromosome 10 open reading frame 140 (C10orf140), mRNA;  
 gi|148763344|ref|NM\_033529.2| Homo sapiens cyclin-dependent kinase 11A (CDK11A), transcript variant 4  
 gi|148792969|ref|NM\_005640.1| Homo sapiens TAF4b RNA polymerase II, TATA box binding protein (TBP)-  
 gi|148806860|ref|NR\_003571.1| Homo sapiens protein (peptidylprolyl cis/trans isomerase) NIMA-interactin  
 gi|148806873|ref|NM\_017561.1| Homo sapiens family with sequence similarity 22, member F (FAM22F), m  
 gi|148806876|ref|NM\_133447.1| Homo sapiens ankyrin repeat and GTPase domain Arf GTPase activating p  
 gi|148806882|ref|NR\_002925.2| Homo sapiens flavin containing monooxygenase 9 pseudogene (FMO9P), r  
 gi|148806883|ref|NM\_001098633.1| Homo sapiens AKT1 substrate 1 (proline-rich) (AKT1S1), transcript var  
 gi|148806887|ref|NM\_178550.4| Homo sapiens chromosome 1 open reading frame 110 (C1orf110), mRNA  
 gi|148806893|ref|NM\_001098621.1| Homo sapiens chromosome 14 open reading frame 109 (C14orf109),  
 gi|148806897|ref|NM\_001009613.2| Homo sapiens SPANX family, member N4 (SPANXN4), mRNA;  
 gi|148806898|ref|NR\_003569.1| Homo sapiens ATP-binding cassette, sub-family C, member 6 pseudogene  
 gi|148806899|ref|NM\_183375.2| Homo sapiens protease, serine, 48 (PRSS48), mRNA;  
 gi|148806901|ref|NM\_015188.1| Homo sapiens TBC1 domain family, member 12 (TBC1D12), mRNA;  
 gi|148806907|ref|NM\_032532.2| Homo sapiens fibronectin type III domain containing 1 (FNDC1), mRNA;  
 gi|148806911|ref|NM\_001098626.1| Homo sapiens zinc finger protein 98 (ZNF98), mRNA;  
 gi|148806919|ref|NM\_152731.2| Homo sapiens BEN domain containing 6 (BEND6), mRNA;  
 gi|148806921|ref|NM\_001008395.2| Homo sapiens chromosome 7 open reading frame 59 (C7orf59), mRN  
 gi|148806922|ref|NM\_199183.2| Homo sapiens protease, serine, 45 (PRSS45), mRNA;  
 gi|148806924|ref|NM\_022159.3| Homo sapiens EGF, latrophilin and seven transmembrane domain contain  
 gi|148806926|ref|NR\_003570.1| Homo sapiens deleted in malignant brain tumors 1 pseudogene (FLJ46361  
 gi|148806927|ref|NM\_020722.1| Homo sapiens KIAA1211 (KIAA1211), mRNA;  
 gi|148806931|ref|NM\_178554.4| Homo sapiens kyphoscoliosis peptidase (KY), mRNA;  
 gi|148833490|ref|NM\_138740.2| Homo sapiens chromosome 1 open reading frame 43 (C1orf43), transcrip  
 gi|148833501|ref|NM\_016403.3| Homo sapiens CWC15 spliceosome-associated protein homolog (S. cerevi  
 gi|148833507|ref|NM\_017617.3| Homo sapiens notch 1 (NOTCH1), mRNA;  
 gi|148833510|ref|NM\_019027.3| Homo sapiens RNA binding motif protein 47 (RBM47), transcript variant 2  
 gi|148833516|ref|NR\_003573.1| Homo sapiens annexin A2 pseudogene 2 (ANXA2P2), non-coding RNA;  
 gi|148839291|ref|NM\_024524.3| Homo sapiens ATPase type 13A3 (ATP13A3), mRNA;  
 gi|148839304|ref|NM\_015295.2| Homo sapiens structural maintenance of chromosomes flexible hinge dor  
 gi|148839310|ref|NM\_001098637.1| Homo sapiens PWWP domain containing 2B (PWWP2B), transcript va  
 gi|148839312|ref|NM\_003457.3| Homo sapiens zinc finger protein 207 (ZNF207), transcript variant 1, mRN  
 gi|148839327|ref|NM\_001039.3| Homo sapiens sodium channel, non-voltage-gated 1, gamma subunit (SCN  
 gi|148839334|ref|NM\_015283.1| Homo sapiens dpy-19-like 1 (C. elegans) (DPY19L1), mRNA;  
 gi|148839338|ref|NM\_144573.3| Homo sapiens nexilin (F actin binding protein) (NEXN), transcript variant 1  
 gi|148839341|ref|NM\_020811.1| Homo sapiens carnosine synthase 1 (CARNS1), transcript variant 2, mRNA  
 gi|148839345|ref|NM\_001098635.1| Homo sapiens seizure related 6 homolog (mouse) (SEZ6), transcript va

gi|148839349|ref|NM\_001039496.1| Homo sapiens chromosome 11 open reading frame 20 (C11orf20), mRNA;

gi|148839357|ref|NM\_014686.3| Homo sapiens KIAA0355 (KIAA0355), mRNA;

gi|148839361|ref|NM\_144703.2| Homo sapiens LSM14B, SCD6 homolog B (*S. cerevisiae*) (LSM14B), mRNA;

gi|148839377|ref|NM\_152219.3| Homo sapiens gap junction protein, delta 3, 31.9kDa (GJD3), mRNA;

gi|148839381|ref|NM\_001098638.1| Homo sapiens ring finger protein 169 (RNF169), mRNA;

gi|148886653|ref|NM\_153366.3| Homo sapiens sushi, von Willebrand factor type A, EGF and pentraxin domain containing 1 (SUSH1), mRNA;

gi|148886660|ref|NM\_022459.4| Homo sapiens exportin 4 (XPO4), mRNA;

gi|148886667|ref|NM\_033390.1| Homo sapiens zinc finger CCCH-type containing 12C (ZC3H12C), mRNA;

gi|148886678|ref|NR\_003574.1| Homo sapiens ATP-binding cassette, sub-family A (ABC1), member 17, pseudogene 1 (ABCA1), mRNA;

gi|148886691|ref|NM\_001008781.2| Homo sapiens FAT tumor suppressor homolog 3 (*Drosophila*) (FAT3), mRNA;

gi|148886706|ref|NM\_001098672.1| Homo sapiens hephaestin-like 1 (HEPHL1), mRNA;

gi|148886715|ref|NM\_152769.2| Homo sapiens chromosome 19 open reading frame 26 (C19orf26), mRNA;

gi|148886717|ref|NM\_024936.2| Homo sapiens zinc finger, CCHC domain containing 4 (ZCCHC4), mRNA;

gi|148886751|ref|NM\_014987.1| Homo sapiens immunoglobulin superfamily, member 9B (IGSF9B), mRNA;

gi|148922844|ref|NM\_052847.2| Homo sapiens guanine nucleotide binding protein (G protein), gamma 7 (G7), mRNA;

gi|148922851|ref|NM\_001098728.1| Homo sapiens general transcription factor IIH, polypeptide 2C (GTF2H2), mRNA;

gi|148922866|ref|NM\_006156.2| Homo sapiens neural precursor cell expressed, developmentally down-regulated 1 (NPCED1), mRNA;

gi|148922873|ref|NM\_021127.2| Homo sapiens phorbol-12-myristate-13-acetate-induced protein 1 (PMAL1), mRNA;

gi|148922878|ref|NM\_001098725.1| Homo sapiens T-cell leukemia/lymphoma 1A (TCL1A), transcript variant 1, mRNA;

gi|148922888|ref|NM\_001080514.1| Homo sapiens scleraxis homolog B (mouse) (SCXB), mRNA;

gi|148922903|ref|NR\_001446.2| Homo sapiens annexin A2 pseudogene 3 (ANXA2P3), non-coding RNA;

gi|148922910|ref|NM\_004148.3| Homo sapiens ninjurin 1 (NINJ1), mRNA;

gi|148922918|ref|NM\_005517.3| Homo sapiens high mobility group nucleosomal binding domain 2 (HMGN2), mRNA;

gi|148922919|ref|NM\_014856.2| Homo sapiens DENN/MADD domain containing 4B (DENND4B), mRNA;

gi|148922931|ref|NM\_004485.3| Homo sapiens guanine nucleotide binding protein (G protein), gamma 4 (G4), mRNA;

gi|148922948|ref|NM\_175710.1| Homo sapiens complement component (3b/4b) receptor 1-like (CR1L), mRNA;

gi|148922970|ref|NM\_022171.2| Homo sapiens T-cell leukemia translocation altered (TCTA), mRNA;

gi|149158691|ref|NM\_004639.3| Homo sapiens BCL2-associated athanogene 6 (BAG6), transcript variant 1, mRNA;

gi|149158701|ref|NM\_001098479.1| Homo sapiens major histocompatibility complex, class I, F (HLA-F), transcript variant 1, mRNA;

gi|149158707|ref|NM\_000861.3| Homo sapiens histamine receptor H1 (HRH1), transcript variant 4, mRNA;

gi|149158710|ref|NM\_020643.2| Homo sapiens chromosome 11 open reading frame 16 (C11orf16), mRNA;

gi|149158713|ref|NM\_001098673.1| Homo sapiens chromosome 12 open reading frame 44 (C12orf44), transcript variant 1, mRNA;

gi|149158716|ref|NM\_001098625.1| Homo sapiens JNK1/MAPK8-associated membrane protein (JKAMP), transcript variant 1, mRNA;

gi|149158720|ref|NM\_021215.3| Homo sapiens regulation of nuclear pre-mRNA domain containing 1B (RPL11B), mRNA;

gi|149158721|ref|NM\_199355.2| Homo sapiens ADAM metalloproteinase with thrombospondin type 1 motif 1 (ADAMTS1), mRNA;

gi|149158722|ref|NM\_031232.3| Homo sapiens N-terminal EF-hand calcium binding protein 3 (NECAB3), transcript variant 1, mRNA;

gi|149158726|ref|NM\_001098670.1| Homo sapiens RAS guanyl releasing protein 2 (calcium and DAG-regulated) (RGR2), mRNA;

gi|14916454|ref|NM\_033126.1| Homo sapiens protein serine kinase H2 (PSKH2), mRNA;

gi|14917114|ref|NM\_002277.2| Homo sapiens keratin 31 (KRT31), mRNA;

gi|14917116|ref|NM\_004138.2| Homo sapiens keratin 33A (KRT33A), mRNA;

gi|14917118|ref|NM\_021013.3| Homo sapiens keratin 34 (KRT34), mRNA;

gi|149192823|ref|NM\_001012454.3| Homo sapiens family with sequence similarity 71, member F2 (FAM71F2), mRNA;

gi|149192832|ref|NM\_024653.3| Homo sapiens PRKR interacting protein 1 (IL11 inducible) (PRKRIP1), mRNA;

gi|149192836|ref|NM\_152832.2| Homo sapiens family with sequence similarity 89, member B (FAM89B), transcript variant 1, mRNA;

gi|149192840|ref|NM\_032453.1| Homo sapiens zinc finger protein 527 (ZNF527), mRNA;

gi|149192842|ref|NM\_019090.2| Homo sapiens KIAA1383 (KIAA1383), mRNA;

gi|149192846|ref|NM\_016526.4| Homo sapiens blocked early in transport 1 homolog (*S. cerevisiae*)-like (BLET1), mRNA;



gi|149192854|ref|NM\_013318.3| Homo sapiens proline-rich coiled-coil 2B (PRRC2B), mRNA;

gi|149192856|ref|NM\_007030.2| Homo sapiens tubulin polymerization promoting protein (TPPP), mRNA;

gi|149192859|ref|NM\_012192.3| Homo sapiens fracture callus 1 homolog (rat) (FXC1), nuclear gene encoding

gi|149192860|ref|NM\_013332.3| Homo sapiens hypoxia inducible lipid droplet-associated (HILPDA), transcript

gi|149192868|ref|NM\_001098791.1| Homo sapiens MID1 interacting protein 1 (MID1IP1), transcript variant

gi|149192870|ref|NM\_015207.1| Homo sapiens OTU domain containing 3 (OTUD3), mRNA;

gi|149193318|ref|NM\_001098477.1| Homo sapiens G-rich RNA sequence binding factor 1 (GRSF1), transcript

gi|149193326|ref|NM\_001098516.1| Homo sapiens mucin 20, cell surface associated (MUC20), transcript v

gi|149193330|ref|NM\_033229.2| Homo sapiens tripartite motif containing 15 (TRIM15), mRNA;

gi|149274606|ref|NM\_173637.3| Homo sapiens solute carrier family 25, member 41 (SLC25A41), mRNA;

gi|149274612|ref|NM\_030576.3| Homo sapiens LIM domain containing 2 (LIMD2), mRNA;

gi|149274613|ref|NM\_001098800.1| Homo sapiens melanoma antigen family D, 4 (MAGED4), mRNA;

gi|149274616|ref|NM\_033273.1| Homo sapiens zinc finger protein 479 (ZNF479), mRNA;

gi|149274620|ref|NM\_001098802.1| Homo sapiens centrosomal protein 78kDa (CEP78), transcript variant

gi|149274622|ref|NM\_032579.2| Homo sapiens resistin like beta (RETNLB), mRNA;

gi|149274623|ref|NM\_030915.3| Homo sapiens limb bud and heart development homolog (mouse) (LBH),

gi|149274632|ref|NM\_032864.3| Homo sapiens PRP38 pre-mRNA processing factor 38 (yeast) domain cont

gi|149274642|ref|NM\_031212.3| Homo sapiens solute carrier family 25 (mitochondrial iron transporter), m

gi|149274644|ref|NR\_003580.1| Homo sapiens general transcription factor II, i, pseudogene (LOC10009363

gi|149274645|ref|NM\_020950.1| Homo sapiens KIAA1614 (KIAA1614), mRNA;

gi|149274647|ref|NM\_001012967.1| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 60-like (DDX6

gi|149274649|ref|NR\_003582.1| Homo sapiens ATPase, class I, type 8B, member 5, pseudogene (ATP8B5P)

gi|149274652|ref|NM\_020780.1| Homo sapiens patched domain containing 2 (PTCHD2), mRNA;

gi|149274654|ref|NM\_032184.1| Homo sapiens synapse defective 1, Rho GTPase, homolog 2 (C. elegans) (S

gi|149274657|ref|NR\_003579.1| Homo sapiens FSHD region gene 1 family, member B (FRG1B), non-coding

gi|149363641|ref|NM\_014695.1| Homo sapiens coiled-coil domain containing 144A (CCDC144A), mRNA;

gi|149363643|ref|NM\_001013653.2| Homo sapiens leucine rich repeat containing 26 (LRRC26), mRNA;

gi|149363648|ref|NM\_001012508.3| Homo sapiens shadow of prion protein homolog (zebrafish) (SPRN), n

gi|149363652|ref|NM\_058182.4| Homo sapiens family with sequence similarity 165, member B (FAM165B)

gi|149363654|ref|NM\_032928.3| Homo sapiens transmembrane protein 141 (TMEM141), mRNA;

gi|149363655|ref|NM\_015189.1| Homo sapiens exocyst complex component 6B (EXOC6B), mRNA;

gi|149363660|ref|NM\_015146.1| Homo sapiens septin 8 (SEPT8), transcript variant 2, mRNA; gi|149363663

gi|149363671|ref|NM\_001098814.1| Homo sapiens sarcalumenin (SRL), mRNA;

gi|149363677|ref|NM\_199287.2| Homo sapiens coiled-coil domain containing 137 (CCDC137), mRNA;

gi|149363684|ref|NM\_015325.1| Homo sapiens KIAA0947 (KIAA0947), mRNA;

gi|149363693|ref|NM\_020379.2| Homo sapiens mannosidase, alpha, class 1C, member 1 (MAN1C1), mRNA

gi|149363701|ref|NM\_001098808.1| Homo sapiens chromosome 9 open reading frame 129 (C9orf129), m

gi|149363703|ref|NM\_001098815.1| Homo sapiens thymocyte expressed, positive selection associated 1 (T

gi|149393139|ref|NM\_032127.3| Homo sapiens family with sequence similarity 160, member A2 (FAM160/

gi|149408116|ref|NM\_152343.2| Homo sapiens testis expressed 34 (TEX34), mRNA;

gi|149408118|ref|NM\_001098817.1| Homo sapiens INO80 complex subunit C (INO80C), transcript variant 1

gi|149408121|ref|NM\_024119.2| Homo sapiens DEXH (Asp-Glu-X-His) box polypeptide 58 (DHX58), mRNA;

gi|149408125|ref|NM\_016231.4| Homo sapiens nemo-like kinase (NLK), mRNA;

gi|149408129|ref|NM\_021026.2| Homo sapiens ret finger protein-like 1 (RFPL1), mRNA;

gi|149408133|ref|NM\_006604.2| Homo sapiens ret finger protein-like 3 (RFPL3), transcript variant 2, mRNA

gi|149408142|ref|NM\_032883.2| Homo sapiens TOX high mobility group box family member 2 (TOX2), tran

gi|149408152|ref|NM\_001098801.1| Homo sapiens family with sequence similarity 210, member A (FAM2:

gi|149408154|ref|NM\_198682.2| Homo sapiens glycophorin E (MNS blood group) (GYPE), transcript variant

gi|149408158|ref|NM\_005259.2| Homo sapiens myostatin (MSTN), mRNA;

gi|149588566|ref|NM\_080621.4| Homo sapiens sterile alpha motif domain containing 10 (SAMD10), mRNA

gi|149588642|ref|NM\_181845.1| Homo sapiens zinc finger protein 283 (ZNF283), mRNA;

gi|149588659|ref|NM\_001031720.2| Homo sapiens glutathione S-transferase, C-terminal domain containin

gi|149588684|ref|NM\_145253.2| Homo sapiens family with sequence similarity 100, member A (FAM100A)

gi|149588714|ref|NM\_080607.2| Homo sapiens V-set and transmembrane domain containing 2 like (VSTM

gi|149588739|ref|NM\_145306.2| Homo sapiens chromosome 10 open reading frame 35 (C10orf35), mRNA

gi|149588790|ref|NM\_004585.3| Homo sapiens retinoic acid receptor responder (tazarotene induced) 3 (R

gi|149588814|ref|NM\_001048249.3| Homo sapiens chromosome 5 open reading frame 43 (C5orf43), mRNA

gi|149588869|ref|NM\_020218.1| Homo sapiens ataxin 7-like 3 (ATXN7L3), transcript variant 1, mRNA; gi|14

gi|149588873|ref|NM\_001098823.1| Homo sapiens transmembrane protein 91 (TMEM91), transcript varia

gi|149588927|ref|NM\_020846.1| Homo sapiens SLAIN motif family, member 2 (SLAIN2), mRNA;

gi|149588929|ref|NM\_001098834.1| Homo sapiens gastrulation brain homeobox 1 (GBX1), mRNA;

gi|149588957|ref|NM\_001098845.1| Homo sapiens annexin A8-like 1 (ANXA8L1), mRNA;

gi|149588994|ref|NM\_152717.2| Homo sapiens membrane-spanning 4-domains, subfamily A, member 15 (

gi|149589020|ref|NM\_033403.1| Homo sapiens doublecortin-like kinase 3 (DCLK3), mRNA;

gi|14971416|ref|NM\_005762.2| Homo sapiens tripartite motif containing 28 (TRIM28), mRNA;

gi|149773448|ref|NM\_001099220.1| Homo sapiens zinc finger protein 862 (ZNF862), mRNA;

gi|149773455|ref|NM\_015038.1| Homo sapiens KIAA0754 (KIAA0754), mRNA;

gi|149773461|ref|NM\_001099221.1| Homo sapiens TRAF-interacting protein with forkhead-associated don

gi|149773483|ref|NM\_020862.1| Homo sapiens leucine rich repeat and fibronectin type III domain containi

gi|149773489|ref|NM\_031936.4| Homo sapiens G protein-coupled receptor 61 (GPR61), mRNA;

gi|149773526|ref|NM\_177400.2| Homo sapiens NK6 homeobox 2 (NKX6-2), mRNA;

gi|149944409|ref|NM\_020827.1| Homo sapiens KIAA1430 (KIAA1430), mRNA;

gi|149944416|ref|NR\_003590.1| Homo sapiens testis-specific transcript, Y-linked 2B (non-protein coding) (T

gi|149944423|ref|NM\_001031854.2| Homo sapiens 1-aminocyclopropane-1-carboxylate synthase homolog

gi|149944432|ref|NM\_001012241.1| Homo sapiens male-specific lethal 1 homolog (Drosophila) (MSL1), m

gi|149944448|ref|NR\_003592.1| Homo sapiens testis-specific transcript, Y-linked 7B (non-protein coding) (T

gi|149944450|ref|NM\_020883.1| Homo sapiens zinc finger, SWIM-type containing 5 (ZSWIM5), mRNA;

gi|149944473|ref|NM\_025153.2| Homo sapiens ATPase, class V, type 10B (ATP10B), mRNA;

gi|149944479|ref|NR\_003588.1| Homo sapiens testis-specific transcript, Y-linked 21B (non-protein coding)

gi|149944485|ref|NM\_001010906.1| Homo sapiens chromosome 8 open reading frame 80 (C8orf80), mRN

gi|149944492|ref|NM\_144989.2| Homo sapiens dynein, axonemal, heavy chain 14 (DNAH14), transcript vai

gi|149944495|ref|NM\_015562.1| Homo sapiens UBX domain protein 7 (UBXN7), mRNA;

gi|149944508|ref|NM\_021139.2| Homo sapiens UDP glucuronosyltransferase 2 family, polypeptide B4 (UG

gi|149944512|ref|NR\_001536.2| Homo sapiens testis-specific transcript, Y-linked 2 (non-protein coding) (T

gi|149944515|ref|NM\_144993.1| Homo sapiens tet methylcytosine dioxygenase 3 (TET3), mRNA;

gi|149944523|ref|NM\_207454.2| Homo sapiens chromosome 17 open reading frame 102 (C17orf102), mR

gi|149944525|ref|NM\_030632.1| Homo sapiens additional sex combs like 3 (Drosophila) (ASXL3), mRNA;

gi|149944533|ref|NR\_003591.1| Homo sapiens testis-specific transcript, Y-linked 8B (non-protein coding) (T

gi|149944542|ref|NR\_003594.1| Homo sapiens REX1, RNA exonuclease 1 homolog (S. cerevisiae)-like 2 (p

gi|149944550|ref|NM\_001040448.2| Homo sapiens defensin, beta 131 (DEFB131), mRNA; gi|341914536|r

gi|149944553|ref|NM\_001052.2| Homo sapiens somatostatin receptor 4 (SSTR4), mRNA;

gi|149944559|ref|NM\_001099279.1| Homo sapiens forkhead box D4-like 2 (FOXD4L2), mRNA;

gi|149944572|ref|NM\_001099219.1| Homo sapiens keratin associated protein 19-8 (KRTAP19-8), mRNA;

gi|149944577|ref|NM\_001099281.1| Homo sapiens HEAT repeat containing 7A (HEATR7A), transcript varia

gi|149944589|ref|NM\_001013694.2| Homo sapiens SRR1 domain containing (SRRD), mRNA;

gi|149944592|ref|NM\_015297.1| Homo sapiens KIAA1045 (KIAA1045), mRNA;

gi|149944617|ref|NM\_001039615.3| Homo sapiens zinc finger protein 705D (ZNF705D), mRNA;

gi|149944639|ref|NM\_001099270.1| Homo sapiens zinc finger and BTB domain containing 34 (ZBTB34), mRNA;

gi|149944646|ref|NR\_001534.2| Homo sapiens testis-specific transcript, Y-linked 7 (non-protein coding) (TTY7), mRNA;

gi|149944658|ref|NM\_181656.3| Homo sapiens chromosome 17 open reading frame 58 (C17orf58), transcript variant 1, mRNA;

gi|149944674|ref|NM\_198689.2| Homo sapiens keratin associated protein 10-7 (KRTAP10-7), mRNA;

gi|149944677|ref|NR\_003589.1| Homo sapiens testis-specific transcript, Y-linked 1B (non-protein coding) (TTY1B), mRNA;

gi|149944679|ref|NM\_015302.1| Homo sapiens HAUS augmin-like complex, subunit 5 (HAUS5), mRNA;

gi|149944683|ref|NM\_001029839.2| Homo sapiens chromosome 3 open reading frame 23 (C3orf23), transcript variant 1, mRNA;

gi|149944714|ref|NM\_020700.1| Homo sapiens protein phosphatase, Mg<sup>2+</sup>/Mn<sup>2+</sup> dependent, 1H (PPM1H), mRNA;

gi|149944751|ref|NR\_003593.1| Homo sapiens testis-specific transcript, Y-linked 23B (non-protein coding) (TTY23B), mRNA;

gi|149999339|ref|NM\_174898.2| Homo sapiens lysozyme G-like 1 (LYG1), mRNA;

gi|149999345|ref|NM\_133277.2| Homo sapiens Fc fragment of IgA, receptor for (FCAR), transcript variant 1, mRNA;

gi|149999348|ref|NM\_138419.3| Homo sapiens family with sequence similarity 54, member A (FAM54A), transcript variant 1, mRNA;

gi|149999355|ref|NM\_005674.2| Homo sapiens zinc finger protein 239 (ZNF239), transcript variant 1, mRNA;

gi|149999363|ref|NR\_003578.1| Homo sapiens zinc finger protein 702, pseudogene (ZNF702P), non-coding transcript, mRNA;

gi|149999366|ref|NM\_005941.4| Homo sapiens matrix metalloproteinase 16 (membrane-inserted) (MMP16), mRNA;

gi|149999367|ref|NM\_004394.2| Homo sapiens death-associated protein (DAP), mRNA;

gi|149999375|ref|NM\_001098831.1| Homo sapiens MORN repeat containing 4 (MORN4), transcript variant 1, mRNA;

gi|149999600|ref|NM\_201516.2| Homo sapiens H2A histone family, member V (H2AFV), transcript variant 1, mRNA;

gi|149999601|ref|NM\_000476.2| Homo sapiens adenylate kinase 1 (AK1), mRNA;

gi|149999603|ref|NM\_001689.4| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial Fo complex, subunit 6 (ATP6), mRNA;

gi|149999609|ref|NM\_020125.2| Homo sapiens SLAM family member 8 (SLAMF8), mRNA;

gi|149999610|ref|NM\_003134.4| Homo sapiens signal recognition particle 14kDa (homologous Alu RNA binding protein) (SRP14), mRNA;

gi|149999612|ref|NM\_001001417.5| Homo sapiens TBC1 domain family, member 3B (TBC1D3B), mRNA;

gi|150010539|ref|NM\_015123.1| Homo sapiens FERM domain containing 4B (FRMD4B), mRNA;

gi|150010545|ref|NM\_001098413.2| Homo sapiens G antigen 10 (GAGE10), mRNA;

gi|150010551|ref|NM\_015258.1| Homo sapiens FK506 binding protein 15, 133kDa (FKBP15), mRNA;

gi|150010557|ref|NM\_014981.1| Homo sapiens myosin, heavy chain 15 (MYH15), mRNA;

gi|150010571|ref|NM\_001099289.1| Homo sapiens SH3 domain containing ring finger 3 (SH3RF3), mRNA;

gi|150010588|ref|NM\_003641.3| Homo sapiens interferon induced transmembrane protein 1 (IFITM1), mRNA;

gi|150010603|ref|NM\_001099293.1| Homo sapiens kinesin family member 4B (KIF4B), mRNA;

gi|150010609|ref|NM\_152554.2| Homo sapiens chromosome 6 open reading frame 195 (C6orf195), mRNA;

gi|150010613|ref|NR\_003595.1| Homo sapiens CDC14 cell division cycle 14 homolog C (S. cerevisiae) (CDC14), mRNA;

gi|150010618|ref|NM\_145016.3| Homo sapiens glycine-N-acyltransferase-like 2 (GLYATL2), mRNA;

gi|150010638|ref|NM\_015276.1| Homo sapiens ubiquitin specific peptidase 22 (USP22), mRNA;

gi|150010642|ref|NM\_004539.3| Homo sapiens asparaginyl-tRNA synthetase (NARS), mRNA;

gi|150010658|ref|NM\_001099294.1| Homo sapiens KIAA1644 (KIAA1644), mRNA;

gi|150010660|ref|NM\_014692.1| Homo sapiens SEC14-like 5 (S. cerevisiae) (SEC14L5), mRNA;

gi|150010672|ref|NM\_001012715.3| Homo sapiens chromosome 9 open reading frame 106 (C9orf106), mRNA;

gi|150010677|ref|NM\_130772.3| Homo sapiens S100 calcium binding protein Z (S100Z), mRNA;

gi|150036261|ref|NM\_012128.3| Homo sapiens chloride channel accessory 4 (CLCA4), transcript variant 1, mRNA;

gi|15011885|ref|NM\_024059.2| Homo sapiens chromosome 20 open reading frame 195 (C20orf195), mRNA;

gi|15011917|ref|NM\_005765.2| Homo sapiens ATPase, H<sup>+</sup> transporting, lysosomal accessory protein 2 (ATP9A), mRNA;

gi|15011922|ref|NM\_005117.2| Homo sapiens fibroblast growth factor 19 (FGF19), mRNA;

gi|15011978|ref|NM\_015320.2| Homo sapiens Rho guanine nucleotide exchange factor (GEF) 4 (ARHGEF4), mRNA;

gi|150170652|ref|NM\_173584.3| Homo sapiens EF-hand calcium binding domain 4A (EFCAB4A), mRNA;  
 gi|150170657|ref|NM\_145269.3| Homo sapiens family with sequence similarity 92, member A1 (FAM92A1), mRNA;  
 gi|150170666|ref|NM\_020813.2| Homo sapiens zinc finger protein 471 (ZNF471), mRNA;  
 gi|150170669|ref|NM\_014510.2| Homo sapiens piccolo (presynaptic cytomatrix protein) (PCLO), transcript variant 1, mRNA;  
 gi|150170674|ref|NM\_001099336.1| Homo sapiens chromosome 12 open reading frame 42 (C12orf42), transcript variant 1, mRNA;  
 gi|150170693|ref|NM\_207446.2| Homo sapiens family with sequence similarity 174, member B (FAM174B), mRNA;  
 gi|150170698|ref|NM\_015656.1| Homo sapiens kinesin family member 26A (KIF26A), mRNA;  
 gi|150170703|ref|NM\_014759.3| Homo sapiens phytanoyl-CoA 2-hydroxylase interacting protein (PHYHIP), mRNA;  
 gi|150170709|ref|NM\_001099338.1| Homo sapiens family with sequence similarity 22, member A (FAM22A), mRNA;  
 gi|150170717|ref|NM\_015021.1| Homo sapiens zinc finger protein 292 (ZNF292), mRNA;  
 gi|150170724|ref|NM\_181710.3| Homo sapiens zinc and ring finger 4 (ZNR4), mRNA;  
 gi|150170728|ref|NM\_015016.1| Homo sapiens microtubule associated serine/threonine kinase 3 (MAST3), mRNA;  
 gi|15022816|ref|NM\_002279.3| Homo sapiens keratin 33B (KRT33B), mRNA;  
 gi|150246532|ref|NM\_001099218.2| Homo sapiens RAD51 associated protein 2 (RAD51AP2), mRNA;  
 gi|150247225|ref|NM\_003708.3| Homo sapiens retinol dehydrogenase 16 (all-trans) (RDH16), mRNA;  
 gi|150378434|ref|NR\_003601.1| Homo sapiens anthrax toxin receptor-like (ANTXRL), non-coding RNA;  
 gi|150378438|ref|NM\_020226.3| Homo sapiens PR domain containing 8 (PRDM8), transcript variant 1, mRNA;  
 gi|150378448|ref|NM\_182969.1| Homo sapiens X-ray radiation resistance associated 1 (XRR1), mRNA;  
 gi|150378450|ref|NM\_014710.4| Homo sapiens G protein-coupled receptor associated sorting protein 1 (GASP1), mRNA;  
 gi|150378451|ref|NM\_152419.2| Homo sapiens heparan-alpha-glucosaminide N-acetyltransferase (HGSNAT), mRNA;  
 gi|150378455|ref|NM\_001099408.1| Homo sapiens eukaryotic translation initiation factor 4E family member 1 (EIF4E), mRNA;  
 gi|150378462|ref|NM\_001099412.1| Homo sapiens K(lysine) acetyltransferase 6A (KAT6A), transcript variant 1, mRNA;  
 gi|150378480|ref|NM\_001098844.1| Homo sapiens transmembrane protein 236 (TMEM236), mRNA;  
 gi|150378491|ref|NM\_003919.2| Homo sapiens sarcoglycan, epsilon (SGCE), transcript variant 2, mRNA;  
 gi|150378494|ref|NR\_003603.1| Homo sapiens hepatitis A virus cellular receptor 1 pseudogene (LOC100101), pseudogene;  
 gi|150378495|ref|NR\_002308.1| Homo sapiens ubiquinol-cytochrome c reductase binding protein pseudogene (LOC100101), pseudogene;  
 gi|150378496|ref|NR\_003602.1| Homo sapiens FK506 binding protein 6, 36kDa pseudogene (LOC541473), pseudogene;  
 gi|150378502|ref|NM\_207163.1| Homo sapiens leiomodulin 2 (cardiac) (LMOD2), mRNA;  
 gi|150378519|ref|NM\_032530.1| Homo sapiens zinc finger protein 594 (ZNF594), mRNA;  
 gi|150378531|ref|NM\_017572.3| Homo sapiens MAP kinase interacting serine/threonine kinase 2 (MKNK2), mRNA;  
 gi|150378532|ref|NM\_003470.2| Homo sapiens ubiquitin specific peptidase 7 (herpes virus-associated) (USP7), mRNA;  
 gi|150378536|ref|NM\_001099407.1| Homo sapiens double zinc ribbon and ankyrin repeat domains 1 (DZRN1), mRNA;  
 gi|150378544|ref|NM\_001099415.1| Homo sapiens POM121 transmembrane nucleoporin C (POM121C), mRNA;  
 gi|150378548|ref|NM\_001099409.1| Homo sapiens EH domain binding protein 1-like 1 (EHBP1L1), mRNA;  
 gi|150378551|ref|NM\_015551.1| Homo sapiens sushi domain containing 5 (SUSD5), mRNA;  
 gi|150417972|ref|NM\_021738.2| Homo sapiens supervillin (SVIL), transcript variant 2, mRNA;  
 gi|150417979|ref|NM\_212533.2| Homo sapiens ATP-binding cassette, sub-family A (ABC1), member 2 (ABC2), mRNA;  
 gi|150417980|ref|NM\_004491.4| Homo sapiens Rho GTPase activating protein 35 (ARHGAP35), mRNA;  
 gi|150417983|ref|NM\_019112.3| Homo sapiens ATP-binding cassette, sub-family A (ABC1), member 7 (ABC7), mRNA;  
 gi|150417985|ref|NM\_006420.2| Homo sapiens ADP-ribosylation factor guanine nucleotide-exchange factor 1 (ARFGEF1), mRNA;  
 gi|150417988|ref|NM\_001099402.1| Homo sapiens cyclin K (CCNK), mRNA;  
 gi|150417991|ref|NM\_004367.5| Homo sapiens chemokine (C-C motif) receptor 6 (CCR6), transcript variant 1, mRNA;  
 gi|150417992|ref|NM\_033312.2| Homo sapiens CDC14 cell division cycle 14 homolog A (S. cerevisiae) (CDC14A), mRNA;  
 gi|150417995|ref|NM\_018227.5| Homo sapiens ubiquitin-like modifier activating enzyme 6 (UBA6), mRNA;  
 gi|150417997|ref|NM\_003969.3| Homo sapiens ubiquitin-conjugating enzyme E2M (UBE2M), mRNA;  
 gi|150418003|ref|NM\_001003760.4| Homo sapiens kelch-like 31 (Drosophila) (KLHL31), mRNA;  
 gi|150418004|ref|NM\_007039.3| Homo sapiens protein tyrosine phosphatase, non-receptor type 21 (PTPN21), mRNA;

gi|150418006|ref|NM\_006267.4| Homo sapiens RAN binding protein 2 (RANBP2), mRNA;  
 gi|150418008|ref|NM\_206862.2| Homo sapiens transforming, acidic coiled-coil containing protein 2 (TACC2), mRNA;  
 gi|150421680|ref|NM\_032189.3| Homo sapiens ATPase, class VI, type 11A (ATP11A), transcript variant 2, mRNA;  
 gi|15042948|ref|NM\_021619.2| Homo sapiens PR domain containing 12 (PRDM12), mRNA;  
 gi|150456422|ref|NM\_014279.4| Homo sapiens olfactomedin 1 (OLFM1), transcript variant 1, mRNA; gi|130456423|ref|NM\_015348.1| Homo sapiens transmembrane protein 131 (TMEM131), mRNA;  
 gi|150456431|ref|NM\_001099436.1| Homo sapiens unc-51-like kinase 3 (C. elegans) (ULK3), mRNA;  
 gi|150456433|ref|NM\_012274.1| Homo sapiens chromosome X open reading frame 27 (CXorf27), mRNA;  
 gi|150456443|ref|NM\_020818.3| Homo sapiens unc-79 homolog (C. elegans) (UNC79), mRNA;  
 gi|150456448|ref|NM\_173620.2| Homo sapiens hexosaminidase (glycosyl hydrolase family 20, catalytic domain), mRNA;  
 gi|150456450|ref|NM\_017794.3| Homo sapiens focadhesin (FOCAD), mRNA;  
 gi|150456454|ref|NM\_020122.4| Homo sapiens potassium channel modulatory factor 1 (KCMF1), mRNA;  
 gi|150456461|ref|NM\_003458.3| Homo sapiens bassoon (presynaptic cytomatrix protein) (BSN), mRNA;  
 gi|150456462|ref|NM\_178171.4| Homo sapiens gasdermin A (GSDMA), mRNA;  
 gi|150456464|ref|NM\_015351.1| Homo sapiens tetratricopeptide repeat domain 9 (TTC9), mRNA;  
 gi|150456468|ref|NM\_173641.2| Homo sapiens EPH receptor A10 (EPHA10), transcript variant 2, mRNA; gi|150456470|ref|NM\_001099434.1| Homo sapiens doublecortin domain containing 2B (DCDC2B), mRNA;  
 gi|150456472|ref|NM\_001099433.1| Homo sapiens janus kinase and microtubule interacting protein 1 (JAK1), mRNA;  
 gi|15055534|ref|NM\_025227.1| Homo sapiens BPI fold containing family B, member 2 (BPIFB2), mRNA;  
 gi|15055547|ref|NM\_020638.2| Homo sapiens fibroblast growth factor 23 (FGF23), mRNA;  
 gi|151101139|ref|NM\_001099223.1| Homo sapiens intraflagellar transport 74 homolog (Chlamydomonas) (IFT74), mRNA;  
 gi|151101190|ref|NM\_006435.2| Homo sapiens interferon induced transmembrane protein 2 (IFITM2), mRNA;  
 gi|151101232|ref|NM\_170678.2| Homo sapiens integrin beta 1 binding protein 3 (ITGB1BP3), mRNA;  
 gi|151101265|ref|NM\_001099274.1| Homo sapiens TERF1 (TRF1)-interacting nuclear factor 2 (TINF2), transcript variant 1, mRNA;  
 gi|151101269|ref|NM\_000363.4| Homo sapiens troponin I type 3 (cardiac) (TNNI3), mRNA;  
 gi|151101291|ref|NM\_030755.4| Homo sapiens thioredoxin-related transmembrane protein 1 (TMX1), mRNA;  
 gi|151101300|ref|NM\_152408.2| Homo sapiens POC5 centriolar protein homolog (Chlamydomonas) (POC5), mRNA;  
 gi|151101336|ref|NM\_144609.2| Homo sapiens coiled-coil domain containing 43 (CCDC43), transcript variant 1, mRNA;  
 gi|151101366|ref|NM\_001099339.1| Homo sapiens COMM domain containing 7 (COMMD7), transcript variant 1, mRNA;  
 gi|151101385|ref|NM\_001099337.1| Homo sapiens coenzyme Q10 homolog A (S. cerevisiae) (COQ10A), nuclear DNA; gi|151101403|ref|NM\_002823.4| Homo sapiens prothymosin, alpha (PTMA), transcript variant 2, mRNA; gi|151101448|ref|NM\_031467.2| Homo sapiens solute carrier family 4, sodium bicarbonate cotransporter, member 1, mRNA;  
 gi|151101458|ref|NM\_014931.3| Homo sapiens protein phosphatase 6, regulatory subunit 1 (PPP6R1), mRNA;  
 gi|151101481|ref|NM\_006927.3| Homo sapiens ST3 beta-galactoside alpha-2,3-sialyltransferase 2 (ST3GAL2), mRNA;  
 gi|151108472|ref|NM\_016068.2| Homo sapiens fission 1 (mitochondrial outer membrane) homolog (S. cerevisiae) (FIS1), mRNA;  
 gi|151108488|ref|NM\_001039397.2| Homo sapiens TBC1 domain family, member 28 (TBC1D28), mRNA;  
 gi|151108508|ref|NM\_014859.4| Homo sapiens Rho GTPase activating protein 44 (ARHGAP44), mRNA;  
 gi|151108516|ref|NM\_001007248.2| Homo sapiens zinc finger protein 599 (ZNF599), mRNA;  
 gi|151301012|ref|NM\_001008784.2| Homo sapiens CD200 receptor 1-like (CD200R1L), transcript variant 1, mRNA;  
 gi|151301034|ref|NM\_020151.3| Homo sapiens StAR-related lipid transfer (START) domain containing 7 (STARD7), mRNA;  
 gi|151301040|ref|NM\_024855.3| Homo sapiens ARP5 actin-related protein 5 homolog (yeast) (ACTR5), mRNA;  
 gi|151301052|ref|NM\_053043.2| Homo sapiens RNA binding motif protein 33 (RBM33), mRNA;  
 gi|151301062|ref|NM\_014945.2| Homo sapiens actin binding LIM protein family, member 3 (ABLIM3), mRNA;  
 gi|151301091|ref|NM\_014247.2| Homo sapiens Rap guanine nucleotide exchange factor (GEF) 2 (RAPGEF2), mRNA;  
 gi|151301095|ref|NM\_024831.6| Homo sapiens trimethylguanosine synthase 1 (TGS1), mRNA;  
 gi|151301097|ref|NM\_020923.1| Homo sapiens zinc finger, DBF-type containing 2 (ZDBF2), mRNA;  
 gi|151301122|ref|NR\_003607.1| Homo sapiens heat shock transcription factor, Y-linked 1 pseudogene 1 (HSFY1), pseudogene

gi|151301126|ref|NM\_018897.2| Homo sapiens dynein, axonemal, heavy chain 7 (DNAH7), mRNA;

gi|151301149|ref|NM\_025229.1| Homo sapiens sel-1 suppressor of lin-12-like 2 (C. elegans) (SEL1L2), mRNA;

gi|151301153|ref|NM\_005961.2| Homo sapiens mucin 6, oligomeric mucus/gel-forming (MUC6), mRNA;

gi|151301174|ref|NM\_021214.1| Homo sapiens family with sequence similarity 108, member C1 (FAM108C), mRNA;

gi|151301201|ref|NM\_006691.3| Homo sapiens lymphatic vessel endothelial hyaluronan receptor 1 (LYVE1), mRNA;

gi|151301203|ref|NM\_017886.2| Homo sapiens unc-51-like kinase 4 (C. elegans) (ULK4), mRNA;

gi|151301210|ref|NM\_172238.3| Homo sapiens transcription factor AP-2 delta (activating enhancer binding protein 2) (TFAP2D), mRNA;

gi|151301212|ref|NM\_016361.3| Homo sapiens acid phosphatase 6, lysophosphatidic (ACP6), mRNA;

gi|151301214|ref|NM\_021241.2| Homo sapiens widely interspaced zinc finger motifs (WIZ), mRNA;

gi|151301227|ref|NM\_017892.3| Homo sapiens PRP40 pre-mRNA processing factor 40 homolog A (S. cerevisiae) (PRP40A), mRNA;

gi|15147245|ref|NM\_033258.1| Homo sapiens guanine nucleotide binding protein (G protein), gamma 8 (GNAS1), mRNA;

gi|15147327|ref|NM\_030589.2| Homo sapiens cytochrome P450, family 2, subfamily A, polypeptide 7 (CYP2A7), mRNA;

gi|15187163|ref|NM\_033277.1| Homo sapiens lacritin (LACRT), mRNA;

gi|15193293|ref|NM\_033296.1| Homo sapiens Morf4 family associated protein 1 (MRFAP1), mRNA;

gi|15208666|ref|NM\_033220.1| Homo sapiens tripartite motif containing 14 (TRIM14), transcript variant 3, mRNA;

gi|152963630|ref|NM\_001099437.1| Homo sapiens zinc finger protein 30 (ZNF30), transcript variant 2, mRNA;

gi|152963636|ref|NM\_001002836.2| Homo sapiens zinc finger protein 787 (ZNF787), mRNA;

gi|152963640|ref|NM\_003987.3| Homo sapiens paired box 2 (PAX2), transcript variant a, mRNA; gi|152963643|ref|NM\_002653.4| Homo sapiens paired-like homeodomain 1 (PITX1), mRNA;

gi|153070251|ref|NM\_001099681.1| Homo sapiens MAGI family member, X-linked (MAGIX), transcript variant 1, mRNA;

gi|153070259|ref|NM\_002356.5| Homo sapiens myristoylated alanine-rich protein kinase C substrate (MARCKS), mRNA;

gi|153070261|ref|NM\_005588.2| Homo sapiens meprin A, alpha (PABA peptide hydrolase) (MEP1A), mRNA;

gi|153070263|ref|NM\_005925.2| Homo sapiens meprin A, beta (MEP1B), mRNA;

gi|153070786|ref|NR\_003608.1| Homo sapiens tubulin, alpha pseudogene (MGC16703), non-coding RNA;

gi|153070821|ref|NM\_015506.2| Homo sapiens methylmalonic aciduria (cobalamin deficiency) cblC type, variant 1, mRNA;

gi|153082695|ref|NM\_000873.3| Homo sapiens intercellular adhesion molecule 2 (ICAM2), transcript variant 1, mRNA;

gi|153082751|ref|NM\_002199.3| Homo sapiens interferon regulatory factor 2 (IRF2), mRNA;

gi|153082754|ref|NM\_001547.4| Homo sapiens interferon-induced protein with tetratricopeptide repeats 1 (IFITM1), mRNA;

gi|153085394|ref|NM\_006037.3| Homo sapiens histone deacetylase 4 (HDAC4), mRNA;

gi|153085426|ref|NM\_012206.2| Homo sapiens hepatitis A virus cellular receptor 1 (HAVCR1), transcript variant 1, mRNA;

gi|153085460|ref|NM\_001099668.1| Homo sapiens HIG1 hypoxia inducible domain family, member 1A (HIG1A), mRNA;

gi|153090183|ref|NM\_017786.5| Homo sapiens syntabulin (syntaxin-interacting) (SYBU), transcript variant 1, mRNA;

gi|153218446|ref|NM\_000221.2| Homo sapiens ketohexokinase (fructokinase) (KHK), transcript variant a, mRNA;

gi|153218469|ref|NM\_021570.3| Homo sapiens BARX homeobox 1 (BARX1), mRNA;

gi|153218486|ref|NM\_153705.4| Homo sapiens KDEL (Lys-Asp-Glu-Leu) containing 2 (KDEL2), mRNA;

gi|153218549|ref|NM\_019593.3| Homo sapiens glycerophosphocholine phosphodiesterase GDE1 homolog 1 (GDE1), mRNA;

gi|153218551|ref|NM\_031963.2| Homo sapiens keratin associated protein 9-8 (KRTAP9-8), mRNA;

gi|153218592|ref|NM\_003658.4| Homo sapiens BARX homeobox 2 (BARX2), mRNA;

gi|153218630|ref|NM\_001099432.1| Homo sapiens breast carcinoma amplified sequence 3 (BCAS3), transcript variant 1, mRNA;

gi|153218645|ref|NM\_000781.2| Homo sapiens cytochrome P450, family 11, subfamily A, polypeptide 1 (CYP11A1), mRNA;

gi|153218661|ref|NM\_001099772.1| Homo sapiens cytochrome P450, family 4, subfamily B, polypeptide 1 (CYP4B1), mRNA;

gi|153251228|ref|NM\_001267.2| Homo sapiens chondroadherin (CHAD), mRNA;

gi|153251244|ref|NM\_018111.2| Homo sapiens chromosome 19 open reading frame 73 (C19orf73), mRNA;

gi|153251269|ref|NM\_018340.2| Homo sapiens calcineurin-like phosphoesterase domain containing 1 (CPFD1), mRNA;

gi|153251296|ref|NM\_018352.2| Homo sapiens translation machinery associated 16 homolog (S. cerevisiae) (TMA16), mRNA;

gi|153251314|ref|NM\_024666.3| Homo sapiens alpha- and gamma-adaptin binding protein (AAGAB), mRNA;

gi|153251668|ref|NM\_025031.2| Homo sapiens chromosome 7 open reading frame 69 (C7orf69), mRNA;

gi|153251728|ref|NM\_152440.4| Homo sapiens chromosome 12 open reading frame 66 (C12orf66), mRNA  
 gi|153251744|ref|NM\_019557.5| Homo sapiens family with sequence similarity 54, member B (FAM54B), t  
 gi|153251791|ref|NM\_017708.3| Homo sapiens family with sequence similarity 83, member E (FAM83E), r  
 gi|153251793|ref|NM\_152563.2| Homo sapiens family with sequence similarity 86, member C1 (FAM86C1)  
 gi|153251822|ref|NM\_152710.2| Homo sapiens chromosome 10 open reading frame 27 (C10orf27), mRNA  
 gi|153251835|ref|NM\_198515.2| Homo sapiens chromosome 10 open reading frame 96 (C10orf96), mRNA  
 gi|153251839|ref|NM\_018335.3| Homo sapiens zinc finger protein 839 (ZNF839), mRNA;  
 gi|153251856|ref|NR\_003678.1| Homo sapiens nuclear receptor corepressor 1 pseudogene 1 (NCOR1P1), r  
 gi|153251858|ref|NM\_015492.4| Homo sapiens chromosome 15 open reading frame 39 (C15orf39), mRNA  
 gi|153251864|ref|NM\_032266.3| Homo sapiens chromosome 2 open reading frame 16 (C2orf16), mRNA;  
 gi|153251877|ref|NM\_178339.2| Homo sapiens chromosome 3 open reading frame 35 (C3orf35), transcrip  
 gi|153251901|ref|NM\_173487.2| Homo sapiens chromosome 4 open reading frame 33 (C4orf33), transcrip  
 gi|153251915|ref|NM\_001099677.1| Homo sapiens KIAA1456 (KIAA1456), transcript variant 2, mRNA; gi|1  
 gi|153251949|ref|NM\_032012.3| Homo sapiens transmembrane protein 245 (TMEM245), mRNA;  
 gi|153251983|ref|NM\_001099735.1| Homo sapiens creatine kinase, mitochondrial 2 (sarcomeric) (CKMT2),  
 gi|153252047|ref|NM\_001099431.1| Homo sapiens C-type lectin domain family 1, member B (CLEC1B), tra  
 gi|153252067|ref|NM\_014469.4| Homo sapiens RNA binding motif protein, X-linked-like 2 (RBMXL2), mRN  
 gi|153252070|ref|NM\_005615.4| Homo sapiens ribonuclease, RNase A family, k6 (RNASE6), mRNA;  
 gi|153252080|ref|NM\_032572.3| Homo sapiens ribonuclease, RNase A family, 7 (RNASE7), mRNA;  
 gi|153252109|ref|NM\_145051.3| Homo sapiens ring finger protein 183 (RNF183), mRNA;  
 gi|153252119|ref|NM\_001098577.2| Homo sapiens ribosomal protein L31 (RPL31), transcript variant 2, mR  
 gi|153252156|ref|NM\_145651.2| Homo sapiens secretoglobin, family 1C, member 1 (SCGB1C1), mRNA;  
 gi|153252197|ref|NM\_207366.2| Homo sapiens septin 14 (SEPT14), mRNA;  
 gi|153252200|ref|NM\_012319.3| Homo sapiens solute carrier family 39 (zinc transporter), member 6 (SLC3  
 gi|153252272|ref|NM\_000351.4| Homo sapiens steroid sulfatase (microsomal), isozyme S (STS), mRNA;  
 gi|153266791|ref|NM\_001099733.1| Homo sapiens adenylate cyclase activating polypeptide 1 (pituitary) (/a  
 gi|153266821|ref|NM\_000693.2| Homo sapiens aldehyde dehydrogenase 1 family, member A3 (ALDH1A3),  
 gi|153266831|ref|NM\_004722.3| Homo sapiens adaptor-related protein complex 4, mu 1 subunit (AP4M1),  
 gi|153266840|ref|NM\_000042.2| Homo sapiens apolipoprotein H (beta-2-glycoprotein I) (APOH), mRNA;  
 gi|153266865|ref|NM\_002043.2| Homo sapiens gamma-aminobutyric acid (GABA) A receptor, rho 2 (GABR  
 gi|153266877|ref|NM\_004482.3| Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetyl  
 gi|153266884|ref|NM\_004121.2| Homo sapiens gamma-glutamyltransferase 5 (GGT5), transcript variant 2,  
 gi|153267406|ref|NM\_001004105.2| Homo sapiens G protein-coupled receptor kinase 6 (GRK6), transcript  
 gi|153267417|ref|NM\_145861.2| Homo sapiens EDAR-associated death domain (EDARADD), transcript vari  
 gi|153267458|ref|NM\_001987.4| Homo sapiens ets variant 6 (ETV6), mRNA;  
 gi|153267491|ref|NM\_030905.2| Homo sapiens olfactory receptor, family 2, subfamily J, member 2 (OR2J2  
 gi|153281157|ref|NM\_004420.2| Homo sapiens dual specificity phosphatase 8 (DUSP8), mRNA;  
 gi|153281166|ref|NM\_003583.3| Homo sapiens dual-specificity tyrosine-(Y)-phosphorylation regulated kin  
 gi|153281201|ref|NM\_001099456.2| Homo sapiens neuropeptide W (NPW), mRNA;  
 gi|153281225|ref|NM\_182504.3| Homo sapiens Williams-Beuren syndrome chromosome region 28 (WBSC  
 gi|153285407|ref|NM\_000253.2| Homo sapiens microsomal triglyceride transfer protein (MTTP), mRNA;  
 gi|153285459|ref|NM\_031904.3| Homo sapiens FERM domain containing 8 (FRMD8), mRNA;  
 gi|153285460|ref|NM\_002006.4| Homo sapiens fibroblast growth factor 2 (basic) (FGF2), mRNA;  
 gi|153791157|ref|NM\_004693.2| Homo sapiens keratin 75 (KRT75), mRNA;  
 gi|153791170|ref|NM\_001099684.1| Homo sapiens family with sequence similarity 156, member B (FAM15  
 gi|153791177|ref|NM\_014209.2| Homo sapiens ets variant 2 (ETV2), mRNA;  
 gi|153791191|ref|NM\_080826.1| Homo sapiens isthmin 1 homolog (zebrafish) (ISM1), mRNA;

gi|153791199|ref|NR\_003666.1| Homo sapiens speedy homolog E7 (Xenopus laevis), pseudogene (SPDYE7);

gi|153791201|ref|NM\_003553.2| Homo sapiens olfactory receptor, family 1, subfamily E, member 1 (OR1E1);

gi|153791215|ref|NM\_001099780.1| Homo sapiens proteasome (prosome, macropain) subunit, beta type, beta 5 (PSMB5), mRNA;

gi|153791243|ref|NM\_018228.2| Homo sapiens vertebrae development homolog (pig) (VRTN), mRNA;

gi|153791264|ref|NR\_003599.1| Homo sapiens chymosin pseudogene (CYMP), non-coding RNA;

gi|153791275|ref|NM\_001099650.1| Homo sapiens glucoside xylosyltransferase 1 (GXLT1), transcript variant 1, mRNA;

gi|153791291|ref|NM\_024098.3| Homo sapiens coiled-coil domain containing 86 (CCDC86), mRNA;

gi|153791299|ref|NM\_018115.2| Homo sapiens SDA1 domain containing 1 (SDAD1), mRNA;

gi|153791311|ref|NM\_007042.3| Homo sapiens ribonuclease P/MRP 14kDa subunit (RPP14), transcript variant 1, mRNA;

gi|153791329|ref|NM\_020873.5| Homo sapiens leucine rich repeat neuronal 1 (LRRN1), mRNA;

gi|153791359|ref|NM\_001013734.2| Homo sapiens ret finger protein-like 4B (RFPL4B), mRNA;

gi|153791376|ref|NM\_024310.4| Homo sapiens pleckstrin homology domain containing, family F (with FYVE domain) 1 (PLEKHF1), mRNA;

gi|153791383|ref|NM\_001099645.1| Homo sapiens ribosomal protein L22-like 1 (RPL22L1), mRNA;

gi|153791420|ref|NM\_032731.3| Homo sapiens thioredoxin domain containing 17 (TXNDC17), mRNA;

gi|153791423|ref|NM\_004778.2| Homo sapiens prostaglandin D2 receptor 2 (PTGDR2), mRNA;

gi|153791430|ref|NM\_005837.2| Homo sapiens processing of precursor 7, ribonuclease P/MRP subunit (S. cerevisiae) (RPP7), mRNA;

gi|153791442|ref|NM\_001099850.1| Homo sapiens PRAME family member 18 (PRAMEF18), mRNA;

gi|153791465|ref|NM\_020703.2| Homo sapiens adhesion molecule with Ig-like domain 1 (AMIGO1), mRNA;

gi|153791471|ref|NM\_018650.3| Homo sapiens MAP/microtubule affinity-regulating kinase 1 (MARK1), mRNA;

gi|153791483|ref|NM\_199352.3| Homo sapiens solute carrier family 22, member 25 (SLC22A25), mRNA;

gi|153791491|ref|NM\_001099661.1| Homo sapiens eukaryotic translation initiation factor 3, subunit C-like 1 (EIF3C), mRNA;

gi|153791493|ref|NM\_001099685.1| Homo sapiens Rhox homeobox family, member 2B (RHOXF2B), mRNA;

gi|153791496|ref|NM\_014675.3| Homo sapiens ciliary rootlet coiled-coil, rootletin (CROCC), mRNA;

gi|153791501|ref|NM\_024562.1| Homo sapiens transmembrane and coiled-coil domains 7 (TMCO7), mRNA;

gi|153791513|ref|NM\_001099679.1| Homo sapiens tripartite motif containing 32 (TRIM32), transcript variant 1, mRNA;

gi|153791517|ref|NM\_001099790.1| Homo sapiens PRAME family member 19 (PRAMEF19), mRNA;

gi|153791534|ref|NM\_021078.2| Homo sapiens K(lysine) acetyltransferase 2A (KAT2A), mRNA;

gi|153791543|ref|NR\_003663.1| Homo sapiens FUN14 domain containing 2 pseudogene 2 (FUNDC2P2), non-coding RNA;

gi|153791571|ref|NM\_001004297.2| Homo sapiens olfactory receptor, family 13, subfamily A, member 1 (OR13A1);

gi|153791573|ref|NR\_003669.1| Homo sapiens metallothionein 1I, pseudogene (MT1IP), non-coding RNA;

gi|153791576|ref|NR\_003679.1| Homo sapiens Nbla00301 (NBLA00301), non-coding RNA;

gi|153791627|ref|NM\_001099855.1| Homo sapiens MCF.2 cell line derived transforming sequence (MCF2), mRNA;

gi|153791631|ref|NM\_001099692.1| Homo sapiens eukaryotic translation initiation factor 5A-like 1 (EIF5A), mRNA;

gi|153791661|ref|NM\_022903.3| Homo sapiens coiled-coil domain containing 71 (CCDC71), mRNA;

gi|153791676|ref|NR\_003610.1| Homo sapiens pyridoxal-dependent decarboxylase domain containing 2, pantoic acid decarboxylase (PDCD), mRNA;

gi|153791677|ref|NM\_177424.2| Homo sapiens syntaxin 12 (STX12), mRNA;

gi|153791686|ref|NM\_001099638.1| Homo sapiens zinc finger protein 146 (ZNF146), transcript variant 2, non-coding RNA;

gi|153791692|ref|NR\_003614.1| Homo sapiens postmeiotic segregation increased 2-like 2 pseudogene (PMIS2L2), non-coding RNA;

gi|153791706|ref|NM\_001012994.1| Homo sapiens sorting nexin family member 30 (SNX30), mRNA;

gi|153791719|ref|NM\_001099672.1| Homo sapiens chromosome 8 open reading frame 59 (C8orf59), transcript variant 1, mRNA;

gi|153791732|ref|NM\_001319.6| Homo sapiens casein kinase 1, gamma 2 (CSNK1G2), mRNA;

gi|153791754|ref|NM\_021147.3| Homo sapiens cyclin O (CCNO), mRNA;

gi|153791760|ref|NM\_024945.2| Homo sapiens RMI1, RecQ mediated genome instability 1, homolog (S. cerevisiae) (RMI1), mRNA;

gi|153791779|ref|NM\_153371.3| Homo sapiens ligand of numb-protein X 2 (LNK2), mRNA;

gi|153791825|ref|NM\_015667.2| Homo sapiens family with sequence similarity 75, member A7 (FAM75A7), mRNA;

gi|153791838|ref|NM\_144643.2| Homo sapiens sodium channel and clathrin linker 1 (SCLT1), mRNA;

gi|153791864|ref|NM\_018348.5| Homo sapiens FtsJ methyltransferase domain containing 1 (FTSJD1), transcript variant 1, mRNA;



gi|153791869|ref|NM\_001099694.1| Homo sapiens zinc finger protein 578 (ZNF578), mRNA;

gi|153791872|ref|NM\_001099921.1| Homo sapiens melanoma antigen family B, 16 (MAGEB16), mRNA;

gi|153791875|ref|NM\_001005186.2| Homo sapiens olfactory receptor, family 6, subfamily Q, member 1 (O

gi|153791886|ref|NM\_018286.2| Homo sapiens transmembrane protein 100 (TMEM100), transcript varian

gi|153791892|ref|NM\_014838.2| Homo sapiens zinc finger, BED-type containing 4 (ZBED4), mRNA;

gi|153791945|ref|NM\_020702.3| Homo sapiens KIAA1161 (KIAA1161), mRNA;

gi|153791949|ref|NR\_003612.1| Homo sapiens family with sequence similarity 92, member A3 (FAM92A3),

gi|153791980|ref|NM\_001001790.2| Homo sapiens translocase of outer mitochondrial membrane 5 homol

gi|153791993|ref|NM\_013400.3| Homo sapiens replication initiator 1 (REPIN1), transcript variant 1, mRNA;

gi|153792011|ref|NM\_002912.3| Homo sapiens REV3-like, catalytic subunit of DNA polymerase zeta (yeast

gi|153792041|ref|NM\_020823.1| Homo sapiens transmembrane protein 181 (TMEM181), mRNA;

gi|153792059|ref|NM\_013376.3| Homo sapiens SERTA domain containing 1 (SERTAD1), mRNA;

gi|153792073|ref|NM\_020719.1| Homo sapiens proline rich 12 (PRR12), mRNA;

gi|153792094|ref|NM\_022087.2| Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetyl

gi|153792109|ref|NM\_020733.1| Homo sapiens HEG homolog 1 (zebrafish) (HEG1), mRNA;

gi|153792111|ref|NM\_001099852.1| Homo sapiens PRAME family member 20 (PRAMEF20), mRNA;

gi|153792116|ref|NM\_020943.2| Homo sapiens CWC22 spliceosome-associated protein homolog (S. cerevi

gi|153792132|ref|NM\_001099857.1| Homo sapiens inhibitor of kappa light polypeptide gene enhancer in B

gi|153792139|ref|NM\_001099854.1| Homo sapiens PRAME family member 14 (PRAMEF14), mRNA;

gi|153792143|ref|NM\_080282.3| Homo sapiens ATP-binding cassette, sub-family A (ABC1), member 10 (AB

gi|153792147|ref|NM\_024838.4| Homo sapiens threonine synthase-like 1 (S. cerevisiae) (THNSL1), mRNA;

gi|153792149|ref|NM\_201402.2| Homo sapiens ubiquitin specific peptidase 17-like 2 (USP17L2), mRNA;

gi|153792189|ref|NM\_021191.2| Homo sapiens neuronal differentiation 4 (NEUROD4), mRNA;

gi|153792194|ref|NM\_015672.1| Homo sapiens RIMS binding protein 3 (RIMBP3), mRNA;

gi|153792267|ref|NM\_005299.2| Homo sapiens G protein-coupled receptor 31 (GPR31), mRNA;

gi|153792283|ref|NM\_174981.3| Homo sapiens POTE ankyrin domain family, member D (POTED), mRNA;

gi|153792304|ref|NM\_001099678.1| Homo sapiens leucine rich repeat containing 58 (LRRC58), mRNA;

gi|153792328|ref|NM\_021647.6| Homo sapiens microfibrillar-associated protein 3-like (MFAP3L), transcrip

gi|153792350|ref|NM\_007037.4| Homo sapiens ADAM metallopeptidase with thrombospondin type 1 mot

gi|153792355|ref|NM\_016060.2| Homo sapiens mediator complex subunit 31 (MED31), mRNA;

gi|153792370|ref|NM\_021243.2| Homo sapiens ABRA C-terminal like (ABRACL), mRNA;

gi|153792374|ref|NM\_001012755.3| Homo sapiens solute carrier family 25, member 53 (SLC25A53), nucle

gi|153792392|ref|NM\_001099652.1| Homo sapiens G protein-coupled receptor 137C (GPR137C), mRNA;

gi|153792406|ref|NM\_138367.1| Homo sapiens zinc finger protein 251 (ZNF251), mRNA;

gi|153792424|ref|NM\_020447.3| Homo sapiens family with sequence similarity 219, member B (FAM219B)

gi|153792443|ref|NR\_003613.1| Homo sapiens postmeiotic segregation increased 2 pseudogene 1 (PMS2P

gi|153792460|ref|NM\_001099697.1| Homo sapiens radial spoke head 10 homolog B2 (Chlamydomonas) (R

gi|153792494|ref|NM\_004864.2| Homo sapiens growth differentiation factor 15 (GDF15), mRNA;

gi|153792508|ref|NR\_003665.1| Homo sapiens mediator complex subunit 27 pseudogene (CRSP8P), non-c

gi|153792515|ref|NR\_003524.1| Homo sapiens golgin A6 family, member A pseudogene (LOC729668), non-

gi|153792553|ref|NR\_003377.2| Homo sapiens PDZ domain containing 1 pseudogene 1 (PDZK1P1), non-co

gi|153792563|ref|NM\_001099646.1| Homo sapiens solute carrier family 47, member 2 (SLC47A2), transcrip

gi|153792574|ref|NM\_152833.2| Homo sapiens chromosome 9 open reading frame 69 (C9orf69), transcrip

gi|153792589|ref|NM\_001017963.2| Homo sapiens heat shock protein 90kDa alpha (cytosolic), class A mer

gi|153792603|ref|NM\_001099666.1| Homo sapiens protein prenyltransferase alpha subunit repeat contain

gi|153792624|ref|NM\_016142.2| Homo sapiens hydroxysteroid (17-beta) dehydrogenase 12 (HSD17B12), r

gi|153792638|ref|NM\_005337.4| Homo sapiens NCK-associated protein 1-like (NCKAP1L), transcript variant

gi|153792650|ref|NM\_001099658.1| Homo sapiens leucine rich repeat neuronal 3 (LRRN3), transcript varia

gi|153792662|ref|NM\_017534.5| Homo sapiens myosin, heavy chain 2, skeletal muscle, adult (MYH2), tran

gi|153792693|ref|NM\_016252.3| Homo sapiens baculoviral IAP repeat containing 6 (BIRC6), mRNA;

gi|153792755|ref|NM\_152647.2| Homo sapiens chromosome 15 open reading frame 33 (C15orf33), mRNA

gi|153792763|ref|NM\_020864.1| Homo sapiens neuronal tyrosine-phosphorylated phosphoinositide-3-kin

gi|153792767|ref|NM\_021195.4| Homo sapiens claudin 6 (CLDN6), mRNA;

gi|153792775|ref|NM\_013308.3| Homo sapiens G protein-coupled receptor 171 (GPR171), mRNA;

gi|153792779|ref|NM\_018263.4| Homo sapiens additional sex combs like 2 (Drosophila) (ASXL2), mRNA;

gi|153792790|ref|NM\_001099858.1| Homo sapiens chromosome 7 open reading frame 25 (C7orf25), trans

gi|153792796|ref|NM\_001099667.1| Homo sapiens age-related maculopathy susceptibility 2 (ARMS2), nuc

gi|153792803|ref|NM\_001100111.1| Homo sapiens uncharacterized LOC286238 (LOC286238), mRNA;

gi|153945727|ref|NM\_005909.3| Homo sapiens microtubule-associated protein 1B (MAP1B), mRNA;

gi|153945735|ref|NM\_181537.3| Homo sapiens keratin 27 (KRT27), mRNA;

gi|153945754|ref|NM\_020747.2| Homo sapiens zinc finger protein 608 (ZNF608), mRNA;

gi|153945764|ref|NM\_005921.1| Homo sapiens mitogen-activated protein kinase kinase kinase 1, E3 ubiqu

gi|153945770|ref|NM\_001100120.1| Homo sapiens endothelin converting enzyme 2 (ECE2), transcript vari

gi|153945789|ref|NM\_002472.2| Homo sapiens myosin, heavy chain 8, skeletal muscle, perinatal (MYH8), r

gi|153945795|ref|NM\_181605.3| Homo sapiens keratin associated protein 6-3 (KRTAP6-3), mRNA;

gi|153945799|ref|NM\_001100114.1| Homo sapiens PRAME family member 21 (PRAMEF21), mRNA;

gi|153945815|ref|NM\_024865.2| Homo sapiens Nanog homeobox (NANOG), mRNA;

gi|153945851|ref|NM\_025258.2| Homo sapiens von Willebrand factor A domain containing 7 (VWA7), mRN

gi|153946388|ref|NM\_181510.2| Homo sapiens WAP four-disulfide core domain 8 (WFDC8), transcript vari

gi|153946390|ref|NM\_000836.2| Homo sapiens glutamate receptor, ionotropic, N-methyl D-aspartate 2D (

gi|153946396|ref|NM\_144699.3| Homo sapiens ATPase, Na<sup>+</sup>/K<sup>+</sup> transporting, alpha 4 polypeptide (ATP1A4

gi|153946402|ref|NM\_013978.2| Homo sapiens BCL2/adenovirus E1B 19kDa interacting protein 1 (BNIP1),

gi|153946420|ref|NM\_001433.3| Homo sapiens endoplasmic reticulum to nucleus signaling 1 (ERN1), mRN

gi|153946429|ref|NM\_001100119.1| Homo sapiens X-ray repair complementing defective repair in Chinese

gi|154090958|ref|NM\_018232.1| Homo sapiens family with sequence similarity 21, member B (FAM21B), n

gi|154090974|ref|NM\_001029882.2| Homo sapiens AT hook, DNA binding motif, containing 1 (AHDC1), mR

gi|154090975|ref|NM\_015077.2| Homo sapiens sterile alpha and TIR motif containing 1 (SARM1), mRNA;

gi|154090978|ref|NM\_020721.1| Homo sapiens KIAA1210 (KIAA1210), mRNA;

gi|154090996|ref|NM\_144719.3| Homo sapiens coiled-coil domain containing 13 (CCDC13), mRNA;

gi|154091002|ref|NM\_001001668.3| Homo sapiens zinc finger protein 470 (ZNF470), mRNA;

gi|154091006|ref|NM\_001100159.1| Homo sapiens chromosome 7 open reading frame 57 (C7orf57), mRN

gi|154091019|ref|NM\_020871.3| Homo sapiens leucine-rich repeats and calponin homology (CH) domain c

gi|154091031|ref|NM\_144590.2| Homo sapiens ankyrin repeat domain 22 (ANKRD22), mRNA;

gi|154091327|ref|NM\_001100168.1| Homo sapiens chemokine (C-C motif) receptor 5 (gene/pseudogene) (

gi|154124878|ref|NM\_030615.2| Homo sapiens kinesin family member 25 (KIF25), transcript variant 1, mRl

gi|154146182|ref|NM\_182482.2| Homo sapiens B melanoma antigen family, member 2 (BAGE2), mRNA;

gi|154146186|ref|NM\_152634.2| Homo sapiens transcription elongation factor A (SII) N-terminal and centr

gi|154146188|ref|NM\_014689.2| Homo sapiens dedicator of cytokinesis 10 (DOCK10), mRNA;

gi|154146212|ref|NM\_016132.3| Homo sapiens myelin expression factor 2 (MYEF2), mRNA;

gi|154146215|ref|NM\_021623.1| Homo sapiens pleckstrin homology domain containing, family A (phospho

gi|154146222|ref|NM\_015491.1| Homo sapiens PNN-interacting serine/arginine-rich protein (PNISR), trans

gi|154146259|ref|NM\_033187.1| Homo sapiens keratin associated protein 4-3 (KRTAP4-3), mRNA;

gi|154146261|ref|NM\_003890.2| Homo sapiens Fc fragment of IgG binding protein (FCGBP), mRNA;

gi|154240670|ref|NM\_173489.4| Homo sapiens HEAT repeat family member 7B2 (HEATR7B2), mRNA;

gi|154240676|ref|NM\_001100388.1| Homo sapiens chromosome 11 open reading frame 88 (C11orf88), tra  
gi|154240685|ref|NM\_018351.3| Homo sapiens FYVE, RhoGEF and PH domain containing 6 (FGD6), mRNA;  
gi|154240700|ref|NR\_003680.1| Homo sapiens ribosomal protein L13a pseudogene 17 (RPL13AP17), non-c  
gi|154240703|ref|NM\_001100389.1| Homo sapiens transmembrane protein 192 (TMEM192), mRNA;  
gi|154240705|ref|NM\_152482.2| Homo sapiens chromosome 19 open reading frame 25 (C19orf25), mRNA  
gi|154240711|ref|NM\_001100392.1| Homo sapiens RALY RNA binding protein-like (RALYL), transcript varia  
gi|154240719|ref|NM\_199133.2| Homo sapiens family with sequence similarity 173, member B (FAM173B)  
gi|154240727|ref|NM\_001100396.1| Homo sapiens chromosome 2 open reading frame 73 (C2orf73), mRN  
gi|154240731|ref|NM\_175734.4| Homo sapiens chromosome 17 open reading frame 74 (C17orf74), mRNA  
gi|15431286|ref|NM\_000894.2| Homo sapiens luteinizing hormone beta polypeptide (LHB), mRNA;  
gi|15431298|ref|NM\_000979.2| Homo sapiens ribosomal protein L18 (RPL18), mRNA;  
gi|15431299|ref|NM\_000980.2| Homo sapiens ribosomal protein L18a (RPL18A), mRNA;  
gi|15431317|ref|NM\_006771.3| Homo sapiens keratin 38 (KRT38), mRNA;  
gi|154350195|ref|NM\_022082.3| Homo sapiens solute carrier family 17, member 9 (SLC17A9), mRNA;  
gi|154350197|ref|NM\_018381.2| Homo sapiens chromosome 19 open reading frame 66 (C19orf66), mRNA  
gi|154350212|ref|NM\_024541.2| Homo sapiens chromosome 10 open reading frame 76 (C10orf76), mRNA  
gi|154350219|ref|NM\_007195.2| Homo sapiens polymerase (DNA directed) iota (POLI), mRNA;  
gi|154350223|ref|NM\_032837.2| Homo sapiens family with sequence similarity 104, member A (FAM104A)  
gi|154350235|ref|NM\_019600.2| Homo sapiens family with sequence similarity 214, member A (FAM214A)  
gi|154350243|ref|NM\_001100411.1| Homo sapiens family with sequence similarity 184, member A (FAM18  
gi|154354963|ref|NM\_006839.2| Homo sapiens inner membrane protein, mitochondrial (IMMT), nuclear g  
gi|154354969|ref|NM\_001100165.1| Homo sapiens phosphatase and actin regulator 2 (PHACTR2), transcrip  
gi|154354975|ref|NM\_006607.2| Homo sapiens pituitary tumor-transforming 2 (PTTG2), mRNA;  
gi|154354977|ref|NM\_018467.3| Homo sapiens unconventional SNARE in the ER 1 homolog (S. cerevisiae)  
gi|154354978|ref|NM\_012334.2| Homo sapiens myosin X (MYO10), mRNA;  
gi|154354984|ref|NM\_013312.2| Homo sapiens hook homolog 2 (Drosophila) (HOOK2), transcript variant 1  
gi|154354989|ref|NM\_014915.2| Homo sapiens ankyrin repeat domain 26 (ANKRD26), transcript variant 1,  
gi|154354991|ref|NM\_017688.2| Homo sapiens B-box and SPRY domain containing (BSPRY), mRNA;  
gi|154354999|ref|NM\_003685.2| Homo sapiens KH-type splicing regulatory protein (KHSRP), mRNA;  
gi|154355003|ref|NM\_001100122.1| Homo sapiens strawberry notch homolog 2 (Drosophila) (SBNO2), tra  
gi|154426251|ref|NM\_007268.2| Homo sapiens V-set and immunoglobulin domain containing 4 (VSIG4), tr  
gi|154426254|ref|NM\_032361.2| Homo sapiens THO complex 3 (THOC3), mRNA;  
gi|154426277|ref|NM\_138569.2| Homo sapiens muscular LMNA-interacting protein (MLIP), mRNA;  
gi|154426291|ref|NM\_000697.2| Homo sapiens arachidonate 12-lipoxygenase (ALOX12), mRNA;  
gi|154426293|ref|NM\_015314.2| Homo sapiens KIAA0895 (KIAA0895), transcript variant 2, mRNA; gi|1544  
gi|154426299|ref|NM\_017822.3| Homo sapiens KAT8 regulatory NSL complex subunit 2 (KANSL2), mRNA;  
gi|154426301|ref|NM\_017447.3| Homo sapiens chromosome 21 open reading frame 91 (C21orf91), transc  
gi|154426303|ref|NM\_007080.2| Homo sapiens LSM6 homolog, U6 small nuclear RNA associated (S. cerevi  
gi|154426305|ref|NM\_194313.2| Homo sapiens kinesin family member 24 (KIF24), mRNA;  
gi|154426309|ref|NM\_015535.2| Homo sapiens spermatogenesis associated, serine-rich 2-like (SPATS2L), t  
gi|154426321|ref|NM\_175748.3| Homo sapiens ubiquitin protein ligase E3 component n-recognin 7 (putati  
gi|154426323|ref|NM\_001100418.1| Homo sapiens chromosome 19 open reading frame 60 (C19orf60), tra  
gi|154448883|ref|NM\_080671.2| Homo sapiens potassium voltage-gated channel, Isk-related family, mem  
gi|154448889|ref|NM\_005131.2| Homo sapiens THO complex 1 (THOC1), mRNA;  
gi|154448891|ref|NM\_015024.4| Homo sapiens exportin 7 (XPO7), mRNA;  
gi|15451747|ref|NM\_033043.1| Homo sapiens chorionic gonadotropin, beta polypeptide 5 (CGB5), mRNA;  
gi|15451749|ref|NM\_033142.1| Homo sapiens chorionic gonadotropin, beta polypeptide 7 (CGB7), mRNA;

gi|15451899|ref|NM\_005247.2| Homo sapiens fibroblast growth factor 3 (FGF3), mRNA;

gi|15451901|ref|NM\_003618.2| Homo sapiens mitogen-activated protein kinase kinase kinase 3 (MAP3K3), mRNA;

gi|154689618|ref|NM\_145060.3| Homo sapiens spindle and kinetochore associated complex subunit 1 (SKAP1), mRNA;

gi|154689718|ref|NM\_015187.3| Homo sapiens sel-1 suppressor of lin-12-like 3 (C. elegans) (SEL1L3), mRNA;

gi|154689750|ref|NM\_014743.2| Homo sapiens KIAA0232 (KIAA0232), transcript variant 1, mRNA; gi|154689753|ref|NM\_001010845.2| Homo sapiens acyl-CoA synthetase medium-chain family member 2A (ACSM2A), mRNA;

gi|154689768|ref|NM\_020840.1| Homo sapiens folliculin interacting protein 2 (FNIP2), mRNA;

gi|154689779|ref|NM\_006939.2| Homo sapiens son of sevenless homolog 2 (Drosophila) (SOS2), mRNA;

gi|154689790|ref|NM\_001100595.1| Homo sapiens spindle and kinetochore associated complex subunit 2 (SKAP2), mRNA;

gi|154689795|ref|NM\_001100592.1| Homo sapiens ATPase, H<sup>+</sup> transporting V0 subunit e2 (ATP6V0E2), transcript variant 1, mRNA;

gi|154689816|ref|NM\_194318.3| Homo sapiens beta 1,3-galactosyltransferase-like (B3GALTL), mRNA;

gi|154689846|ref|NM\_014804.2| Homo sapiens KIAA0753 (KIAA0753), mRNA;

gi|154689857|ref|NM\_006062.2| Homo sapiens SMYD family member 5 (SMYD5), mRNA;

gi|154736712|ref|NM\_001100603.1| Homo sapiens KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein (KDEL), mRNA;

gi|154744869|ref|NM\_022752.5| Homo sapiens zinc finger protein 574 (ZNF574), mRNA;

gi|154759241|ref|NM\_001005480.2| Homo sapiens olfactory receptor, family 2, subfamily A, member 2 (OR2A2), mRNA;

gi|154759243|ref|NR\_003682.1| Homo sapiens C-terminal binding protein 2 pseudogene (MGC70870), non coding RNA;

gi|154759246|ref|NM\_199046.2| Homo sapiens testis, prostate and placenta expressed (TEPP), transcript variant 1, mRNA;

gi|154759248|ref|NM\_198692.2| Homo sapiens keratin associated protein 10-11 (KRTAP10-11), mRNA;

gi|154759250|ref|NM\_198690.2| Homo sapiens keratin associated protein 10-9 (KRTAP10-9), mRNA;

gi|154759252|ref|NM\_001033719.2| Homo sapiens zinc finger protein 404 (ZNF404), mRNA;

gi|154759254|ref|NM\_001037763.2| Homo sapiens collagen, type XXVIII, alpha 1 (COL28A1), mRNA;

gi|154759256|ref|NM\_175066.3| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 51 (DDX51), mRNA;

gi|154759262|ref|NM\_173831.3| Homo sapiens zinc finger protein 707 (ZNF707), transcript variant 1, mRNA;

gi|154759268|ref|NM\_182559.2| Homo sapiens transmembrane (C-terminal) protease, serine 12 (TMPRSS12), mRNA;

gi|154759270|ref|NM\_174892.2| Homo sapiens CD300 molecule-like family member b (CD300LB), mRNA;

gi|154759272|ref|NM\_152762.2| Homo sapiens testis specific, 10 interacting protein (TSGA10IP), mRNA;

gi|154759274|ref|NM\_198403.3| Homo sapiens monocyte to macrophage differentiation-associated 2 (MMD2), mRNA;

gi|154759282|ref|NM\_014603.2| Homo sapiens cerebellar degeneration-related protein 2-like (CDR2L), mRNA;

gi|154759290|ref|NM\_001100607.1| Homo sapiens serpin peptidase inhibitor, clade A (alpha-1 antitrypsin) member 1 (SERPINA1), mRNA;

gi|154759292|ref|NM\_001039840.2| Homo sapiens cysteine-rich hydrophobic domain 1 (CHIC1), mRNA;

gi|154800417|ref|NM\_001081003.1| Homo sapiens COMM domain containing 5 (COMMD5), transcript variant 1, mRNA;

gi|154800442|ref|NM\_005074.3| Homo sapiens solute carrier family 17 (sodium phosphate), member 1 (SLC17A1), mRNA;

gi|154800448|ref|NM\_003433.3| Homo sapiens zinc finger protein 132 (ZNF132), mRNA;

gi|154800452|ref|NM\_005480.3| Homo sapiens trophinin associated protein (tastin) (TROAP), transcript variant 1, mRNA;

gi|154800456|ref|NM\_015147.2| Homo sapiens centrosomal protein 68kDa (CEP68), mRNA;

gi|154800460|ref|NM\_001003791.2| Homo sapiens ER lipid raft associated 2 (ERLIN2), transcript variant 3, mRNA;

gi|154800468|ref|NM\_001100622.1| Homo sapiens chromosome 17 open reading frame 80 (C17orf80), transcript variant 1, mRNA;

gi|154800475|ref|NM\_017958.2| Homo sapiens pleckstrin homology domain containing, family B (evectins) member 1 (PLEKHA7), mRNA;

gi|154800481|ref|NM\_018455.4| Homo sapiens centromere protein N (CENPN), transcript variant 3, mRNA;

gi|154800486|ref|NM\_006459.3| Homo sapiens ER lipid raft associated 1 (ERLIN1), mRNA; gi|154800488|ref|NM\_001003791.2| Homo sapiens ER lipid raft associated 2 (ERLIN2), transcript variant 3, mRNA;

gi|154800492|ref|NM\_001100631.1| Homo sapiens PRAME family member 22 (PRAMEF22), mRNA;

gi|154800497|ref|NR\_003684.1| Homo sapiens small nucleolar RNA, C/D box 119 (SNORD119), small nucleolar RNA;

gi|154800498|ref|NR\_003685.1| Homo sapiens small nucleolar RNA, C/D box 121A (SNORD121A), small nucleolar RNA;

gi|154800499|ref|NR\_003686.1| Homo sapiens small nucleolar RNA, C/D box 125 (SNORD125), small nucleolar RNA;

gi|154800500|ref|NR\_003687.1| Homo sapiens small nucleolar RNA, C/D box 19B (SNORD19B), small nucleolar RNA;

gi|154800501|ref|NR\_003688.1| Homo sapiens small nucleolar RNA, C/D box 105B (SNORD105B), small nucleolar RNA;

gi|154800502|ref|NR\_003689.1| Homo sapiens small nucleolar RNA, C/D box 123 (SNORD123), small nucleolar RNA; gi|154800504|ref|NR\_003691.1| Homo sapiens small nucleolar RNA, C/D box 127 (SNORD127), small nucleolar RNA; gi|154800506|ref|NR\_003693.1| Homo sapiens small nucleolar RNA, C/D box 126 (SNORD126), small nucleolar RNA; gi|154800507|ref|NR\_003694.1| Homo sapiens small nucleolar RNA, C/D box 11B (SNORD11B), small nucleolar RNA; gi|154800508|ref|NR\_003695.1| Homo sapiens small nucleolar RNA, C/D box 12B (SNORD12B), small nucleolar RNA; gi|154813192|ref|NM\_001100390.1| Homo sapiens IQ motif containing E (IQCE), transcript variant 2, mRNA; gi|154813194|ref|NM\_015689.3| Homo sapiens DENN/MADD domain containing 2A (DENND2A), mRNA; gi|154813198|ref|NM\_017554.2| Homo sapiens poly (ADP-ribose) polymerase family, member 14 (PARP14), mRNA; gi|154813200|ref|NM\_006982.2| Homo sapiens ALX homeobox 1 (ALX1), mRNA; gi|154813202|ref|NM\_014498.3| Homo sapiens golgi integral membrane protein 4 (GOLIM4), mRNA; gi|154813203|ref|NM\_002193.2| Homo sapiens inhibin, beta B (INHBB), mRNA; gi|154813205|ref|NM\_004774.3| Homo sapiens mediator complex subunit 1 (MED1), mRNA; gi|154813206|ref|NM\_004229.3| Homo sapiens mediator complex subunit 14 (MED14), mRNA; gi|154813207|ref|NM\_004268.4| Homo sapiens mediator complex subunit 17 (MED17), mRNA; gi|154816171|ref|NM\_001100829.1| Homo sapiens transmembrane protein 170B (TMEM170B), mRNA; gi|154816175|ref|NM\_022059.2| Homo sapiens chemokine (C-X-C motif) ligand 16 (CXCL16), transcript variant 1, mRNA; gi|154816179|ref|NR\_003670.1| Homo sapiens keratinocyte growth factor-like protein 2 (KGFLP2), non-coding RNA; gi|154816183|ref|NM\_144568.2| Homo sapiens transmembrane protein 55B (TMEM55B), transcript variant 1, mRNA; gi|154816189|ref|NM\_013939.2| Homo sapiens olfactory receptor, family 10, subfamily H, member 2 (OR10H2), mRNA; gi|154816193|ref|NM\_013940.2| Homo sapiens olfactory receptor, family 10, subfamily H, member 1 (OR10H1), mRNA; gi|154816196|ref|NR\_003677.1| Homo sapiens malignant T cell amplified sequence 1 pseudogene (PSIMCT1), pseudogene; gi|154816197|ref|NM\_001100817.1| Homo sapiens transcription elongation factor B polypeptide 3C-like (TFEB3C), mRNA; gi|154816200|ref|NM\_015666.3| Homo sapiens GTP binding protein 5 (putative) (GTPBP5), mRNA; gi|154816206|ref|NR\_003664.2| Homo sapiens speedy homolog E8 (Xenopus laevis), pseudogene (SPDYE8), pseudogene; gi|154937323|ref|NM\_198181.2| Homo sapiens golgin A6 family-like 9 (GOLGA6L9), mRNA; gi|154937326|ref|NM\_015871.4| Homo sapiens zinc finger protein 593 (ZNF593), mRNA; gi|154937328|ref|NM\_017933.4| Homo sapiens phosphotyrosine interaction domain containing 1 (PID1), transcript variant 1, mRNA; gi|154937329|ref|NM\_153369.2| Homo sapiens KIAA1919 (KIAA1919), mRNA; gi|154937335|ref|NM\_001100873.1| Homo sapiens chromosome 16 open reading frame 46 (C16orf46), transcript variant 1, mRNA; gi|154937339|ref|NM\_152598.2| Homo sapiens membrane-associated ring finger (C3HC4) 10, E3 ubiquitin ligase, mRNA; gi|154937343|ref|NM\_182528.3| Homo sapiens complement component 1, q subcomponent-like 2 (C1QL2), mRNA; gi|154937345|ref|NM\_194300.2| Homo sapiens coiled-coil domain containing 129 (CCDC129), transcript variant 1, mRNA; gi|154937351|ref|NM\_001100877.1| Homo sapiens phytanoyl-CoA dioxygenase domain containing 1 (PHYTAN), mRNA; gi|154937354|ref|NM\_176889.2| Homo sapiens taste receptor, type 2, member 20 (TAS2R20), mRNA; gi|154937356|ref|NM\_176890.2| Homo sapiens taste receptor, type 2, member 50 (TAS2R50), mRNA; gi|154937358|ref|NM\_175918.3| Homo sapiens cysteine-rich PAK1 inhibitor (CRIPAK), mRNA; gi|154937378|ref|NR\_003697.1| Homo sapiens small nucleolar RNA host gene 15 (non-protein coding) (SNHG15), small nucleolar RNA; gi|154937379|ref|NM\_001100878.1| Homo sapiens chromosome 8 open reading frame 73 (C8orf73), mRNA; gi|155029528|ref|NM\_173856.2| Homo sapiens vomeronasal 1 receptor 2 (VN1R2), mRNA; gi|155029530|ref|NM\_001004309.2| Homo sapiens zinc finger protein 774 (ZNF774), mRNA; gi|155029534|ref|NM\_001100909.1| Homo sapiens membrane-spanning 4-domains, subfamily A, member 1 (MS4A1), mRNA; gi|155029536|ref|NM\_001100910.1| Homo sapiens family with sequence similarity 72, member B (FAM72B), mRNA; gi|155029540|ref|NM\_144645.3| Homo sapiens chromosome 4 open reading frame 36 (C4orf36), mRNA; gi|155029543|ref|NM\_001100912.1| Homo sapiens BEN domain containing 7 (BEND7), transcript variant 2, mRNA; gi|155029549|ref|NM\_178828.4| Homo sapiens family with sequence similarity 75, member E1 (FAM75E1), mRNA; gi|155029551|ref|NM\_207380.2| Homo sapiens chromosome 15 open reading frame 52 (C15orf52), mRNA; gi|155029555|ref|NM\_207409.2| Homo sapiens colipase-like 2 (CLPSL2), mRNA;

gi|155029561|ref|NM\_000326.4| Homo sapiens retinaldehyde binding protein 1 (RLBP1), mRNA;

gi|155029563|ref|NM\_198925.2| Homo sapiens sema domain, immunoglobulin domain (Ig), transmembran

gi|155030183|ref|NM\_007021.3| Homo sapiens chromosome 10 open reading frame 10 (C10orf10), mRNA

gi|155030184|ref|NM\_018164.2| Homo sapiens asunder, spermatogenesis regulator homolog (Drosophila) (

gi|155030187|ref|NM\_001100816.1| Homo sapiens mediator complex subunit 7 (MED7), transcript variant

gi|155030189|ref|NM\_052877.3| Homo sapiens mediator complex subunit 8 (MED8), transcript variant 3, r

gi|155030201|ref|NM\_001100430.1| Homo sapiens RAP1, GTP-GDP dissociation stimulator 1 (RAP1GDS1),

gi|155030203|ref|NM\_007023.3| Homo sapiens Rap guanine nucleotide exchange factor (GEF) 4 (RAPGEF4)

gi|155030212|ref|NM\_001189.3| Homo sapiens NK3 homeobox 2 (NKX3-2), mRNA;

gi|155030219|ref|NM\_001100400.1| Homo sapiens PDS5, regulator of cohesion maintenance, homolog A (

gi|155030227|ref|NM\_002650.2| Homo sapiens phosphatidylinositol 4-kinase, catalytic, alpha (PI4KA), tran

gi|155030228|ref|NM\_001018003.2| Homo sapiens sorbin and SH3 domain containing 3 (SORBS3), transcri

gi|155030233|ref|NM\_013235.4| Homo sapiens drosha, ribonuclease type III (DROSHA), transcript variant 1

gi|155030237|ref|NM\_006741.3| Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 1A (P

gi|155030239|ref|NM\_182916.2| Homo sapiens tRNA nucleotidyl transferase, CCA-adding, 1 (TRNT1), nucle

gi|155030241|ref|NM\_018051.4| Homo sapiens WD repeat domain 60 (WDR60), mRNA;

gi|15529981|ref|NM\_033416.1| Homo sapiens IMP4, U3 small nucleolar ribonucleoprotein, homolog (yeast

gi|155369220|ref|NM\_001100915.1| Homo sapiens potassium channel tetramerisation domain containing

gi|155369268|ref|NM\_001100917.1| Homo sapiens tetraspanin 19 (TSPAN19), mRNA;

gi|15553096|ref|NM\_033418.1| Homo sapiens methyltransferase like 18 (METTL18), mRNA;

gi|155722982|ref|NM\_016292.2| Homo sapiens TNF receptor-associated protein 1 (TRAP1), mRNA;

gi|155722984|ref|NM\_015110.3| Homo sapiens structural maintenance of chromosomes 5 (SMC5), mRNA;

gi|155722986|ref|NM\_012081.5| Homo sapiens elongation factor, RNA polymerase II, 2 (ELL2), mRNA;

gi|155722989|ref|NM\_018158.2| Homo sapiens solute carrier family 4 (anion exchanger), member 1, adapt

gi|155722993|ref|NM\_015117.2| Homo sapiens zinc finger CCCH-type containing 3 (ZC3H3), mRNA;

gi|155722995|ref|NM\_014480.2| Homo sapiens zinc finger protein 544 (ZNF544), mRNA;

gi|155722997|ref|NM\_022058.3| Homo sapiens solute carrier family 4, sodium bicarbonate transporter, m

gi|155722999|ref|NM\_032435.2| Homo sapiens mixed lineage kinase 4 (KIAA1804), mRNA;

gi|155969690|ref|NM\_203451.2| Homo sapiens serine-rich and transmembrane domain containing 1 (SERT

gi|155969692|ref|NM\_152372.3| Homo sapiens myomesin family, member 3 (MYOM3), mRNA;

gi|155969696|ref|NM\_173086.4| Homo sapiens keratin 6C (KRT6C), mRNA;

gi|155969700|ref|NM\_194312.2| Homo sapiens espin-like (ESPNL), mRNA;

gi|155969710|ref|NM\_214710.3| Homo sapiens protease, serine, 57 (PRSS57), mRNA;

gi|155969713|ref|NM\_002519.2| Homo sapiens nuclear protein, ataxia-telangiectasia locus (NPAT), mRNA;

gi|155969717|ref|NM\_001011700.2| Homo sapiens mitochondrial coiled-coil domain 1 (MCCD1), nuclear g

gi|156071448|ref|NM\_019624.3| Homo sapiens ATP-binding cassette, sub-family B (MDR/TAP), member 9

gi|156071451|ref|NM\_001101662.1| Homo sapiens nardilysin (N-arginine dibasic convertase) (NRD1), trans

gi|156071455|ref|NM\_080475.2| Homo sapiens serpin peptidase inhibitor, clade B (ovalbumin), member 1:

gi|156071466|ref|NM\_004312.2| Homo sapiens arrestin 3, retinal (X-arrestin) (ARR3), mRNA;

gi|156071469|ref|NM\_001194.3| Homo sapiens hyperpolarization activated cyclic nucleotide-gated potassi

gi|156071471|ref|NM\_001767.3| Homo sapiens CD2 molecule (CD2), mRNA;

gi|156071475|ref|NM\_214711.3| Homo sapiens chromosome 4 open reading frame 40 (C4orf40), mRNA;

gi|156071482|ref|NM\_001007.4| Homo sapiens ribosomal protein S4, X-linked (RPS4X), mRNA;

gi|156071485|ref|NM\_003680.3| Homo sapiens tyrosyl-tRNA synthetase (YARS), mRNA;

gi|156071486|ref|NM\_003730.4| Homo sapiens ribonuclease T2 (RNASET2), mRNA;

gi|156071487|ref|NM\_003884.4| Homo sapiens K(lysine) acetyltransferase 2B (KAT2B), mRNA;

gi|156071490|ref|NM\_002069.5| Homo sapiens guanine nucleotide binding protein (G protein), alpha inhib

gi|156071493|ref|NM\_002455.3| Homo sapiens metaxin 1 (MTX1), transcript variant 1, mRNA; gi|5479207  
 gi|156071494|ref|NM\_002787.4| Homo sapiens proteasome (prosome, macropain) subunit, alpha type, 2 (C  
 gi|156071497|ref|NM\_004952.4| Homo sapiens ephrin-A3 (EFNA3), mRNA;  
 gi|156071499|ref|NM\_005438.3| Homo sapiens FOS-like antigen 1 (FOSL1), mRNA;  
 gi|156071501|ref|NM\_006563.3| Homo sapiens Kruppel-like factor 1 (erythroid) (KLF1), mRNA;  
 gi|156071502|ref|NM\_006694.3| Homo sapiens jumping translocation breakpoint (JTB), mRNA;  
 gi|156071504|ref|NM\_007236.4| Homo sapiens calcium binding protein P22 (CHP), mRNA;  
 gi|156071505|ref|NM\_175709.3| Homo sapiens chromobox homolog 7 (CBX7), mRNA;  
 gi|156071507|ref|NM\_013260.6| Homo sapiens SAP30 binding protein (SAP30BP), mRNA;  
 gi|156071508|ref|NM\_014708.4| Homo sapiens kinetochore associated 1 (KNTC1), mRNA;  
 gi|156071510|ref|NM\_017414.3| Homo sapiens ubiquitin specific peptidase 18 (USP18), mRNA;  
 gi|156071511|ref|NM\_018890.3| Homo sapiens ras-related C3 botulinum toxin substrate 1 (rho family, sma  
 gi|156071514|ref|NM\_021996.4| Homo sapiens globoside alpha-1,3-N-acetylgalactosaminyltransferase 1 (C  
 gi|156071516|ref|NM\_022766.5| Homo sapiens ceramide kinase (CERK), mRNA;  
 gi|156071517|ref|NM\_023112.3| Homo sapiens OTU domain, ubiquitin aldehyde binding 2 (OTUB2), mRNA  
 gi|156071521|ref|NM\_025054.4| Homo sapiens valosin containing protein (p97)/p47 complex interacting p  
 gi|156071528|ref|NM\_139018.3| Homo sapiens CD300 molecule-like family member f (CD300LF), mRNA;  
 gi|156071529|ref|NM\_145800.3| Homo sapiens septin 6 (SEPT6), transcript variant III, mRNA; gi|15607150  
 gi|156071531|ref|NM\_153816.3| Homo sapiens sorting nexin 14 (SNX14), transcript variant 1, mRNA; gi|15  
 gi|156071534|ref|NM\_182894.2| Homo sapiens visual system homeobox 2 (VSX2), mRNA;  
 gi|156071535|ref|NM\_198593.2| Homo sapiens C1q and tumor necrosis factor related protein 1 (C1QTNF1  
 gi|156086723|ref|NM\_015085.4| Homo sapiens RAP1 GTPase activating protein 2 (RAP1GAP2), transcript v  
 gi|156104861|ref|NM\_181712.4| Homo sapiens KN motif and ankyrin repeat domains 4 (KANK4), mRNA;  
 gi|156104863|ref|NM\_003501.2| Homo sapiens acyl-CoA oxidase 3, pristanoyl (ACOX3), transcript variant 1  
 gi|156104867|ref|NR\_003699.1| Homo sapiens zinc finger protein 525 (ZNF525), non-coding RNA;  
 gi|156104871|ref|NM\_006494.2| Homo sapiens Ets2 repressor factor (ERF), mRNA;  
 gi|156104873|ref|NM\_001988.2| Homo sapiens envoplakin (EVPL), mRNA;  
 gi|156104879|ref|NM\_006877.3| Homo sapiens guanosine monophosphate reductase (GMPR), mRNA;  
 gi|156104882|ref|NM\_002068.2| Homo sapiens guanine nucleotide binding protein (G protein), alpha 15 (C  
 gi|156104885|ref|NM\_016602.2| Homo sapiens chemokine (C-C motif) receptor 10 (CCR10), mRNA;  
 gi|156104888|ref|NM\_004529.2| Homo sapiens myeloid/lymphoid or mixed-lineage leukemia (trithorax ho  
 gi|156104890|ref|NM\_002096.2| Homo sapiens general transcription factor IIF, polypeptide 1, 74kDa (GTF  
 gi|156104892|ref|NM\_133446.2| Homo sapiens ArfGAP with GTPase domain, ankyrin repeat and PH domai  
 gi|156104894|ref|NM\_003866.2| Homo sapiens inositol polyphosphate-4-phosphatase, type II, 105kDa (INI  
 gi|156104900|ref|NM\_032250.3| Homo sapiens ankyrin repeat domain 20 family, member A1 (ANKRD20A1  
 gi|156104902|ref|NM\_003970.2| Homo sapiens myomesin (M-protein) 2, 165kDa (MYOM2), mRNA;  
 gi|156104905|ref|NM\_005593.2| Homo sapiens myogenic factor 5 (MYF5), mRNA;  
 gi|156105680|ref|NM\_012486.2| Homo sapiens presenilin 2 (Alzheimer disease 4) (PSEN2), transcript varia  
 gi|156105684|ref|NM\_007188.3| Homo sapiens ATP-binding cassette, sub-family B (MDR/TAP), member 8  
 gi|156105694|ref|NM\_033405.3| Homo sapiens peroxisomal proliferator-activated receptor A interacting c  
 gi|156105698|ref|NM\_018835.2| Homo sapiens ring finger and CCCH-type domains 2 (RC3H2), transcript va  
 gi|156105702|ref|NM\_001100409.1| Homo sapiens SUMO1/sentrin specific peptidase 6 (SEN6), transcript  
 gi|156105704|ref|NM\_017719.4| Homo sapiens SNF related kinase (SNRK), transcript variant 1, mRNA; gi|1  
 gi|156105708|ref|NM\_012108.2| Homo sapiens signal transducing adaptor family member 1 (STAP1), mRN  
 gi|156119596|ref|NM\_001101676.1| Homo sapiens sterile alpha motif domain containing 12 (SAMD12), tra  
 gi|156119598|ref|NM\_212558.2| Homo sapiens transmembrane protein 215 (TMEM215), mRNA;  
 gi|156119602|ref|NM\_001101677.1| Homo sapiens spermatogenesis and oogenesis specific basic helix-loo

gi|156119604|ref|NM\_012204.2| Homo sapiens general transcription factor IIIC, polypeptide 4, 90kDa (GTF  
gi|156119606|ref|NM\_001005512.2| Homo sapiens olfactory receptor, family 4, subfamily A, member 47 (  
gi|156119610|ref|NM\_001001343.3| Homo sapiens fibronectin type III domain containing 9 (FNDC9), mRNA;  
gi|156119619|ref|NM\_033160.5| Homo sapiens zinc finger protein 658 (ZNF658), mRNA;  
gi|156119623|ref|NR\_003528.2| Homo sapiens zinc finger protein 658 pseudogene (LOC653501), non-codi  
gi|156139121|ref|NM\_030625.2| Homo sapiens tet methylcytosine dioxygenase 1 (TET1), mRNA;  
gi|156139126|ref|NM\_024942.3| Homo sapiens chromosome 10 open reading frame 88 (C10orf88), mRNA  
gi|156139128|ref|NM\_024952.6| Homo sapiens chromosome 14 open reading frame 159 (C14orf159), tran  
gi|156139138|ref|NM\_024955.5| Homo sapiens FAD-dependent oxidoreductase domain containing 2 (FOXI  
gi|156139154|ref|NM\_001102386.1| Homo sapiens guanine nucleotide binding protein, alpha transducing  
gi|156142175|ref|NM\_014177.2| Homo sapiens translocase of inner mitochondrial membrane 21 homolog  
gi|156142179|ref|NM\_014593.3| Homo sapiens CXXC finger protein 1 (CXXC1), transcript variant 2, mRNA;  
gi|156142183|ref|NM\_016466.5| Homo sapiens ankyrin repeat domain 39 (ANKRD39), mRNA;  
gi|156142185|ref|NM\_015986.3| Homo sapiens cytokine receptor-like factor 3 (CRLF3), mRNA;  
gi|156142187|ref|NM\_016603.2| Homo sapiens family with sequence similarity 13, member B (FAM13B), t  
gi|156142193|ref|NM\_005880.3| Homo sapiens DnaJ (Hsp40) homolog, subfamily A, member 2 (DNAJA2), i  
gi|156142194|ref|NM\_000675.4| Homo sapiens adenosine A2a receptor (ADORA2A), mRNA;  
gi|156142195|ref|NM\_022648.4| Homo sapiens tensin 1 (TNS1), mRNA;  
gi|156142198|ref|NM\_025256.5| Homo sapiens euchromatic histone-lysine N-methyltransferase 2 (EHMT2  
gi|156151365|ref|NM\_014181.2| Homo sapiens lectin, galactoside-binding-like (LGALS1), mRNA;  
gi|156151367|ref|NR\_003698.1| Homo sapiens fumarylacetoacetate hydrolase domain containing 2A pseu  
gi|156151370|ref|NM\_016531.5| Homo sapiens Kruppel-like factor 3 (basic) (KLF3), mRNA;  
gi|156151374|ref|NM\_031243.2| Homo sapiens heterogeneous nuclear ribonucleoprotein A2/B1 (HNRNPA  
gi|156151378|ref|NM\_001102396.1| Homo sapiens suppressor of IKBKE 1 (SIKE1), transcript variant 1, mRN  
gi|156151380|ref|NM\_025075.2| Homo sapiens THO complex 7 homolog (Drosophila) (THOC7), mRNA;  
gi|156151382|ref|NM\_025079.2| Homo sapiens zinc finger CCCH-type containing 12A (ZC3H12A), mRNA;  
gi|156151385|ref|NM\_025087.2| Homo sapiens cell wall biogenesis 43 C-terminal homolog (S. cerevisiae) (  
gi|156151388|ref|NM\_025107.2| Homo sapiens myc target 1 (MYCT1), mRNA;  
gi|156151390|ref|NM\_005826.3| Homo sapiens heterogeneous nuclear ribonucleoprotein R (HNRNPR), tra  
gi|156151401|ref|NM\_025113.2| Homo sapiens KIAA0226-like (KIAA0226L), mRNA;  
gi|156151410|ref|NM\_001102401.1| Homo sapiens TELO2 interacting protein 2 (TTI2), transcript variant 1,  
gi|156151412|ref|NM\_025128.4| Homo sapiens MUS81 endonuclease homolog (S. cerevisiae) (MUS81), m  
gi|156151419|ref|NM\_025130.3| Homo sapiens hexokinase domain containing 1 (HKDC1), mRNA;  
gi|156151429|ref|NM\_025139.3| Homo sapiens armadillo repeat containing 9 (ARMC9), mRNA;  
gi|156151442|ref|NM\_001102406.1| Homo sapiens alpha-kinase 1 (ALPK1), transcript variant 2, mRNA; gi|  
gi|156151444|ref|NM\_025149.4| Homo sapiens acyl-CoA synthetase family member 2 (ACSF2), mRNA;  
gi|15619000|ref|NM\_033377.1| Homo sapiens chorionic gonadotropin, beta polypeptide 1 (CGB1), mRNA;  
gi|15619002|ref|NM\_033378.1| Homo sapiens chorionic gonadotropin, beta polypeptide 2 (CGB2), mRNA;  
gi|15619004|ref|NM\_030967.2| Homo sapiens keratin associated protein 1-1 (KRTAP1-1), mRNA;  
gi|156231038|ref|NR\_003700.1| Homo sapiens phosphatidylinositol 4-kinase, catalytic, alpha pseudogene  
gi|156231048|ref|NM\_001102421.1| Homo sapiens zinc finger, AN1-type domain 5 (ZFAND5), transcript va  
gi|156231066|ref|NM\_001102426.1| Homo sapiens TBC1 domain family, member 8 (with GRAM domain) (  
gi|156231346|ref|NM\_013300.2| Homo sapiens family with sequence similarity 216, member A (FAM216A)  
gi|156231348|ref|NM\_016044.2| Homo sapiens fumarylacetoacetate hydrolase domain containing 2A (FAH  
gi|156231350|ref|NM\_013389.2| Homo sapiens NPC1 (Niemann-Pick disease, type C1, gene)-like 1 (NPC1L1  
gi|156231354|ref|NM\_030759.3| Homo sapiens nuclear receptor binding factor 2 (NRBF2), mRNA;  
gi|156415982|ref|NM\_014058.3| Homo sapiens transmembrane protease, serine 11E (TMPRSS11E), mRNA



gi|156415983|ref|NM\_013353.2| Homo sapiens tropomodulin 4 (muscle) (TMOD4), mRNA;

gi|156415989|ref|NM\_015982.3| Homo sapiens Y box binding protein 2 (YBX2), mRNA;

gi|156415993|ref|NM\_016037.3| Homo sapiens UTP11-like, U3 small nucleolar ribonucleoprotein, (yeast) (

gi|156415995|ref|NM\_016423.2| Homo sapiens zinc finger protein 219 (ZNF219), transcript variant 1, mRN

gi|156415999|ref|NM\_016406.3| Homo sapiens ubiquitin-fold modifier conjugating enzyme 1 (UFC1), mRN

gi|156416001|ref|NM\_005028.4| Homo sapiens phosphatidylinositol-5-phosphate 4-kinase, type II, alpha (I

gi|156416002|ref|NM\_004168.2| Homo sapiens succinate dehydrogenase complex, subunit A, flavoprotein

gi|156416006|ref|NM\_001101653.1| Homo sapiens COMM domain containing 9 (COMMD9), transcript var

gi|156416008|ref|NM\_002928.3| Homo sapiens regulator of G-protein signaling 16 (RGS16), mRNA;

gi|156416015|ref|NM\_001101311.1| Homo sapiens transmembrane protein 176B (TMEM176B), transcript

gi|156416023|ref|NM\_001102450.1| Homo sapiens regulator of G-protein signaling 8 (RGS8), transcript var

gi|156416027|ref|NM\_012100.2| Homo sapiens aspartyl aminopeptidase (DNPEP), mRNA;

gi|156447020|ref|NM\_147150.2| Homo sapiens PALM2-AKAP2 readthrough (PALM2-AKAP2), transcript var

gi|156447036|ref|NM\_001102467.1| Homo sapiens aquaporin 12B (AQP12B), mRNA;

gi|156447043|ref|NM\_001102469.1| Homo sapiens lipase, family member N (LIPN), mRNA;

gi|156447413|ref|NR\_003701.1| Homo sapiens small nucleolar RNA, C/D box 58C (SNORD58C), small nucle

gi|156523233|ref|NM\_001721.6| Homo sapiens BMX non-receptor tyrosine kinase (BMX), transcript varian

gi|156523238|ref|NM\_001102560.1| Homo sapiens phosphatidic acid phosphatase type 2 domain containi

gi|156523242|ref|NM\_181621.3| Homo sapiens keratin associated protein 13-2 (KRTAP13-2), nuclear gene

gi|156523243|ref|NM\_001102562.1| Homo sapiens membrane-associated ring finger (C3HC4) 11 (MARCH1

gi|156523249|ref|NM\_024516.3| Homo sapiens chromosome 16 open reading frame 53 (C16orf53), mRNA

gi|156523250|ref|NM\_138409.2| Homo sapiens melanocortin 2 receptor accessory protein 2 (MRAP2), mR

gi|156523252|ref|NM\_033411.3| Homo sapiens RWD domain containing 2A (RWDD2A), mRNA;

gi|156523256|ref|NM\_182975.2| Homo sapiens zinc finger protein 326 (ZNF326), transcript variant 3, mRN

gi|156523257|ref|NM\_207312.2| Homo sapiens tubulin, alpha 3e (TUBA3E), mRNA;

gi|156523263|ref|NM\_001102564.1| Homo sapiens intraflagellar transport 43 homolog (Chlamydomonas)

gi|156523267|ref|NM\_152293.2| Homo sapiens transcriptional adaptor 2B (TADA2B), mRNA;

gi|156523269|ref|NM\_145719.2| Homo sapiens tigger transposable element derived 3 (TIGD3), mRNA;

gi|156523271|ref|NM\_153045.3| Homo sapiens chromosome 9 open reading frame 91 (C9orf91), mRNA;

gi|156523273|ref|NM\_178356.2| Homo sapiens late cornified envelope 4A (LCE4A), mRNA;

gi|156523274|ref|NM\_138700.3| Homo sapiens tripartite motif containing 40 (TRIM40), mRNA;

gi|156523276|ref|NM\_183065.2| Homo sapiens transmembrane protein 107 (TMEM107), transcript varian

gi|156523277|ref|NM\_030876.5| Homo sapiens olfactory receptor, family 5, subfamily V, member 1 (OR5V

gi|156523963|ref|NM\_014746.3| Homo sapiens ring finger protein 144A (RNF144A), mRNA;

gi|156523964|ref|NM\_000672.3| Homo sapiens alcohol dehydrogenase 6 (class V) (ADH6), transcript variar

gi|156523967|ref|NM\_001618.3| Homo sapiens poly (ADP-ribose) polymerase 1 (PARP1), mRNA;

gi|156523969|ref|NM\_001622.2| Homo sapiens alpha-2-HS-glycoprotein (AHSG), mRNA;

gi|156523971|ref|NM\_001279.3| Homo sapiens cell death-inducing DFFA-like effector a (CIDEA), transcript

gi|156523973|ref|NM\_001296.4| Homo sapiens chemokine binding protein 2 (CCBP2), mRNA;

gi|156546887|ref|NM\_016298.3| Homo sapiens F-box protein 40 (FBXO40), mRNA;

gi|156546889|ref|NM\_024949.5| Homo sapiens WW and C2 domain containing 2 (WWC2), mRNA;

gi|156546893|ref|NM\_001101802.1| Homo sapiens PHD finger protein 21A (PHF21A), transcript variant 1, i

gi|156546991|ref|NM\_013249.2| Homo sapiens zinc finger protein 214 (ZNF214), mRNA;

gi|156547038|ref|NM\_013361.4| Homo sapiens zinc finger protein 223 (ZNF223), mRNA;

gi|156547125|ref|NM\_182644.2| Homo sapiens EPH receptor A3 (EPHA3), transcript variant 2, mRNA; gi|1

gi|156547150|ref|NM\_001102576.1| Homo sapiens chondrosarcoma associated gene 1 (CSAG1), transcript

gi|156547241|ref|NM\_172251.2| Homo sapiens mitochondrial ribosomal protein L54 (MRPL54), nuclear ge

gi|156547244|ref|NM\_033288.3| Homo sapiens zinc finger protein 160 (ZNF160), transcript variant 1, mRNA;  
 gi|156564237|ref|NM\_001080824.1| Homo sapiens chromosome 2 open reading frame 89 (C2orf89), mRNA;  
 gi|156564239|ref|NM\_080667.5| Homo sapiens coiled-coil domain containing 104 (CCDC104), mRNA;  
 gi|156564356|ref|NM\_000904.3| Homo sapiens NAD(P)H dehydrogenase, quinone 2 (NQO2), mRNA;  
 gi|156564358|ref|NM\_033409.3| Homo sapiens solute carrier family 52, riboflavin transporter, member 3 (SLC52A3), mRNA;  
 gi|156564366|ref|NM\_001102592.1| Homo sapiens HEN1 methyltransferase homolog 1 (Arabidopsis) (HEN1), mRNA;  
 gi|156564370|ref|NM\_015681.3| Homo sapiens B9 protein domain 1 (B9D1), transcript variant 2, mRNA;  
 gi|156564371|ref|NM\_138435.2| Homo sapiens family with sequence similarity 83, member F (FAM83F), mRNA;  
 gi|156564379|ref|NM\_020892.2| Homo sapiens deltex homolog 2 (Drosophila) (DTX2), transcript variant 1, mRNA;  
 gi|156564387|ref|NM\_001102598.1| Homo sapiens carcinoembryonic antigen-related cell adhesion molecule 1 (CEACAM1), mRNA;  
 gi|156564397|ref|NM\_025077.3| Homo sapiens target of EGR1, member 1 (nuclear) (TOE1), mRNA;  
 gi|156564404|ref|NM\_005026.3| Homo sapiens phosphoinositide-3-kinase, catalytic, delta polypeptide (PIK3CD), mRNA;  
 gi|156564412|ref|NR\_003703.1| Homo sapiens small Cajal body-specific RNA 27 (SCARNA27), guide RNA;  
 gi|156564414|ref|NR\_003705.1| Homo sapiens small nucleolar RNA, H/ACA box 36C (retrotransposed) (SNORA36C), small nucleolar RNA;  
 gi|156564418|ref|NR\_003709.1| Homo sapiens small nucleolar RNA, H/ACA box 11B (retrotransposed) (SNORA11B), small nucleolar RNA;  
 gi|156564419|ref|NR\_003710.1| Homo sapiens small nucleolar RNA, H/ACA box 11C (retrotransposed) (SNORA11C), small nucleolar RNA;  
 gi|156564420|ref|NR\_003711.1| Homo sapiens small nucleolar RNA, H/ACA box 11D (SNORA11D), small nucleolar RNA;  
 gi|156602646|ref|NM\_000808.3| Homo sapiens gamma-aminobutyric acid (GABA) A receptor, alpha 3 (GABRG3), mRNA;  
 gi|156602649|ref|NM\_203506.2| Homo sapiens growth factor receptor-bound protein 2 (GRB2), transcript variant 1, mRNA;  
 gi|156602654|ref|NM\_145733.2| Homo sapiens septin 3 (SEPT3), transcript variant A, mRNA; gi|156602655|ref|NM\_001102609.1| Homo sapiens chromosome 5 open reading frame 58 (C5orf58), mRNA;  
 gi|156602658|ref|NM\_000223.3| Homo sapiens keratin 12 (KRT12), mRNA;  
 gi|156602659|ref|NM\_018206.4| Homo sapiens vacuolar protein sorting 35 homolog (S. cerevisiae) (VPS35), mRNA;  
 gi|156616267|ref|NM\_001102609.1| Homo sapiens chromosome 5 open reading frame 58 (C5orf58), mRNA;  
 gi|156616270|ref|NM\_153209.3| Homo sapiens kinesin family member 19 (KIF19), mRNA;  
 gi|156616272|ref|NM\_002664.2| Homo sapiens pleckstrin (PLEK), mRNA;  
 gi|156616277|ref|NM\_183243.2| Homo sapiens IMP (inosine 5'-monophosphate) dehydrogenase 1 (IMPDH1), mRNA;  
 gi|156616283|ref|NM\_002784.3| Homo sapiens pregnancy specific beta-1-glycoprotein 9 (PSG9), mRNA;  
 gi|156616289|ref|NM\_001102608.1| Homo sapiens collagen, type VI, alpha 6 (COL6A6), mRNA;  
 gi|156616293|ref|NM\_052890.3| Homo sapiens peptidoglycan recognition protein 2 (PGLYRP2), mRNA;  
 gi|156616295|ref|NM\_015691.3| Homo sapiens WWC family member 3 (WWC3), mRNA;  
 gi|156616296|ref|NM\_052903.4| Homo sapiens tubulin, gamma complex associated protein 5 (TUBGCP5), mRNA;  
 gi|156616300|ref|NM\_052904.3| Homo sapiens kelch-like 32 (Drosophila) (KLHL32), mRNA;  
 gi|156616307|ref|NM\_052928.2| Homo sapiens SET and MYND domain containing 4 (SMYD4), mRNA;  
 gi|156616319|ref|NM\_001102614.1| Homo sapiens solute carrier family 35, member G6 (SLC35G6), mRNA;  
 gi|156627538|ref|NM\_001010863.1| Homo sapiens chromosome 10 open reading frame 128 (C10orf128), mRNA;  
 gi|156627540|ref|NM\_001102659.1| Homo sapiens hCG1657980 (LOC200726), mRNA;  
 gi|156627556|ref|NM\_001102651.1| Homo sapiens zinc finger protein 554 (ZNF554), mRNA;  
 gi|156627558|ref|NM\_022144.2| Homo sapiens tenomodulin (TNMD), mRNA;  
 gi|156627562|ref|NM\_002924.4| Homo sapiens regulator of G-protein signaling 7 (RGS7), mRNA;  
 gi|156627564|ref|NM\_000324.2| Homo sapiens Rh-associated glycoprotein (RHAG), mRNA;  
 gi|156627572|ref|NM\_001102657.1| Homo sapiens zinc finger protein 836 (ZNF836), mRNA;  
 gi|156627574|ref|NM\_003115.4| Homo sapiens UDP-N-acetylglucosamine pyrophosphorylase 1 (UAP1), mRNA;  
 gi|156627576|ref|NM\_003241.3| Homo sapiens transglutaminase 4 (prostate) (TGM4), mRNA;  
 gi|156627578|ref|NM\_003278.2| Homo sapiens C-type lectin domain family 3, member B (CLEC3B), mRNA;  
 gi|156627583|ref|NM\_014398.3| Homo sapiens lysosomal-associated membrane protein 3 (LAMP3), mRNA;  
 gi|156630983|ref|NM\_017582.6| Homo sapiens ubiquitin-conjugating enzyme E2Q family member 1 (UBE2Q), mRNA;  
 gi|156630984|ref|NM\_000898.4| Homo sapiens monoamine oxidase B (MAOB), nuclear gene encoding mit

gi|156630987|ref|NM\_145738.2| Homo sapiens synaptogyrin 1 (SYNGR1), transcript variant 1c, mRNA; gi|156630994|ref|NM\_001102654.1| Homo sapiens neurotrophin 3 (NTF3), transcript variant 1, mRNA; gi|156630996|ref|NM\_019035.3| Homo sapiens protocadherin 18 (PCDH18), mRNA; gi|156630997|ref|NM\_030761.4| Homo sapiens wingless-type MMTV integration site family, member 4 (WIF1), mRNA; gi|156630998|ref|NM\_014868.4| Homo sapiens ring finger protein 10 (RNF10), mRNA; gi|156630999|ref|NM\_014372.4| Homo sapiens ring finger protein 11 (RNF11), mRNA; gi|156631002|ref|NM\_006913.3| Homo sapiens ring finger protein 5, E3 ubiquitin protein ligase (RNF5), mRNA; gi|156631004|ref|NM\_002812.4| Homo sapiens proteasome (prosome, macropain) 26S subunit, non-ATPase (PSMA2), mRNA; gi|156671210|ref|NM\_014920.3| Homo sapiens intestinal cell (MAK-like) kinase (ICK), transcript variant 1, mRNA; gi|156671214|ref|NM\_014964.4| Homo sapiens epsin 2 (EPN2), transcript variant 2, mRNA; gi|156671216|ref|NM\_015035.3| Homo sapiens small VCP/p97-interacting protein (SVIP), mRNA; gi|156713432|ref|NM\_020386.3| Homo sapiens HRAS-like suppressor (HRASLS), mRNA; gi|156713435|ref|NM\_003175.3| Homo sapiens chemokine (C motif) ligand 2 (XCL2), mRNA; gi|156713443|ref|NM\_001102668.1| Homo sapiens proteasome (prosome, macropain) subunit, alpha type 1 (PSMA1), mRNA; gi|156713452|ref|NR\_003714.1| Homo sapiens POM121 transmembrane nucleoporin-like 9, pseudogene (LOC100506488), mRNA; gi|156713454|ref|NM\_006841.4| Homo sapiens solute carrier family 38, member 3 (SLC38A3), mRNA; gi|156713455|ref|NR\_003715.1| Homo sapiens maltase-glucoamylase (alpha-glucosidase) pseudogene (LOC100506489), mRNA; gi|156713456|ref|NM\_006542.3| Homo sapiens S-phase response (cyclin related) (SPHAR), mRNA; gi|156713482|ref|NR\_003717.1| Homo sapiens maltase-glucoamylase (alpha-glucosidase) pseudogene (LOC100506490), mRNA; gi|156766039|ref|NM\_015254.3| Homo sapiens kinesin family member 13B (KIF13B), mRNA; gi|156766040|ref|NM\_007257.5| Homo sapiens paraneoplastic Ma antigen 2 (PNMA2), mRNA; gi|156766046|ref|NM\_001103148.1| Homo sapiens GRB10 interacting GYF protein 2 (GIGYF2), transcript variant 1, mRNA; gi|156766049|ref|NM\_138420.2| Homo sapiens AHNK nucleoprotein 2 (AHNAK2), mRNA; gi|156766052|ref|NM\_018215.3| Homo sapiens paraneoplastic Ma antigen family-like 1 (PNMAL1), transcript variant 1, mRNA; gi|156766065|ref|NM\_001103151.1| Homo sapiens paraneoplastic Ma antigen family member 5 (PNMA5), transcript variant 1, mRNA; gi|156766067|ref|NM\_017525.2| Homo sapiens CDC42 binding protein kinase gamma (DMPK-like) (CDC42BP1), mRNA; gi|156766071|ref|NM\_001102658.1| Homo sapiens cancer/testis antigen 62 (CT62), mRNA; gi|156766083|ref|NM\_031418.2| Homo sapiens anoctamin 3 (ANO3), mRNA; gi|156766085|ref|NM\_198457.2| Homo sapiens zinc finger protein 600 (ZNF600), mRNA; gi|156938236|ref|NM\_001039083.3| Homo sapiens ADP-ribosylation factor-like 17B (ARL17B), transcript variant 1, mRNA; gi|156938256|ref|NM\_138360.3| Homo sapiens leucine rich repeat containing 16B (LRRC16B), mRNA; gi|156938278|ref|NM\_145653.3| Homo sapiens transcription elongation factor B polypeptide 3C (elongin A), mRNA; gi|156938286|ref|NM\_001103161.1| Homo sapiens SH2 domain containing 5 (SH2D5), transcript variant 1, mRNA; gi|156938330|ref|NM\_017922.3| Homo sapiens PRP39 pre-mRNA processing factor 39 homolog (S. cerevisiae) (PRP39), mRNA; gi|156938332|ref|NM\_002933.4| Homo sapiens ribonuclease, RNase A family, 1 (pancreatic) (RNASE1), transcript variant 1, mRNA; gi|156938335|ref|NM\_000246.3| Homo sapiens class II, major histocompatibility complex, transactivator (CIITA), mRNA; gi|156938337|ref|NM\_004678.2| Homo sapiens basic charge, Y-linked, 2 (BPY2), mRNA; gi|156938339|ref|NM\_012467.3| Homo sapiens tryptase gamma 1 (TPSG1), mRNA; gi|156938341|ref|NM\_001886.2| Homo sapiens crystallin, beta A4 (CRYBA4), mRNA; gi|156938342|ref|NM\_015059.2| Homo sapiens talin 2 (TLN2), mRNA; gi|157041214|ref|NM\_014069.2| Homo sapiens psoriasis susceptibility 1 candidate 2 (PSORS1C2), mRNA; gi|157041221|ref|NM\_001001916.2| Homo sapiens olfactory receptor, family 52, subfamily J, member 3 (C1orf110), mRNA; gi|157041236|ref|NM\_001103169.1| Homo sapiens arylacetamide deacetylase-like 3 (AADACL3), transcript variant 1, mRNA; gi|157041254|ref|NR\_002776.3| Homo sapiens MCM3AP antisense RNA 1 (non-protein coding) (MCM3AP-AS1), mRNA; gi|157042769|ref|NM\_199135.4| Homo sapiens forkhead box D4-like 3 (FOXD4L3), mRNA; gi|157042791|ref|NM\_001103175.1| Homo sapiens coiled-coil domain containing 64B (CCDC64B), mRNA; gi|157042796|ref|NR\_003038.2| Homo sapiens small nucleolar RNA host gene 5 (non-protein coding) (SNHG5), mRNA.

gi|157042799|ref|NM\_001103176.1| Homo sapiens canopy 1 homolog (zebrafish) (CNPY1), mRNA;

gi|157057143|ref|NR\_003719.1| Homo sapiens neuroblastoma breakpoint family, member 22, pseudogene

gi|157057146|ref|NR\_003720.1| Homo sapiens casein alpha s2-like A, pseudogene (CSN1S2AP), non-coding

gi|157057542|ref|NM\_052870.2| Homo sapiens sorting nexin 18 (SNX18), transcript variant 2, mRNA; gi|157057546|ref|NM\_001004310.2| Homo sapiens Fc receptor-like 6 (FCRL6), mRNA;

gi|157057555|ref|NR\_002743.2| Homo sapiens small nucleolar RNA, C/D box 50A (SNORD50A), small nucleolar RNA;

gi|157057556|ref|NR\_003044.3| Homo sapiens small nucleolar RNA, C/D box 50B (SNORD50B), small nucleolar RNA;

gi|157058291|ref|NM\_002528.5| Homo sapiens nth endonuclease III-like 1 (E. coli) (NTHL1), mRNA;

gi|157073879|ref|NR\_002836.2| Homo sapiens phosphoglucomutase 5 pseudogene 2 (PGM5P2), non-coding

gi|157074211|ref|NM\_000742.3| Homo sapiens cholinergic receptor, nicotinic, alpha 2 (neuronal) (CHRNA2), mRNA;

gi|157074213|ref|NM\_001031836.2| Homo sapiens potassium channel, subfamily U, member 1 (KCNU1), non-coding

gi|157151753|ref|NM\_001080836.2| Homo sapiens meiosis expressed gene 1 homolog (mouse) (MEIG1), non-coding

gi|157151754|ref|NM\_001104546.1| Homo sapiens ribonuclease P/MRP 30kDa subunit (RPP30), transcript variant 1, mRNA;

gi|157151758|ref|NM\_001104548.1| Homo sapiens MIR205 host gene (non-protein coding) (MIR205HG), non-coding

gi|157167157|ref|NM\_001039886.3| Homo sapiens zinc finger protein 808 (ZNF808), mRNA;

gi|157168348|ref|NM\_001099784.2| Homo sapiens F-box and leucine-rich repeat protein 19 (FBXL19), mRNA;

gi|157168352|ref|NM\_020696.2| Homo sapiens chromosome 16 open reading frame 74 (C16orf74), mRNA;

gi|157168353|ref|NM\_030767.4| Homo sapiens AT-hook transcription factor (AKNA), mRNA;

gi|157168370|ref|NM\_024744.14| Homo sapiens amyotrophic lateral sclerosis 2 (juvenile) chromosome region 1 (ALS2), mRNA;

gi|15718678|ref|NM\_005538.2| Homo sapiens inhibin, beta C (INHBC), mRNA;

gi|15718713|ref|NM\_003509.2| Homo sapiens histone cluster 1, H2ai (HIST1H2AI), mRNA;

gi|15718714|ref|NM\_003510.2| Homo sapiens histone cluster 1, H2ak (HIST1H2AK), mRNA;

gi|15718715|ref|NM\_021066.2| Homo sapiens histone cluster 1, H2aj (HIST1H2AJ), mRNA;

gi|15718716|ref|NM\_005322.2| Homo sapiens histone cluster 1, H1b (HIST1H1B), mRNA;

gi|15718717|ref|NM\_003511.2| Homo sapiens histone cluster 1, H2al (HIST1H2AL), mRNA;

gi|15718718|ref|NM\_003514.2| Homo sapiens histone cluster 1, H2am (HIST1H2AM), mRNA;

gi|15718719|ref|NM\_003519.3| Homo sapiens histone cluster 1, H2bl (HIST1H2BL), mRNA;

gi|15718720|ref|NM\_003520.3| Homo sapiens histone cluster 1, H2bn (HIST1H2BN), mRNA;

gi|15718721|ref|NM\_003521.2| Homo sapiens histone cluster 1, H2bm (HIST1H2BM), mRNA;

gi|15718723|ref|NM\_003533.2| Homo sapiens histone cluster 1, H3i (HIST1H3I), mRNA;

gi|15718724|ref|NM\_003535.2| Homo sapiens histone cluster 1, H3j (HIST1H3J), mRNA;

gi|15718725|ref|NM\_003536.2| Homo sapiens histone cluster 1, H3h (HIST1H3H), mRNA;

gi|15718726|ref|NM\_003541.2| Homo sapiens histone cluster 1, H4k (HIST1H4K), mRNA;

gi|15718728|ref|NM\_003546.2| Homo sapiens histone cluster 1, H4l (HIST1H4L), mRNA;

gi|157266261|ref|NM\_001102566.1| Homo sapiens Purkinje cell protein 4 like 1 (PCP4L1), mRNA;

gi|157266263|ref|NM\_198850.3| Homo sapiens pleckstrin homology-like domain, family B, member 3 (PHL1), mRNA;

gi|157266265|ref|NM\_198285.2| Homo sapiens WD repeat domain 86 (WDR86), mRNA;

gi|157266267|ref|NR\_003713.1| Homo sapiens programmed cell death 6 pseudogene (LOC728613), non-coding

gi|157266268|ref|NM\_001103167.1| Homo sapiens zinc finger, GATA-like protein 1 (ZGLP1), mRNA;

gi|157266284|ref|NM\_001102663.1| Homo sapiens neuroblastoma breakpoint family, member 16 (NBPF16), non-coding

gi|157266286|ref|NM\_006753.4| Homo sapiens surfactant protein 6 (SURF6), mRNA;

gi|157266291|ref|NM\_001631.3| Homo sapiens alkaline phosphatase, intestinal (ALPI), mRNA;

gi|157266295|ref|NM\_031313.2| Homo sapiens alkaline phosphatase, placental-like 2 (ALPPL2), mRNA;

gi|157266297|ref|NM\_000479.3| Homo sapiens anti-Müllerian hormone (AMH), mRNA;

gi|157266299|ref|NM\_001150.2| Homo sapiens alanyl (membrane) aminopeptidase (ANPEP), mRNA;

gi|157266306|ref|NM\_020980.3| Homo sapiens aquaporin 9 (AQP9), mRNA;

gi|157266308|ref|NM\_000047.2| Homo sapiens arylsulfatase E (chondrodysplasia punctata 1) (ARSE), mRNA;

gi|157266316|ref|NM\_001184.3| Homo sapiens ataxia telangiectasia and Rad3 related (ATR), mRNA;  
 gi|157266320|ref|NM\_002657.3| Homo sapiens pleiomorphic adenoma gene-like 2 (PLAGL2), mRNA;  
 gi|157266325|ref|NM\_000275.2| Homo sapiens oculocutaneous albinism II (OCA2), mRNA;  
 gi|157266327|ref|NM\_000465.2| Homo sapiens BRCA1 associated RING domain 1 (BARD1), mRNA;  
 gi|157266329|ref|NM\_001033.3| Homo sapiens ribonucleotide reductase M1 (RRM1), mRNA;  
 gi|157266333|ref|NM\_003322.3| Homo sapiens tubby like protein 1 (TULP1), mRNA;  
 gi|157266335|ref|NM\_001704.2| Homo sapiens brain-specific angiogenesis inhibitor 3 (BAI3), mRNA;  
 gi|157266336|ref|NM\_001713.2| Homo sapiens betaine--homocysteine S-methyltransferase (BHMT), mRNA;  
 gi|157266338|ref|NM\_003883.3| Homo sapiens histone deacetylase 3 (HDAC3), mRNA;  
 gi|157276587|ref|NM\_001717.3| Homo sapiens basonuclein 1 (BNC1), mRNA;  
 gi|157276596|ref|NM\_130851.2| Homo sapiens bone morphogenetic protein 4 (BMP4), transcript variant 3;  
 gi|157276598|ref|NM\_001725.2| Homo sapiens bactericidal/permeability-increasing protein (BPI), mRNA;  
 gi|157277987|ref|NM\_001104631.1| Homo sapiens phosphodiesterase 4D, cAMP-specific (PDE4D), transcript variant 1;  
 gi|157278029|ref|NR\_003921.1| Homo sapiens pro-melanin-concentrating hormone-like 1, pseudogene (PMCHL1);  
 gi|157278030|ref|NR\_003922.1| Homo sapiens pro-melanin-concentrating hormone-like 2, pseudogene (PMCHL2);  
 gi|157278105|ref|NM\_014887.2| Homo sapiens NEDD4 binding protein 2-like 2 (N4BP2L2), transcript variant 1;  
 gi|157278360|ref|NM\_001007595.2| Homo sapiens C2 calcium-dependent domain containing 4B (C2CD4B), mRNA;  
 gi|157311582|ref|NM\_014187.3| Homo sapiens transmembrane protein 208 (TMEM208), mRNA;  
 gi|157311587|ref|NM\_001080501.2| Homo sapiens transmembrane protein 223 (TMEM223), mRNA;  
 gi|157311596|ref|NM\_199337.2| Homo sapiens transmembrane protein 179B (TMEM179B), mRNA;  
 gi|157311619|ref|NM\_080877.2| Homo sapiens solute carrier family 34 (sodium phosphate), member 3 (SLC34A3), mRNA;  
 gi|157311621|ref|NM\_182617.3| Homo sapiens acyl-CoA synthetase medium-chain family member 2B (ACSM2B), mRNA;  
 gi|157311634|ref|NM\_198488.3| Homo sapiens family with sequence similarity 83, member H (FAM83H), mRNA;  
 gi|157364925|ref|NM\_001093730.1| Homo sapiens dystrotelin (DYTN), mRNA;  
 gi|157364933|ref|NM\_001105079.1| Homo sapiens fibrosin (FBR5), mRNA;  
 gi|157364936|ref|NM\_016023.3| Homo sapiens OTU domain containing 6B (OTUD6B), mRNA;  
 gi|157364938|ref|NM\_006204.3| Homo sapiens phosphodiesterase 6C, cGMP-specific, cone, alpha prime (PDE6C), mRNA;  
 gi|157364940|ref|NM\_152357.2| Homo sapiens zinc finger protein 440 (ZNF440), mRNA;  
 gi|157364956|ref|NM\_005972.4| Homo sapiens pancreatic polypeptide receptor 1 (PPYR1), mRNA;  
 gi|157364958|ref|NR\_003924.1| Homo sapiens small nucleolar RNA, C/D box 3B-2 (SNORD3B-2), small nucleolar RNA;  
 gi|157364961|ref|NR\_003925.1| Homo sapiens RNA, U4 small nuclear 1 (RNU4-1), small nuclear RNA;  
 gi|157364962|ref|NM\_001010895.2| Homo sapiens excision repair cross-complementing rodent repair deficiency protein 1 (XRCC1), mRNA;  
 gi|157384935|ref|NM\_001080465.2| Homo sapiens chromosome 17 open reading frame 98 (C17orf98), mRNA;  
 gi|157384970|ref|NM\_005255.2| Homo sapiens cyclin G associated kinase (GAK), mRNA;  
 gi|157384972|ref|NM\_003285.2| Homo sapiens tenascin R (restrictin, janusin) (TNR), mRNA;  
 gi|157384976|ref|NM\_001510.2| Homo sapiens glutamate receptor, ionotropic, delta 2 (GRID2), mRNA;  
 gi|157384985|ref|NM\_001105192.1| Homo sapiens transducin-like enhancer of split 3 (E(sp1) homolog, Drp1) (TLE3), mRNA;  
 gi|157388901|ref|NM\_017789.4| Homo sapiens sema domain, immunoglobulin domain (Ig), transmembrane type 1 (Sema4), mRNA;  
 gi|157388903|ref|NM\_017802.3| Homo sapiens HEAT repeat containing 2 (HEATR2), mRNA;  
 gi|157388905|ref|NM\_017806.2| Homo sapiens Lck interacting transmembrane adaptor 1 (LIME1), mRNA;  
 gi|157388909|ref|NM\_017858.2| Homo sapiens TIMELESS interacting protein (TIPIN), mRNA;  
 gi|157388913|ref|NM\_017867.2| Homo sapiens chromosome 4 open reading frame 27 (C4orf27), mRNA;  
 gi|157388915|ref|NR\_003920.1| Homo sapiens chromosome 4 open reading frame 27 pseudogene (LOC388915), mRNA;  
 gi|157388916|ref|NM\_018008.3| Homo sapiens FEZ family zinc finger 2 (FEZF2), mRNA;  
 gi|157388918|ref|NM\_017956.3| Homo sapiens tRNA methyltransferase 12 homolog (S. cerevisiae) (TRMT12), mRNA;  
 gi|157388920|ref|NM\_017905.4| Homo sapiens transmembrane and coiled-coil domains 3 (TMCO3), mRNA;  
 gi|157388922|ref|NM\_017947.2| Homo sapiens molybdenum cofactor sulfurase (MOCOS), mRNA;

gi|157388924|ref|NM\_017875.2| Homo sapiens solute carrier family 25, member 38 (SLC25A38), nuclear g

gi|157388926|ref|NM\_017909.2| Homo sapiens required for meiotic nuclear division 1 homolog (S. cerevisi

gi|157388928|ref|NM\_017957.2| Homo sapiens epsin 3 (EPN3), mRNA;

gi|157388934|ref|NM\_001104545.1| Homo sapiens family with sequence similarity 70, member A (FAM70/

gi|157388936|ref|NM\_017919.2| Homo sapiens syntaxin 17 (STX17), mRNA;

gi|157388938|ref|NM\_017983.5| Homo sapiens WD repeat domain, phosphoinositide interacting 1 (WIP1)

gi|157388940|ref|NM\_017998.2| Homo sapiens chromosome 9 open reading frame 40 (C9orf40), mRNA;

gi|157388942|ref|NM\_017728.3| Homo sapiens transmembrane protein 104 (TMEM104), mRNA;

gi|157388944|ref|NM\_017770.3| Homo sapiens ELOVL fatty acid elongase 2 (ELOVL2), mRNA;

gi|157388948|ref|NM\_001104558.1| Homo sapiens ELOVL fatty acid elongase 7 (ELOVL7), transcript varian

gi|157388952|ref|NM\_017986.3| Homo sapiens solute carrier family 52, riboflavin transporter, member 1 (

gi|157388954|ref|NM\_018042.3| Homo sapiens schlafen family member 12 (SLFN12), mRNA;

gi|157388956|ref|NM\_001104587.1| Homo sapiens schlafen family member 11 (SLFN11), transcript variant

gi|157388966|ref|NM\_018219.2| Homo sapiens coiled-coil domain containing 87 (CCDC87), mRNA;

gi|157388968|ref|NM\_018248.2| Homo sapiens nei endonuclease VIII-like 3 (E. coli) (NEIL3), mRNA;

gi|157388970|ref|NM\_001104595.1| Homo sapiens family with sequence similarity 118, member A (FAM11

gi|157388974|ref|NM\_017785.4| Homo sapiens coiled-coil domain containing 99 (CCDC99), mRNA;

gi|157388980|ref|NM\_018302.2| Homo sapiens chromosome 4 open reading frame 19 (C4orf19), transcrip

gi|157388982|ref|NM\_018317.2| Homo sapiens TBC1 domain family, member 19 (TBC1D19), mRNA;

gi|157388988|ref|NM\_001104647.1| Homo sapiens solute carrier family 25 (pyrimidine nucleotide carrier )

gi|157388992|ref|NM\_018373.2| Homo sapiens synaptojanin 2 binding protein (SYNJ2BP), mRNA;

gi|157388994|ref|NM\_018257.2| Homo sapiens protein-L-isoaspartate (D-aspartate) O-methyltransferase c

gi|157389002|ref|NM\_144614.3| Homo sapiens methyl-CpG binding domain protein 3-like 2 (MBD3L2), mR

gi|157389008|ref|NM\_175874.3| Homo sapiens chromosome 12 open reading frame 60 (C12orf60), mRNA

gi|157389010|ref|NM\_000094.3| Homo sapiens collagen, type VII, alpha 1 (COL7A1), mRNA;

gi|157389013|ref|NM\_001408.2| Homo sapiens cadherin, EGF LAG seven-pass G-type receptor 2 (flamingo

gi|157389017|ref|NM\_000811.2| Homo sapiens gamma-aminobutyric acid (GABA) A receptor, alpha 6 (GAB

gi|157389022|ref|NM\_017705.3| Homo sapiens progesterone and adipoQ receptor family member V (PAQR5),

gi|157412239|ref|NM\_001101330.1| Homo sapiens hCG1645220 (LOC728819), mRNA;

gi|157412244|ref|NM\_001105203.1| Homo sapiens RUN and SH3 domain containing 1 (RUSC1), transcript v

gi|157412250|ref|NM\_001101337.1| Homo sapiens chromosome 3 open reading frame 79 (C3orf79), mRN

gi|157412252|ref|NM\_001101338.1| Homo sapiens zinc finger protein 883 (ZNF883), mRNA;

gi|157412254|ref|NM\_014819.4| Homo sapiens praja ring finger 2, E3 ubiquitin protein ligase (PJA2), mRN

gi|157412256|ref|NM\_001101339.1| Homo sapiens chromosome 12 open reading frame 77 (C12orf77), m

gi|157412262|ref|NM\_020348.2| Homo sapiens cyclin M1 (CNNM1), mRNA;

gi|157412266|ref|NM\_013359.2| Homo sapiens zinc finger protein 221 (ZNF221), mRNA;

gi|157412268|ref|NM\_014504.2| Homo sapiens RAB guanine nucleotide exchange factor (GEF) 1 (RABGEF1

gi|157412272|ref|NM\_001101341.1| Homo sapiens surfactant associated 3 (SFTA3), mRNA;

gi|157412274|ref|NR\_003927.1| Homo sapiens urate oxidase, pseudogene (UOX), non-coding RNA;

gi|157412281|ref|NM\_001105214.1| Homo sapiens ash2 (absent, small, or homeotic)-like (Drosophila) (ASI

gi|157415949|ref|NM\_001101340.1| Homo sapiens chromosome 19 open reading frame 76 (C19orf76), m

gi|157419117|ref|NM\_030577.2| Homo sapiens transmembrane protein 177 (TMEM177), transcript varian

gi|157419133|ref|NM\_003471.3| Homo sapiens potassium voltage-gated channel, shaker-related subfamily

gi|157419137|ref|NM\_005562.2| Homo sapiens laminin, gamma 2 (LAMC2), transcript variant 1, mRNA; gi|

gi|157419141|ref|NM\_005092.3| Homo sapiens tumor necrosis factor (ligand) superfamily, member 18 (TN

gi|157419146|ref|NM\_183078.2| Homo sapiens ring finger protein 8, E3 ubiquitin protein ligase (RNF8), tra

gi|157419147|ref|NM\_005446.3| Homo sapiens purinergic receptor P2X, ligand-gated ion channel, 6 (P2RX

gi|157419151|ref|NM\_001105244.1| Homo sapiens protein tyrosine phosphatase, receptor type, M (PTPRM)

gi|157419153|ref|NM\_003005.3| Homo sapiens selectin P (granule membrane protein 140kDa, antigen CD1

gi|157426822|ref|NM\_033176.1| Homo sapiens NK2 homeobox 4 (NKX2-4), mRNA;

gi|157426828|ref|NM\_001101391.1| Homo sapiens leucine rich repeat and Ig domain containing 3 (LINGO3

gi|157426838|ref|NM\_001099851.1| Homo sapiens PRAME family member 17 (PRAMEF17), mRNA;

gi|157426841|ref|NM\_015885.3| Homo sapiens PCF11, cleavage and polyadenylation factor subunit, homo

gi|157426843|ref|NM\_181842.2| Homo sapiens zinc finger and BTB domain containing 12 (ZBTB12), mRNA

gi|157426844|ref|NM\_020766.2| Homo sapiens protocadherin 19 (PCDH19), transcript variant 2, mRNA; gi

gi|157426855|ref|NM\_001105247.1| Homo sapiens armadillo repeat containing 5 (ARMC5), transcript varia

gi|157426858|ref|NM\_024780.4| Homo sapiens transmembrane channel-like 5 (TMC5), transcript variant 3

gi|157426863|ref|NM\_014733.3| Homo sapiens zinc finger, FYVE domain containing 16 (ZFYE16), transcrip

gi|157426872|ref|NM\_001057.2| Homo sapiens tachykinin receptor 2 (TACR2), mRNA;

gi|157426874|ref|NM\_024963.4| Homo sapiens F-box and leucine-rich repeat protein 18 (FBXL18), mRNA;

gi|157426876|ref|NM\_005772.3| Homo sapiens RNA terminal phosphate cyclase-like 1 (RCL1), mRNA;

gi|157426878|ref|NM\_017921.2| Homo sapiens nuclear protein localization 4 homolog (S. cerevisiae) (NPL4

gi|157426880|ref|NM\_001101387.1| Homo sapiens phosphoinositide-interacting regulator of transient rec

gi|157426884|ref|NM\_004803.3| Homo sapiens solute carrier family 22, member 14 (SLC22A14), mRNA;

gi|157426888|ref|NM\_205768.2| Homo sapiens zinc finger protein 238 (ZNF238), transcript variant 1, mRN

gi|157426890|ref|NM\_004826.2| Homo sapiens endothelin converting enzyme-like 1 (ECE1), mRNA;

gi|157426892|ref|NM\_021927.2| Homo sapiens GUF1 GTPase homolog (S. cerevisiae) (GUF1), mRNA;

gi|157426894|ref|NM\_000179.2| Homo sapiens mutS homolog 6 (E. coli) (MSH6), mRNA;

gi|157426897|ref|NM\_006778.3| Homo sapiens tripartite motif containing 10 (TRIM10), transcript variant 1

gi|157426903|ref|NM\_015221.2| Homo sapiens dynamin binding protein (DNMBP), mRNA;

gi|157427194|ref|NM\_001101357.1| Homo sapiens coiled-coil domain containing 160 (CCDC160), mRNA;

gi|157427658|ref|NM\_031290.2| Homo sapiens coiled-coil domain containing 70 (CCDC70), mRNA;

gi|157427664|ref|NM\_001105193.1| Homo sapiens family with sequence similarity 123C (FAM123C), trans

gi|157427670|ref|NM\_004796.4| Homo sapiens neurexin 3 (NRXN3), transcript variant 1, mRNA; gi|157427

gi|157427674|ref|NM\_005099.4| Homo sapiens ADAM metallopeptidase with thrombospondin type 1 mot

gi|157427676|ref|NM\_004911.4| Homo sapiens protein disulfide isomerase family A, member 4 (PDIA4), m

gi|157427678|ref|NM\_014782.5| Homo sapiens armadillo repeat containing, X-linked 2 (ARMCX2), mRNA; i

gi|157427681|ref|NR\_003928.1| Homo sapiens CHIA-like pseudogene (RP11-165H20.1), non-coding RNA;

gi|157427683|ref|NR\_003930.1| Homo sapiens patched domain containing 3 pseudogene (LOC387647), no

gi|157427690|ref|NM\_001105281.1| Homo sapiens fatty acid binding protein 12 (FABP12), mRNA;

gi|15743546|ref|NM\_016167.3| Homo sapiens nucleolar protein 7, 27kDa (NOL7), mRNA;

gi|157502164|ref|NM\_001105517.1| Homo sapiens family with sequence similarity 58, member B, pseudog

gi|157502166|ref|NM\_001105519.1| Homo sapiens chromosome 2 open reading frame 70 (C2orf70), mRN

gi|157502168|ref|NM\_001002036.3| Homo sapiens astacin-like metallo-endopeptidase (M12 family) (ASTL

gi|157502170|ref|NM\_014758.2| Homo sapiens sorting nexin 19 (SNX19), mRNA;

gi|157502172|ref|NM\_182623.2| Homo sapiens family with sequence similarity 131, member C (FAM131C)

gi|157502176|ref|NM\_145755.2| Homo sapiens tetratricopeptide repeat domain 21A (TTC21A), transcript v

gi|157502180|ref|NM\_139075.3| Homo sapiens two pore segment channel 2 (TPCN2), mRNA;

gi|157502183|ref|NM\_145027.4| Homo sapiens kinesin family member 6 (KIF6), mRNA;

gi|157502185|ref|NM\_152341.3| Homo sapiens progesterone and adiponectin receptor family member IV (PAQR4),

gi|157502186|ref|NM\_173565.3| Homo sapiens radial spoke head 10 homolog B (Chlamydomonas) (RSPH1

gi|157502190|ref|NM\_182762.3| Homo sapiens metastasis associated in colon cancer 1 (MACC1), mRNA;

gi|157502192|ref|NM\_002817.3| Homo sapiens proteasome (prosome, macropain) 26S subunit, non-ATPase

gi|157502196|ref|NM\_014738.4| Homo sapiens KIAA0195 (KIAA0195), mRNA;

gi|157502200|ref|NM\_005845.3| Homo sapiens ATP-binding cassette, sub-family C (CFTR/MRP), member 4

gi|157502204|ref|NM\_001040282.2| Homo sapiens TBC1 domain family, member 3G (TBC1D3G), mRNA;

gi|157502206|ref|NM\_017673.6| Homo sapiens SWT1 RNA endoribonuclease homolog (S. cerevisiae) (SWT

gi|157502211|ref|NM\_017423.2| Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetyl

gi|157502213|ref|NM\_015720.2| Homo sapiens podocalyxin-like 2 (PODXL2), mRNA;

gi|157502219|ref|NM\_001105520.1| Homo sapiens chromosome 17 open reading frame 100 (C17orf100),

gi|157502221|ref|NM\_012483.2| Homo sapiens granulysin (GNLY), transcript variant 519, mRNA; gi|157502226|ref|NM\_001105522.1| Homo sapiens tripartite motif containing 49-like 1 (TRIM49L1), mRNA

gi|157504498|ref|NM\_198471.2| Homo sapiens KN motif and ankyrin repeat domains 3 (KANK3), mRNA;

gi|157649068|ref|NM\_001105529.1| Homo sapiens ATPase, aminophospholipid transporter (APLT), class I,

gi|157649070|ref|NM\_024490.3| Homo sapiens ATPase, class V, type 10A (ATP10A), mRNA;

gi|157649072|ref|NM\_001105530.1| Homo sapiens CAP, adenylate cyclase-associated protein 1 (yeast) (CA

gi|157653328|ref|NM\_002593.3| Homo sapiens procollagen C-endopeptidase enhancer (PCOLCE), mRNA;

gi|157671914|ref|NM\_198460.2| Homo sapiens guanylate binding protein family, member 6 (GBP6), mRNA

gi|157671916|ref|NM\_198995.2| Homo sapiens chromosome 18 open reading frame 34 (C18orf34), transcr

gi|157671924|ref|NM\_012239.5| Homo sapiens sirtuin 3 (SIRT3), nuclear gene encoding mitochondrial prot

gi|157671926|ref|NM\_145207.2| Homo sapiens spermatogenesis associated 5 (SPATA5), mRNA;

gi|157671928|ref|NM\_002645.2| Homo sapiens phosphoinositide-3-kinase, class 2, alpha polypeptide (PIK3

gi|157671930|ref|NM\_178498.3| Homo sapiens solute carrier family 5 (sodium/glucose cotransporter), me

gi|157671932|ref|NM\_144980.3| Homo sapiens chromosome 6 open reading frame 118 (C6orf118), mRNA

gi|157671944|ref|NM\_024913.4| Homo sapiens chromosome 7 open reading frame 58 (C7orf58), transcrip

gi|157671948|ref|NM\_012421.3| Homo sapiens rearranged L-myc fusion (RLF), mRNA;

gi|157671952|ref|NM\_201574.2| Homo sapiens solute carrier family 4, anion exchanger, member 3 (SLC4A

gi|157671954|ref|NR\_003934.1| Homo sapiens GTF2I repeat domain containing 1-like (LOC729156), non-cc

gi|157674353|ref|NM\_182758.2| Homo sapiens WD repeat domain 72 (WDR72), mRNA;

gi|157674355|ref|NM\_001101320.1| Homo sapiens serpin peptidase inhibitor, clade E (nexin, plasminogen

gi|157674357|ref|NM\_178452.4| Homo sapiens dynein, axonemal, assembly factor 1 (DNAAF1), mRNA;

gi|157674359|ref|NM\_020699.2| Homo sapiens GATA zinc finger domain containing 2B (GATAD2B), mRNA;

gi|157674362|ref|NM\_014330.3| Homo sapiens protein phosphatase 1, regulatory subunit 15A (PPP1R15A)

gi|157676326|ref|NM\_031455.3| Homo sapiens coiled-coil domain containing 3 (CCDC3), mRNA;

gi|157676330|ref|NM\_014282.2| Homo sapiens hyaluronan binding protein 4 (HABP4), mRNA;

gi|157676333|ref|NM\_021259.2| Homo sapiens transmembrane protein 8A (TMEM8A), mRNA;

gi|157676339|ref|NM\_001105537.1| Homo sapiens zinc finger protein 142 (ZNF142), mRNA;

gi|157688562|ref|NM\_000990.4| Homo sapiens ribosomal protein L27a (RPL27A), mRNA;

gi|157694486|ref|NM\_006382.3| Homo sapiens CMT1A duplicated region transcript 1 (CDRT1), mRNA;

gi|157694491|ref|NM\_014520.3| Homo sapiens MYB binding protein (P160) 1a (MYBBP1A), transcript varia

gi|157694498|ref|NM\_001105539.1| Homo sapiens zinc finger and BTB domain containing 10 (ZBTB10), tra

gi|157694509|ref|NM\_024693.4| Homo sapiens enoyl CoA hydratase domain containing 3 (ECHDC3), nucle

gi|157694510|ref|NM\_015658.3| Homo sapiens nucleolar complex associated 2 homolog (S. cerevisiae) (NC

gi|157694512|ref|NM\_018490.2| Homo sapiens leucine-rich repeat containing G protein-coupled receptor

gi|157694514|ref|NM\_182924.3| Homo sapiens MICAL-like 2 (MICALL2), transcript variant 1, mRNA;

gi|157694518|ref|NM\_018479.3| Homo sapiens enoyl CoA hydratase domain containing 1 (ECHDC1), transcr

gi|157694523|ref|NM\_015103.2| Homo sapiens plexin D1 (PLXND1), mRNA;

gi|157694525|ref|NM\_031281.2| Homo sapiens Fc receptor-like 5 (FCRL5), transcript variant 1, mRNA; gi|3

gi|157738608|ref|NM\_024602.5| Homo sapiens HECT domain containing E3 ubiquitin protein ligase 3 (HEC

gi|157738612|ref|NM\_001105563.1| Homo sapiens coiled-coil alpha-helical rod protein 1 (CCHCR1), transcr

gi|157738622|ref|NM\_033180.4| Homo sapiens olfactory receptor, family 51, subfamily B, member 2 (OR5



gi|157738630|ref|NR\_003938.1| Homo sapiens small nucleolar RNA, C/D box 81 (SNORD81), small nucleola  
 gi|157738631|ref|NR\_003939.1| Homo sapiens small nucleolar RNA, C/D box 79 (SNORD79), small nucleola  
 gi|157738632|ref|NR\_003940.1| Homo sapiens small nucleolar RNA, C/D box 80 (SNORD80), small nucleola  
 gi|157738634|ref|NR\_003941.1| Homo sapiens small nucleolar RNA, C/D box 75 (SNORD75), small nucleola  
 gi|157738635|ref|NR\_003942.1| Homo sapiens small nucleolar RNA, C/D box 76 (SNORD76), small nucleola  
 gi|157738636|ref|NR\_003943.1| Homo sapiens small nucleolar RNA, C/D box 77 (SNORD77), small nucleola  
 gi|157738637|ref|NR\_003944.1| Homo sapiens small nucleolar RNA, C/D box 78 (SNORD78), small nucleola  
 gi|157738638|ref|NM\_032865.5| Homo sapiens tensin 4 (TNS4), mRNA;  
 gi|157738646|ref|NM\_001105543.1| Homo sapiens plexin A4 (PLXNA4), transcript variant 3, mRNA; gi|157  
 gi|157738648|ref|NM\_005382.2| Homo sapiens neurofilament, medium polypeptide (NEFM), transcript vai  
 gi|157738662|ref|NM\_001105554.1| Homo sapiens zinc finger protein 83 (ZNF83), transcript variant 7, mR  
 gi|157738664|ref|NM\_032789.3| Homo sapiens poly (ADP-ribose) polymerase family, member 10 (PARP10  
 gi|157738681|ref|NM\_004909.3| Homo sapiens CSAG family, member 2 (CSAG2), transcript variant 2, mRN  
 gi|157738684|ref|NM\_198179.2| Homo sapiens pyroglutamylated RFamide peptide receptor (QRFPR), mRN  
 gi|157738686|ref|NM\_001105558.1| Homo sapiens WEE1 homolog 2 (S. pombe) (WEE2), mRNA;  
 gi|157738693|ref|NM\_006018.2| Homo sapiens hydroxycarboxylic acid receptor 3 (HCAR3), mRNA;  
 gi|157739929|ref|NM\_018009.4| Homo sapiens TAP binding protein-like (TAPBPL), mRNA;  
 gi|157739931|ref|NM\_001105569.1| Homo sapiens mesogenin 1 (MSGN1), mRNA;  
 gi|157739935|ref|NM\_024688.2| Homo sapiens chromosome 10 open reading frame 68 (C10orf68), mRNA  
 gi|157739939|ref|NM\_001105570.1| Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type m  
 gi|157739944|ref|NM\_025185.3| Homo sapiens tetratricopeptide repeat, ankyrin repeat and coiled-coil coi  
 gi|157743242|ref|NM\_001105572.1| Homo sapiens phospholipase A2, group IIC (PLA2G2C), mRNA;  
 gi|157743244|ref|NM\_015131.1| Homo sapiens WD repeat domain 43 (WDR43), mRNA;  
 gi|157743246|ref|NM\_001105573.1| Homo sapiens F-box protein 45 (FBXO45), mRNA;  
 gi|157743250|ref|NM\_031903.2| Homo sapiens mitochondrial ribosomal protein L32 (MRPL32), nuclear ge  
 gi|157743251|ref|NM\_032223.2| Homo sapiens pecanex-like 3 (Drosophila) (PCNXL3), mRNA;  
 gi|157743258|ref|NM\_001105574.1| Homo sapiens H6 family homeobox 3 (HMX3), mRNA;  
 gi|157743274|ref|NM\_031468.3| Homo sapiens calneuron 1 (CALN1), transcript variant 1, mRNA; gi|15774  
 gi|157743279|ref|NM\_001105577.1| Homo sapiens parahox cluster neighbor (PRHOXNB), mRNA;  
 gi|157743281|ref|NM\_001105578.1| Homo sapiens synaptonemal complex central element protein 2 (SYCI  
 gi|157743283|ref|NM\_173595.3| Homo sapiens ankyrin repeat domain 52 (ANKRD52), mRNA;  
 gi|157743285|ref|NM\_001105579.1| Homo sapiens synapse differentiation inducing 1-like (SYNDIG1L), mR  
 gi|157743289|ref|NM\_001105581.1| Homo sapiens leucine rich repeat containing 30 (LRRC30), mRNA;  
 gi|157743291|ref|NM\_212556.2| Homo sapiens ankyrin repeat and SOCS box containing 18 (ASB18), mRNA  
 gi|157779132|ref|NM\_021913.3| Homo sapiens AXL receptor tyrosine kinase (AXL), transcript variant 1, mF  
 gi|157779136|ref|NM\_017653.3| Homo sapiens dymeclin (DYM), mRNA;  
 gi|157785546|ref|NM\_021626.2| Homo sapiens serine carboxypeptidase 1 (SCPEP1), mRNA;  
 gi|157785547|ref|NM\_173493.2| Homo sapiens PAS domain containing 1 (PASD1), mRNA;  
 gi|157785644|ref|NM\_005876.4| Homo sapiens SPEG complex locus (SPEG), transcript variant 1, mRNA; gi|  
 gi|157785648|ref|NM\_001105659.1| Homo sapiens leucine-rich repeats and IQ motif containing 3 (LRRIQ3)  
 gi|157785667|ref|NM\_181426.1| Homo sapiens coiled-coil domain containing 39 (CCDC39), mRNA;  
 gi|157786298|ref|NM\_001001394.3| Homo sapiens DnaJ (Hsp40) homolog, subfamily B, member 3 (DNAJB  
 gi|157787204|ref|NR\_003945.1| Homo sapiens GTPase, very large interferon inducible pseudogene 1 (GVIN  
 gi|157805477|ref|NM\_138286.2| Homo sapiens zinc finger protein 681 (ZNF681), mRNA;  
 gi|157817022|ref|NM\_016507.2| Homo sapiens cyclin-dependent kinase 12 (CDK12), transcript variant 1, n  
 gi|157817100|ref|NM\_001109619.1| Homo sapiens HIG1 hypoxia inducible domain family, member 1C (HIC  
 gi|157817279|ref|NM\_001109659.1| Homo sapiens chromosome 16 open reading frame 92 (C16orf92), tra

gi|157819142|ref|NM\_001101372.1| Homo sapiens IgLON family member 5 (IGLON5), mRNA;

gi|157820126|ref|NM\_001101389.1| Homo sapiens claudin 25 (CLDN25), mRNA;

gi|157820784|ref|NM\_001101404.1| Homo sapiens SH2 domain containing 7 (SH2D7), mRNA;

gi|157837984|ref|NM\_201628.2| Homo sapiens kazrin, periplakin interacting protein (KAZN), transcript var

gi|157837986|ref|NM\_003416.2| Homo sapiens zinc finger protein 7 (ZNF7), mRNA;

gi|157837998|ref|NM\_001101376.2| Homo sapiens family with sequence similarity 183, member A (FAM18

gi|157841163|ref|NM\_172071.2| Homo sapiens ring finger and CCCH-type domains 1 (RC3H1), mRNA;

gi|157841228|ref|NR\_003615.2| Homo sapiens THO complex 3 pseudogene (LOC728554), non-coding RNA;

gi|157909821|ref|NM\_001080826.1| Homo sapiens homolog of rat pragma of Rnd2 (SGK223), mRNA;

gi|157909838|ref|NM\_006252.3| Homo sapiens protein kinase, AMP-activated, alpha 2 catalytic subunit (PI

gi|157909851|ref|NM\_031923.2| Homo sapiens TAF3 RNA polymerase II, TATA box binding protein (TBP)-a

gi|157951660|ref|NM\_022092.2| Homo sapiens CTF18, chromosome transmission fidelity factor 18 homolo

gi|157951661|ref|NM\_016541.2| Homo sapiens guanine nucleotide binding protein (G protein), gamma 13

gi|157951717|ref|NM\_001109763.1| Homo sapiens GSG1-like (GSG1L), transcript variant 1, mRNA; gi|1579

gi|157952216|ref|NM\_000067.2| Homo sapiens carbonic anhydrase II (CA2), mRNA;

gi|157952217|ref|NM\_080473.4| Homo sapiens GATA binding protein 5 (GATA5), mRNA;

gi|157954537|ref|NR\_003948.1| Homo sapiens HLA complex group 22 (non-protein coding) (HCG22), non-c

gi|157954633|ref|NM\_030580.3| Homo sapiens zinc finger protein 34 (ZNF34), mRNA;

gi|158081768|ref|NM\_033179.2| Homo sapiens olfactory receptor, family 51, subfamily B, member 4 (OR5

gi|15812204|ref|NM\_031959.2| Homo sapiens keratin associated protein 3-2 (KRTAP3-2), mRNA;

gi|15812205|ref|NM\_033185.2| Homo sapiens keratin associated protein 3-3 (KRTAP3-3), mRNA;

gi|158138499|ref|NR\_003950.1| Homo sapiens zinc finger, DHHC-type containing 8 pseudogene 1 (ZDHHC8

gi|158138506|ref|NM\_001109891.1| Homo sapiens mitogen-activated protein kinase 3 (MAPK3), transcript

gi|158138527|ref|NM\_173464.3| Homo sapiens I(3)mbt-like 4 (Drosophila) (L3MBTL4), mRNA;

gi|158138529|ref|NM\_173483.3| Homo sapiens cytochrome P450, family 4, subfamily F, polypeptide 22 (C

gi|158186611|ref|NM\_032814.3| Homo sapiens ring finger protein, transmembrane 2 (RNFT2), transcript v

gi|158186694|ref|NR\_003951.1| Homo sapiens ADAM metalloproteinase domain 21 pseudogene 1 (ADAM2

gi|158187510|ref|NM\_001109879.1| Homo sapiens T-box 22 (TBX22), transcript variant 3, mRNA; gi|15818

gi|158187520|ref|NM\_004857.3| Homo sapiens A kinase (PRKA) anchor protein 5 (AKAP5), mRNA;

gi|158261989|ref|NM\_016463.7| Homo sapiens CXXC finger protein 5 (CXXC5), mRNA;

gi|158262018|ref|NR\_003952.1| Homo sapiens zinc finger protein 479 pseudogene (LOC643955), non-codi

gi|158262056|ref|NR\_003954.1| Homo sapiens chromosome 15 open reading frame 29 pseudogene (LOC7

gi|158262057|ref|NR\_003955.1| Homo sapiens embigin pseudogene 1 (EMBP1), non-coding RNA;

gi|158321896|ref|NM\_153447.4| Homo sapiens NLR family, pyrin domain containing 5 (NLRP5), mRNA;

gi|158341645|ref|NM\_001109977.1| Homo sapiens family with sequence similarity 160, member A1 (FAM:

gi|15834622|ref|NM\_003064.2| Homo sapiens secretory leukocyte peptidase inhibitor (SLPI), mRNA;

gi|158420730|ref|NM\_001005271.2| Homo sapiens chromodomain helicase DNA binding protein 3 (CHD3),

gi|158508475|ref|NM\_017643.2| Homo sapiens mbt domain containing 1 (MBTD1), mRNA;

gi|158508494|ref|NM\_198081.3| Homo sapiens sex comb on midleg-like 4 (Drosophila) (SCML4), mRNA;

gi|158517806|ref|NM\_012183.2| Homo sapiens forkhead box D3 (FOXD3), mRNA;

gi|158534054|ref|NM\_198467.2| Homo sapiens round spermatid basic protein 1-like (RSBN1L), mRNA;

gi|158534058|ref|NM\_015308.2| Homo sapiens formin binding protein 4 (FNBP4), mRNA;

gi|158534076|ref|NM\_015668.3| Homo sapiens regulator of G-protein signaling 22 (RGS22), mRNA;

gi|158631176|ref|NM\_020834.2| Homo sapiens homeobox and leucine zipper encoding (HOMEZ), mRNA;

gi|158631202|ref|NM\_014395.2| Homo sapiens dual adaptor of phosphotyrosine and 3-phosphoinositides

gi|158631210|ref|NM\_147196.2| Homo sapiens transmembrane inner ear (TMIE), mRNA;

gi|158634471|ref|NM\_004314.2| Homo sapiens ADP-ribosyltransferase 1 (ART1), mRNA;

gi|158634481|ref|NM\_005485.4| Homo sapiens poly (ADP-ribose) polymerase family, member 3 (PARP3), t

gi|158634485|ref|NM\_000046.3| Homo sapiens arylsulfatase B (ARSB), transcript variant 1, mRNA; gi|1586

gi|158819030|ref|NM\_198402.3| Homo sapiens protein tyrosine phosphatase-like (proline instead of cataly

gi|158853997|ref|NM\_020772.2| Homo sapiens nuclear fragile X mental retardation protein interacting prc

gi|158854041|ref|NM\_001110199.1| Homo sapiens serine/arginine repetitive matrix 3 (SRRM3), mRNA;

gi|158937235|ref|NM\_006310.3| Homo sapiens aminopeptidase puromycin sensitive (NPEPPS), mRNA;

gi|158937241|ref|NM\_000778.3| Homo sapiens cytochrome P450, family 4, subfamily A, polypeptide 11 (C

gi|158966672|ref|NM\_005042.4| Homo sapiens proline-rich protein HaeIII subfamily 2 (PRH2), transcript va

gi|159032028|ref|NM\_152699.4| Homo sapiens SUMO1/sentrin specific peptidase 5 (SEN5), mRNA;

gi|159032536|ref|NM\_001001715.2| Homo sapiens FERM, RhoGEF (ARHGEF) and pleckstrin domain protei

gi|160298141|ref|NM\_000668.4| Homo sapiens alcohol dehydrogenase 1B (class I), beta polypeptide (ADH

gi|160298191|ref|NM\_000507.3| Homo sapiens fructose-1,6-bisphosphatase 1 (FBP1), transcript variant 1,

gi|160298203|ref|NM\_152243.2| Homo sapiens CDC42 effector protein (Rho GTPase binding) 1 (CDC42EP1

gi|160333173|ref|NM\_014155.4| Homo sapiens zinc finger and BTB domain containing 44 (ZBTB44), mRNA,

gi|160333209|ref|NM\_015497.3| Homo sapiens transmembrane protein 87A (TMEM87A), transcript varian

gi|160333410|ref|NM\_001110514.1| Homo sapiens early B-cell factor 4 (EBF4), mRNA;

gi|160333419|ref|NM\_001110360.1| Homo sapiens ribonuclease, RNase A family, 9 (non-active) (RNASE9),

gi|160333693|ref|NM\_006601.5| Homo sapiens prostaglandin E synthase 3 (cytosolic) (PTGES3), mRNA;

gi|160333749|ref|NM\_023080.2| Homo sapiens chromosome 8 open reading frame 33 (C8orf33), mRNA;

gi|160333843|ref|NM\_018717.4| Homo sapiens mastermind-like 3 (Drosophila) (MAML3), mRNA;

gi|160358339|ref|NM\_001110533.1| Homo sapiens chromosome 1 open reading frame 177 (C1orf177), tra

gi|160358848|ref|NM\_007155.5| Homo sapiens zona pellucida glycoprotein 3 (sperm receptor) (ZP3), trans

gi|160420294|ref|NM\_033395.1| Homo sapiens KIAA1731 (KIAA1731), mRNA;

gi|160420316|ref|NM\_001110556.1| Homo sapiens filamin A, alpha (FLNA), transcript variant 2, mRNA; gi|

gi|160420326|ref|NM\_170679.2| Homo sapiens S-phase kinase-associated protein 1 (SKP1), transcript varia

gi|160420327|ref|NM\_194279.2| Homo sapiens iron-sulfur cluster assembly 2 homolog (S. cerevisiae) (ISCA

gi|160420329|ref|NM\_152353.2| Homo sapiens claudin domain containing 2 (CLDN2), mRNA;

gi|160707880|ref|NM\_020066.4| Homo sapiens formin 2 (FMN2), mRNA;

gi|160707904|ref|NM\_001110781.1| Homo sapiens solute carrier family 35, member E2B (SLC35E2B), mRN

gi|160707949|ref|NM\_001110792.1| Homo sapiens methyl CpG binding protein 2 (Rett syndrome) (MECP2

gi|160948598|ref|NM\_001080453.2| Homo sapiens integrator complex subunit 1 (INTS1), mRNA;

gi|160948609|ref|NM\_172070.3| Homo sapiens ubiquitin protein ligase E3 component n-recognin 3 (putati

gi|161016764|ref|NM\_001110822.1| Homo sapiens tudor domain containing 12 (TDRD12), mRNA;

gi|161016766|ref|NM\_001010909.2| Homo sapiens mucin 21, cell surface associated (MUC21), mRNA;

gi|161016768|ref|NM\_001799.3| Homo sapiens cyclin-dependent kinase 7 (CDK7), mRNA;

gi|161016771|ref|NM\_001261.3| Homo sapiens cyclin-dependent kinase 9 (CDK9), mRNA;

gi|161086998|ref|NR\_004378.1| Homo sapiens small nucleolar RNA, C/D box 94 (SNORD94), small nucleola

gi|161086999|ref|NR\_004379.1| Homo sapiens small nucleolar RNA, C/D box 96B (SNORD96B), small nucle

gi|161087000|ref|NR\_004380.1| Homo sapiens small nucleolar RNA, C/D box 104 (SNORD104), small nuclei

gi|161087001|ref|NR\_004381.1| Homo sapiens small nucleolar RNA, C/D box 105 (SNORD105), small nuclei

gi|161087002|ref|NR\_004382.1| Homo sapiens MEST intronic transcript 1, antisense RNA (non-protein codi

gi|161087003|ref|NR\_004383.1| Homo sapiens small ILF3/NF90-associated RNA G1 (SNAR-G1), small nucle

gi|161087004|ref|NR\_004384.1| Homo sapiens small ILF3/NF90-associated RNA F (SNAR-F), small nuclear R

gi|161087005|ref|NR\_004385.1| Homo sapiens RNA, U105C small nucleolar (RNU105C), small nucleolar RN

gi|161087007|ref|NR\_004387.1| Homo sapiens small Cajal body-specific RNA 10 (SCARNA10), guide RNA;

gi|161087008|ref|NR\_004388.1| Homo sapiens small Cajal body-specific RNA 14 (SCARNA14), guide RNA;

gi|161087009|ref|NR\_004389.1| Homo sapiens small nucleolar RNA, H/ACA box 16B (SNORA16B), small nu

gi|161087010|ref|NR\_004390.1| Homo sapiens small nucleolar RNA, H/ACA box 57 (SNORA57), small nucleolar RNA;

gi|161087011|ref|NR\_004391.1| Homo sapiens RNA, Ro-associated Y1 (RNY1), Y RNA;

gi|161087012|ref|NR\_004392.1| Homo sapiens RNA, Ro-associated Y3 (RNY3), small cytoplasmic RNA;

gi|161087013|ref|NR\_004393.1| Homo sapiens RNA, Ro-associated Y4 (RNY4), small cytoplasmic RNA;

gi|161087014|ref|NR\_004394.1| Homo sapiens RNA, U6 small nuclear 1 (RNU6-1), small nuclear RNA;

gi|161087015|ref|NR\_004395.1| Homo sapiens small nucleolar RNA, C/D box 1A (SNORD1A), small nucleolar RNA;

gi|161087016|ref|NR\_004396.1| Homo sapiens small nucleolar RNA, C/D box 1B (SNORD1B), small nucleolar RNA;

gi|161087017|ref|NR\_004397.1| Homo sapiens small nucleolar RNA, C/D box 1C (SNORD1C), small nucleolar RNA;

gi|161087018|ref|NR\_004398.1| Homo sapiens small nucleolar RNA, C/D box 82 (SNORD82), small nucleolar RNA;

gi|161087019|ref|NR\_004399.1| Homo sapiens small nucleolar RNA, C/D box 86 (SNORD86), small nucleolar RNA;

gi|161087020|ref|NR\_004400.1| Homo sapiens RNA, U1 small nuclear 5 (RNU1-5), small nuclear RNA;

gi|161087023|ref|NR\_004403.1| Homo sapiens small nucleolar RNA, C/D box 97 (SNORD97), small nucleolar RNA;

gi|161169037|ref|NM\_002491.2| Homo sapiens NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 3, 12 kDa isoform (ND6L), mRNA;

gi|161169039|ref|NM\_004548.2| Homo sapiens NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 10 kDa isoform (ND6L), mRNA;

gi|161169043|ref|NR\_004404.1| Homo sapiens RNA, U105A small nucleolar (RNU105A), small nucleolar RNA;

gi|161169044|ref|NR\_004405.1| Homo sapiens laminin, beta 2 pseudogene 1 (LAMB2P1), non-coding RNA;

gi|161169045|ref|NR\_004406.1| Homo sapiens small nucleolar RNA, H/ACA box 73B (SNORA73B), small nucleolar RNA;

gi|161169046|ref|NR\_004407.1| Homo sapiens RNA, U11 small nuclear (RNU11), small nuclear RNA;

gi|161169047|ref|NR\_004408.1| Homo sapiens RNA, U1 small nuclear 3 (RNU1-3), small nuclear RNA;

gi|161169048|ref|NR\_002433.1| Homo sapiens small nucleolar RNA, C/D box 12C (SNORD12C), small nucleolar RNA;

gi|16117790|ref|NM\_000996.2| Homo sapiens ribosomal protein L35a (RPL35A), mRNA;

gi|16118221|ref|NM\_033060.2| Homo sapiens keratin associated protein 4-1 (KRTAP4-1), mRNA;

gi|16118228|ref|NM\_033191.2| Homo sapiens keratin associated protein 9-4 (KRTAP9-4), mRNA;

gi|16118234|ref|NM\_033455.1| Homo sapiens potassium channel, subfamily K, member 7 (KCNK7), transcript variant 1, mRNA;

gi|16118236|ref|NM\_031854.2| Homo sapiens keratin associated protein 4-12 (KRTAP4-12), mRNA;

gi|16118239|ref|NM\_031961.2| Homo sapiens keratin associated protein 9-2 (KRTAP9-2), mRNA;

gi|16118241|ref|NM\_031962.2| Homo sapiens keratin associated protein 9-3 (KRTAP9-3), mRNA;

gi|161333832|ref|NM\_145259.2| Homo sapiens activin A receptor, type 1C (ACVR1C), transcript variant 1, mRNA;

gi|161333853|ref|NM\_001111038.1| Homo sapiens F-box and leucine-rich repeat protein 13 (FBXL13), transcript variant 1, mRNA;

gi|161333872|ref|NR\_004421.1| Homo sapiens RNA, U1 small nuclear 4 (RNU1-4), small nuclear RNA;

gi|161333875|ref|NR\_004427.1| Homo sapiens RNA, U1 small nuclear 2 (RNU1-2), small nuclear RNA;

gi|161333876|ref|NR\_004428.1| Homo sapiens eosinophil granule ontogeny transcript (non-protein coding), mRNA;

gi|161353480|ref|NM\_001023560.2| Homo sapiens zinc finger protein 187 (ZNF187), transcript variant a, mRNA;

gi|161377421|ref|NM\_001103.2| Homo sapiens actinin, alpha 2 (ACTN2), mRNA;

gi|161377432|ref|NM\_024770.3| Homo sapiens methyltransferase like 8 (METTL8), mRNA;

gi|161377438|ref|NM\_130786.3| Homo sapiens alpha-1-B glycoprotein (A1BG), mRNA;

gi|161377444|ref|NM\_000017.2| Homo sapiens acyl-CoA dehydrogenase, C-2 to C-3 short chain (ACADS), mRNA;

gi|161377446|ref|NM\_001681.3| Homo sapiens ATPase, Ca<sup>++</sup> transporting, cardiac muscle, slow twitch 2 (ATP2A2), mRNA;

gi|161377452|ref|NM\_001111035.1| Homo sapiens acid phosphatase 5, tartrate resistant (ACP5), transcript variant 1, mRNA;

gi|161377456|ref|NM\_002537.2| Homo sapiens ornithine decarboxylase antizyme 2 (OAZ2), mRNA;

gi|161377459|ref|NM\_004541.3| Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 1, 35 kDa isoform (ND1), mRNA;

gi|161377460|ref|NM\_005467.3| Homo sapiens N-acetylated alpha-linked acidic dipeptidase 2 (NAALAD2), mRNA;

gi|161377467|ref|NM\_001111045.1| Homo sapiens cyclin A1 (CCNA1), transcript variant 2, mRNA; gi|161377479|ref|NM\_016178.2| Homo sapiens ornithine decarboxylase antizyme 3 (OAZ3), transcript variant 1, mRNA;

gi|161484604|ref|NR\_001447.2| Homo sapiens metallothionein 1L (gene/pseudogene) (MT1L), non-coding RNA;

gi|161484608|ref|NR\_002189.3| Homo sapiens SUMO1 pseudogene 1 (SUMO1P1), non-coding RNA;

gi|161484613|ref|NR\_003935.2| Homo sapiens exocyst complex component 1 pseudogene (LOC644145), non-coding RNA;

gi|161484626|ref|NM\_005598.3| Homo sapiens nescient helix loop helix 1 (NHLH1), mRNA;  
 gi|161484631|ref|NM\_001111061.1| Homo sapiens nescient helix loop helix 2 (NHLH2), transcript variant 2  
 gi|161484639|ref|NM\_002511.2| Homo sapiens neuromedin B receptor (NMBR), mRNA;  
 gi|161484676|ref|NR\_004435.1| Homo sapiens small ILF3/NF90-associated RNA A1 (SNAR-A1), small nucleolar RNA  
 gi|161484677|ref|NR\_004436.1| Homo sapiens small ILF3/NF90-associated RNA A2 (SNAR-A2), small nucleolar RNA  
 gi|161484678|ref|NR\_004437.1| Homo sapiens small ILF3/NF90-associated RNA A12 (SNAR-A12), small nucleolar RNA  
 gi|161621248|ref|NM\_153332.3| Homo sapiens exoribonuclease 1 (ERI1), mRNA;  
 gi|161702984|ref|NM\_003379.4| Homo sapiens ezrin (EZR), transcript variant 1, mRNA; gi|161702985|ref|NM\_003379.4| Homo sapiens ezrin (EZR), transcript variant 2, mRNA;  
 gi|161783806|ref|NM\_001111101.1| Homo sapiens cannabinoid receptor interacting protein 1 (CNRIP1), transcript variant 1, mRNA;  
 gi|162287218|ref|NM\_015225.2| Homo sapiens prune homolog 2 (Drosophila) (PRUNE2), mRNA;  
 gi|162329582|ref|NM\_007007.2| Homo sapiens cleavage and polyadenylation specific factor 6, 68kDa (CPSF6), mRNA;  
 gi|162329611|ref|NM\_001111309.1| Homo sapiens phosphodiesterase 4A, cAMP-specific (PDE4A), transcript variant 1, mRNA;  
 gi|162417965|ref|NM\_021915.2| Homo sapiens zinc finger protein 69 (ZNF69), mRNA;  
 gi|162417970|ref|NM\_014752.2| Homo sapiens signal peptidase complex subunit 2 homolog (S. cerevisiae) (SPC2), mRNA;  
 gi|162417972|ref|NM\_001111319.1| Homo sapiens claudin 22 (CLDN22), mRNA;  
 gi|162461737|ref|NM\_138736.2| Homo sapiens guanine nucleotide binding protein (G protein), alpha activating 1 (GNA11), mRNA;  
 gi|162809333|ref|NM\_002864.2| Homo sapiens pregnancy-zone protein (PZP), mRNA;  
 gi|162809335|ref|NM\_001010883.2| Homo sapiens family with sequence similarity 102, member B (FAM102B), mRNA;  
 gi|162951872|ref|NM\_001112704.1| Homo sapiens ventral anterior homeobox 1 (VAX1), transcript variant 1, mRNA;  
 gi|162951880|ref|NM\_001112707.1| Homo sapiens tousled-like kinase 2 (TLK2), transcript variant B, mRNA;  
 gi|162951883|ref|NM\_014925.3| Homo sapiens R3H domain containing 2 (R3HDM2), mRNA;  
 gi|162952001|ref|NM\_013270.4| Homo sapiens protease, serine, 50 (PRSS50), mRNA;  
 gi|16306488|ref|NM\_004361.2| Homo sapiens cadherin 7, type 2 (CDH7), transcript variant b, mRNA; gi|16306489|ref|NM\_004361.2| Homo sapiens cadherin 7, type 2 (CDH7), transcript variant c, mRNA;  
 gi|16306531|ref|NM\_001797.2| Homo sapiens cadherin 11, type 2, OB-cadherin (osteoblast) (CDH11), mRNA;  
 gi|16306535|ref|NM\_021153.2| Homo sapiens cadherin 19, type 2 (CDH19), mRNA;  
 gi|16306536|ref|NM\_031891.2| Homo sapiens cadherin 20, type 2 (CDH20), mRNA;  
 gi|16306549|ref|NM\_003944.2| Homo sapiens selenium binding protein 1 (SELENBP1), mRNA;  
 gi|16306554|ref|NM\_022054.2| Homo sapiens potassium channel, subfamily K, member 13 (KCNK13), mRNA;  
 gi|16306563|ref|NM\_001000.2| Homo sapiens ribosomal protein L39 (RPL39), mRNA;  
 gi|16306565|ref|NM\_003527.4| Homo sapiens histone cluster 1, H2bo (HIST1H2BO), mRNA;  
 gi|16306592|ref|NM\_021968.3| Homo sapiens histone cluster 1, H4j (HIST1H4J), mRNA;  
 gi|163310724|ref|NM\_025191.3| Homo sapiens ER degradation enhancer, mannosidase alpha-like 3 (EDEN3), mRNA;  
 gi|163310732|ref|NM\_001010867.2| Homo sapiens IBA57, iron-sulfur cluster assembly homolog (S. cerevisiae) (IBA57), mRNA;  
 gi|163310746|ref|NM\_001112719.1| Homo sapiens LIM and calponin homology domains 1 (LIMCH1), transcript variant 1, mRNA;  
 gi|163310760|ref|NM\_001010898.2| Homo sapiens solute carrier family 6, member 17 (SLC6A17), mRNA;  
 gi|163310761|ref|NM\_024065.4| Homo sapiens phosphatidylcholine-specific phospholipase C3 (PDCL3), mRNA;  
 gi|163310762|ref|NM\_001112724.1| Homo sapiens serine/threonine kinase 32A (STK32A), transcript variant 1, mRNA;  
 gi|163310774|ref|NM\_001009611.2| Homo sapiens PRAME family member 4 (PRAMEF4), mRNA;  
 gi|16332369|ref|NM\_033492.1| Homo sapiens cyclin-dependent kinase 11B (CDK11B), transcript variant 8, mRNA;  
 gi|16357476|ref|NM\_004359.1| Homo sapiens cell division cycle 34 homolog (S. cerevisiae) (CDC34), mRNA;  
 gi|163644266|ref|NM\_013416.3| Homo sapiens neutrophil cytosolic factor 4, 40kDa (NCF4), transcript variant 1, mRNA;  
 gi|163644282|ref|NM\_014614.2| Homo sapiens proteasome (prosome, macropain) activator subunit 4 (PSMA4), mRNA;  
 gi|163644287|ref|NM\_181829.2| Homo sapiens neurofibromin 2 (merlin) (NF2), transcript variant 6, mRNA;  
 gi|163644305|ref|NM\_002040.3| Homo sapiens GA binding protein transcription factor, alpha subunit 60kDa (GATA6), mRNA;  
 gi|163644312|ref|NM\_006384.3| Homo sapiens calcium and integrin binding 1 (calmyrin) (CIB1), mRNA;  
 gi|163644314|ref|NM\_004776.3| Homo sapiens UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polyploid (UGAT4), mRNA;  
 gi|163644315|ref|NM\_015210.3| Homo sapiens SOGA family member 2 (SOGA2), mRNA;

gi|163644317|ref|NM\_001012993.2| Homo sapiens chromosome 9 open reading frame 152 (C9orf152), mRNA;

gi|163644319|ref|NM\_032873.4| Homo sapiens ubiquitin associated and SH3 domain containing B (UBASH3B), mRNA;

gi|163644320|ref|NM\_006003.2| Homo sapiens ubiquinol-cytochrome c reductase, Rieske iron-sulfur polypeptide 1 (UQCRC1), mRNA;

gi|163659847|ref|NM\_000831.3| Homo sapiens glutamate receptor, ionotropic, kainate 3 (GRIK3), mRNA;

gi|163659848|ref|NM\_138761.3| Homo sapiens BCL2-associated X protein (BAX), transcript variant alpha, mRNA;

gi|163659855|ref|NM\_007325.4| Homo sapiens glutamate receptor, ionotropic, AMPA 3 (GRIA3), transcript variant 1, mRNA;

gi|163659898|ref|NM\_001111283.1| Homo sapiens insulin-like growth factor 1 (somatomedin C) (IGF1), transcript variant 1, mRNA;

gi|163659905|ref|NM\_005557.3| Homo sapiens keratin 16 (KRT16), mRNA;

gi|163659917|ref|NM\_014363.4| Homo sapiens spastic ataxia of Charlevoix-Saguenay (sacsin) (SACS), mRNA;

gi|163659919|ref|NM\_052839.3| Homo sapiens pannexin 2 (PANX2), transcript variant 1, mRNA; gi|237757217|ref|NM\_052839.3| Homo sapiens pannexin 2 (PANX2), transcript variant 1, mRNA;

gi|163659921|ref|NM\_153280.2| Homo sapiens ubiquitin-like modifier activating enzyme 1 (UBA1), transcript variant 1, mRNA;

gi|163659928|ref|NM\_024818.3| Homo sapiens ubiquitin-like modifier activating enzyme 5 (UBA5), transcript variant 1, mRNA;

gi|163660383|ref|NM\_005339.4| Homo sapiens ubiquitin-conjugating enzyme E2K (UBE2K), transcript variant 1, mRNA;

gi|163792193|ref|NM\_030934.4| Homo sapiens TRM1 tRNA methyltransferase 1-like (TRMT1L), transcript variant 1, mRNA;

gi|163792197|ref|NM\_015236.4| Homo sapiens latrophilin 3 (LPHN3), mRNA;

gi|163792200|ref|NM\_001112741.1| Homo sapiens potassium voltage-gated channel, Shaw-related subfamily 1 (KCNK1), mRNA;

gi|163792206|ref|NM\_003034.3| Homo sapiens ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase (ST8SIA1), mRNA;

gi|163792207|ref|NM\_014448.3| Homo sapiens Rho guanine nucleotide exchange factor (GEF) 16 (ARHGEF16), mRNA;

gi|163838630|ref|NM\_001112736.1| Homo sapiens family with sequence similarity 208, member A (FAM208A), mRNA;

gi|163854302|ref|NM\_000397.3| Homo sapiens cytochrome b-245, beta polypeptide (CYBB), mRNA;

gi|163914391|ref|NM\_015711.3| Homo sapiens glioma tumor suppressor candidate region gene 1 (GLTSCR1), mRNA;

gi|163914393|ref|NM\_133637.2| Homo sapiens DEAQ box RNA-dependent ATPase 1 (DQX1), mRNA;

gi|163965372|ref|NM\_032482.2| Homo sapiens DOT1-like, histone H3 methyltransferase (S. cerevisiae) (DOT1L), mRNA;

gi|163965376|ref|NM\_001113207.1| Homo sapiens thiosulfate sulfurtransferase (rhodanese)-like domain containing 1 (RHO), mRNA;

gi|163965433|ref|NM\_214462.3| Homo sapiens dapper, antagonist of beta-catenin, homolog 2 (Xenopus laevis) (DAPK2), mRNA;

gi|163965440|ref|NM\_144702.2| Homo sapiens leucine rich repeat containing 71 (LRRC71), mRNA;

gi|16418350|ref|NM\_052848.1| Homo sapiens coiled-coil domain containing 97 (CCDC97), mRNA;

gi|16418390|ref|NM\_052882.1| Homo sapiens zinc finger, imprinted 3 (ZIM3), mRNA;

gi|16418404|ref|NM\_052891.1| Homo sapiens peptidoglycan recognition protein 3 (PGLYRP3), mRNA;

gi|16418460|ref|NM\_052963.1| Homo sapiens topoisomerase (DNA) I, mitochondrial (TOP1MT), nuclear gene 1 (TOP1), mRNA;

gi|16418462|ref|NM\_052967.1| Homo sapiens MAS1 oncogene-like (MAS1L), mRNA;

gi|164259357|ref|NR\_004844.1| Homo sapiens ribosomal protein L13a pseudogene 3 (RPL13AP3), non-coding RNA;

gi|164259358|ref|NR\_004845.1| Homo sapiens actin, beta pseudogene (LOC644936), non-coding RNA;

gi|164414399|ref|NR\_003661.2| Homo sapiens ubiquitin-conjugating enzyme E2Q family member 2 pseudogene 1 (UBE2Q2), non-coding RNA;

gi|164414420|ref|NM\_014722.2| Homo sapiens family with sequence similarity 65, member B (FAM65B), transcript variant 1, mRNA;

gi|164414436|ref|NM\_001113228.1| Homo sapiens netrin G1 (NTNG1), transcript variant 2, mRNA; gi|164414436|ref|NM\_001113228.1| Homo sapiens netrin G1 (NTNG1), transcript variant 2, mRNA;

gi|164419729|ref|NM\_020061.4| Homo sapiens opsin 1 (cone pigments), long-wave-sensitive (OPN1LW), mRNA;

gi|164419737|ref|NM\_000430.3| Homo sapiens platelet-activating factor acetylhydrolase 1b, regulatory subunit 1 (PLA2G1B), mRNA;

gi|164419740|ref|NM\_016946.4| Homo sapiens F11 receptor (F11R), mRNA;

gi|164419742|ref|NM\_001111322.1| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 54 (DDX54), transcript variant 1, mRNA;

gi|164419747|ref|NM\_003069.3| Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of gene 1 (SWI1), mRNA;

gi|164419759|ref|NM\_000107.2| Homo sapiens damage-specific DNA binding protein 2, 48kDa (DDB2), mRNA;

gi|164420680|ref|NM\_015143.2| Homo sapiens methionyl aminopeptidase 1 (METAP1), mRNA;

gi|16445406|ref|NM\_016601.2| Homo sapiens potassium channel, subfamily K, member 9 (KCNK9), mRNA;

gi|16445417|ref|NM\_005697.3| Homo sapiens secretory carrier membrane protein 2 (SCAMP2), mRNA;

gi|164518896|ref|NM\_005236.2| Homo sapiens excision repair cross-complementing rodent repair deficient 1 (XRCC1), mRNA;

gi|164518913|ref|NM\_000194.2| Homo sapiens hypoxanthine phosphoribosyltransferase 1 (HPRT1), mRNA;

gi|164519025|ref|NM\_001080407.2| Homo sapiens galactosidase, beta 1-like 3 (GLB1L3), mRNA;

gi|164519032|ref|NM\_001369.2| Homo sapiens dynein, axonemal, heavy chain 5 (DNAH5), mRNA;

gi|164519034|ref|NM\_001258.2| Homo sapiens cyclin-dependent kinase 3 (CDK3), mRNA;

gi|164519060|ref|NM\_014690.4| Homo sapiens family with sequence similarity 131, member B (FAM131B)

gi|164519075|ref|NM\_014742.3| Homo sapiens transmembrane 9 superfamily protein member 4 (TM9SF4)

gi|164519083|ref|NM\_012197.3| Homo sapiens RAB GTPase activating protein 1 (RABGAP1), mRNA;

gi|164519090|ref|NM\_014044.5| Homo sapiens unc-50 homolog (C. elegans) (UNC50), mRNA;

gi|164519093|ref|NM\_014424.4| Homo sapiens heat shock 27kDa protein family, member 7 (cardiovascula

gi|164519121|ref|NM\_013296.4| Homo sapiens G-protein signaling modulator 2 (GPSM2), mRNA;

gi|164519139|ref|NM\_001113349.1| Homo sapiens endothelin converting enzyme 1 (ECE1), transcript vari

gi|164519145|ref|NM\_017660.3| Homo sapiens GATA zinc finger domain containing 2A (GATAD2A), mRNA;

gi|164565365|ref|NM\_020773.2| Homo sapiens TBC1 domain family, member 14 (TBC1D14), transcript var

gi|164565407|ref|NM\_022835.2| Homo sapiens pleckstrin homology domain containing, family G (with Rho

gi|164565425|ref|NM\_197970.2| Homo sapiens bol, boule-like (Drosophila) (BOLL), transcript variant 1, mR

gi|164565439|ref|NM\_024571.3| Homo sapiens small nuclear ribonucleoprotein 25kDa (U11/U12) (SNRNP:

gi|164607127|ref|NM\_024881.4| Homo sapiens solute carrier family 35, member E1 (SLC35E1), mRNA;

gi|164607132|ref|NM\_001113382.1| Homo sapiens fer-1-like 5 (C. elegans) (FER1L5), mRNA;

gi|164607151|ref|NM\_198074.4| Homo sapiens olfactory receptor, family 2, subfamily C, member 3 (OR2C

gi|164607154|ref|NM\_030787.3| Homo sapiens complement factor H-related 5 (CFHR5), mRNA;

gi|164607166|ref|NM\_032663.3| Homo sapiens ubiquitin specific peptidase 30 (USP30), mRNA;

gi|164607176|ref|NM\_032753.3| Homo sapiens retina and anterior neural fold homeobox 2 (RAX2), mRNA

gi|164607179|ref|NM\_133367.4| Homo sapiens progestin and adipoQ receptor family member VIII (PAQR8

gi|164663744|ref|NM\_003041.3| Homo sapiens solute carrier family 5 (sodium/glucose cotransporter), me

gi|164663746|ref|NM\_000453.2| Homo sapiens solute carrier family 5 (sodium iodide symporter), member

gi|164663774|ref|NM\_139242.3| Homo sapiens mitochondrial methionyl-tRNA formyltransferase (MTFMT)

gi|164663776|ref|NM\_152520.4| Homo sapiens zinc finger protein 385B (ZNF385B), transcript variant 1, m

gi|164663797|ref|NM\_001113402.1| Homo sapiens antagonist of mitotic exit network 1 homolog (S. cerevi

gi|164663804|ref|NM\_152637.2| Homo sapiens methyltransferase like 7B (METTL7B), mRNA;

gi|164663807|ref|NM\_182573.2| Homo sapiens LY6/PLAUR domain containing 5 (LYPD5), transcript variant

gi|164663809|ref|NM\_173642.3| Homo sapiens ribosomal modification protein rimK-like family member A

gi|164663813|ref|NM\_001080507.2| Homo sapiens oocyte expressed protein (OOEP), mRNA;

gi|164663814|ref|NM\_003893.4| Homo sapiens LIM domain binding 1 (LDB1), transcript variant 3, mRNA; g

gi|164663825|ref|NM\_001113410.1| Homo sapiens pregnancy specific beta-1-glycoprotein 11 (PSG11), tra

gi|164663835|ref|NM\_001017361.2| Homo sapiens chromosome 6 open reading frame 221 (C6orf221), m

gi|164663865|ref|NM\_002764.3| Homo sapiens phosphoribosyl pyrophosphate synthetase 1 (PRPS1), trans

gi|164663900|ref|NM\_000317.2| Homo sapiens 6-pyruvoyltetrahydropterin synthase (PTS), mRNA;

gi|164664486|ref|NM\_005613.5| Homo sapiens regulator of G-protein signaling 4 (RGS4), transcript variant

gi|164664507|ref|NM\_005178.4| Homo sapiens B-cell CLL/lymphoma 3 (BCL3), mRNA;

gi|164664513|ref|NM\_001873.2| Homo sapiens carboxypeptidase E (CPE), mRNA;

gi|164664517|ref|NM\_004397.4| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box helicase 6 (DDX6), transcript v

gi|164698437|ref|NM\_003258.4| Homo sapiens thymidine kinase 1, soluble (TK1), mRNA;

gi|164698457|ref|NM\_152496.2| Homo sapiens mannosidase, endo-alpha-like (MANEAL), transcript varian

gi|164698503|ref|NM\_001113496.1| Homo sapiens septin 9 (SEPT9), transcript variant 7, mRNA; gi|164698

gi|16507949|ref|NM\_014466.2| Homo sapiens tektin 2 (testicular) (TEKT2), mRNA;

gi|16507957|ref|NM\_004933.2| Homo sapiens cadherin 15, type 1, M-cadherin (myotubule) (CDH15), mRN

gi|16507966|ref|NM\_001975.2| Homo sapiens enolase 2 (gamma, neuronal) (ENO2), mRNA;

gi|165377136|ref|NM\_001113523.1| Homo sapiens poly (ADP-ribose) polymerase family, member 15 (PAR

gi|165377166|ref|NM\_001113525.1| Homo sapiens zinc finger protein 276 (ZNF276), transcript variant a, mRNA; gi|165377201|ref|NM\_152636.2| Homo sapiens methyltransferase like 15 (METTL15), transcript variant 2, mRNA; gi|165377258|ref|NM\_015456.3| Homo sapiens cofactor of BRCA1 (COBRA1), mRNA; gi|165377333|ref|NM\_001113541.1| Homo sapiens family with sequence similarity 75, member A5 (FAM75A), mRNA; gi|16554448|ref|NM\_003386.1| Homo sapiens zonadhesin (ZAN), transcript variant 3, mRNA; gi|27881493|ref|NM\_001113541.1| Homo sapiens family with sequence similarity 75, member A5 (FAM75A), mRNA; gi|16554602|ref|NM\_020191.2| Homo sapiens mitochondrial ribosomal protein S22 (MRPS22), nuclear gene; gi|16554613|ref|NM\_015969.2| Homo sapiens mitochondrial ribosomal protein S17 (MRPS17), nuclear gene; gi|16554624|ref|NM\_052990.1| Homo sapiens intraflagellar transport 122 homolog (Chlamydomonas) (IFT122), mRNA; gi|16579829|ref|NM\_052969.1| Homo sapiens ribosomal protein L39-like (RPL39L), mRNA; gi|16579882|ref|NM\_014018.2| Homo sapiens mitochondrial ribosomal protein S28 (MRPS28), nuclear gene; gi|16579883|ref|NM\_005061.2| Homo sapiens ribosomal protein L3-like (RPL3L), mRNA; gi|165905600|ref|NM\_024430.3| Homo sapiens proline-serine-threonine phosphatase interacting protein 2 (PSTIP2), mRNA; gi|165905612|ref|NM\_203304.3| Homo sapiens mex-3 homolog D (C. elegans) (MEX3D), transcript variant 1, mRNA; gi|165932344|ref|NM\_178532.3| Homo sapiens ring finger protein 180 (RNF180), transcript variant 2, mRNA; gi|165932357|ref|NM\_181725.3| Homo sapiens methyltransferase like 2A (METTL2A), mRNA; gi|165932369|ref|NM\_024582.4| Homo sapiens FAT tumor suppressor homolog 4 (Drosophila) (FAT4), mRNA; gi|16596685|ref|NM\_053045.1| Homo sapiens transmembrane protein 203 (TMEM203), mRNA; gi|165972340|ref|NM\_016339.3| Homo sapiens Rap guanine nucleotide exchange factor (GEF)-like 1 (RAPGEF1), mRNA; gi|166063953|ref|NR\_002924.2| Homo sapiens TBC1D3P1-DHX40P1 readthrough (non-protein coding) (TBC1D3P1-RT), mRNA; gi|166063969|ref|NR\_001284.2| Homo sapiens tenascin XA (pseudogene) (TNXA), non-coding RNA; gi|166063982|ref|NM\_017563.3| Homo sapiens interleukin 17 receptor D (IL17RD), mRNA; gi|166063994|ref|NM\_002097.2| Homo sapiens general transcription factor IIIA (GTF3A), mRNA; gi|166064000|ref|NM\_016632.2| Homo sapiens ADP-ribosylation factor-like 17A (ARL17A), transcript variant 1, mRNA; gi|166064002|ref|NM\_015722.3| Homo sapiens calcyon neuron-specific vesicular protein (CALY), mRNA; gi|166064005|ref|NR\_003654.2| Homo sapiens SCAN domain containing 2 pseudogene (SCAND2), transcript variant 1, mRNA; gi|166064024|ref|NM\_016508.3| Homo sapiens cyclin-dependent kinase-like 3 (CDKL3), transcript variant 2, mRNA; gi|166064028|ref|NM\_001113490.1| Homo sapiens angiomin 1 (AMOT), transcript variant 1, mRNA; gi|632113490|ref|NM\_001113490.1| Homo sapiens angiomin 1 (AMOT), transcript variant 1, mRNA; gi|166064030|ref|NM\_003060.3| Homo sapiens solute carrier family 22 (organic cation/carnitine transporter) (SLC22A22), transcript variant 1, mRNA; gi|166064032|ref|NM\_145735.2| Homo sapiens Rho guanine nucleotide exchange factor (GEF) 7 (ARHGEF7), mRNA; gi|166064055|ref|NM\_001113536.1| Homo sapiens folate receptor 2 (fetal) (FOLR2), transcript variant 4, mRNA; gi|166064059|ref|NM\_183233.2| Homo sapiens solute carrier family 22, member 18 (SLC22A18), transcript variant 1, mRNA; gi|166064063|ref|NM\_080548.4| Homo sapiens protein tyrosine phosphatase, non-receptor type 6 (PTPN6), mRNA; gi|166091438|ref|NR\_004053.2| Homo sapiens SOX2 overlapping transcript (non-protein coding) (SOX2-OT), mRNA; gi|166091441|ref|NR\_003255.2| Homo sapiens TSIX transcript, XIST antisense RNA (non-protein coding) (TSIX), mRNA; gi|166091442|ref|NR\_003246.2| Homo sapiens golgin A6 family-like 5 (pseudogene) (GOLGA6L5), non-coding RNA; gi|166091447|ref|NR\_003659.2| Homo sapiens WAS protein family homolog 3 pseudogene (WASH3P), non-coding RNA; gi|166091467|ref|NR\_003190.2| Homo sapiens ubiquitin specific peptidase 32 pseudogene 1 (USP32P1), non-coding RNA; gi|166091468|ref|NR\_003133.2| Homo sapiens guanylate binding protein 1, interferon-inducible pseudogene 1 (GBP1), non-coding RNA; gi|166091471|ref|NR\_003662.2| Homo sapiens ribosomal protein SA pseudogene 58 (RPSAP58), non-coding RNA; gi|166091478|ref|NM\_024665.4| Homo sapiens transducin (beta)-like 1 X-linked receptor 1 (TBL1XR1), mRNA; gi|166158917|ref|NM\_003182.2| Homo sapiens tachykinin, precursor 1 (TAC1), transcript variant beta, mRNA; gi|166158926|ref|NM\_002197.2| Homo sapiens aconitase 1, soluble (ACO1), mRNA; gi|166158927|ref|NM\_033118.3| Homo sapiens myosin light chain kinase 2 (MYLK2), mRNA; gi|166197657|ref|NM\_001732.2| Homo sapiens butyrophilin, subfamily 1, member A1 (BTN1A1), mRNA; gi|166197659|ref|NM\_000606.2| Homo sapiens complement component 8, gamma polypeptide (C8G), mRNA; gi|166197663|ref|NM\_001237.3| Homo sapiens cyclin A2 (CCNA2), mRNA; gi|166197665|ref|NM\_006608.2| Homo sapiens putative homeodomain transcription factor 1 (PHTF1), mRNA.



gi|166197667|ref|NM\_014207.3| Homo sapiens CD5 molecule (CD5), mRNA;

gi|166197669|ref|NM\_001031696.2| Homo sapiens phospholipase D family, member 3 (PLD3), transcript v

gi|166197672|ref|NM\_018420.2| Homo sapiens solute carrier family 22, member 15 (SLC22A15), mRNA;

gi|166197687|ref|NM\_019850.2| Homo sapiens neuronal guanine nucleotide exchange factor (NGEF), trans

gi|166197695|ref|NM\_181643.4| Homo sapiens chromosome 1 open reading frame 88 (C1orf88), mRNA;

gi|166197697|ref|NM\_013244.3| Homo sapiens mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylgluco

gi|166197701|ref|NM\_001248.2| Homo sapiens ectonucleoside triphosphate diphosphohydrolase 3 (ENTPI

gi|166197705|ref|NM\_015453.2| Homo sapiens THUMP domain containing 3 (THUMPD3), transcript varian

gi|166197711|ref|NM\_001114093.1| Homo sapiens LSM14A, SCD6 homolog A (S. cerevisiae) (LSM14A), tra

gi|166235147|ref|NM\_012383.4| Homo sapiens osteoclast stimulating factor 1 (OSTF1), mRNA;

gi|166235151|ref|NM\_172212.2| Homo sapiens colony stimulating factor 1 (macrophage) (CSF1), transcript

gi|166235160|ref|NR\_004862.1| Homo sapiens tRNA-yW synthesizing protein 5 (TYW5), transcript variant 2

gi|166235161|ref|NM\_001839.3| Homo sapiens calponin 3, acidic (CNN3), mRNA;

gi|166235162|ref|NM\_012345.2| Homo sapiens nuclear fragile X mental retardation protein interacting pro

gi|166235166|ref|NM\_014415.3| Homo sapiens zinc finger and BTB domain containing 11 (ZBTB11), mRNA;

gi|166235170|ref|NM\_152369.3| Homo sapiens solute carrier family 44, member 3 (SLC44A3), transcript va

gi|166235174|ref|NM\_017904.3| Homo sapiens tetratricopeptide repeat domain 22 (TTC22), transcript var

gi|166235181|ref|NM\_178454.4| Homo sapiens DNA-damage regulated autophagy modulator 2 (DRAM2),

gi|166235183|ref|NM\_014431.2| Homo sapiens KIAA1274 (KIAA1274), mRNA;

gi|166235185|ref|NM\_015957.2| Homo sapiens APAF1 interacting protein (APIP), mRNA;

gi|166235887|ref|NM\_012269.2| Homo sapiens hyaluronoglucosaminidase 4 (HYAL4), mRNA;

gi|166235891|ref|NM\_012344.3| Homo sapiens neurotensin receptor 2 (NTSR2), mRNA;

gi|166235892|ref|NM\_001247.2| Homo sapiens ectonucleoside triphosphate diphosphohydrolase 6 (putati

gi|166235899|ref|NM\_013314.3| Homo sapiens B-cell linker (BLNK), transcript variant 1, mRNA; gi|166235

gi|166235902|ref|NM\_001114101.1| Homo sapiens complement component 1, q subcomponent, C chain (C

gi|166295172|ref|NM\_018240.5| Homo sapiens kin of IRRE like (Drosophila) (KIRREL), mRNA;

gi|166295187|ref|NM\_001114120.1| Homo sapiens DEP domain containing 1 (DEPDC1), transcript variant 1

gi|166295199|ref|NM\_000780.3| Homo sapiens cytochrome P450, family 7, subfamily A, polypeptide 1 (CY

gi|166295203|ref|NM\_025057.2| Homo sapiens chromosome 14 open reading frame 45 (C14orf45), mRNA

gi|166362712|ref|NM\_001795.3| Homo sapiens cadherin 5, type 2 (vascular endothelium) (CDH5), mRNA;

gi|166362718|ref|NM\_052827.2| Homo sapiens cyclin-dependent kinase 2 (CDK2), transcript variant 2, mR

gi|166362721|ref|NM\_198053.2| Homo sapiens CD247 molecule (CD247), transcript variant 1, mRNA; gi|16

gi|166362723|ref|NM\_004391.2| Homo sapiens cytochrome P450, family 8, subfamily B, polypeptide 1 (CY

gi|166362726|ref|NM\_080881.2| Homo sapiens drebrin 1 (DBN1), transcript variant 2, mRNA; gi|16636272

gi|166362733|ref|NM\_000733.3| Homo sapiens CD3e molecule, epsilon (CD3-TCR complex) (CD3E), mRNA;

gi|166362736|ref|NM\_001114134.1| Homo sapiens erythrocyte membrane protein band 4.2 (EPB42), trans

gi|166362738|ref|NM\_000073.2| Homo sapiens CD3g molecule, gamma (CD3-TCR complex) (CD3G), mRNA

gi|166362739|ref|NM\_001992.3| Homo sapiens coagulation factor II (thrombin) receptor (F2R), mRNA;

gi|166706863|ref|NR\_006880.1| Homo sapiens small nucleolar RNA, C/D box 3A (SNORD3A), small nucleola

gi|166706864|ref|NR\_006881.1| Homo sapiens small nucleolar RNA, C/D box 3C (SNORD3C), small nucleola

gi|166706865|ref|NR\_006882.1| Homo sapiens small nucleolar RNA, C/D box 3D (SNORD3D), small nucleola

gi|166706867|ref|NM\_001114133.1| Homo sapiens synaptopodin 2-like (SYNPO2L), transcript variant 1, m

gi|166706893|ref|NM\_007358.3| Homo sapiens metal response element binding transcription factor 2 (MT

gi|166706896|ref|NM\_058170.2| Homo sapiens olfactomedin 3 (OLFM3), mRNA;

gi|166706902|ref|NM\_002053.2| Homo sapiens guanylate binding protein 1, interferon-inducible (GBP1), n

gi|166706908|ref|NM\_006820.2| Homo sapiens interferon-induced protein 44-like (IFI44L), mRNA;

gi|166706910|ref|NM\_006417.4| Homo sapiens interferon-induced protein 44 (IFI44), mRNA;

gi|166706914|ref|NM\_147193.2| Homo sapiens GLIS family zinc finger 1 (GLIS1), mRNA;

gi|166706916|ref|NM\_001004303.4| Homo sapiens chromosome 1 open reading frame 168 (C1orf168), mRNA;

gi|166795235|ref|NM\_002353.2| Homo sapiens tumor-associated calcium signal transducer 2 (TACSTD2), mRNA;

gi|166795237|ref|NM\_032606.3| Homo sapiens calyphosine 2 (CAPS2), mRNA;

gi|166795244|ref|NM\_003629.3| Homo sapiens phosphoinositide-3-kinase, regulatory subunit 3 (gamma) (PRKRI), mRNA;

gi|166795249|ref|NM\_006845.3| Homo sapiens kinesin family member 2C (KIF2C), mRNA;

gi|166795251|ref|NM\_015307.1| Homo sapiens family with sequence similarity 189, member A1 (FAM189A), mRNA;

gi|166795253|ref|NM\_030816.4| Homo sapiens ankyrin repeat domain 13C (ANKRD13C), mRNA;

gi|166795263|ref|NM\_001114176.1| Homo sapiens AE binding protein 2 (AEBP2), transcript variant 2, mRNA;

gi|166795279|ref|NM\_213596.2| Homo sapiens forkhead box N4 (FOXN4), mRNA;

gi|166795282|ref|NM\_002062.3| Homo sapiens glucagon-like peptide 1 receptor (GLP1R), mRNA;

gi|166795284|ref|NM\_016035.3| Homo sapiens coenzyme Q4 homolog (S. cerevisiae) (COQ4), nuclear gene;

gi|166795286|ref|NM\_001441.2| Homo sapiens fatty acid amide hydrolase (FAAH), mRNA;

gi|166795298|ref|NM\_006516.2| Homo sapiens solute carrier family 2 (facilitated glucose transporter), member 1 (SLC2A1), mRNA;

gi|166795300|ref|NM\_016297.3| Homo sapiens prenylcysteine oxidase 1 (PCYOX1), mRNA;

gi|166795304|ref|NM\_001114184.1| Homo sapiens mitochondrial translational release factor 1-like (MTRF1), mRNA;

gi|166851803|ref|NM\_153046.2| Homo sapiens tudor domain containing 9 (TDRD9), mRNA;

gi|166851825|ref|NM\_182908.4| Homo sapiens dehydrogenase/reductase (SDR family) member 2 (DHRS2), mRNA;

gi|166851839|ref|NM\_001114309.1| Homo sapiens E74-like factor 3 (ets domain transcription factor, epithelial) (ELF3), mRNA;

gi|166851845|ref|NM\_001077665.2| Homo sapiens ArfGAP with GTPase domain, ankyrin repeat and PH domain (ARFGAP3), mRNA;

gi|166999097|ref|NM\_000838.3| Homo sapiens glutamate receptor, metabotropic 1 (GRM1), transcript variant 1, mRNA;

gi|166999612|ref|NM\_006732.2| Homo sapiens FBJ murine osteosarcoma viral oncogene homolog B (FOSB), mRNA;

gi|167000144|ref|NR\_004855.2| Homo sapiens highly up-regulated in liver cancer (non-protein coding) (HULC), mRNA;

gi|167000399|ref|NM\_021904.2| Homo sapiens gamma-aminobutyric acid (GABA) B receptor, 1 (GABBR1), mRNA;

gi|167000816|ref|NM\_001114175.1| Homo sapiens gamma-aminobutyric acid (GABA) A receptor, alpha 2 (GABRA2), mRNA;

gi|167000884|ref|NM\_001480.3| Homo sapiens galanin receptor 1 (GALR1), mRNA;

gi|167001140|ref|NM\_002081.2| Homo sapiens glypican 1 (GPC1), mRNA;

gi|167001483|ref|NM\_001114183.1| Homo sapiens glutamate receptor, ionotropic, AMPA 1 (GRIA1), transcript variant 1, mRNA;

gi|167001588|ref|NM\_000431.2| Homo sapiens mevalonate kinase (MVK), transcript variant 1, mRNA; gi|167003274|ref|NM\_001029886.2| Homo sapiens profilin 3 (PFN3), mRNA;

gi|167003330|ref|NM\_000834.3| Homo sapiens glutamate receptor, ionotropic, N-methyl D-aspartate 2B (GRIN2B), mRNA;

gi|167003944|ref|NM\_000204.3| Homo sapiens complement factor I (CFI), mRNA;

gi|167004077|ref|NM\_005371.5| Homo sapiens methyltransferase like 1 (METTL1), transcript variant 1, mRNA;

gi|167234404|ref|NM\_198476.3| Homo sapiens chromosome 19 open reading frame 54 (C19orf54), mRNA;

gi|167234416|ref|NM\_001114357.1| Homo sapiens chromosome 4 open reading frame 47 (C4orf47), mRNA;

gi|167234418|ref|NM\_005119.3| Homo sapiens thyroid hormone receptor associated protein 3 (THRAP3), mRNA;

gi|167234420|ref|NM\_001098376.2| Homo sapiens PRAME family member 15 (PRAMEF15), mRNA;

gi|167234421|ref|NM\_005335.4| Homo sapiens hematopoietic cell-specific Lyn substrate 1 (HCLS1), mRNA;

gi|167234428|ref|NM\_003443.2| Homo sapiens zinc finger and BTB domain containing 17 (ZBTB17), transcript variant 1, mRNA;

gi|167412123|ref|NM\_001114382.1| Homo sapiens tuberous sclerosis 2 (TSC2), transcript variant 5, mRNA;

gi|167466162|ref|NM\_000416.2| Homo sapiens interferon gamma receptor 1 (IFNGR1), mRNA;

gi|167466163|ref|NM\_000853.2| Homo sapiens glutathione S-transferase theta 1 (GSTT1), mRNA;

gi|167466167|ref|NM\_005534.3| Homo sapiens interferon gamma receptor 2 (interferon gamma transducer) (IFNGR2), mRNA;

gi|167466168|ref|NM\_002048.2| Homo sapiens growth arrest-specific 1 (GAS1), mRNA;

gi|167466170|ref|NM\_001523.2| Homo sapiens hyaluronan synthase 1 (HAS1), mRNA;

gi|167466172|ref|NM\_005346.4| Homo sapiens heat shock 70kDa protein 1B (HSPA1B), mRNA;

gi|167466176|ref|NM\_001114091.1| Homo sapiens cell division cycle 27 homolog (S. cerevisiae) (CDC27), transcript variant 1, mRNA;

gi|167466186|ref|NM\_004967.3| Homo sapiens integrin-binding sialoprotein (IBSP), mRNA;

gi|167466188|ref|NM\_014009.3| Homo sapiens forkhead box P3 (FOXP3), transcript variant 1, mRNA; gi|167466197|ref|NM\_000201.2| Homo sapiens intercellular adhesion molecule 1 (ICAM1), mRNA;

gi|167466206|ref|NM\_002162.3| Homo sapiens intercellular adhesion molecule 3 (ICAM3), mRNA;

gi|167466211|ref|NM\_004090.3| Homo sapiens dual specificity phosphatase 3 (DUSP3), mRNA;

gi|167466213|ref|NM\_207344.3| Homo sapiens SPRY domain containing 4 (SPRYD4), mRNA;

gi|167466216|ref|NM\_001114380.1| Homo sapiens integrin, alpha L (antigen CD11A (p180), lymphocyte fu

gi|167466218|ref|NM\_181787.2| Homo sapiens dpy-19-like 4 (C. elegans) (DPY19L4), mRNA;

gi|167466227|ref|NR\_015340.1| Homo sapiens serpin peptidase inhibitor, clade A (alpha-1 antiproteinase,

gi|167466230|ref|NM\_001001665.3| Homo sapiens cytochrome P450, family 27, subfamily C, polypeptide :

gi|167466232|ref|NM\_001012418.3| Homo sapiens myosin light chain kinase family, member 4 (MYLK4), r

gi|167466249|ref|NM\_182606.3| Homo sapiens transmembrane protease, serine 11A (TMPRSS11A), transc

gi|167466259|ref|NM\_206893.3| Homo sapiens membrane-spanning 4-domains, subfamily A, member 10 (

gi|167466261|ref|NM\_001004308.2| Homo sapiens zinc finger, CCHC domain containing 16 (ZCCHC16), mR

gi|167466263|ref|NM\_001006939.3| Homo sapiens leucine rich repeat containing 18 (LRRC18), mRNA;

gi|167466265|ref|NM\_173506.4| Homo sapiens LY6/PLAUR domain containing 4 (LYPD4), mRNA;

gi|167466269|ref|NM\_153812.2| Homo sapiens PHD finger protein 13 (PHF13), mRNA;

gi|167466271|ref|NM\_152515.3| Homo sapiens cytoskeleton associated protein 2-like (CKAP2L), mRNA;

gi|167466275|ref|NM\_152542.3| Homo sapiens protein phosphatase, Mg<sup>2+</sup>/Mn<sup>2+</sup> dependent, 1K (PPM1K);

gi|167466277|ref|NM\_145913.3| Homo sapiens solute carrier family 5 (iodide transporter), member 8 (SLC

gi|167466285|ref|NM\_153234.4| Homo sapiens Lix1 homolog (chicken) (LIX1), mRNA;

gi|16751916|ref|NM\_053278.1| Homo sapiens trace amine associated receptor 8 (TAAR8), mRNA;

gi|16753208|ref|NM\_017481.2| Homo sapiens ubiquilin 3 (UBQLN3), mRNA;

gi|16753213|ref|NM\_005022.2| Homo sapiens profilin 1 (PFN1), mRNA;

gi|16753220|ref|NM\_021248.1| Homo sapiens cadherin 22, type 2 (CDH22), mRNA;

gi|16753230|ref|NM\_053285.1| Homo sapiens tektin 1 (TEKT1), mRNA;

gi|167555096|ref|NM\_001114393.1| Homo sapiens PAP associated domain containing 4 (PAPD4), transcrip

gi|167555105|ref|NM\_001114395.1| Homo sapiens centlein, centrosomal protein (CNTLN), transcript varia

gi|167555109|ref|NM\_002263.3| Homo sapiens kinesin family member C1 (KIFC1), mRNA;

gi|167555118|ref|NM\_194324.2| Homo sapiens thymosin beta 15B (TMSB15B), mRNA;

gi|167555126|ref|NM\_005582.2| Homo sapiens CD180 molecule (CD180), mRNA;

gi|167614484|ref|NM\_006111.2| Homo sapiens acetyl-CoA acyltransferase 2 (ACAA2), nuclear gene encodi

gi|167614487|ref|NM\_015527.3| Homo sapiens TBC1 domain family, member 10B (TBC1D10B), mRNA;

gi|167614493|ref|NM\_002262.3| Homo sapiens killer cell lectin-like receptor subfamily D, member 1 (KLRD

gi|167614499|ref|NM\_002286.5| Homo sapiens lymphocyte-activation gene 3 (LAG3), mRNA;

gi|167614501|ref|NM\_002711.3| Homo sapiens protein phosphatase 1, regulatory subunit 3A (PPP1R3A), r

gi|167614503|ref|NM\_002291.2| Homo sapiens laminin, beta 1 (LAMB1), mRNA;

gi|167621406|ref|NM\_014109.3| Homo sapiens ATPase family, AAA domain containing 2 (ATAD2), mRNA;

gi|167621407|ref|NM\_000162.3| Homo sapiens glucokinase (hexokinase 4) (GCK), transcript variant 1, mRN

gi|167621410|ref|NR\_015342.1| Homo sapiens prostate cancer antigen 3 (non-protein coding) (PCA3), non

gi|167621442|ref|NM\_001007532.2| Homo sapiens saitohein (STH), mRNA;

gi|167621452|ref|NM\_000566.3| Homo sapiens Fc fragment of IgG, high affinity Ia, receptor (CD64) (FCGR1

gi|167621455|ref|NM\_173598.4| Homo sapiens kinase suppressor of ras 2 (KSR2), mRNA;

gi|167736377|ref|NM\_001114598.1| Homo sapiens aspartate dehydrogenase domain containing (ASPDH),

gi|167736388|ref|NM\_001114600.1| Homo sapiens chromosome 1 open reading frame 144 (C1orf144), tra

gi|167830410|ref|NM\_000906.3| Homo sapiens natriuretic peptide receptor A/guanylate cyclase A (atriona

gi|167830430|ref|NM\_020880.3| Homo sapiens zinc finger protein 530 (ZNF530), mRNA;

gi|167830432|ref|NM\_020865.2| Homo sapiens DEAH (Asp-Glu-Ala-His) box polypeptide 36 (DHX36), trans

gi|167830434|ref|NM\_001008740.3| Homo sapiens transmembrane and coiled-coil domains 2 (TMCO2), m

gi|167830456|ref|NM\_001012977.2| Homo sapiens poly(A) binding protein, cytoplasmic 1-like 2A (PABPC1

gi|167830467|ref|NM\_014980.2| Homo sapiens syntaxin binding protein 5-like (STXBP5L), mRNA;

gi|167830474|ref|NM\_005928.2| Homo sapiens milk fat globule-EGF factor 8 protein (MFGE8), transcript v

gi|167830482|ref|NM\_017763.4| Homo sapiens ring finger protein 43 (RNF43), mRNA;

gi|167830484|ref|NM\_001010911.2| Homo sapiens chromosome 10 open reading frame 114 (C10orf114),

gi|167830487|ref|NM\_019897.2| Homo sapiens olfactory receptor, family 2, subfamily S, member 2 (OR2S

gi|167830489|ref|NM\_182540.4| Homo sapiens DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 26B (DDX2

gi|167857781|ref|NM\_001114618.1| Homo sapiens mannosyl (alpha-1,3-)-glycoprotein beta-1,2-N-acetylgl

gi|167857787|ref|NM\_005931.3| Homo sapiens MHC class I polypeptide-related sequence B (MICB), mRNA

gi|167857789|ref|NM\_000607.2| Homo sapiens orosomucoid 1 (ORM1), mRNA;

gi|167857791|ref|NM\_005018.2| Homo sapiens programmed cell death 1 (PDCD1), mRNA;

gi|167857795|ref|NM\_001114634.1| Homo sapiens pleiomorphic adenoma gene 1 (PLAG1), transcript vari

gi|167860108|ref|NM\_005090.3| Homo sapiens JMJD7-PLA2G4B readthrough (JMJD7-PLA2G4B), transcript

gi|167860109|ref|NM\_022725.3| Homo sapiens Fanconi anemia, complementation group F (FANCF), mRNA

gi|167860112|ref|NM\_001071775.2| Homo sapiens mitotic spindle organizing protein 1 (MZT1), mRNA;

gi|167860113|ref|NM\_001114632.1| Homo sapiens jumonji domain containing 7 (JMJD7), mRNA;

gi|167860115|ref|NM\_005023.3| Homo sapiens protein geranylgeranyltransferase type I, beta subunit (PG

gi|167860119|ref|NM\_001114633.1| Homo sapiens phospholipase A2, group IVB (cytosolic) (PLA2G4B), mF

gi|167860125|ref|NM\_002639.4| Homo sapiens serpin peptidase inhibitor, clade B (ovalbumin), member 5

gi|167860136|ref|NM\_018062.3| Homo sapiens Fanconi anemia, complementation group L (FANCL), transc

gi|167860144|ref|NM\_020937.2| Homo sapiens Fanconi anemia, complementation group M (FANCM), mRI

gi|167900473|ref|NM\_174931.2| Homo sapiens coiled-coil domain containing 75 (CCDC75), mRNA;

gi|167900475|ref|NM\_001080850.2| Homo sapiens coiled-coil domain containing 30 (CCDC30), mRNA;

gi|167900476|ref|NM\_002695.3| Homo sapiens polymerase (RNA) II (DNA directed) polypeptide E, 25kDa (

gi|167900477|ref|NM\_006235.2| Homo sapiens POU class 2 associating factor 1 (POU2AF1), mRNA;

gi|167900483|ref|NM\_002852.3| Homo sapiens pentraxin 3, long (PTX3), mRNA;

gi|168229149|ref|NM\_001114734.1| Homo sapiens poly(A) binding protein, cytoplasmic 4-like (PABPC4L), r

gi|168229158|ref|NM\_004334.2| Homo sapiens bone marrow stromal cell antigen 1 (BST1), mRNA;

gi|168229166|ref|NM\_024536.5| Homo sapiens chondroitin polymerizing factor (CHPF), transcript variant 1

gi|168229167|ref|NM\_001211.5| Homo sapiens budding uninhibited by benzimidazoles 1 homolog beta (ye

gi|168229170|ref|NM\_000713.2| Homo sapiens biliverdin reductase B (flavin reductase (NADPH)) (BLVRB),

gi|168229172|ref|NR\_001562.2| Homo sapiens annexin A2 pseudogene 1 (ANXA2P1), non-coding RNA;

gi|168229173|ref|NM\_018989.1| Homo sapiens RNA binding motif protein 27 (RBM27), mRNA;

gi|168229201|ref|NR\_015352.1| Homo sapiens cat eye syndrome chromosome region, candidate 7 (non-pr

gi|168229202|ref|NR\_015353.1| Homo sapiens uncharacterized LOC92249 (LOC92249), non-coding RNA;

gi|168229213|ref|NM\_001080511.2| Homo sapiens C-type lectin domain family 2, member L (CLEC2L), mRI

gi|168229255|ref|NM\_152363.4| Homo sapiens ankyrin repeat and LEM domain containing 1 (ANKLE1), mF

gi|168480069|ref|NM\_000056.3| Homo sapiens branched chain keto acid dehydrogenase E1, beta polypep

gi|168480071|ref|NM\_001114735.1| Homo sapiens BCL2-related protein A1 (BCL2A1), transcript variant 2,

gi|168480073|ref|NM\_000623.3| Homo sapiens bradykinin receptor B2 (BDKRB2), mRNA;

gi|168480078|ref|NM\_001153.3| Homo sapiens annexin A4 (ANXA4), mRNA;

gi|168480079|ref|NM\_004330.2| Homo sapiens BCL2/adenovirus E1B 19kDa interacting protein 2 (BNIP2),

gi|168480081|ref|NM\_001729.2| Homo sapiens betacellulin (BTC), mRNA;

gi|168480085|ref|NM\_001114748.1| Homo sapiens transmembrane protein 240 (TMEM240), mRNA;

gi|168480107|ref|NM\_001395.2| Homo sapiens dual specificity phosphatase 9 (DUSP9), mRNA;

gi|168480109|ref|NM\_005225.2| Homo sapiens E2F transcription factor 1 (E2F1), mRNA;

gi|168480118|ref|NM\_024007.3| Homo sapiens early B-cell factor 1 (EBF1), mRNA;

gi|168480124|ref|NM\_001891.2| Homo sapiens casein beta (CSN2), mRNA;

gi|168480125|ref|NM\_001442.2| Homo sapiens fatty acid binding protein 4, adipocyte (FABP4), mRNA;

gi|168480129|ref|NM\_022977.2| Homo sapiens acyl-CoA synthetase long-chain family member 4 (ACSL4), mRNA;

gi|168480138|ref|NM\_021116.2| Homo sapiens adenylate cyclase 1 (brain) (ADCY1), mRNA;

gi|168480141|ref|NM\_015270.3| Homo sapiens adenylate cyclase 6 (ADCY6), transcript variant 1, mRNA;

gi|168480143|ref|NR\_015359.1| Homo sapiens WDFY3 antisense RNA 2 (non-protein coding) (WDFY3-AS2), mRNA;

gi|168480144|ref|NM\_001101.3| Homo sapiens actin, beta (ACTB), mRNA;

gi|168480145|ref|NM\_001115.2| Homo sapiens adenylate cyclase 8 (brain) (ADCY8), mRNA;

gi|168480146|ref|NM\_000214.2| Homo sapiens jagged 1 (JAG1), mRNA;

gi|168480147|ref|NM\_005164.3| Homo sapiens ATP-binding cassette, sub-family D (ALD), member 2 (ABCC2), mRNA;

gi|168480148|ref|NM\_001698.2| Homo sapiens AU RNA binding protein/enoyl-CoA hydratase (AUH), nucleoside diphosphate dependent, mRNA;

gi|168480149|ref|NM\_000707.3| Homo sapiens arginine vasopressin receptor 1B (AVPR1B), mRNA;

gi|168693430|ref|NM\_177438.2| Homo sapiens dicer 1, ribonuclease type III (DICER1), transcript variant 1, mRNA;

gi|168693606|ref|NR\_015360.1| Homo sapiens uncharacterized LOC644873 (FLJ33630), non-coding RNA;

gi|168693607|ref|NR\_015361.1| Homo sapiens uncharacterized LOC440896 (LOC440896), non-coding RNA;

gi|168693608|ref|NR\_015362.1| Homo sapiens tumor suppressor TSG1 (TSG1), non-coding RNA;

gi|168693625|ref|NM\_001447.2| Homo sapiens FAT tumor suppressor homolog 2 (Drosophila) (FAT2), mRNA;

gi|168693626|ref|NM\_001425.2| Homo sapiens epithelial membrane protein 3 (EMP3), mRNA;

gi|168693642|ref|NM\_001114752.1| Homo sapiens CD55 molecule, decay accelerating factor for complement (CD55), mRNA;

gi|168693645|ref|NM\_000118.2| Homo sapiens endoglin (ENG), transcript variant 2, mRNA;

gi|168693646|ref|NM\_001118.2| Homo sapiens endoglin (ENG), transcript variant 1, mRNA;

gi|168693660|ref|NM\_020529.2| Homo sapiens nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 (NFKB1), mRNA;

gi|168693661|ref|NM\_001344.2| Homo sapiens defender against cell death 1 (DAD1), mRNA;

gi|16876434|ref|NM\_054021.1| Homo sapiens G protein-coupled receptor 101 (GPR101), mRNA;

gi|16876446|ref|NM\_054028.1| Homo sapiens solute carrier family 35, member G5 (SLC35G5), mRNA;

gi|168823434|ref|NM\_024694.3| Homo sapiens androglobin (ADGB), mRNA;

gi|168823442|ref|NM\_015106.2| Homo sapiens RAD54-like 2 (S. cerevisiae) (RAD54L2), mRNA;

gi|168823566|ref|NR\_015374.1| Homo sapiens uncharacterized LOC401463 (LOC401463), non-coding RNA;

gi|168823567|ref|NR\_015375.1| Homo sapiens uncharacterized LOC401491 (FLJ35024), non-coding RNA;

gi|168823572|ref|NR\_015380.1| Homo sapiens A1BG antisense RNA 1 (non-protein coding) (A1BG-AS1), non-coding RNA;

gi|168823573|ref|NR\_015381.1| Homo sapiens TP53 target 1 (non-protein coding) (TP53TG1), non-coding RNA;

gi|168823574|ref|NR\_015382.1| Homo sapiens uncharacterized LOC678655 (LOC678655), non-coding RNA;

gi|168986654|ref|NM\_194287.2| Homo sapiens chromosome 14 open reading frame 166B (C14orf166B), non-coding RNA;

gi|16905511|ref|NM\_001003.2| Homo sapiens ribosomal protein, large, P1 (RPLP1), transcript variant 1, mRNA;

gi|169160734|ref|XM\_001725689.1| PREDICTED: Homo sapiens hypothetical protein LOC256483 (LOC256483), mRNA;

gi|169160747|ref|XM\_001718592.1| PREDICTED: Homo sapiens hypothetical protein LOC199897 (LOC199897), mRNA;

gi|169160882|ref|XM\_001722788.1| PREDICTED: Homo sapiens hypothetical protein LOC100130800 (LOC100130800), mRNA;

gi|169160904|ref|XM\_001716411.1| PREDICTED: Homo sapiens nuclear transport factor 2-like (LOC128322), mRNA;

gi|169162741|ref|XM\_001719406.1| PREDICTED: Homo sapiens hypothetical protein LOC100131354 (LOC100131354), mRNA;

gi|169162877|ref|XM\_001721533.1| PREDICTED: Homo sapiens UPF0627 protein ENSP00000364708 (LOC100131354), mRNA;

gi|169162888|ref|XM\_001715369.1| PREDICTED: Homo sapiens UPF0627 protein ENSP00000341061/ENSP00000364708 (LOC100131354), mRNA;

gi|169163622|ref|XM\_001727011.1| PREDICTED: Homo sapiens peptidyl-prolyl cis-trans isomerase A-like (LOC100131354), mRNA;

gi|169164060|ref|XM\_001713850.1| PREDICTED: Homo sapiens anaphase-promoting complex subunit 1-like (LOC100131354), mRNA;

gi|169165344|ref|XM\_001714956.1| PREDICTED: Homo sapiens hypothetical protein LOC642891 (LOC642891), mRNA;

gi|169165464|ref|XM\_001717679.1| PREDICTED: Homo sapiens destrin-like (LOC729454), mRNA;

gi|169167791|ref|XM\_001714488.1| PREDICTED: Homo sapiens hypothetical protein LOC401180 (LOC401180), mRNA;

gi|169168999|ref|XM\_001716322.1| PREDICTED: Homo sapiens hypothetical protein LOC100127961 (LOC1  
gi|169172806|ref|XM\_001715550.1| PREDICTED: Homo sapiens hypothetical protein LOC100131608 (LOC1  
gi|169172910|ref|XM\_001715959.1| PREDICTED: Homo sapiens hypothetical protein LOC100133251 (LOC1  
gi|169173111|ref|XM\_001716081.1| PREDICTED: Homo sapiens hypothetical protein LOC100133047 (LOC1  
gi|169173305|ref|XM\_001714756.1| PREDICTED: Homo sapiens hypothetical protein LOC100129098 (LOC1  
gi|169183884|ref|XM\_001716795.1| PREDICTED: Homo sapiens microtubule-associated proteins 1A/1B lig  
gi|169205869|ref|XM\_001723567.1| PREDICTED: Homo sapiens hypothetical protein LOC100129744 (LOC1  
gi|169208947|ref|XM\_001718522.1| PREDICTED: Homo sapiens hypothetical protein LOC646670 (LOC6466  
gi|169211048|ref|XM\_001719398.1| PREDICTED: Homo sapiens hypothetical protein LOC100131091 (LOC1  
gi|169211190|ref|XM\_001715409.1| PREDICTED: Homo sapiens hypothetical protein LOC100130370 (LOC1  
gi|169211553|ref|XM\_001716364.1| PREDICTED: Homo sapiens hypothetical protein LOC100128105 (LOC1  
gi|169213933|ref|XM\_001725164.1| PREDICTED: Homo sapiens hypothetical protein LOC729626 (LOC7296  
gi|169217428|ref|XM\_001716449.1| PREDICTED: Homo sapiens family with sequence similarity 197, Y-link  
gi|169234615|ref|NM\_002514.3| Homo sapiens nephroblastoma overexpressed (NOV), mRNA;  
gi|169234616|ref|NM\_152442.3| Homo sapiens RAD9 homolog B (S. pombe) (RAD9B), mRNA;  
gi|169234622|ref|NM\_005354.4| Homo sapiens jun D proto-oncogene (JUND), mRNA;  
gi|169234629|ref|NM\_144770.3| Homo sapiens RNA binding motif protein 11 (RBM11), mRNA;  
gi|169234648|ref|NM\_198501.2| Homo sapiens smoothelin-like 2 (SMTNL2), transcript variant 2, mRNA; gi  
gi|169234662|ref|NM\_001114981.1| Homo sapiens tumor protein p63 (TP63), transcript variant 5, mRNA; ;  
gi|169234666|ref|NM\_018056.2| Homo sapiens transmembrane protein 39B (TMEM39B), mRNA;  
gi|169234718|ref|NM\_194282.2| Homo sapiens lin-54 homolog (C. elegans) (LIN54), transcript variant 1, m  
gi|169234727|ref|NM\_020179.2| Homo sapiens chromosome 11 open reading frame 75 (C11orf75), mRNA  
gi|169234733|ref|NM\_031442.3| Homo sapiens transmembrane protein 47 (TMEM47), mRNA;  
gi|169234767|ref|NM\_170739.2| Homo sapiens mitochondrial ribosomal protein L11 (MRPL11), nuclear ge  
gi|169234770|ref|NM\_005633.3| Homo sapiens son of sevenless homolog 1 (Drosophila) (SOS1), mRNA;  
gi|169234777|ref|NM\_024681.2| Homo sapiens potassium channel tetramerisation domain containing 17 (  
gi|169234781|ref|NM\_080625.3| Homo sapiens chromosome 20 open reading frame 160 (C20orf160), mRI  
gi|169234785|ref|NM\_017991.4| Homo sapiens KAT8 regulatory NSL complex subunit 3 (KANSL3), transcrip  
gi|169234788|ref|NM\_030903.3| Homo sapiens olfactory receptor, family 2, subfamily W, member 1 (OR2)  
gi|169234791|ref|NM\_013936.3| Homo sapiens olfactory receptor, family 12, subfamily D, member 2 (OR1  
gi|169234808|ref|NM\_001098416.2| Homo sapiens histone deacetylase 7 (HDAC7), transcript variant 4, m  
gi|169234948|ref|NM\_152434.2| Homo sapiens CWF19-like 2, cell cycle control (S. pombe) (CWF19L2), mR  
gi|169234956|ref|NM\_173353.3| Homo sapiens tryptophan hydroxylase 2 (TPH2), mRNA;  
gi|169234963|ref|NM\_152315.2| Homo sapiens family with sequence similarity 55, member A (FAM55A), n  
gi|169259765|ref|NM\_001514.5| Homo sapiens general transcription factor IIB (GTF2B), mRNA;  
gi|169259767|ref|NM\_021109.3| Homo sapiens thymosin beta 4, X-linked (TMSB4X), mRNA;  
gi|169259774|ref|NM\_014737.2| Homo sapiens Ras association (RalGDS/AF-6) domain family member 2 (R  
gi|16933532|ref|NM\_057095.1| Homo sapiens cytochrome P450, family 3, subfamily A, polypeptide 43 (CY  
gi|16933539|ref|NM\_004460.2| Homo sapiens fibroblast activation protein, alpha (FAP), mRNA;  
gi|16936519|ref|NM\_025216.2| Homo sapiens wingless-type MMTV integration site family, member 10A (\  
gi|16936539|ref|NM\_057093.1| Homo sapiens crystallin, beta A2 (CRYBA2), transcript variant 2, mRNA; gi|  
gi|169403956|ref|NM\_024933.3| Homo sapiens ankyrin repeat domain 53 (ANKRD53), transcript variant 2,  
gi|169403966|ref|NM\_022061.3| Homo sapiens mitochondrial ribosomal protein L17 (MRPL17), nuclear ge  
gi|169403969|ref|NM\_014161.3| Homo sapiens mitochondrial ribosomal protein L18 (MRPL18), nuclear ge  
gi|169403970|ref|NM\_017840.3| Homo sapiens mitochondrial ribosomal protein L16 (MRPL16), nuclear ge  
gi|169403971|ref|NM\_014175.3| Homo sapiens mitochondrial ribosomal protein L15 (MRPL15), nuclear ge  
gi|169403972|ref|NM\_017971.3| Homo sapiens mitochondrial ribosomal protein L20 (MRPL20), nuclear ge

gi|169403973|ref|NM\_145729.2| Homo sapiens mitochondrial ribosomal protein L24 (MRPL24), nuclear ge  
gi|169403993|ref|NR\_015383.1| Homo sapiens uncharacterized LOC340357 (LOC340357), non-coding RNA,  
gi|169404007|ref|NM\_032511.2| Homo sapiens failed axon connections homolog (Drosophila) (FAXC), mRNA  
gi|169404008|ref|NM\_003144.3| Homo sapiens signal sequence receptor, alpha (SSR1), mRNA;  
gi|16945968|ref|NM\_052953.2| Homo sapiens leucine rich repeat containing 3B (LRRC3B), mRNA;  
gi|169636414|ref|NM\_000065.2| Homo sapiens complement component 6 (C6), transcript variant 1, mRNA  
gi|169636419|ref|NM\_001216.2| Homo sapiens carbonic anhydrase IX (CA9), mRNA;  
gi|169636423|ref|NM\_023937.3| Homo sapiens mitochondrial ribosomal protein L34 (MRPL34), nuclear ge  
gi|169636426|ref|NM\_016622.3| Homo sapiens mitochondrial ribosomal protein L35 (MRPL35), nuclear ge  
gi|169636427|ref|NM\_005893.2| Homo sapiens calicin (CCIN), mRNA;  
gi|169636429|ref|NM\_014180.3| Homo sapiens mitochondrial ribosomal protein L22 (MRPL22), nuclear ge  
gi|169636438|ref|NM\_000078.2| Homo sapiens cholesteryl ester transfer protein, plasma (CETP), mRNA;  
gi|169646212|ref|NM\_032479.3| Homo sapiens mitochondrial ribosomal protein L36 (MRPL36), nuclear ge  
gi|169646274|ref|NM\_003124.4| Homo sapiens sepiapterin reductase (7,8-dihydrobiopterin:NADP+ oxidor  
gi|169646280|ref|NM\_022757.4| Homo sapiens coiled-coil domain containing 14 (CCDC14), mRNA;  
gi|169646297|ref|NM\_181304.2| Homo sapiens mitochondrial ribosomal protein L52 (MRPL52), nuclear ge  
gi|169646343|ref|NM\_032477.2| Homo sapiens mitochondrial ribosomal protein L41 (MRPL41), nuclear ge  
gi|169646347|ref|NM\_001115152.1| Homo sapiens CD300 molecule-like family member d (CD300LD), mRNA  
gi|169646356|ref|NM\_022726.3| Homo sapiens ELOVL fatty acid elongase 4 (ELOVL4), mRNA;  
gi|169646377|ref|NM\_181463.2| Homo sapiens mitochondrial ribosomal protein L55 (MRPL55), nuclear ge  
gi|169646422|ref|NM\_016491.3| Homo sapiens mitochondrial ribosomal protein L37 (MRPL37), nuclear ge  
gi|169646440|ref|NM\_001115156.1| Homo sapiens GDP dissociation inhibitor 2 (GDI2), transcript variant 2  
gi|169646566|ref|NR\_015444.1| Homo sapiens protein tyrosine phosphatase pseudogene (LOC100128076)  
gi|169646575|ref|NR\_015446.1| Homo sapiens ferritin, light polypeptide pseudogene 10 (FTLP10), non-cod  
gi|169646732|ref|NM\_016497.3| Homo sapiens mitochondrial ribosomal protein L51 (MRPL51), nuclear ge  
gi|169646744|ref|NM\_001147.2| Homo sapiens angiopoietin 2 (ANGPT2), transcript variant 1, mRNA; gi|16  
gi|169646775|ref|NM\_001118890.1| Homo sapiens glutaredoxin (thioltransferase) (GLRX), transcript variar  
gi|169646780|ref|NM\_002066.2| Homo sapiens glycosylphosphatidylinositol anchored molecule like protei  
gi|169646784|ref|NM\_006496.2| Homo sapiens guanine nucleotide binding protein (G protein), alpha inhib  
gi|169658366|ref|NM\_001080519.2| Homo sapiens BAH domain and coiled-coil containing 1 (BAHCC1), mR  
gi|169658370|ref|NM\_003321.4| Homo sapiens Tu translation elongation factor, mitochondrial (TUFM), nu  
gi|169658372|ref|NM\_022163.3| Homo sapiens mitochondrial ribosomal protein L46 (MRPL46), nuclear ge  
gi|169658373|ref|NM\_006179.4| Homo sapiens neurotrophin 4 (NTF4), mRNA;  
gi|169658377|ref|NM\_001080495.2| Homo sapiens trinucleotide repeat containing 18 (TNRC18), mRNA;  
gi|169658385|ref|NM\_019051.2| Homo sapiens mitochondrial ribosomal protein L50 (MRPL50), nuclear ge  
gi|169790776|ref|NM\_019021.2| Homo sapiens chromosome 11 open reading frame 71 (C11orf71), mRNA  
gi|169790778|ref|NM\_001080468.2| Homo sapiens syncollin (SYCN), mRNA;  
gi|169790779|ref|NM\_207103.2| Homo sapiens SLP adaptor and CSK interacting membrane protein (SCIMF  
gi|169790795|ref|NM\_139058.2| Homo sapiens aristaless related homeobox (ARX), mRNA;  
gi|169790809|ref|NM\_001203.2| Homo sapiens bone morphogenetic protein receptor, type IB (BMPRI1B), t  
gi|169790810|ref|NM\_012435.2| Homo sapiens SHC (Src homology 2 domain containing) transforming proi  
gi|169790812|ref|NM\_003239.2| Homo sapiens transforming growth factor, beta 3 (TGFB3), mRNA;  
gi|169790824|ref|NM\_001098816.2| Homo sapiens odz, odd Oz/ten-m homolog 4 (Drosophila) (ODZ4), mR  
gi|169790828|ref|NM\_002755.3| Homo sapiens mitogen-activated protein kinase kinase 1 (MAP2K1), mRN  
gi|169790830|ref|NM\_002294.2| Homo sapiens lysosomal-associated membrane protein 2 (LAMP2), trans  
gi|169790834|ref|NM\_000292.2| Homo sapiens phosphorylase kinase, alpha 2 (liver) (PHKA2), mRNA;  
gi|169790836|ref|NM\_001122607.1| Homo sapiens runt-related transcription factor 1 (RUNX1), transcript

gi|169790840|ref|NM\_002282.3| Homo sapiens keratin 83 (KRT83), mRNA;

gi|169790842|ref|NM\_004360.3| Homo sapiens cadherin 1, type 1, E-cadherin (epithelial) (CDH1), mRNA;

gi|169790843|ref|NM\_000239.2| Homo sapiens lysozyme (LYZ), mRNA;

gi|169790845|ref|NM\_078468.2| Homo sapiens BRCA2 and CDKN1A interacting protein (BCCIP), transcript

gi|169790852|ref|NM\_002281.3| Homo sapiens keratin 81 (KRT81), mRNA;

gi|169790854|ref|NM\_022915.3| Homo sapiens mitochondrial ribosomal protein L44 (MRPL44), nuclear ge

gi|169790902|ref|NM\_001122631.1| Homo sapiens cyclin-dependent kinase inhibitor 1C (p57, Kip2) (CDKN

gi|169790916|ref|NM\_016055.5| Homo sapiens mitochondrial ribosomal protein L48 (MRPL48), nuclear ge

gi|169790917|ref|NM\_000252.2| Homo sapiens myotubularin 1 (MTM1), mRNA;

gi|169790920|ref|NM\_000230.2| Homo sapiens leptin (LEP), mRNA;

gi|169790922|ref|NM\_000254.2| Homo sapiens 5-methyltetrahydrofolate-homocysteine methyltransferas

gi|169790925|ref|NM\_001122636.1| Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-ac

gi|169790951|ref|NM\_000098.2| Homo sapiens carnitine palmitoyltransferase 2 (CPT2), nuclear gene enco

gi|169790952|ref|NM\_080610.2| Homo sapiens cystatin 9-like (CST9L), mRNA;

gi|169790955|ref|NM\_024010.2| Homo sapiens 5-methyltetrahydrofolate-homocysteine methyltransferas

gi|169790959|ref|NM\_005208.4| Homo sapiens crystallin, beta A1 (CRYBA1), mRNA;

gi|169790962|ref|NM\_020989.3| Homo sapiens crystallin, gamma C (CRYGC), mRNA;

gi|169790972|ref|NM\_013988.2| Homo sapiens parkinson protein 2, E3 ubiquitin protein ligase (parkin) (PA

gi|169791012|ref|NM\_002175.2| Homo sapiens interferon, alpha 21 (IFNA21), mRNA;

gi|169791014|ref|NM\_007102.2| Homo sapiens guanylate cyclase activator 2B (uroguanylin) (GUCA2B), mF

gi|169791019|ref|NM\_000180.3| Homo sapiens guanylate cyclase 2D, membrane (retina-specific) (GUCY2C

gi|169791020|ref|NM\_005328.2| Homo sapiens hyaluronan synthase 2 (HAS2), mRNA;

gi|169808381|ref|NM\_000353.2| Homo sapiens tyrosine aminotransferase (TAT), nuclear gene encoding m

gi|169808382|ref|NM\_001385.2| Homo sapiens dihydropyrimidinase (DPYS), mRNA;

gi|169808383|ref|NM\_000539.3| Homo sapiens rhodopsin (RHO), mRNA;

gi|169808386|ref|NM\_052945.3| Homo sapiens tumor necrosis factor receptor superfamily, member 13C (

gi|169808388|ref|NM\_006579.2| Homo sapiens emopamil binding protein (sterol isomerase) (EBP), mRNA;

gi|169808398|ref|NM\_020381.3| Homo sapiens prenyl (decaprenyl) diphosphate synthase, subunit 2 (PDSS

gi|169808403|ref|NM\_000506.3| Homo sapiens coagulation factor II (thrombin) (F2), mRNA;

gi|169808423|ref|NM\_000293.2| Homo sapiens phosphorylase kinase, beta (PHKB), transcript variant 1, mI

gi|169881236|ref|NM\_007126.3| Homo sapiens valosin containing protein (VCP), mRNA;

gi|169881237|ref|NM\_004660.3| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, Y-linked (DDX3

gi|169881242|ref|NM\_000550.2| Homo sapiens tyrosinase-related protein 1 (TYRP1), mRNA;

gi|169881245|ref|NM\_004959.4| Homo sapiens nuclear receptor subfamily 5, group A, member 1 (NR5A1),

gi|169881251|ref|NM\_001518.3| Homo sapiens general transcription factor Ili (GTF2I), transcript variant 4,

gi|169881262|ref|NM\_000262.2| Homo sapiens N-acetylgalactosaminidase, alpha- (NAGA), mRNA;

gi|169881265|ref|NM\_004132.3| Homo sapiens hyaluronan binding protein 2 (HABP2), transcript variant 1,

gi|169881274|ref|NM\_001122670.1| Homo sapiens phosphorylase kinase, alpha 1 (muscle) (PHKA1), trans

gi|169881280|ref|NM\_001122672.1| Homo sapiens cysteine conjugate-beta lyase, cytoplasmic (CCBL1), tra

gi|169881285|ref|NM\_001122674.1| Homo sapiens ATP-binding cassette, sub-family D (ALD), member 3 (A

gi|170014683|ref|NM\_001023570.2| Homo sapiens IQ motif containing B1 (IQCB1), transcript variant 1, mF

gi|170014688|ref|NM\_020777.2| Homo sapiens sortilin-related VPS10 domain containing receptor 2 (SORC

gi|170014694|ref|NR\_002717.2| Homo sapiens ATXN8 opposite strand (non-protein coding) (ATXN8OS), an

gi|170014704|ref|NM\_001122681.1| Homo sapiens SH3-domain binding protein 2 (SH3BP2), transcript vari

gi|170014726|ref|NM\_000342.3| Homo sapiens solute carrier family 4, anion exchanger, member 1 (erythr

gi|170014741|ref|NM\_004621.5| Homo sapiens transient receptor potential cation channel, subfamily C, m

gi|170016022|ref|NM\_001122716.1| Homo sapiens chromosome X open reading frame 64 (CXorf64), mRN



gi|170016066|ref|NM\_002547.2| Homo sapiens oligophrenin 1 (OPHN1), mRNA;

gi|170016068|ref|NM\_017742.4| Homo sapiens zinc finger, CCHC domain containing 2 (ZCCHC2), mRNA;

gi|170016076|ref|NM\_020410.2| Homo sapiens ATPase type 13A1 (ATP13A1), mRNA;

gi|170016080|ref|NM\_006915.2| Homo sapiens retinitis pigmentosa 2 (X-linked recessive) (RP2), mRNA;

gi|170016090|ref|NM\_001122679.1| Homo sapiens odz, odd Oz/ten-m homolog 2 (Drosophila) (ODZ2), mRNA;

gi|170172514|ref|NM\_002495.2| Homo sapiens NADH dehydrogenase (ubiquinone) Fe-S protein 4, 18kDa (ND4), mRNA;

gi|17017971|ref|NM\_016093.2| Homo sapiens ribosomal protein L26-like 1 (RPL26L1), mRNA;

gi|17017973|ref|NM\_004626.2| Homo sapiens wingless-type MMTV integration site family, member 11 (WIF1), mRNA;

gi|17017975|ref|NM\_003396.1| Homo sapiens wingless-type MMTV integration site family, member 9B (WIF2), mRNA;

gi|17017987|ref|NM\_001862.2| Homo sapiens cytochrome c oxidase subunit Vb (COX5B), nuclear gene encoding, mRNA;

gi|17025233|ref|NM\_000420.2| Homo sapiens Kell blood group, metallo-endopeptidase (KEL), mRNA;

gi|170295801|ref|NM\_001122741.1| Homo sapiens estrogen receptor 1 (ESR1), transcript variant 3, mRNA;

gi|170295805|ref|NM\_005025.4| Homo sapiens serpin peptidase inhibitor, clade I (neuroserpin), member 1 (SERPINF1), mRNA;

gi|170295841|ref|NM\_006868.3| Homo sapiens RAB31, member RAS oncogene family (RAB31), mRNA;

gi|170650607|ref|NM\_000309.3| Homo sapiens protoporphyrinogen oxidase (PPOX), nuclear gene encoding, mRNA;

gi|170650640|ref|NM\_005514.6| Homo sapiens major histocompatibility complex, class I, B (HLA-B), mRNA;

gi|170650641|ref|NM\_021945.5| Homo sapiens solute carrier family 22, member 23 (SLC22A23), transcript variant 1, mRNA;

gi|170650660|ref|NM\_006208.2| Homo sapiens ectonucleotide pyrophosphatase/phosphodiesterase 1 (ENPP1), mRNA;

gi|170650668|ref|NM\_014625.2| Homo sapiens nephrosis 2, idiopathic, steroid-resistant (podocin) (NPHS2), mRNA;

gi|170650673|ref|NM\_000440.2| Homo sapiens phosphodiesterase 6A, cGMP-specific, rod, alpha (PDE6A), mRNA;

gi|170650684|ref|NM\_001122770.1| Homo sapiens zinc finger and BTB domain containing 37 (ZBTB37), transcript variant 1, mRNA;

gi|170650686|ref|NM\_006502.2| Homo sapiens polymerase (DNA directed), eta (POLH), mRNA;

gi|170650698|ref|NM\_000358.2| Homo sapiens transforming growth factor, beta-induced, 68kDa (TGFB1), mRNA;

gi|170650706|ref|NR\_016021.1| Homo sapiens transforming growth factor beta regulator 1 (TBRG1), transcript variant 1, mRNA;

gi|170650707|ref|NM\_012434.4| Homo sapiens solute carrier family 17 (anion/sugar transporter), member 1 (SLC17A1), mRNA;

gi|170650722|ref|NM\_014236.3| Homo sapiens glyceronephosphate O-acyltransferase (GNPAT), mRNA;

gi|170650729|ref|NM\_001122757.1| Homo sapiens POU class 1 homeobox 1 (POU1F1), transcript variant 1, mRNA;

gi|170671702|ref|NM\_005149.2| Homo sapiens T-box 19 (TBX19), mRNA;

gi|170671715|ref|NM\_054027.4| Homo sapiens ankylosis, progressive homolog (mouse) (ANKH), mRNA;

gi|170671731|ref|NM\_019888.3| Homo sapiens melanocortin 3 receptor (MC3R), mRNA;

gi|170671735|ref|NM\_006996.2| Homo sapiens solute carrier family 19 (thiamine transporter), member 2 (SLC19A2), mRNA;

gi|170671737|ref|NM\_178829.4| Homo sapiens chromosome 7 open reading frame 34 (C7orf34), mRNA;

gi|170763478|ref|NM\_022362.4| Homo sapiens MMS19 nucleotide excision repair homolog (S. cerevisiae) (MMS19), mRNA;

gi|170763485|ref|NM\_018356.2| Homo sapiens chromosome 5 open reading frame 22 (C5orf22), mRNA;

gi|170763489|ref|NM\_016176.3| Homo sapiens stromal cell derived factor 4 (SDF4), transcript variant 2, mRNA;

gi|170763490|ref|NM\_002172.2| Homo sapiens interferon, alpha 14 (IFNA14), mRNA;

gi|170763507|ref|NM\_001122823.1| Homo sapiens general transcription factor IIIC, polypeptide 5, 63kDa (TBP), mRNA;

gi|170763512|ref|NM\_015239.2| Homo sapiens ATP/GTP binding protein 1 (AGTPBP1), mRNA;

gi|170763514|ref|NM\_022160.2| Homo sapiens DMRT-like family A1 (DMRTA1), mRNA;

gi|170763520|ref|NM\_014867.2| Homo sapiens kelch repeat and BTB (POZ) domain containing 11 (KBTBD11), mRNA;

gi|170763526|ref|NM\_001122825.1| Homo sapiens epithelial splicing regulatory protein 1 (ESRP1), transcript variant 1, mRNA;

gi|170784805|ref|NM\_199344.2| Homo sapiens SFT2 domain containing 2 (SFT2D2), mRNA;

gi|170784806|ref|NM\_020816.2| Homo sapiens kinesin family member 17 (KIF17), transcript variant 1, mRNA;

gi|170784816|ref|NM\_024915.3| Homo sapiens grainyhead-like 2 (Drosophila) (GRHL2), mRNA;

gi|170784819|ref|NM\_053279.2| Homo sapiens family with sequence similarity 167, member A (FAM167A), mRNA;

gi|170784823|ref|NM\_006193.2| Homo sapiens paired box 4 (PAX4), mRNA;

gi|170784830|ref|NM\_016227.2| Homo sapiens chromosome 1 open reading frame 9 (C1orf9), transcript variant 1, mRNA;

gi|170784837|ref|NM\_003014.3| Homo sapiens secreted frizzled-related protein 4 (SFRP4), mRNA;  
 gi|170784849|ref|NM\_181093.2| Homo sapiens SCY1-like 3 (S. cerevisiae) (SCYL3), transcript variant 2, mRNA;  
 gi|170784858|ref|NM\_001122833.1| Homo sapiens serine/threonine kinase 31 (STK31), transcript variant 3, mRNA;  
 gi|170784864|ref|NM\_022900.4| Homo sapiens CAS1 domain containing 1 (CASD1), mRNA;  
 gi|170932463|ref|NM\_020470.2| Homo sapiens Yip1 interacting factor homolog A (S. cerevisiae) (YIF1A), mRNA;  
 gi|170932466|ref|NM\_018367.5| Homo sapiens alkaline ceramidase 3 (ACER3), mRNA;  
 gi|170932468|ref|NM\_018845.3| Homo sapiens solute carrier family 50 (sugar transporter), member 1 (SLC50A1), mRNA;  
 gi|170932470|ref|NM\_024650.3| Homo sapiens chromosome 11 open reading frame 80 (C11orf80), mRNA;  
 gi|170932472|ref|NM\_152411.3| Homo sapiens zinc finger protein 786 (ZNF786), mRNA;  
 gi|170932480|ref|NM\_198990.4| Homo sapiens N-acyl phosphatidylethanolamine phospholipase D (NAPEPLD), mRNA;  
 gi|170932491|ref|NM\_030770.2| Homo sapiens transmembrane protease, serine 5 (TMPRSS5), mRNA;  
 gi|170932493|ref|NM\_003569.2| Homo sapiens syntaxin 7 (STX7), mRNA;  
 gi|170932500|ref|NM\_024807.2| Homo sapiens triggering receptor expressed on myeloid cells-like 2 (TREM2), mRNA;  
 gi|170932504|ref|NM\_020167.4| Homo sapiens neuromedin U receptor 2 (NMUR2), mRNA;  
 gi|170932509|ref|NM\_024919.3| Homo sapiens FERM domain containing 1 (FRMD1), transcript variant 1, mRNA;  
 gi|170932519|ref|NM\_003611.2| Homo sapiens oral-facial-digital syndrome 1 (OFD1), mRNA;  
 gi|170932531|ref|NM\_181644.4| Homo sapiens major facilitator superfamily domain containing 4 (MFSD4), mRNA;  
 gi|170932549|ref|NM\_032836.2| Homo sapiens FLT3-interacting zinc finger 1 (FIZ1), mRNA;  
 gi|170932551|ref|NM\_032790.3| Homo sapiens ORAI calcium release-activated calcium modulator 1 (ORAI1), mRNA;  
 gi|170932552|ref|NM\_013320.2| Homo sapiens host cell factor C2 (HCFC2), mRNA;  
 gi|17105395|ref|NM\_000992.2| Homo sapiens ribosomal protein L29 (RPL29), mRNA;  
 gi|171184399|ref|NM\_012089.2| Homo sapiens ATP-binding cassette, sub-family B (MDR/TAP), member 1C (ABCB11), mRNA;  
 gi|171184419|ref|NM\_003865.2| Homo sapiens HESX homeobox 1 (HESX1), mRNA;  
 gi|171184420|ref|NM\_006472.3| Homo sapiens thioredoxin interacting protein (TXNIP), mRNA;  
 gi|171184432|ref|NM\_153007.4| Homo sapiens outer dense fiber of sperm tails 4 (ODF4), mRNA;  
 gi|171184444|ref|NM\_133371.3| Homo sapiens myozenin 3 (MYOZ3), transcript variant 2, mRNA; gi|171184445|ref|NM\_014810.4| Homo sapiens centrosomal protein 350kDa (CEP350), mRNA;  
 gi|171460911|ref|NM\_016161.2| Homo sapiens alpha-1,4-N-acetylglucosaminyltransferase (A4GNT), mRNA;  
 gi|171460917|ref|NM\_005690.3| Homo sapiens dynamin 1-like (DNM1L), transcript variant 3, mRNA; gi|171460920|ref|NM\_000599.3| Homo sapiens insulin-like growth factor binding protein 5 (IGFBP5), mRNA;  
 gi|171460921|ref|NM\_133448.2| Homo sapiens transmembrane protein 132D (TMEM132D), mRNA;  
 gi|171460935|ref|NM\_145197.2| Homo sapiens lipoyltransferase 1 (LIPT1), nuclear gene encoding mitochondrial protein;  
 gi|171460955|ref|NM\_005800.4| Homo sapiens ubiquitin specific peptidase like 1 (USPL1), mRNA;  
 gi|171460957|ref|NM\_024894.2| Homo sapiens nucleolar protein 10 (NOL10), mRNA;  
 gi|171460991|ref|NR\_015367.2| Homo sapiens uncharacterized LOC550643 (LOC550643), non-coding RNA;  
 gi|171460996|ref|NM\_006566.2| Homo sapiens CD226 molecule (CD226), mRNA;  
 gi|171541813|ref|NM\_001306.3| Homo sapiens claudin 3 (CLDN3), mRNA;  
 gi|171542820|ref|NM\_024544.2| Homo sapiens mitochondrial E3 ubiquitin protein ligase 1 (MUL1), nuclear gene encoding mitochondrial protein;  
 gi|171543824|ref|NM\_001122890.1| Homo sapiens gamma-glutamyltransferase 6 (GGT6), transcript variant 1, mRNA;  
 gi|171543849|ref|NM\_173079.2| Homo sapiens RUN domain containing 1 (RUNDC1), mRNA;  
 gi|171543859|ref|NM\_000111.2| Homo sapiens solute carrier family 26, member 3 (SLC26A3), mRNA;  
 gi|171543867|ref|NM\_000375.2| Homo sapiens uroporphyrinogen III synthase (UROS), mRNA;  
 gi|171543894|ref|NM\_002973.3| Homo sapiens ataxin 2 (ATXN2), mRNA;  
 gi|17158034|ref|NM\_058222.1| Homo sapiens tectorin beta (TECTB), mRNA;  
 gi|17158043|ref|NM\_001010.2| Homo sapiens ribosomal protein S6 (RPS6), mRNA;  
 gi|171846229|ref|NM\_005097.2| Homo sapiens leucine-rich, glioma inactivated 1 (LGI1), mRNA;  
 gi|171846243|ref|NM\_000124.2| Homo sapiens excision repair cross-complementing rodent repair deficiency protein 1 (XPC-HHR23D), mRNA;

gi|171846260|ref|NM\_172250.2| Homo sapiens methylmalonic aciduria (cobalamin deficiency) cblA type (N  
 gi|171846264|ref|NM\_005501.2| Homo sapiens integrin, alpha 3 (antigen CD49C, alpha 3 subunit of VLA-3  
 gi|171846277|ref|NM\_198578.3| Homo sapiens leucine-rich repeat kinase 2 (LRRK2), mRNA;  
 gi|171906558|ref|NM\_004758.2| Homo sapiens benzodiazapine receptor (peripheral) associated protein 1  
 gi|171906561|ref|NM\_000522.4| Homo sapiens homeobox A13 (HOXA13), mRNA;  
 gi|171906573|ref|NM\_001014436.2| Homo sapiens drebrin-like (DBNL), transcript variant 2, mRNA; gi|171  
 gi|171906581|ref|NM\_020198.2| Homo sapiens coiled-coil domain containing 47 (CCDC47), mRNA;  
 gi|171906588|ref|NM\_005881.2| Homo sapiens branched chain ketoacid dehydrogenase kinase (BCKDK), n  
 gi|171906605|ref|NM\_001012981.4| Homo sapiens zinc finger with KRAB and SCAN domains 2 (ZKSCAN2),  
 gi|171906609|ref|NM\_014251.2| Homo sapiens solute carrier family 25 (aspartate/glutamate carrier), men  
 gi|171906613|ref|NM\_000030.2| Homo sapiens alanine-glyoxylate aminotransferase (AGXT), mRNA;  
 gi|171906614|ref|NM\_006891.3| Homo sapiens crystallin, gamma D (CRYGD), mRNA;  
 gi|171906615|ref|NM\_000242.2| Homo sapiens mannose-binding lectin (protein C) 2, soluble (MBL2), mRN  
 gi|171906616|ref|NM\_000148.3| Homo sapiens fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransfer  
 gi|171906617|ref|NM\_000511.5| Homo sapiens fucosyltransferase 2 (secretor status included) (FUT2), tran  
 gi|171916087|ref|NM\_001122961.1| Homo sapiens chromosome 1 open reading frame 194 (C1orf194), m  
 gi|171916093|ref|NM\_004479.3| Homo sapiens fucosyltransferase 7 (alpha (1,3) fucosyltransferase) (FUT7  
 gi|171916094|ref|NM\_001122964.1| Homo sapiens SMEK homolog 2, suppressor of mek1 (Dictyostelium) (  
 gi|171916096|ref|NM\_001122965.1| Homo sapiens repetin (RPTN), mRNA;  
 gi|171919773|ref|NM\_000798.4| Homo sapiens dopamine receptor D5 (DRD5), mRNA;  
 gi|17196625|ref|NM\_025225.2| Homo sapiens patatin-like phospholipase domain containing 3 (PNPLA3), n  
 gi|172072596|ref|NM\_005611.3| Homo sapiens retinoblastoma-like 2 (p130) (RBL2), mRNA;  
 gi|172072603|ref|NM\_172060.2| Homo sapiens eyes absent homolog 1 (Drosophila) (EYA1), transcript vari  
 gi|172072611|ref|NM\_002052.3| Homo sapiens GATA binding protein 4 (GATA4), mRNA;  
 gi|172072619|ref|NM\_014232.2| Homo sapiens vesicle-associated membrane protein 2 (synaptobrevin 2) (  
 gi|172072625|ref|NM\_006206.4| Homo sapiens platelet-derived growth factor receptor, alpha polypeptide  
 gi|172072641|ref|NM\_005373.2| Homo sapiens myeloproliferative leukemia virus oncogene (MPL), mRNA;  
 gi|172072651|ref|NM\_003978.3| Homo sapiens proline-serine-threonine phosphatase interacting protein 1  
 gi|172072669|ref|NM\_000448.2| Homo sapiens recombination activating gene 1 (RAG1), mRNA;  
 gi|172072680|ref|NM\_003924.3| Homo sapiens paired-like homeobox 2b (PHOX2B), mRNA;  
 gi|172072689|ref|NM\_000517.4| Homo sapiens hemoglobin, alpha 2 (HBA2), mRNA;  
 gi|17402880|ref|NM\_021233.2| Homo sapiens deoxyribonuclease II beta (DNASE2B), transcript variant 1, n  
 gi|17402885|ref|NM\_058237.1| Homo sapiens protein phosphatase 4, regulatory subunit 4 (PPP4R4), trans  
 gi|17402895|ref|NM\_058216.1| Homo sapiens RAD51 homolog C (S. cerevisiae) (RAD51C), transcript variar  
 gi|17402911|ref|NM\_057180.1| Homo sapiens vacuolar protein sorting 29 homolog (S. cerevisiae) (VPS29),  
 gi|17402913|ref|NM\_016087.2| Homo sapiens wingless-type MMTV integration site family, member 16 (W  
 gi|17402918|ref|NM\_030775.2| Homo sapiens wingless-type MMTV integration site family, member 5B (W  
 gi|17572819|ref|NM\_020427.2| Homo sapiens secreted LY6/PLAUR domain containing 1 (SLURP1), mRNA;  
 gi|176865712|ref|NM\_003037.2| Homo sapiens signaling lymphocytic activation molecule family member 1  
 gi|176865826|ref|NM\_021105.2| Homo sapiens phospholipid scramblase 1 (PLSCR1), mRNA;  
 gi|176865970|ref|NM\_005014.2| Homo sapiens osteomodulin (OMD), mRNA;  
 gi|176866316|ref|NM\_014601.3| Homo sapiens EH-domain containing 2 (EHD2), mRNA;  
 gi|176866317|ref|NM\_001123040.1| Homo sapiens chromosome 3 open reading frame 71 (C3orf71), mRN  
 gi|176866368|ref|NM\_024089.2| Homo sapiens KDEL (Lys-Asp-Glu-Leu) containing 1 (KDEL1), mRNA;  
 gi|17738309|ref|NM\_032027.2| Homo sapiens TM2 domain containing 1 (TM2D1), mRNA;  
 gi|17738314|ref|NM\_006835.2| Homo sapiens cyclin I (CCNI), mRNA;  
 gi|178056551|ref|NM\_014865.3| Homo sapiens non-SMC condensin I complex, subunit D2 (NCAPD2), mRN

gi|178057319|ref|NR\_021489.1| Homo sapiens uncharacterized LOC338651 (LOC338651), non-coding RNA;

gi|178057326|ref|NM\_001123065.1| Homo sapiens chromosome 7 open reading frame 65 (C7orf65), mRNA;

gi|178057340|ref|NM\_001123068.1| Homo sapiens peptidylprolyl isomerase A (cyclophilin A)-like 4G (PPIA);

gi|178057342|ref|NM\_153612.3| Homo sapiens heparan sulfate (glucosamine) 3-O-sulfotransferase 5 (HS3ST5);

gi|178057344|ref|NM\_001123168.1| Homo sapiens family with sequence similarity 72, member A (FAM72A);

gi|178057348|ref|NM\_030938.3| Homo sapiens vacuole membrane protein 1 (VMP1), mRNA;

gi|178057349|ref|NR\_021491.1| Homo sapiens uncharacterized LOC441094 (FLJ42709), non-coding RNA;

gi|178057352|ref|NR\_021492.1| Homo sapiens uncharacterized transcript (LOC100144603), non-coding RNA;

gi|178557737|ref|NM\_006371.4| Homo sapiens cartilage associated protein (CRTAP), mRNA;

gi|178557812|ref|NM\_001123225.1| Homo sapiens synaptonemal complex central element protein 3 (SYCE3);

gi|17865806|ref|NM\_013245.2| Homo sapiens vacuolar protein sorting 4 homolog A (S. cerevisiae) (VPS4A);

gi|17921988|ref|NM\_006000.1| Homo sapiens tubulin, alpha 4a (TUBA4A), mRNA;

gi|17933771|ref|NM\_080388.1| Homo sapiens S100 calcium binding protein A16 (S100A16), mRNA;

gi|17941284|ref|NM\_052944.2| Homo sapiens solute carrier family 5 (sodium/glucose cotransporter), member 5 (SLC5A5);

gi|17978480|ref|NM\_080413.1| Homo sapiens vacuolar protein sorting 16 homolog (S. cerevisiae) (VPS16), mRNA;

gi|17978492|ref|NM\_004642.2| Homo sapiens cyclin-dependent kinase 2 associated protein 1 (CDK2AP1), mRNA;

gi|17978511|ref|NM\_078480.1| Homo sapiens poly-U binding splicing factor 60KDa (PUF60), transcript variant 1; mRNA;

gi|17986282|ref|NM\_006009.2| Homo sapiens tubulin, alpha 1a (TUBA1A), mRNA;

gi|17998550|ref|NM\_080474.1| Homo sapiens serpin peptidase inhibitor, clade B (ovalbumin), member 12 (SERPINF2);

gi|17999523|ref|NM\_032489.2| Homo sapiens acrosin binding protein (ACRBP), mRNA;

gi|17999525|ref|NM\_032609.2| Homo sapiens cytochrome c oxidase subunit IV isoform 2 (lung) (COX4I2), mRNA;

gi|18087824|ref|NM\_080658.1| Homo sapiens aspartoacylase (aminocyclase) 3 (ACY3), mRNA;

gi|18104951|ref|NM\_080647.1| Homo sapiens T-box 1 (TBX1), transcript variant C, mRNA; gi|5174710|ref|NM\_001123065.1| Homo sapiens chromosome 7 open reading frame 65 (C7orf65), mRNA;

gi|18104961|ref|NM\_006380.2| Homo sapiens amyloid beta precursor protein (cytoplasmic tail) binding protein 1 (ABPP1);

gi|18104968|ref|NM\_080591.1| Homo sapiens prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase) (PTGS1);

gi|18104977|ref|NM\_002827.2| Homo sapiens protein tyrosine phosphatase, non-receptor type 1 (PTPN1), mRNA;

gi|18104987|ref|NM\_002830.2| Homo sapiens protein tyrosine phosphatase, non-receptor type 4 (megakaryocyte membrane-associated tyrosine kinase) (PTN4);

gi|18104994|ref|NM\_003917.2| Homo sapiens adaptor-related protein complex 1, gamma 2 subunit (AP1G2);

gi|18105034|ref|NM\_001864.2| Homo sapiens cytochrome c oxidase subunit VIIa polypeptide 1 (muscle) (COX7A1);

gi|18105036|ref|NM\_004718.2| Homo sapiens cytochrome c oxidase subunit VIIa polypeptide 2 like (COX7A2L);

gi|18105038|ref|NM\_001866.2| Homo sapiens cytochrome c oxidase subunit VIIb (COX7B), nuclear gene; mRNA;

gi|18105039|ref|NM\_001867.2| Homo sapiens cytochrome c oxidase subunit VIIc (COX7C), nuclear gene; mRNA;

gi|18105044|ref|NM\_080596.1| Homo sapiens histone cluster 1, H2ah (HIST1H2AH), mRNA;

gi|18105051|ref|NM\_014061.3| Homo sapiens melanoma antigen family H, 1 (MAGEH1), mRNA;

gi|18105065|ref|NM\_003495.2| Homo sapiens histone cluster 1, H4i (HIST1H4I), mRNA;

gi|18129689|ref|NM\_018488.2| Homo sapiens T-box 4 (TBX4), mRNA;

gi|181336325|ref|NM\_022132.4| Homo sapiens methylcrotonoyl-CoA carboxylase 2 (beta) (MCCC2), nuclear gene; mRNA;

gi|181336426|ref|NM\_000444.4| Homo sapiens phosphate regulating endopeptidase homolog, X-linked (PRL-3);

gi|181336469|ref|NR\_021493.1| Homo sapiens uncharacterized LOC100144604 (LOC100144604), non-coding RNA;

gi|181336600|ref|NM\_001303.3| Homo sapiens COX10 homolog, cytochrome c oxidase assembly protein, mitochondrial (COX10);

gi|181336652|ref|NM\_032446.2| Homo sapiens multiple EGF-like-domains 10 (MEGF10), transcript variant 1; mRNA;

gi|181336664|ref|NM\_004752.3| Homo sapiens glial cells missing homolog 2 (Drosophila) (GCM2), mRNA;

gi|181336738|ref|NM\_032445.2| Homo sapiens multiple EGF-like-domains 11 (MEGF11), mRNA;

gi|181336848|ref|NM\_015714.3| Homo sapiens G0/G1switch 2 (G0S2), mRNA;

gi|181337009|ref|NM\_016574.3| Homo sapiens dopamine receptor D2 (DRD2), transcript variant 2, mRNA;

gi|181337166|ref|NM\_020949.2| Homo sapiens solute carrier family 7 (orphan transporter), member 14 (SLC7A14);

gi|181337199|ref|NM\_004589.2| Homo sapiens SCO cytochrome oxidase deficient homolog 1 (yeast) (SCO1);

gi|181338275|ref|NM\_001123228.1| Homo sapiens transmembrane protein 14E (TMEM14E), mRNA;

gi|18152778|ref|NM\_080744.1| Homo sapiens scavenger receptor cysteine rich domain containing, group I

gi|18201901|ref|NM\_012208.2| Homo sapiens histidyl-tRNA synthetase 2, mitochondrial (putative) (HARS2

gi|18201902|ref|NM\_002109.3| Homo sapiens histidyl-tRNA synthetase (HARS), mRNA;

gi|18201912|ref|NM\_003593.2| Homo sapiens forkhead box N1 (FOXN1), mRNA;

gi|182507162|ref|NM\_133376.2| Homo sapiens integrin, beta 1 (fibronectin receptor, beta polypeptide, an

gi|182507163|ref|NM\_000553.4| Homo sapiens Werner syndrome, RecQ helicase-like (WRN), mRNA;

gi|182507164|ref|NM\_145056.2| Homo sapiens dapper, antagonist of beta-catenin, homolog 3 (Xenopus la

gi|182507167|ref|NM\_172349.2| Homo sapiens nuclear receptor binding SET domain protein 1 (NSD1), tra

gi|182508168|ref|NM\_003873.5| Homo sapiens neuropilin 1 (NRP1), transcript variant 1, mRNA; gi|182509

gi|182509177|ref|NM\_014950.2| Homo sapiens zinc finger and BTB domain containing 1 (ZBTB1), transcrip

gi|182515227|ref|NM\_017440.4| Homo sapiens Mdm1 nuclear protein homolog (mouse) (MDM1), transcri

gi|18254459|ref|NM\_080862.1| Homo sapiens splA/ryanodine receptor domain and SOCS box containing 4

gi|182636719|ref|NM\_032839.2| Homo sapiens disrupted in renal carcinoma 2 (DIRC2), mRNA;

gi|182765446|ref|NM\_001031711.2| Homo sapiens endoplasmic reticulum-golgi intermediate compartmer

gi|182765449|ref|NM\_002945.3| Homo sapiens replication protein A1, 70kDa (RPA1), mRNA;

gi|182765452|ref|NM\_000199.3| Homo sapiens N-sulfoglucosamine sulfohydrolase (SGSH), mRNA;

gi|182765453|ref|NM\_000346.3| Homo sapiens SRY (sex determining region Y)-box 9 (SOX9), mRNA;

gi|182765458|ref|NR\_022006.1| Homo sapiens KIAA0087 (KIAA0087), non-coding RNA;

gi|182765463|ref|NM\_021628.2| Homo sapiens arachidonate lipoxygenase 3 (ALOXE3), transcript variant 2

gi|182765465|ref|NM\_014824.2| Homo sapiens FCH and double SH3 domains 2 (FCHSD2), mRNA;

gi|182765479|ref|NM\_001123364.1| Homo sapiens methyltransferase like 24 (METTL24), mRNA;

gi|183074520|ref|NM\_001123366.1| Homo sapiens histocompatibility (minor) serpin domain containing (H

gi|183074527|ref|NR\_002188.2| Homo sapiens glucosidase, beta, acid pseudogene 1 (GBAP1), non-coding l

gi|183227673|ref|NM\_012123.3| Homo sapiens mitochondrial translation optimization 1 homolog (S. cerev

gi|183227674|ref|NM\_001123376.1| Homo sapiens transmembrane protein 72 (TMEM72), mRNA;

gi|183227677|ref|NM\_001123377.1| Homo sapiens parkinson protein 7 (PARK7), transcript variant 2, mRN

gi|183227683|ref|NM\_000395.2| Homo sapiens colony stimulating factor 2 receptor, beta, low-affinity (gra

gi|183227686|ref|NM\_000026.2| Homo sapiens adenylosuccinate lyase (ADSL), transcript variant 1, mRNA;

gi|183227689|ref|NM\_002049.3| Homo sapiens GATA binding protein 1 (globin transcription factor 1) (GAT

gi|183227692|ref|NM\_003274.4| Homo sapiens trafficking protein particle complex 10 (TRAPPC10), mRNA;

gi|183238674|ref|NR\_022008.1| Homo sapiens Prader-Willi/Angelman syndrome-5 (PAR5), non-coding RN

gi|183238675|ref|NR\_022009.1| Homo sapiens Prader-Willi/Angelman region-1 (PAR1), non-coding RNA;

gi|183238676|ref|NR\_022010.1| Homo sapiens Prader-Willi/Angelman region gene 4 (PAR4), non-coding R

gi|183238677|ref|NR\_022011.1| Homo sapiens paternally expressed transcript PAR-SN (PAR-SN), non-codir

gi|183396765|ref|NM\_153380.2| Homo sapiens zinc finger protein 41 (ZNF41), transcript variant 2, mRNA;

gi|183396766|ref|NM\_004615.3| Homo sapiens tetraspanin 7 (TSPAN7), mRNA;

gi|183396768|ref|NM\_004720.5| Homo sapiens lysophosphatidic acid receptor 2 (LPAR2), mRNA;

gi|183396778|ref|NM\_012152.2| Homo sapiens lysophosphatidic acid receptor 3 (LPAR3), mRNA;

gi|183396782|ref|NM\_001123383.1| Homo sapiens BCL6 corepressor (BCOR), transcript variant 3, mRNA; g

gi|183396789|ref|NM\_001009612.2| Homo sapiens chromosome 20 open reading frame 202 (C20orf202),

gi|183396796|ref|NM\_001123387.1| Homo sapiens keratin associated protein 2-1 (KRTAP2-1), mRNA;

gi|183396798|ref|NM\_000459.3| Homo sapiens TEK tyrosine kinase, endothelial (TEK), mRNA;

gi|183396800|ref|NM\_014271.3| Homo sapiens interleukin 1 receptor accessory protein-like 1 (IL1RAPL1),

gi|183396801|ref|NM\_017662.4| Homo sapiens transient receptor potential cation channel, subfamily M, r

gi|183396803|ref|NM\_015203.3| Homo sapiens regulation of nuclear pre-mRNA domain containing 2 (RPRI

gi|183397135|ref|NM\_001008563.3| Homo sapiens ubiquitin specific peptidase 20 (USP20), transcript varia

gi|183583548|ref|NM\_138794.3| Homo sapiens lysophospholipase-like 1 (LYPLAL1), mRNA;

gi|183583552|ref|NM\_153264.5| Homo sapiens collagen, type VI, alpha 5 (COL6A5), mRNA; gi|183583556|

gi|183603926|ref|NM\_032335.3| Homo sapiens PHD finger protein 6 (PHF6), transcript variant 3, mRNA; gi

gi|183603927|ref|NM\_002721.4| Homo sapiens protein phosphatase 6, catalytic subunit (PPP6C), transcrip

gi|183603932|ref|NM\_004429.4| Homo sapiens ephrin-B1 (EFNB1), mRNA;

gi|183603935|ref|NM\_145277.4| Homo sapiens hemochromatosis type 2 (juvenile) (HFE2), transcript varia

gi|183603937|ref|NM\_000291.3| Homo sapiens phosphoglycerate kinase 1 (PGK1), mRNA;

gi|183603939|ref|NM\_000612.4| Homo sapiens insulin-like growth factor 2 (somatomedin A) (IGF2), transcr

gi|18375506|ref|NM\_014481.2| Homo sapiens APEX nuclease (apurinic/aprimidinic endonuclease) 2 (APE)

gi|18375508|ref|NM\_001649.2| Homo sapiens shroom family member 2 (SHROOM2), mRNA;

gi|18375509|ref|NM\_033068.2| Homo sapiens acid phosphatase, testicular (ACPT), mRNA;

gi|18375663|ref|NM\_002833.2| Homo sapiens protein tyrosine phosphatase, non-receptor type 9 (PTPN9),

gi|18375679|ref|NM\_016312.2| Homo sapiens WW domain binding protein 11 (WBP11), mRNA;

gi|18379338|ref|NM\_004843.2| Homo sapiens interleukin 27 receptor, alpha (IL27RA), mRNA;

gi|18379345|ref|NM\_014978.1| Homo sapiens sortilin-related VPS10 domain containing receptor 3 (SORCS

gi|18379350|ref|NM\_007128.2| Homo sapiens pre-B lymphocyte 1 (VPREB1), mRNA;

gi|18379352|ref|NM\_021197.2| Homo sapiens WAP four-disulfide core domain 1 (WFDC1), mRNA;

gi|18390343|ref|NM\_032166.2| Homo sapiens ATR interacting protein (ATRIP), transcript variant 2, mRNA;

gi|18390348|ref|NM\_000972.2| Homo sapiens ribosomal protein L7a (RPL7A), mRNA;

gi|183979967|ref|NM\_001708.2| Homo sapiens opsin 1 (cone pigments), short-wave-sensitive (OPN1SW),

gi|183979970|ref|NM\_000133.3| Homo sapiens coagulation factor IX (F9), mRNA;

gi|183979971|ref|NR\_022014.1| Homo sapiens high mobility group nucleosomal binding domain 2 pseudog

gi|183979972|ref|NM\_148960.2| Homo sapiens claudin 19 (CLDN19), transcript variant 1, mRNA; gi|29751

gi|183979979|ref|NM\_001123041.2| Homo sapiens chemokine (C-C motif) receptor 2 (CCR2), transcript vai

gi|183979983|ref|NM\_004558.3| Homo sapiens neurturin (NRTN), mRNA;

gi|184172387|ref|NM\_006757.3| Homo sapiens troponin T type 3 (skeletal, fast) (TNNT3), transcript varian

gi|184172390|ref|NM\_000186.3| Homo sapiens complement factor H (CFH), nuclear gene encoding mitoch

gi|18426903|ref|NM\_130395.1| Homo sapiens Werner helicase interacting protein 1 (WRNIP1), transcript v

gi|18490985|ref|NM\_080746.2| Homo sapiens ribosomal protein L10-like (RPL10L), mRNA;

gi|18490990|ref|NM\_018492.2| Homo sapiens PDZ binding kinase (PBK), mRNA;

gi|18491001|ref|NM\_003881.2| Homo sapiens WNT1 inducible signaling pathway protein 2 (WISP2), mRNA

gi|18491007|ref|NM\_000775.2| Homo sapiens cytochrome P450, family 2, subfamily J, polypeptide 2 (CYP2

gi|18491027|ref|NM\_016304.2| Homo sapiens ribosomal L24 domain containing 1 (RSL24D1), mRNA;

gi|185134901|ref|NM\_001005216.2| Homo sapiens olfactory receptor, family 2, subfamily J, member 3 (OF

gi|185135970|ref|NM\_001124756.1| Homo sapiens poly(A) binding protein, cytoplasmic 1-like (PABPC1L),

gi|185136020|ref|NM\_001124758.1| Homo sapiens spinster homolog 2 (Drosophila) (SPNS2), mRNA;

gi|185136048|ref|NM\_001124759.1| Homo sapiens FSHD region gene 2 family, member C (FRG2C), mRNA;

gi|186287197|ref|NM\_018313.4| Homo sapiens polybromo 1 (PBRM1), mRNA;

gi|186287217|ref|NM\_024725.3| Homo sapiens coiled-coil domain containing 82 (CCDC82), mRNA;

gi|186287258|ref|NM\_005520.2| Homo sapiens heterogeneous nuclear ribonucleoprotein H1 (H) (HNRNPH

gi|186287285|ref|NM\_021644.3| Homo sapiens heterogeneous nuclear ribonucleoprotein H3 (2H9) (HNRN

gi|186287309|ref|NR\_023311.1| Homo sapiens zinc finger protein 137, pseudogene (ZNF137P), non-coding

gi|186288303|ref|NM\_001124767.1| Homo sapiens chromosome 3 open reading frame 78 (C3orf78), mRN

gi|186288337|ref|NM\_152601.3| Homo sapiens zinc finger protein 709 (ZNF709), mRNA;

gi|18641371|ref|NM\_022555.3| Homo sapiens major histocompatibility complex, class II, DR beta 3 (HLA-D

gi|18644731|ref|NM\_080830.2| Homo sapiens cystatin 11 (CST11), transcript variant 2, mRNA; gi|1988224

gi|186659502|ref|NM\_031263.2| Homo sapiens heterogeneous nuclear ribonucleoprotein K (HNRNPK), tra

gi|186659508|ref|NM\_144732.2| Homo sapiens heterogeneous nuclear ribonucleoprotein U-like 1 (HNRNP  
gi|186659511|ref|NM\_015447.3| Homo sapiens calmodulin regulated spectrin-associated protein 1 (CAMS  
gi|186659524|ref|NM\_018208.2| Homo sapiens ethanolamine kinase 2 (ETNK2), mRNA;  
gi|186680508|ref|NM\_001154.3| Homo sapiens annexin A5 (ANXA5), mRNA;  
gi|186700618|ref|NM\_004034.2| Homo sapiens annexin A7 (ANXA7), transcript variant 2, mRNA; gi|18670  
gi|186700630|ref|NM\_001126049.1| Homo sapiens killin, p53-regulated DNA replication inhibitor (KLLN), n  
gi|18677732|ref|NM\_130808.1| Homo sapiens copine IV (CPNE4), mRNA;  
gi|186910184|ref|NM\_018141.3| Homo sapiens mitochondrial ribosomal protein S10 (MRPS10), nuclear ge  
gi|186910280|ref|NM\_003850.2| Homo sapiens succinate-CoA ligase, ADP-forming, beta subunit (SUCLA2),  
gi|186910281|ref|NM\_007082.3| Homo sapiens RAB, member of RAS oncogene family-like 2A (RABL2A), tr  
gi|186910283|ref|NM\_031280.3| Homo sapiens mitochondrial ribosomal protein S15 (MRPS15), nuclear ge  
gi|186910284|ref|NM\_001659.2| Homo sapiens ADP-ribosylation factor 3 (ARF3), mRNA;  
gi|186910288|ref|NM\_018997.2| Homo sapiens mitochondrial ribosomal protein S21 (MRPS21), nuclear ge  
gi|186910292|ref|NM\_004115.3| Homo sapiens fibroblast growth factor 14 (FGF14), transcript variant 1, m  
gi|186910293|ref|NM\_001651.2| Homo sapiens aquaporin 5 (AQP5), mRNA;  
gi|186910295|ref|NM\_001126102.1| Homo sapiens haptoglobin (HP), transcript variant 2, mRNA; gi|18691  
gi|186910299|ref|NM\_001126103.1| Homo sapiens Rac GTPase activating protein 1 (RACGAP1), transcript  
gi|186910309|ref|NM\_182640.2| Homo sapiens mitochondrial ribosomal protein S9 (MRPS9), nuclear gene  
gi|186910310|ref|NM\_007374.2| Homo sapiens SIX homeobox 6 (SIX6), mRNA;  
gi|186910318|ref|NM\_001126108.1| Homo sapiens solute carrier family 12 (sodium/chloride transporters),  
gi|186910320|ref|NM\_016067.2| Homo sapiens mitochondrial ribosomal protein S18C (MRPS18C), nuclear  
gi|186928818|ref|NM\_001126050.1| Homo sapiens hepatoma-derived growth factor (HDGF), transcript vai  
gi|186928836|ref|NM\_014046.3| Homo sapiens mitochondrial ribosomal protein S18B (MRPS18B), nuclear  
gi|186928837|ref|NM\_005982.3| Homo sapiens SIX homeobox 1 (SIX1), mRNA;  
gi|186928838|ref|NM\_152443.2| Homo sapiens retinol dehydrogenase 12 (all-trans/9-cis/11-cis) (RDH12),  
gi|186928840|ref|NM\_032382.4| Homo sapiens component of oligomeric golgi complex 8 (COG8), mRNA;  
gi|186928842|ref|NM\_006329.3| Homo sapiens fibulin 5 (FBLN5), mRNA;  
gi|186928843|ref|NM\_020754.2| Homo sapiens Rho GTPase activating protein 31 (ARHGAP31), mRNA;  
gi|186928845|ref|NM\_032476.3| Homo sapiens mitochondrial ribosomal protein S6 (MRPS6), nuclear gene  
gi|186928846|ref|NM\_032830.2| Homo sapiens cirrhosis, autosomal recessive 1A (cirhin) (CIRH1A), mRNA;  
gi|186928848|ref|NM\_144599.4| Homo sapiens non imprinted in Prader-Willi/Angelman syndrome 1 (NIPA  
gi|186928849|ref|NM\_015084.2| Homo sapiens mitochondrial ribosomal protein S27 (MRPS27), nuclear ge  
gi|186928851|ref|NM\_015971.3| Homo sapiens mitochondrial ribosomal protein S7 (MRPS7), nuclear gene  
gi|186928853|ref|NM\_005830.3| Homo sapiens mitochondrial ribosomal protein S31 (MRPS31), nuclear ge  
gi|186928855|ref|NM\_021734.4| Homo sapiens solute carrier family 25 (mitochondrial thiamine pyrophosph  
gi|186928861|ref|NM\_144997.5| Homo sapiens folliculin (FLCN), transcript variant 1, mRNA; gi|186928862  
gi|186972125|ref|NM\_001008271.1| Homo sapiens scleraxis homolog A (mouse) (SCXA), mRNA;  
gi|186972131|ref|NM\_001126111.1| Homo sapiens oxidative stress induced growth inhibitor family memb  
gi|186972140|ref|NR\_023312.1| Homo sapiens cold inducible RNA binding protein (CIRBP), transcript varia  
gi|186972142|ref|NM\_003291.2| Homo sapiens tripeptidyl peptidase II (TPP2), mRNA;  
gi|186972144|ref|NM\_001071.2| Homo sapiens thymidylate synthetase (TYMS), mRNA;  
gi|18702322|ref|NM\_130897.1| Homo sapiens dynein, light chain, roadblock-type 2 (DYNLRB2), mRNA;  
gi|18702330|ref|NM\_130901.1| Homo sapiens OTU domain containing 7A (OTUD7A), mRNA;  
gi|187131238|ref|NM\_001126181.1| Homo sapiens neurogranin (protein kinase C substrate, RC3) (NRGN),  
gi|187165253|ref|NM\_199353.2| Homo sapiens proline-rich protein BstNI subfamily 1 (PRB1), transcript va  
gi|187167256|ref|NM\_016034.3| Homo sapiens mitochondrial ribosomal protein S2 (MRPS2), nuclear gene  
gi|187167259|ref|NM\_053035.2| Homo sapiens mitochondrial ribosomal protein S33 (MRPS33), nuclear ge

gi|187167260|ref|NM\_001126128.1| Homo sapiens prokineticin 2 (PROK2), transcript variant 1, mRNA; gi|187169265|ref|NM\_001126130.1| Homo sapiens GINS complex subunit 3 (Psf3 homolog) (GINS3), transcript variant 1, mRNA; gi|187169267|ref|NM\_152594.2| Homo sapiens sprouty-related, EVH1 domain containing 1 (SPRED1), mRNA; gi|187169269|ref|NM\_001111067.2| Homo sapiens activin A receptor, type I (ACVR1), transcript variant 2, mRNA; gi|187171274|ref|NM\_030662.3| Homo sapiens mitogen-activated protein kinase kinase 2 (MAP2K2), mRNA; gi|187171275|ref|NM\_002693.2| Homo sapiens polymerase (DNA directed), gamma (POLG), transcript variant 1, mRNA; gi|187173289|ref|NM\_001126132.1| Homo sapiens troponin T type 1 (skeletal, slow) (TNNT1), transcript variant 1, mRNA; gi|187173293|ref|NM\_020436.3| Homo sapiens sal-like 4 (Drosophila) (SALL4), mRNA; gi|187281446|ref|NM\_000784.3| Homo sapiens cytochrome P450, family 27, subfamily A, polypeptide 1 (CYP27A1), mRNA; gi|187281516|ref|NM\_002591.3| Homo sapiens phosphoenolpyruvate carboxykinase 1 (soluble) (PCK1), mRNA; gi|187281557|ref|NM\_014697.2| Homo sapiens nitric oxide synthase 1 (neuronal) adaptor protein (NOS1AP), mRNA; gi|187281589|ref|NM\_001400.4| Homo sapiens sphingosine-1-phosphate receptor 1 (S1PR1), mRNA; gi|187281615|ref|NM\_024407.4| Homo sapiens NADH dehydrogenase (ubiquinone) Fe-S protein 7, 20kDa (ND7), mRNA; gi|187423888|ref|NM\_006186.3| Homo sapiens nuclear receptor subfamily 4, group A, member 2 (NR4A2), mRNA; gi|187423892|ref|NM\_212550.3| Homo sapiens biogenesis of lysosomal organelles complex-1, subunit 3 (BLOC1S3), mRNA; gi|187423901|ref|NM\_001126334.1| Homo sapiens forkhead box D4-like 5 (FOXD4L5), mRNA; gi|187423903|ref|NM\_000341.3| Homo sapiens solute carrier family 3 (cystine, dibasic and neutral amino acid transporters) member 1 (SLC3A1), mRNA; gi|187423908|ref|NM\_014270.4| Homo sapiens solute carrier family 7 (glycoprotein-associated amino acid transporters) member 1 (SLC7A1), mRNA; gi|187423911|ref|NM\_003764.3| Homo sapiens syntaxin 11 (STX11), mRNA; gi|187475371|ref|NM\_004383.2| Homo sapiens c-src tyrosine kinase (CSK), transcript variant 1, mRNA; gi|187607258|ref|NM\_018238.3| Homo sapiens acylglycerol kinase (AGK), nuclear gene encoding mitochondrial isoform, mRNA; gi|187607271|ref|NM\_001012301.2| Homo sapiens arylsulfatase family, member I (ARSI), mRNA; gi|187607278|ref|NM\_133259.3| Homo sapiens leucine-rich pentatricopeptide repeat containing (LRPPRC), mRNA; gi|187607285|ref|NM\_198584.2| Homo sapiens carbonic anhydrase XIII (CA13), mRNA; gi|187607315|ref|NM\_014909.4| Homo sapiens vasohibin 1 (VASH1), mRNA; gi|187607349|ref|NM\_021643.3| Homo sapiens tribbles homolog 2 (Drosophila) (TRIB2), transcript variant 1, mRNA; gi|187607356|ref|NM\_020127.2| Homo sapiens tuftelin 1 (TUFT1), transcript variant 1, mRNA; gi|187607385|ref|NM\_014585.5| Homo sapiens solute carrier family 40 (iron-regulated transporter), member 1 (SLC40A1), mRNA; gi|187607392|ref|NM\_032831.2| Homo sapiens ORAI calcium release-activated calcium modulator 2 (ORAI2), mRNA; gi|187607429|ref|NM\_024782.2| Homo sapiens nonhomologous end-joining factor 1 (NHEJ1), mRNA; gi|187607436|ref|NM\_015680.4| Homo sapiens cyclin Pas1/PHO80 domain containing 1 (CNPPD1), mRNA; gi|187607444|ref|NM\_024293.4| Homo sapiens family with sequence similarity 134, member A (FAM134A), mRNA; gi|187608269|ref|NM\_130768.2| Homo sapiens ankyrin repeat, SAM and basic leucine zipper domain containing 1 (ANKRD1), mRNA; gi|187608297|ref|NM\_001660.3| Homo sapiens ADP-ribosylation factor 4 (ARF4), mRNA; gi|187608304|ref|NM\_003766.3| Homo sapiens beclin 1, autophagy related (BECN1), mRNA; gi|187608311|ref|NM\_173478.2| Homo sapiens cyclin N-terminal domain containing 1 (CNTD1), mRNA; gi|187608319|ref|NM\_001719.2| Homo sapiens bone morphogenetic protein 7 (BMP7), mRNA; gi|187608333|ref|NR\_002451.2| Homo sapiens ATP-binding cassette, sub-family A (ABC1), member 11, pseudogene, mRNA; gi|187608340|ref|NM\_001737.3| Homo sapiens complement component 9 (C9), mRNA; gi|187608362|ref|NM\_001127173.1| Homo sapiens cell adhesion molecule 3 (CADM3), transcript variant 2, mRNA; gi|187608376|ref|NM\_182511.3| Homo sapiens cerebellin 2 precursor (CBLN2), mRNA; gi|187608404|ref|NM\_004928.2| Homo sapiens chromosome 21 open reading frame 2 (C21orf2), mRNA; gi|187608430|ref|NM\_003441.2| Homo sapiens zinc finger protein 141 (ZNF141), mRNA; gi|187608445|ref|NM\_001127178.1| Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class C (PIGA), mRNA; gi|187608471|ref|NM\_000377.2| Homo sapiens Wiskott-Aldrich syndrome (eczema-thrombocytopenia) (WAS), mRNA; gi|187608493|ref|NM\_000717.3| Homo sapiens carbonic anhydrase IV (CA4), mRNA; gi|187608523|ref|NM\_152531.4| Homo sapiens xyloside xylosyltransferase 1 (XXYL1), mRNA;



gi|187608536|ref|NM\_018131.4| Homo sapiens centrosomal protein 55kDa (CEP55), transcript variant 1, mRNA;

gi|187608552|ref|NM\_004354.2| Homo sapiens cyclin G2 (CCNG2), mRNA;

gi|187608565|ref|NM\_005274.2| Homo sapiens guanine nucleotide binding protein (G protein), gamma 5 (GNG5), mRNA;

gi|187608600|ref|NM\_020770.2| Homo sapiens cingulin (CGN), mRNA;

gi|187608614|ref|NM\_003331.4| Homo sapiens tyrosine kinase 2 (TYK2), mRNA;

gi|187608625|ref|NM\_203298.2| Homo sapiens coiled-coil-helix-coiled-coil-helix domain containing 1 (CHC1), mRNA;

gi|187608632|ref|NM\_004333.4| Homo sapiens v-raf murine sarcoma viral oncogene homolog B1 (BRAF), mRNA;

gi|187608675|ref|NM\_005894.2| Homo sapiens CD5 molecule-like (CD5L), mRNA;

gi|187608686|ref|NM\_003465.2| Homo sapiens chitinase 1 (chitotriosidase) (CHIT1), transcript variant 1, mRNA;

gi|187608704|ref|NM\_004418.3| Homo sapiens dual specificity phosphatase 2 (DUSP2), mRNA;

gi|187608731|ref|NM\_001127193.1| Homo sapiens CCHC-type zinc finger, nucleic acid binding protein (CNC1), mRNA;

gi|187608755|ref|NM\_152468.4| Homo sapiens transmembrane channel-like 8 (TMC8), mRNA;

gi|187608766|ref|NM\_001127197.1| Homo sapiens E74-like factor 4 (ets domain transcription factor) (ELF4), mRNA;

gi|187608776|ref|NM\_013432.4| Homo sapiens tonsoku-like, DNA repair protein (TONSL), mRNA;

gi|187608783|ref|NM\_007267.6| Homo sapiens transmembrane channel-like 6 (TMC6), transcript variant 2, mRNA;

gi|187608815|ref|NM\_152426.3| Homo sapiens apolipoprotein B mRNA editing enzyme, catalytic polypeptide 1 (APOBAP1), mRNA;

gi|187608822|ref|NM\_001127199.1| Homo sapiens G antigen 12D (GAGE12D), mRNA;

gi|187608829|ref|NM\_001127200.1| Homo sapiens G antigen 2E (GAGE2E), mRNA;

gi|18765742|ref|NM\_003098.2| Homo sapiens syntrophin, alpha 1 (dystrophin-associated protein A1, 59kDa) (SYNT1), mRNA;

gi|187761296|ref|NM\_001493.2| Homo sapiens GDP dissociation inhibitor 1 (GDI1), mRNA;

gi|187761302|ref|NM\_001025089.1| Homo sapiens CUGBP, Elav-like family member 4 (CELF4), transcript variant 1, mRNA;

gi|187761304|ref|NM\_005309.2| Homo sapiens glutamic-pyruvate transaminase (alanine aminotransferase) (GPT), mRNA;

gi|187761308|ref|NM\_001127205.1| Homo sapiens heme oxygenase (decycling) 2 (HMOX2), transcript variant 1, mRNA;

gi|187761312|ref|NM\_014140.3| Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of transcription 1 (SMARCA1), mRNA;

gi|187761315|ref|NM\_001352.3| Homo sapiens D site of albumin promoter (albumin D-box) binding protein 1 (ALBP1), mRNA;

gi|187761321|ref|NM\_000864.4| Homo sapiens 5-hydroxytryptamine (serotonin) receptor 1D, G protein-coupled (5-HT1D), mRNA;

gi|187761322|ref|NM\_005544.2| Homo sapiens insulin receptor substrate 1 (IRS1), mRNA;

gi|187761323|ref|NM\_001127211.1| Homo sapiens KIAA1598 (KIAA1598), transcript variant 1, mRNA; gi|187761325|ref|NM\_001127212.1| Homo sapiens G antigen 2A (GAGE2A), mRNA;

gi|187761328|ref|NM\_138923.2| Homo sapiens TAF1 RNA polymerase II, TATA box binding protein (TBP)-associated factor 1 (TAF1), mRNA;

gi|187761329|ref|NM\_004521.2| Homo sapiens kinesin family member 5B (KIF5B), mRNA;

gi|187761332|ref|NM\_000538.3| Homo sapiens regulatory factor X-associated protein (RFXAP), mRNA;

gi|187761333|ref|NM\_021185.4| Homo sapiens catper channel auxiliary subunit gamma (CATSPERG), mRNA;

gi|187761335|ref|NM\_006536.5| Homo sapiens chloride channel accessory 2 (CLCA2), mRNA;

gi|187761336|ref|NM\_182502.3| Homo sapiens transmembrane protease, serine 11B (TMPRSS11B), mRNA;

gi|187761338|ref|NM\_020186.2| Homo sapiens ACN9 homolog (S. cerevisiae) (ACN9), mRNA;

gi|187761339|ref|NM\_130767.2| Homo sapiens acyl-CoA thioesterase 12 (ACOT12), mRNA;

gi|187761340|ref|NM\_152331.3| Homo sapiens acyl-CoA thioesterase 4 (ACOT4), mRNA;

gi|187761350|ref|NM\_001127216.1| Homo sapiens growth factor independent 1 transcription repressor (GFI1), mRNA;

gi|187761352|ref|NR\_023317.1| Homo sapiens RNA, U7 small nuclear 1 (RNU7-1), small nuclear RNA;

gi|187761372|ref|NM\_005744.3| Homo sapiens ariadne homolog, ubiquitin-conjugating enzyme E2 binding protein 1 (UBCH1), mRNA;

gi|187761376|ref|NM\_001127174.1| Homo sapiens maestro (MRO), transcript variant 2, mRNA; gi|187761377|ref|NM\_001127174.1| Homo sapiens maestro (MRO), transcript variant 1, mRNA;

gi|187826632|ref|NM\_021958.3| Homo sapiens H2.0-like homeobox (HLX), mRNA;

gi|187827163|ref|NM\_002346.2| Homo sapiens lymphocyte antigen 6 complex, locus E (LY6E), transcript variant 1, mRNA;

gi|187828416|ref|NM\_005586.3| Homo sapiens MyoD family inhibitor (MDFI), mRNA;

gi|187828433|ref|NM\_006224.3| Homo sapiens phosphatidylinositol transfer protein, alpha (PITPNA), mRNA;

gi|187828563|ref|NM\_024603.2| Homo sapiens BEN domain containing 5 (BEND5), mRNA;

gi|187828634|ref|NM\_024677.4| Homo sapiens NOP2/Sun domain family, member 7 (NSUN7), mRNA;

gi|187828659|ref|NM\_000528.3| Homo sapiens mannosidase, alpha, class 2B, member 1 (MAN2B1), transcript variant 1, mRNA;

gi|187828666|ref|NM\_016639.2| Homo sapiens tumor necrosis factor receptor superfamily, member 12A (TNFRSF12A), mRNA;

gi|187829071|ref|NM\_203331.2| Homo sapiens CD59 molecule, complement regulatory protein (CD59), transcript variant 1, mRNA;

gi|187829199|ref|NM\_031284.4| Homo sapiens ADP-dependent glucokinase (ADPGK), transcript variant 1, mRNA;

gi|187829339|ref|NM\_001127229.1| Homo sapiens aurora kinase A interacting protein 1 (AURKAIP1), transcript variant 1, mRNA;

gi|187829417|ref|NM\_025092.4| Homo sapiens ATH1, acid trehalase-like 1 (yeast) (ATHL1), mRNA;

gi|187829484|ref|NM\_001127232.1| Homo sapiens autism susceptibility candidate 2 (AUTS2), transcript variant 1, mRNA;

gi|187829503|ref|NM\_020064.3| Homo sapiens BarH-like homeobox 1 (BARHL1), mRNA;

gi|187829519|ref|NM\_016039.2| Homo sapiens chromosome 14 open reading frame 166 (C14orf166), mRNA;

gi|187829863|ref|NM\_018448.3| Homo sapiens cullin-associated and neddylation-dissociated 1 (CAND1), transcript variant 1, mRNA;

gi|187829876|ref|NM\_001127245.1| Homo sapiens leucine rich repeat containing 8 family, member A (LRRRC8A), mRNA;

gi|187936924|ref|NM\_001127219.1| Homo sapiens 1-aminocyclopropane-1-carboxylate synthase homolog (S. cerevisiae) (ACS), mRNA;

gi|187936926|ref|NM\_014306.4| Homo sapiens chromosome 22 open reading frame 28 (C22orf28), mRNA;

gi|187936927|ref|NM\_016199.2| Homo sapiens LSM7 homolog, U6 small nuclear RNA associated (S. cerevisiae) (LSM7), mRNA;

gi|187936934|ref|NM\_017577.4| Homo sapiens GRAM domain containing 1C (GRAMD1C), transcript variant 1, mRNA;

gi|187936936|ref|NM\_018010.3| Homo sapiens intraflagellar transport 57 homolog (Chlamydomonas) (IFT57), mRNA;

gi|187936940|ref|NM\_018091.5| Homo sapiens elongation protein 3 homolog (S. cerevisiae) (ELP3), mRNA;

gi|187936943|ref|NM\_020134.3| Homo sapiens dihydropyrimidinase-like 5 (DPYSL5), transcript variant 1, mRNA;

gi|187936944|ref|NM\_020826.2| Homo sapiens synaptotagmin XIII (SYT13), transcript variant 1, mRNA;

gi|187936948|ref|NM\_001127257.1| Homo sapiens solute carrier family 39 (zinc transporter), member 10 (SLC39A10), mRNA;

gi|187936951|ref|NM\_014774.2| Homo sapiens KIAA0494 (KIAA0494), mRNA;

gi|187936954|ref|NM\_001127258.1| Homo sapiens HHIP-like 1 (HHIP1), transcript variant 1, mRNA;

gi|187936957|ref|NM\_207309.2| Homo sapiens UDP-N-acetylglucosamine pyrophosphorylase 1-like 1 (UAP1), mRNA;

gi|187936959|ref|NM\_138385.3| Homo sapiens transmembrane protein 129 (TMEM129), transcript variant 1, mRNA;

gi|187937114|ref|NM\_001633.3| Homo sapiens alpha-1-microglobulin/bikunin precursor (AMBP), mRNA;

gi|187937173|ref|NM\_139176.3| Homo sapiens NLR family, pyrin domain containing 7 (NLRP7), transcript variant 1, mRNA;

gi|187937177|ref|NM\_001098411.3| Homo sapiens G antigen 2B (GAGE2B), mRNA;

gi|187937204|ref|NR\_023342.1| Homo sapiens keratin associated protein 20-4 (KRTAP20-4), non-coding RNA;

gi|187940265|ref|NM\_018394.2| Homo sapiens abhydrolase domain containing 10 (ABHD10), mRNA;

gi|187960041|ref|NM\_000450.2| Homo sapiens selectin E (SELE), mRNA;

gi|187960046|ref|NM\_178127.4| Homo sapiens angiopoietin-like 5 (ANGPTL5), mRNA;

gi|187960054|ref|NM\_005684.4| Homo sapiens G protein-coupled receptor 52 (GPR52), mRNA;

gi|187960058|ref|NM\_014654.3| Homo sapiens syndecan 3 (SDC3), mRNA;

gi|187960060|ref|NM\_006807.4| Homo sapiens chromobox homolog 1 (CBX1), transcript variant 1, mRNA;

gi|187960061|ref|NM\_001003841.2| Homo sapiens solute carrier family 6 (neutral amino acid transporter), member 1 (SLC6A1), mRNA;

gi|187960078|ref|NM\_001127325.1| Homo sapiens MAD2 mitotic arrest deficient-like 2 (yeast) (MAD2L2), transcript variant 1, mRNA;

gi|187960085|ref|NM\_207352.3| Homo sapiens cytochrome P450, family 4, subfamily V, polypeptide 2 (CYP4V2), mRNA;

gi|187960089|ref|NM\_015327.2| Homo sapiens smg-5 homolog, nonsense mediated mRNA decay factor (C. elegans) (SMG5), mRNA;

gi|187960097|ref|NM\_001127328.1| Homo sapiens acyl-CoA dehydrogenase, C-4 to C-12 straight chain (ACAD10), mRNA;

gi|187960099|ref|NM\_014671.2| Homo sapiens ubiquitin protein ligase E3C (UBE3C), mRNA;

gi|187960101|ref|NM\_006869.2| Homo sapiens ArfGAP with dual PH domains 1 (ADAP1), mRNA;

gi|187960106|ref|NM\_003910.3| Homo sapiens BUD31 homolog (S. cerevisiae) (BUD31), mRNA;

gi|187960107|ref|NM\_032488.3| Homo sapiens cornifelin (CNFN), mRNA;

gi|187960110|ref|NR\_023343.1| Homo sapiens RNA, U4atac small nuclear (U12-dependent splicing) (RNU4A), mRNA;

gi|187960111|ref|NR\_023344.1| Homo sapiens RNA, U6atac small nuclear (U12-dependent splicing) (RNU6A), mRNA;

gi|187960112|ref|NM\_015198.3| Homo sapiens cordon-bleu homolog (mouse) (COBL), mRNA;

gi|188035870|ref|NM\_020197.2| Homo sapiens SET and MYND domain containing 2 (SMYD2), mRNA;

gi|188035876|ref|NM\_001031725.4| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 59 (DDX59), n

gi|188035906|ref|NM\_012117.2| Homo sapiens chromobox homolog 5 (CBX5), transcript variant 3, mRNA;

gi|188035920|ref|NM\_174889.4| Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, a

gi|188035927|ref|NM\_032601.3| Homo sapiens methylmalonyl CoA epimerase (MCEE), mRNA;

gi|188219519|ref|NM\_017638.2| Homo sapiens mediator complex subunit 18 (MED18), transcript variant 1

gi|188219542|ref|NM\_033066.2| Homo sapiens membrane protein, palmitoylated 4 (MAGUK p55 subfamil

gi|188219545|ref|NM\_000243.2| Homo sapiens Mediterranean fever (MEFV), transcript variant 1, mRNA; g

gi|188219548|ref|NM\_032290.3| Homo sapiens ankyrin repeat domain 32 (ANKRD32), mRNA;

gi|188219558|ref|NM\_032833.3| Homo sapiens protein phosphatase 1, regulatory subunit 15B (PPP1R15B)

gi|188219562|ref|NM\_145257.3| Homo sapiens chromosome 1 open reading frame 96 (C1orf96), mRNA;

gi|188219568|ref|NM\_001127357.1| Homo sapiens putative homeodomain transcription factor 2 (PHTF2),

gi|188219576|ref|NM\_153341.2| Homo sapiens ring finger protein 19B (RNF19B), transcript variant 1, mRN

gi|188219580|ref|NM\_001001557.2| Homo sapiens growth differentiation factor 6 (GDF6), mRNA;

gi|188219590|ref|NM\_022173.2| Homo sapiens TIA1 cytotoxic granule-associated RNA binding protein (TIA

gi|188219594|ref|NM\_197964.3| Homo sapiens chromosome 7 open reading frame 55 (C7orf55), nuclear g

gi|188219598|ref|NM\_004688.2| Homo sapiens N-myc (and STAT) interactor (NMI), mRNA;

gi|188219600|ref|NM\_000521.3| Homo sapiens hexosaminidase B (beta polypeptide) (HEXB), mRNA;

gi|188219612|ref|NM\_022336.3| Homo sapiens ectodysplasin A receptor (EDAR), mRNA;

gi|188219619|ref|NM\_001127364.1| Homo sapiens family with sequence similarity 221, member A (FAM2:

gi|188219624|ref|NM\_005843.4| Homo sapiens signal transducing adaptor molecule (SH3 domain and ITAM

gi|188219761|ref|NM\_016448.2| Homo sapiens denticleless E3 ubiquitin protein ligase homolog (Drosophil

gi|188219777|ref|NM\_001127345.1| Homo sapiens G antigen 12B (GAGE12B), mRNA;

gi|188497617|ref|NM\_006314.2| Homo sapiens connector enhancer of kinase suppressor of Ras 1 (CNKSR1

gi|188497621|ref|NM\_033297.2| Homo sapiens NLR family, pyrin domain containing 12 (NLRP12), transcrip

gi|188497622|ref|NM\_006056.4| Homo sapiens neuromedin U receptor 1 (NMUR1), mRNA;

gi|188497624|ref|NM\_012205.2| Homo sapiens 3-hydroxyanthranilate 3,4-dioxygenase (HAAO), mRNA;

gi|188497626|ref|NM\_031299.4| Homo sapiens cell division cycle associated 3 (CDCA3), mRNA;

gi|188497628|ref|NM\_080668.3| Homo sapiens cell division cycle associated 5 (CDCA5), mRNA;

gi|188497629|ref|NM\_017546.4| Homo sapiens chromosome 2 open reading frame 29 (C2orf29), mRNA;

gi|188497631|ref|NM\_022373.4| Homo sapiens HERPUD family member 2 (HERPUD2), mRNA;

gi|188497641|ref|NM\_018460.3| Homo sapiens Rho GTPase activating protein 15 (ARHGAP15), mRNA;

gi|188497647|ref|NM\_020935.2| Homo sapiens ubiquitin specific peptidase 37 (USP37), mRNA;

gi|188497651|ref|NM\_003900.4| Homo sapiens sequestosome 1 (SQSTM1), transcript variant 1, mRNA; gi|

gi|188497652|ref|NM\_003428.4| Homo sapiens zinc finger protein 84 (ZNF84), transcript variant 1, mRNA;

gi|188497666|ref|NM\_015049.2| Homo sapiens trafficking protein, kinesin binding 2 (TRAK2), mRNA;

gi|188497682|ref|NM\_024622.3| Homo sapiens FAST kinase domains 1 (FASTKD1), mRNA;

gi|188497688|ref|NM\_030928.3| Homo sapiens chromatin licensing and DNA replication factor 1 (CDT1), m

gi|188497693|ref|NM\_181677.2| Homo sapiens protein phosphatase 2, regulatory subunit B, beta (PPP2R2

gi|188497702|ref|NM\_004186.3| Homo sapiens sema domain, immunoglobulin domain (Ig), short basic do

gi|188497704|ref|NM\_006768.3| Homo sapiens BRCA1 associated protein (BRAP), mRNA;

gi|188497706|ref|NM\_001608.3| Homo sapiens acyl-CoA dehydrogenase, long chain (ACADL), nuclear gene

gi|188497709|ref|NM\_144607.4| Homo sapiens cytochrome b5 domain containing 1 (CYB5D1), mRNA;

gi|188497710|ref|NM\_144611.3| Homo sapiens cytochrome b5 domain containing 2 (CYB5D2), transcript v

gi|188497713|ref|NM\_020698.2| Homo sapiens transmembrane and coiled-coil domain family 3 (TMCC3), i

gi|188497717|ref|NM\_001127384.1| Homo sapiens catenin (cadherin-associated protein), alpha 3 (CTNNA:

gi|188497719|ref|NM\_206833.3| Homo sapiens cortexin 1 (CTXN1), mRNA;

gi|188497720|ref|NM\_001048252.2| Homo sapiens cortixin 3 (CTXN3), transcript variant 1, mRNA; gi|188497727|ref|NM\_001127386.1| Homo sapiens double homeobox 4 like 2 (DUX4L2), mRNA; gi|188497729|ref|NM\_001127387.1| Homo sapiens double homeobox 4 like 7 (DUX4L7), mRNA; gi|188497731|ref|NM\_001127388.1| Homo sapiens double homeobox 4 like 6 (DUX4L6), mRNA; gi|188497733|ref|NM\_001127389.1| Homo sapiens double homeobox 4 like 5 (DUX4L5), mRNA; gi|188497753|ref|NM\_000188.2| Homo sapiens hexokinase 1 (HK1), nuclear gene encoding mitochondrial isoform; gi|188497755|ref|NM\_001127320.1| Homo sapiens ubiquitin associated protein 2-like (UBAP2L), transcript variant 1, mRNA; gi|188528608|ref|NM\_003015.3| Homo sapiens secreted frizzled-related protein 5 (SFRP5), mRNA; gi|188528610|ref|NM\_024795.3| Homo sapiens transmembrane 4 L six family member 20 (TM4SF20), mRNA; gi|188528615|ref|NM\_182911.3| Homo sapiens testis specific, 10 (TSGA10), transcript variant 2, mRNA; gi|188528617|ref|NM\_003042.3| Homo sapiens solute carrier family 6 (neurotransmitter transporter, GABA), member 1, mRNA; gi|188528625|ref|NM\_021089.2| Homo sapiens zinc finger protein 8 (ZNF8), mRNA; gi|188528627|ref|NM\_033109.3| Homo sapiens polyribonucleotide nucleotidyltransferase 1 (PNPT1), mRNA; gi|188528631|ref|NM\_000452.2| Homo sapiens solute carrier family 10 (sodium/bile acid cotransporter family), member 1, mRNA; gi|188528632|ref|NM\_007135.2| Homo sapiens zinc finger protein 79 (ZNF79), mRNA; gi|188528638|ref|NM\_030817.2| Homo sapiens apolipoprotein L domain containing 1 (APOLD1), transcript variant 1, mRNA; gi|188528640|ref|NM\_178123.4| Homo sapiens SEC14 and spectrin domains 1 (SESTD1), mRNA; gi|188528643|ref|NM\_144629.2| Homo sapiens raftlin family member 2 (RFTN2), mRNA; gi|188528649|ref|NM\_032470.3| Homo sapiens tenascin XB (TNXB), transcript variant XB-S, mRNA; gi|188528650|ref|NM\_022338.3| Homo sapiens chromosome 11 open reading frame 24 (C11orf24), mRNA; gi|188528653|ref|NM\_031210.4| Homo sapiens SRA stem-loop interacting RNA binding protein (SLIRP), mRNA; gi|188528657|ref|NM\_144632.3| Homo sapiens transmembrane protein 182 (TMEM182), mRNA; gi|188528662|ref|NM\_005630.2| Homo sapiens solute carrier organic anion transporter family, member 2A, member 1, mRNA; gi|188528664|ref|NM\_021217.2| Homo sapiens zinc finger protein 77 (ZNF77), mRNA; gi|188528666|ref|NM\_001013699.2| Homo sapiens H3 histone, family 3C (H3F3C), mRNA; gi|188528669|ref|NM\_030630.2| Homo sapiens chromosome 17 open reading frame 28 (C17orf28), mRNA; gi|188528670|ref|NM\_152266.3| Homo sapiens chromosome 19 open reading frame 40 (C19orf40), mRNA; gi|188528674|ref|NM\_003061.2| Homo sapiens slit homolog 1 (Drosophila) (SLIT1), mRNA; gi|188528678|ref|NR\_023349.1| Homo sapiens tRNA splicing endonuclease 15 homolog (S. cerevisiae) (TSEN15), mRNA; gi|188528679|ref|NM\_153028.2| Homo sapiens zinc finger protein 75a (ZNF75A), mRNA; gi|188528682|ref|NM\_021216.4| Homo sapiens zinc finger protein 71 (ZNF71), mRNA; gi|188528683|ref|NM\_145280.4| Homo sapiens methyltransferase like 21A (METTL21A), transcript variant 1, mRNA; gi|188528688|ref|NM\_006949.2| Homo sapiens syntaxin binding protein 2 (STXBP2), transcript variant 1, mRNA; gi|188528690|ref|NM\_001099334.2| Homo sapiens chromosome 2 open reading frame 80 (C2orf80), mRNA; gi|188528693|ref|NM\_171997.2| Homo sapiens ubiquitin specific peptidase 2 (USP2), transcript variant 2, mRNA; gi|188528702|ref|NM\_145008.2| Homo sapiens yippee-like 4 (Drosophila) (YPEL4), mRNA; gi|188528703|ref|NM\_024766.3| Homo sapiens calmodulin-lysine N-methyltransferase (CAMKMT), mRNA; gi|188528707|ref|NM\_001127400.1| Homo sapiens yippee-like 5 (Drosophila) (YPEL5), transcript variant 2, mRNA; gi|188528898|ref|NM\_004894.2| Homo sapiens chromosome 14 open reading frame 2 (C14orf2), transcript variant 1, mRNA; gi|188528899|ref|NM\_030799.7| Homo sapiens Yip1 domain family, member 5 (YIPF5), transcript variant 2, mRNA; gi|188536003|ref|NM\_001127464.1| Homo sapiens zinc finger protein 469 (ZNF469), mRNA; gi|188536042|ref|NM\_001481.2| Homo sapiens growth arrest-specific 8 (GAS8), transcript variant 1, mRNA; gi|188536046|ref|NM\_003074.3| Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily B, member 1, mRNA; gi|188536048|ref|NM\_004766.2| Homo sapiens coatamer protein complex, subunit beta 2 (beta prime) (COG1), mRNA; gi|188536050|ref|NM\_080385.4| Homo sapiens carboxypeptidase A5 (CPA5), transcript variant 1, mRNA; gi|188536062|ref|NM\_001127443.1| Homo sapiens CD36 molecule (thrombospondin receptor) (CD36), transcript variant 1, mRNA; gi|188536066|ref|NM\_020361.4| Homo sapiens carboxypeptidase A6 (CPA6), mRNA;

gi|188536077|ref|NM\_020686.5| Homo sapiens 4-aminobutyrate aminotransferase (ABAT), nuclear gene e  
gi|188536085|ref|NM\_032268.4| Homo sapiens zinc and ring finger 1, E3 ubiquitin protein ligase (ZNR1), r  
gi|188536088|ref|NM\_004075.3| Homo sapiens cryptochrome 1 (photolyase-like) (CRY1), mRNA;  
gi|188536101|ref|NM\_006887.4| Homo sapiens zinc finger protein 36, C3H type-like 2 (ZFP36L2), mRNA;  
gi|188536102|ref|NM\_001127457.1| Homo sapiens cryptochrome 2 (photolyase-like) (CRY2), transcript var  
gi|188536104|ref|NM\_005169.3| Homo sapiens paired-like homeobox 2a (PHOX2A), mRNA;  
gi|188536106|ref|NM\_019095.4| Homo sapiens cardiolipin synthase 1 (CRLS1), transcript variant 1, mRNA;  
gi|188536109|ref|NM\_152611.3| Homo sapiens leucine rich repeat neuronal 4 (LRRN4), mRNA;  
gi|188595644|ref|NM\_001127482.1| Homo sapiens SPRY domain containing 7 (SPRYD7), transcript variant  
gi|188595658|ref|NM\_000029.3| Homo sapiens angiotensinogen (serpin peptidase inhibitor, clade A, mem  
gi|188595661|ref|NM\_001148.4| Homo sapiens ankyrin 2, neuronal (ANK2), transcript variant 1, mRNA; gi|  
gi|188595662|ref|NM\_021603.3| Homo sapiens FXD domain containing ion transport regulator 2 (FXD2),  
gi|188595667|ref|NM\_020984.3| Homo sapiens choline O-acetyltransferase (CHAT), transcript variant R, m  
gi|188595676|ref|NM\_001127491.1| Homo sapiens integrin, beta 2 (complement component 3 receptor 3  
gi|188595685|ref|NM\_001458.4| Homo sapiens filamin C, gamma (FLNC), transcript variant 1, mRNA; gi|18  
gi|188595693|ref|NM\_030571.3| Homo sapiens Nedd4 family interacting protein 1 (NDFIP1), mRNA;  
gi|188595694|ref|NM\_005471.4| Homo sapiens glucosamine-6-phosphate deaminase 1 (GNPDA1), mRNA;  
gi|188595695|ref|NM\_030964.3| Homo sapiens sprouty homolog 4 (Drosophila) (SPRY4), transcript variant  
gi|188595701|ref|NM\_000392.3| Homo sapiens ATP-binding cassette, sub-family C (CFTR/MRP), member 2  
gi|188595703|ref|NM\_032411.2| Homo sapiens chromosome 2 open reading frame 40 (C2orf40), mRNA;  
gi|188595705|ref|NM\_024616.2| Homo sapiens chromosome 3 open reading frame 52 (C3orf52), transcrip  
gi|188595713|ref|NM\_001876.3| Homo sapiens carnitine palmitoyltransferase 1A (liver) (CPT1A), nuclear g  
gi|188595720|ref|NM\_006031.5| Homo sapiens pericentrin (PCNT), mRNA;  
gi|188595726|ref|NM\_001311.4| Homo sapiens cysteine-rich protein 1 (intestinal) (CRIP1), mRNA;  
gi|18860912|ref|NM\_012245.2| Homo sapiens SNW domain containing 1 (SNW1), mRNA;  
gi|18860913|ref|NM\_021818.2| Homo sapiens salvador homolog 1 (Drosophila) (SAV1), mRNA;  
gi|18860914|ref|NM\_021083.2| Homo sapiens X-linked Kx blood group (McLeod syndrome) (XK), mRNA;  
gi|18860919|ref|NM\_004451.3| Homo sapiens estrogen-related receptor alpha (ESRA), mRNA;  
gi|189011537|ref|NM\_001429.3| Homo sapiens E1A binding protein p300 (EP300), mRNA;  
gi|189011539|ref|NM\_004376.5| Homo sapiens COX15 homolog, cytochrome c oxidase assembly protein (C  
gi|189011540|ref|NM\_001232.3| Homo sapiens calsequestrin 2 (cardiac muscle) (CASQ2), nuclear gene enc  
gi|189011543|ref|NM\_021140.2| Homo sapiens lysine (K)-specific demethylase 6A (KDM6A), mRNA;  
gi|189011545|ref|NM\_004315.4| Homo sapiens N-acylsphingosine amidohydrolase (acid ceramidase) 1 (AS  
gi|189011557|ref|NM\_001382.3| Homo sapiens dolichyl-phosphate (UDP-N-acetylglucosamine) N-acetylglu  
gi|189011563|ref|NM\_005675.4| Homo sapiens DiGeorge syndrome critical region gene 6 (DGCR6), mRNA;  
gi|189011585|ref|NM\_139163.2| Homo sapiens amyotrophic lateral sclerosis 2 (juvenile) chromosome regi  
gi|189027053|ref|NM\_014285.5| Homo sapiens exosome component 2 (EXOSC2), mRNA;  
gi|189027060|ref|NR\_023353.1| Homo sapiens exosome component 7 (EXOSC7), transcript variant 2, non-c  
gi|189027077|ref|NM\_001008393.2| Homo sapiens chromosome 4 open reading frame 46 (C4orf46), mRNA.  
gi|189027078|ref|NM\_020354.3| Homo sapiens ectonucleoside triphosphate diphosphohydrolase 7 (ENTPD  
gi|189027089|ref|NM\_030627.2| Homo sapiens cytoplasmic polyadenylation element binding protein 4 (CF  
gi|189027120|ref|NM\_001029858.3| Homo sapiens solute carrier family 35, member F1 (SLC35F1), mRNA;  
gi|189027125|ref|NR\_023352.1| Homo sapiens nicotinamide riboside kinase 1 (NMRK1), transcript variant :  
gi|189027128|ref|NM\_177966.5| Homo sapiens phosphodiesterase 12 (PDE12), mRNA;  
gi|189027138|ref|NM\_001127608.1| Homo sapiens family with sequence similarity 189, member A2 (FAM1  
gi|189027140|ref|NM\_020676.5| Homo sapiens abhydrolase domain containing 6 (ABHD6), mRNA;  
gi|189083680|ref|NM\_001127612.1| Homo sapiens paired box 6 (PAX6), transcript variant 3, mRNA; gi|189

gi|189083683|ref|NM\_001127621.1| Homo sapiens UDP-galactose-4-epimerase (GALE), transcript variant 3; gi|189083689|ref|NM\_005219.4| Homo sapiens diaphanous homolog 1 (Drosophila) (DIAPH1), transcript variant 1; gi|189083694|ref|NM\_182925.4| Homo sapiens fms-related tyrosine kinase 4 (FLT4), transcript variant 1, mRNA; gi|189083715|ref|NM\_001793.4| Homo sapiens cadherin 3, type 1, P-cadherin (placental) (CDH3), mRNA; gi|189083727|ref|NM\_001127645.1| Homo sapiens gamma-aminobutyric acid (GABA) A receptor, alpha 1 (GABRA1), transcript variant 1, mRNA; gi|189083740|ref|NM\_000433.3| Homo sapiens neutrophil cytosolic factor 2 (NCF2), transcript variant 1, mRNA; gi|189083751|ref|NM\_003476.3| Homo sapiens cysteine and glycine-rich protein 3 (cardiac LIM protein) (CGRP3), transcript variant 1, mRNA; gi|189083756|ref|NM\_000512.4| Homo sapiens galactosamine (N-acetyl)-6-sulfate sulfatase (GALNS), mRNA; gi|189083760|ref|NM\_000816.3| Homo sapiens gamma-aminobutyric acid (GABA) A receptor, gamma 2 (GABRG2), transcript variant 1, mRNA; gi|189083767|ref|NM\_001127660.1| Homo sapiens mitofusin 2 (MFN2), transcript variant 2, mRNA; gi|189083771|ref|NM\_001127662.1| Homo sapiens gelsolin (GSN), transcript variant 3, mRNA; gi|189083783|ref|NM\_001127671.1| Homo sapiens leukemia inhibitory factor receptor alpha (LIFR), transcript variant 1, mRNA; gi|189083822|ref|NM\_016162.3| Homo sapiens inhibitor of growth family, member 4 (ING4), transcript variant 1, mRNA; gi|189083833|ref|NM\_004737.4| Homo sapiens like-glycosyltransferase (LARGE), transcript variant 1, mRNA; gi|189083835|ref|NM\_001127592.1| Homo sapiens Fc fragment of IgG, low affinity IIIa, receptor (CD16a) (FCGR3A), transcript variant 1, mRNA; gi|189083843|ref|NM\_001814.4| Homo sapiens cathepsin C (CTSC), transcript variant 1, mRNA; gi|167000511|ref|NM\_000082.3| Homo sapiens excision repair cross-complementing rodent repair deficiency complementing 1 (XPC-HHR23C), transcript variant 1, mRNA; gi|189083848|ref|NM\_000031.5| Homo sapiens aminolevulinic acid dehydratase (ALAD), mRNA; gi|189083855|ref|NM\_000815.4| Homo sapiens gamma-aminobutyric acid (GABA) A receptor, delta (GABRD), transcript variant 1, mRNA; gi|189083864|ref|NM\_001701.3| Homo sapiens bile acid CoA: amino acid N-acyltransferase (glycine N-cholesterol acyltransferase) (GCAT), transcript variant 1, mRNA; gi|189095236|ref|NM\_001127668.1| Homo sapiens potassium voltage-gated channel, Isk-related family, member 1 (KCNK1), transcript variant 1, mRNA; gi|189095249|ref|NM\_000298.5| Homo sapiens pyruvate kinase, liver and RBC (PKLR), nuclear gene encoding isoform 1, mRNA; gi|189095257|ref|NM\_000209.3| Homo sapiens pancreatic and duodenal homeobox 1 (PDX1), mRNA; gi|189095260|ref|NM\_000490.4| Homo sapiens arginine vasopressin (AVP), mRNA; gi|189095267|ref|NM\_000554.4| Homo sapiens cone-rod homeobox (CRX), mRNA; gi|189095270|ref|NM\_005084.3| Homo sapiens phospholipase A2, group VII (platelet-activating factor acetylhydrolase IIb) (PLA2G7), transcript variant 1, mRNA; gi|189095272|ref|NM\_000215.3| Homo sapiens Janus kinase 3 (JAK3), mRNA; gi|189095273|ref|NM\_030943.3| Homo sapiens amnionless homolog (mouse) (AMN), mRNA; gi|189095280|ref|NM\_001032394.2| Homo sapiens G protein-coupled receptor 126 (GPR126), transcript variant 1, mRNA; gi|189163470|ref|NM\_016941.3| Homo sapiens delta-like 3 (Drosophila) (DLL3), transcript variant 1, mRNA; gi|189163479|ref|NM\_003640.3| Homo sapiens inhibitor of kappa light polypeptide gene enhancer in B-cells 3 (IKBKG), transcript variant 1, mRNA; gi|189163502|ref|NM\_006846.3| Homo sapiens serine peptidase inhibitor, Kazal type 5 (SPINK5), transcript variant 1, mRNA; gi|189163509|ref|NM\_002076.3| Homo sapiens glucosamine (N-acetyl)-6-sulfatase (GNS), mRNA; gi|189163516|ref|NM\_032551.4| Homo sapiens KISS1 receptor (KISS1R), mRNA; gi|189163520|ref|NM\_015384.4| Homo sapiens Nipped-B homolog (Drosophila) (NIPBL), transcript variant 1, mRNA; gi|189163523|ref|NM\_033064.4| Homo sapiens ataxia, cerebellar, Cayman type (ATCAY), mRNA; gi|189163531|ref|NM\_001127702.1| Homo sapiens serpin peptidase inhibitor, clade A (alpha-1 antitrypsin) (SERPINA1), transcript variant 1, mRNA; gi|189163543|ref|NM\_024422.3| Homo sapiens desmocollin 2 (DSC2), transcript variant Dsc2a, mRNA; gi|189163576|ref|NR\_002761.2| Homo sapiens RNA, U2 small nuclear 2 (RNU2-2), small nuclear RNA; gi|189181650|ref|NR\_023358.1| Homo sapiens small Cajal body-specific RNA 9-like (retrotransposed) (SCAF9), small Cajal body-specific RNA; gi|189181653|ref|NM\_004081.5| Homo sapiens deleted in azoospermia 1 (DAZ1), mRNA; gi|189181655|ref|NM\_031226.2| Homo sapiens cytochrome P450, family 19, subfamily A, polypeptide 1 (CYP19A1), transcript variant 1, mRNA; gi|189181660|ref|NM\_000140.3| Homo sapiens ferrochelatase (FECH), nuclear gene encoding mitochondrial isoform, mRNA; gi|189181662|ref|NM\_138337.5| Homo sapiens C-type lectin domain family 12, member A (CLEC12A), transcript variant 1, mRNA; gi|189181663|ref|NM\_001851.4| Homo sapiens collagen, type IX, alpha 1 (COL9A1), transcript variant 1, mRNA; gi|189181665|ref|NM\_000520.4| Homo sapiens hexosaminidase A (alpha polypeptide) (HEXA), mRNA; gi|189181669|ref|NM\_005664.3| Homo sapiens makorin ring finger protein 3 (MKRN3), mRNA;

gi|189181670|ref|NM\_003204.2| Homo sapiens nuclear factor (erythroid-derived 2)-like 1 (NFE2L1), mRNA

gi|189181675|ref|NM\_000475.4| Homo sapiens nuclear receptor subfamily O, group B, member 1 (NR0B1),

gi|189181723|ref|NM\_001127710.1| Homo sapiens proteoglycan 4 (PRG4), transcript variant D, mRNA; gi|

gi|189181733|ref|NM\_001127711.1| Homo sapiens transmembrane protein 14B (TMEM14B), transcript va

gi|189181739|ref|NM\_015915.4| Homo sapiens atlastin GTPase 1 (ATL1), transcript variant 1, mRNA; gi|18

gi|189181754|ref|NM\_001943.3| Homo sapiens desmoglein 2 (DSG2), mRNA;

gi|189181756|ref|NM\_001710.5| Homo sapiens complement factor B (CFB), mRNA;

gi|189181758|ref|NM\_001127716.1| Homo sapiens electron-transfer-flavoprotein, alpha polypeptide (ETF/

gi|189217410|ref|NM\_183373.3| Homo sapiens PX domain containing 1 (PXDC1), mRNA;

gi|189217412|ref|NM\_000434.3| Homo sapiens sialidase 1 (lysosomal sialidase) (NEU1), mRNA;

gi|189217423|ref|NM\_000227.3| Homo sapiens laminin, alpha 3 (LAMA3), transcript variant 2, mRNA; gi|1

gi|189217844|ref|NM\_001127889.1| Homo sapiens spastic paraplegia 21 (autosomal recessive, Mast syndr

gi|189217851|ref|NM\_004530.4| Homo sapiens matrix metalloproteinase 2 (gelatinase A, 72kDa gelatinase,

gi|189217862|ref|NM\_138571.4| Homo sapiens histidine triad nucleotide binding protein 3 (HINT3), mRNA

gi|189217868|ref|NM\_014845.5| Homo sapiens FIG4 homolog, SAC1 lipid phosphatase domain containing

gi|189217869|ref|NM\_138375.2| Homo sapiens Cdk5 and Abl enzyme substrate 1 (CABLES1), transcript var

gi|189217873|ref|NM\_080723.4| Homo sapiens neurensin 1 (NRSN1), mRNA;

gi|189217875|ref|NM\_001127892.1| Homo sapiens sal-like 1 (Drosophila) (SALL1), transcript variant 2, mR

gi|189217879|ref|NM\_020219.3| Homo sapiens carcinoembryonic antigen-related cell adhesion molecule 1

gi|189217887|ref|NM\_001127896.1| Homo sapiens carbohydrate (N-acetylgalactosamine 4-O) sulfotransfe

gi|189217894|ref|NM\_152688.2| Homo sapiens KH domain containing, RNA binding, signal transduction as

gi|189217901|ref|NM\_172103.3| Homo sapiens eyes absent homolog 4 (Drosophila) (EYA4), transcript vari

gi|189217913|ref|NM\_030962.3| Homo sapiens SET binding factor 2 (SBF2), mRNA;

gi|189217916|ref|NM\_173558.3| Homo sapiens FYVE, RhoGEF and PH domain containing 2 (FGD2), mRNA;

gi|189217918|ref|NM\_152716.2| Homo sapiens protein associated with topoisomerase II homolog 1 (yeast

gi|189217922|ref|NM\_001127899.1| Homo sapiens chloride channel, voltage-sensitive 5 (CLCN5), transcrip

gi|189230086|ref|NM\_001080500.2| Homo sapiens von Willebrand factor C domain containing protein 2-lil

gi|189242609|ref|NM\_000771.3| Homo sapiens cytochrome P450, family 2, subfamily C, polypeptide 9 (CY

gi|189242611|ref|NM\_007309.3| Homo sapiens diaphanous homolog 2 (Drosophila) (DIAPH2), transcript va

gi|189303548|ref|NM\_001128076.1| Homo sapiens speedy homolog E4 (Xenopus laevis) (SPDYE4), mRNA;

gi|189303553|ref|NM\_001128077.1| Homo sapiens keratin associated protein 20-3 (KRTAP20-3), mRNA;

gi|189339189|ref|NM\_000783.3| Homo sapiens cytochrome P450, family 26, subfamily A, polypeptide 1 (C

gi|189339201|ref|NM\_001128085.1| Homo sapiens aspartoacylase (ASPA), transcript variant 2, mRNA; gi|7

gi|189339226|ref|NM\_000499.3| Homo sapiens cytochrome P450, family 1, subfamily A, polypeptide 1 (CY

gi|189339232|ref|NM\_000762.5| Homo sapiens cytochrome P450, family 2, subfamily A, polypeptide 6 (CY

gi|189339238|ref|NM\_017914.3| Homo sapiens chromosome 19 open reading frame 24 (C19orf24), mRNA

gi|189339247|ref|NM\_005450.4| Homo sapiens noggin (NOG), mRNA;

gi|189339260|ref|NM\_183416.3| Homo sapiens kinesin family member 1B (KIF1B), transcript variant 2, mR

gi|189339276|ref|NM\_001204.6| Homo sapiens bone morphogenetic protein receptor, type II (serine/threi

gi|189409109|ref|NM\_182616.2| Homo sapiens chromosome 15 open reading frame 38 (C15orf38), mRNA

gi|189409110|ref|NM\_153000.4| Homo sapiens adenomatosis polyposis coli down-regulated 1 (APCDD1), r

gi|189409115|ref|NM\_014960.3| Homo sapiens arylsulfatase G (ARSG), mRNA;

gi|189409118|ref|NM\_000226.3| Homo sapiens keratin 9 (KRT9), mRNA;

gi|189409121|ref|NM\_152792.2| Homo sapiens aspartic peptidase, retroviral-like 1 (ASPRV1), mRNA;

gi|189409123|ref|NM\_173081.3| Homo sapiens armadillo repeat containing 3 (ARMC3), mRNA;

gi|189409126|ref|NM\_000233.3| Homo sapiens luteinizing hormone/choriogonadotropin receptor (LHCGR

gi|189409141|ref|NM\_017489.2| Homo sapiens telomeric repeat binding factor (NIMA-interacting) 1 (TERF

gi|189409147|ref|NM\_152272.3| Homo sapiens charged multivesicular body protein 7 (CHMP7), mRNA;

gi|189409148|ref|NM\_024591.4| Homo sapiens charged multivesicular body protein 6 (CHMP6), mRNA;

gi|189458811|ref|NM\_000158.3| Homo sapiens glucan (1,4-alpha-), branching enzyme 1 (GBE1), mRNA;

gi|189458818|ref|NM\_001128148.1| Homo sapiens transferrin receptor (p90, CD71) (TFRC), transcript vari

gi|189458820|ref|NM\_003245.3| Homo sapiens transglutaminase 3 (E polypeptide, protein-glutamine-gam

gi|189458827|ref|NM\_018965.2| Homo sapiens triggering receptor expressed on myeloid cells 2 (TREM2),

gi|189458830|ref|NM\_002880.3| Homo sapiens v-raf-1 murine leukemia viral oncogene homolog 1 (RAF1),

gi|189458834|ref|NM\_003659.3| Homo sapiens alkylglycerone phosphate synthase (AGPS), mRNA;

gi|189458851|ref|NM\_001128150.1| Homo sapiens ORM1-like 1 (S. cerevisiae) (ORMDL1), transcript variar

gi|189458858|ref|NM\_139266.2| Homo sapiens signal transducer and activator of transcription 1, 91kDa (S

gi|189458860|ref|NM\_000096.3| Homo sapiens ceruloplasmin (ferroxidase) (CP), transcript variant 1, mRN

gi|189458878|ref|NM\_139166.4| Homo sapiens actin-binding Rho activating protein (ABRA), mRNA;

gi|189458883|ref|NM\_004413.3| Homo sapiens dipeptidase 1 (renal) (DPEP1), transcript variant 1, mRNA; ;

gi|189458888|ref|NM\_001128142.1| Homo sapiens RWD domain containing 3 (RWDD3), transcript variant

gi|189458895|ref|NM\_001128143.1| Homo sapiens PMS1 postmeiotic segregation increased 1 (S. cerevisia

gi|189458900|ref|NM\_001005207.2| Homo sapiens tripartite motif containing 37 (TRIM37), transcript varia

gi|189491627|ref|NM\_031889.2| Homo sapiens enamelin (ENAM), mRNA;

gi|189491631|ref|NM\_001128160.1| Homo sapiens upstream binding protein 1 (LBP-1a) (UBP1), transcript

gi|189491638|ref|NM\_144646.3| Homo sapiens immunoglobulin J polypeptide, linker protein for immunog

gi|189491644|ref|NM\_153214.2| Homo sapiens fibulin 7 (FBLN7), transcript variant 1, mRNA; gi|18949164

gi|189491650|ref|NM\_130769.3| Homo sapiens glycoprotein hormone alpha 2 (GPHA2), mRNA;

gi|189491659|ref|NM\_001128174.1| Homo sapiens UDP glycosyltransferase 8 (UGT8), transcript variant 1,

gi|189491674|ref|NM\_032822.2| Homo sapiens family with sequence similarity 136, member A (FAM136A)

gi|189491738|ref|NM\_003297.2| Homo sapiens nuclear receptor subfamily 2, group C, member 1 (NR2C1),

gi|189491746|ref|NM\_000332.3| Homo sapiens ataxin 1 (ATXN1), transcript variant 1, mRNA; gi|18949174

gi|189491754|ref|NM\_001128168.1| Homo sapiens p21 protein (Cdc42/Rac)-activated kinase 3 (PAK3), tra

gi|189491761|ref|NM\_000541.4| Homo sapiens S-antigen; retina and pineal gland (arrestin) (SAG), mRNA;

gi|189491762|ref|NM\_000104.3| Homo sapiens cytochrome P450, family 1, subfamily B, polypeptide 1 (CY

gi|189491764|ref|NM\_007214.4| Homo sapiens SEC63 homolog (S. cerevisiae) (SEC63), mRNA;

gi|189491773|ref|NM\_207181.2| Homo sapiens nephronophthisis 1 (juvenile) (NPHP1), transcript variant 2

gi|189491779|ref|NM\_006507.3| Homo sapiens regenerating islet-derived 1 beta (REG1B), mRNA;

gi|189491780|ref|NM\_002909.4| Homo sapiens regenerating islet-derived 1 alpha (REG1A), mRNA;

gi|189571582|ref|NM\_003259.3| Homo sapiens intercellular adhesion molecule 5, telencephalin (ICAM5), r

gi|189571586|ref|NM\_001128175.1| Homo sapiens dystrobrevin, alpha (DTNA), transcript variant 9, mRNA

gi|189571602|ref|NM\_001128202.1| Homo sapiens chromosome 10 open reading frame 122 (C10orf122),

gi|189571606|ref|NM\_002424.2| Homo sapiens matrix metalloproteinase 8 (neutrophil collagenase) (MMP8

gi|189571607|ref|NM\_032581.3| Homo sapiens family with sequence similarity 126, member A (FAM126A)

gi|189571608|ref|NR\_023362.1| Homo sapiens uncharacterized LOC100169752 (LOC100169752), non-codi

gi|189571609|ref|NR\_023363.1| Homo sapiens RNA, 5S ribosomal 1 (RN5S1), ribosomal RNA;

gi|189571611|ref|NR\_023364.1| Homo sapiens RNA, 5S ribosomal 2 (RN5S2), ribosomal RNA;

gi|189571612|ref|NR\_023365.1| Homo sapiens RNA, 5S ribosomal 3 (RN5S3), ribosomal RNA;

gi|189571613|ref|NR\_023366.1| Homo sapiens RNA, 5S ribosomal 4 (RN5S4), ribosomal RNA;

gi|189571614|ref|NR\_023367.1| Homo sapiens RNA, 5S ribosomal 5 (RN5S5), ribosomal RNA;

gi|189571615|ref|NR\_023368.1| Homo sapiens RNA, 5S ribosomal 6 (RN5S6), ribosomal RNA;

gi|189571616|ref|NR\_023369.1| Homo sapiens RNA, 5S ribosomal 7 (RN5S7), ribosomal RNA;

gi|189571617|ref|NM\_007069.3| Homo sapiens phospholipase A2, group XVI (PLA2G16), transcript variant

gi|189571619|ref|NR\_023370.1| Homo sapiens RNA, 5S ribosomal 8 (RN5S8), ribosomal RNA;



gi|189571622|ref|NR\_023371.1| Homo sapiens RNA, 5S ribosomal 9 (RN5S9), ribosomal RNA;  
 gi|189571623|ref|NR\_023372.1| Homo sapiens RNA, 5S ribosomal 10 (RN5S10), ribosomal RNA;  
 gi|189571624|ref|NR\_023373.1| Homo sapiens RNA, 5S ribosomal 11 (RN5S11), ribosomal RNA;  
 gi|189571625|ref|NR\_023374.1| Homo sapiens RNA, 5S ribosomal 12 (RN5S12), ribosomal RNA;  
 gi|189571626|ref|NR\_023375.1| Homo sapiens RNA, 5S ribosomal 13 (RN5S13), ribosomal RNA;  
 gi|189571627|ref|NR\_023376.1| Homo sapiens RNA, 5S ribosomal 14 (RN5S14), ribosomal RNA;  
 gi|189571628|ref|NM\_001100916.1| Homo sapiens membrane bound O-acyltransferase domain containing  
 gi|189571630|ref|NR\_023377.1| Homo sapiens RNA, 5S ribosomal 15 (RN5S15), ribosomal RNA;  
 gi|189571631|ref|NR\_023378.1| Homo sapiens RNA, 5S ribosomal 16 (RN5S16), ribosomal RNA;  
 gi|189571632|ref|NR\_023379.1| Homo sapiens RNA, 5S ribosomal 17 (RN5S17), ribosomal RNA;  
 gi|189571642|ref|NM\_001128206.1| Homo sapiens sulfatase 1 (SULF1), transcript variant 2, mRNA; gi|189571646|ref|NM\_024631.2| Homo sapiens Myb/SANT-like DNA-binding domain containing 2 (MSANT1)  
 gi|189571649|ref|NM\_024771.2| Homo sapiens N(alpha)-acetyltransferase 40, NatD catalytic subunit, hom  
 gi|189571651|ref|NM\_015344.2| Homo sapiens leptin receptor overlapping transcript-like 1 (LEPROTL1), tr  
 gi|189571656|ref|NM\_030792.6| Homo sapiens glycerophosphodiester phosphodiesterase domain contain  
 gi|189571658|ref|NM\_001039523.2| Homo sapiens cholinergic receptor, nicotinic, alpha 1 (muscle) (CHRN,  
 gi|189571661|ref|NM\_001128209.1| Homo sapiens sarcoglycan, delta (35kDa dystrophin-associated glyco  
 gi|189571663|ref|NM\_022783.2| Homo sapiens DEP domain containing MTOR-interacting protein (DEPTOF  
 gi|189571666|ref|NM\_030895.2| Homo sapiens zinc finger protein 696 (ZNF696), mRNA;  
 gi|189571670|ref|NM\_001128210.1| Homo sapiens sprouty-related, EVH1 domain containing 2 (SPRED2), t  
 gi|189571675|ref|NR\_023380.1| Homo sapiens coiled-coil domain containing 144C (CCDC144C), non-codin  
 gi|189571676|ref|NM\_032869.3| Homo sapiens NudC domain containing 1 (NUDCD1), transcript variant 1,  
 gi|189571680|ref|NM\_152528.2| Homo sapiens WD repeat, sterile alpha motif and U-box domain containir  
 gi|189571686|ref|NM\_003731.2| Homo sapiens Sjogren syndrome nuclear autoantigen 1 (SSNA1), mRNA;  
 gi|189571688|ref|NM\_006652.1| Homo sapiens serine peptidase inhibitor, Kunitz type, 3 (SPINT3), mRNA;  
 gi|189571692|ref|NM\_001128214.1| Homo sapiens potassium channel tetramerisation domain containing  
 gi|189571694|ref|NM\_001128215.1| Homo sapiens lipase, family member M (LIPM), mRNA;  
 gi|190014575|ref|NM\_002775.4| Homo sapiens HtrA serine peptidase 1 (HTRA1), mRNA;  
 gi|190014577|ref|NM\_014016.3| Homo sapiens SAC1 suppressor of actin mutations 1-like (yeast) (SACM1L  
 gi|190014582|ref|NM\_054110.4| Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetyl  
 gi|190014587|ref|NM\_001128217.1| Homo sapiens PC4 and SFRS1 interacting protein 1 (PSIP1), transcript  
 gi|190014590|ref|NM\_014667.2| Homo sapiens vestigial like 4 (Drosophila) (VGLL4), transcript variant 2, m  
 gi|190014598|ref|NM\_001128223.1| Homo sapiens zinc finger protein 717 (ZNF717), mRNA;  
 gi|190014600|ref|NM\_032492.3| Homo sapiens jagunal homolog 1 (Drosophila) (JAGN1), mRNA;  
 gi|190014602|ref|NM\_018201.3| Homo sapiens TBC1 domain family, member 13 (TBC1D13), mRNA;  
 gi|190014604|ref|NM\_025239.3| Homo sapiens programmed cell death 1 ligand 2 (PDCD1LG2), mRNA;  
 gi|190014606|ref|NM\_032536.2| Homo sapiens netrin G2 (NTNG2), mRNA;  
 gi|190014608|ref|NR\_003085.2| Homo sapiens PMS2 postmeiotic segregation increased 2 (S. cerevisiae) (P  
 gi|190014614|ref|NM\_152569.2| Homo sapiens chromosome 9 open reading frame 66 (C9orf66), mRNA;  
 gi|190014621|ref|NM\_001007169.2| Homo sapiens zinc finger protein 483 (ZNF483), transcript variant 2, n  
 gi|190014622|ref|NM\_014953.3| Homo sapiens DIS3 mitotic control homolog (S. cerevisiae) (DIS3), transcr  
 gi|190014626|ref|NM\_020422.4| Homo sapiens transmembrane protein 159 (TMEM159), mRNA;  
 gi|190014639|ref|NR\_023382.1| Homo sapiens zinc finger protein 815 (ZNF815), non-coding RNA;  
 gi|190194354|ref|NM\_020890.2| Homo sapiens KIAA1524 (KIAA1524), mRNA;  
 gi|190194359|ref|NM\_022843.3| Homo sapiens protocadherin 20 (PCDH20), mRNA;  
 gi|190194361|ref|NM\_032849.3| Homo sapiens chromosome 13 open reading frame 33 (C13orf33), mRNA  
 gi|190194362|ref|NM\_006426.2| Homo sapiens dihydropyrimidinase-like 4 (DPYSL4), mRNA;

gi|190194364|ref|NM\_018109.3| Homo sapiens mitochondrial poly(A) polymerase (MTPAP), nuclear gene c

gi|190194369|ref|NM\_001128302.1| Homo sapiens LYR motif containing 1 (LYRM1), transcript variant 3, m

gi|190194371|ref|NM\_153218.2| Homo sapiens laccase (multicopper oxidoreductase) domain containing 1

gi|190194376|ref|NM\_020353.2| Homo sapiens phospholipid scramblase 4 (PLSCR4), transcript variant 2, n

gi|190194385|ref|NM\_020123.3| Homo sapiens transmembrane 9 superfamily member 3 (TM9SF3), mRNA

gi|190194388|ref|NM\_001074.2| Homo sapiens UDP glucuronosyltransferase 2 family, polypeptide B7 (UGT

gi|190194394|ref|NR\_023383.1| Homo sapiens DTX2P1-UPK3BP1-PMS2P11 readthrough (non-protein codi

gi|190194402|ref|NM\_032785.3| Homo sapiens ATP/GTP binding protein-like 4 (AGBL4), mRNA;

gi|190194404|ref|NR\_023384.1| Homo sapiens ring finger protein 216 pseudogene 1 (RNF216P1), transcrip

gi|190194407|ref|NM\_021732.2| Homo sapiens arginine vasopressin-induced 1 (AVPI1), mRNA;

gi|190194415|ref|NM\_024326.3| Homo sapiens F-box and leucine-rich repeat protein 15 (FBXL15), mRNA;

gi|190194421|ref|NR\_023386.1| Homo sapiens ciliary rootlet coiled-coil, rootletin pseudogene 3 (CROCCP3

gi|190194428|ref|NM\_003414.4| Homo sapiens zinc finger protein 267 (ZNF267), transcript variant 498723

gi|190341021|ref|NM\_001128309.1| Homo sapiens tetraspanin 14 (TSPAN14), transcript variant 2, mRNA;

gi|190341023|ref|NM\_004684.4| Homo sapiens SPARC-like 1 (hevin) (SPARCL1), transcript variant 2, mRNA

gi|190341053|ref|NR\_023387.1| Homo sapiens ATP-binding cassette, sub-family C, member 6 pseudogene

gi|190341067|ref|NM\_052929.1| Homo sapiens forkhead-associated (FHA) phosphopeptide binding domain

gi|190341071|ref|NM\_001128324.1| Homo sapiens zinc finger, AN1-type domain 4 (ZFAND4), transcript va

gi|190341073|ref|NM\_015027.2| Homo sapiens pyridoxal-dependent decarboxylase domain containing 1 (I

gi|190341076|ref|NM\_001011709.2| Homo sapiens pancreatic lipase-related protein 3 (PNLIPRP3), mRNA;

gi|190341081|ref|NM\_173497.2| Homo sapiens HECT domain containing E3 ubiquitin protein ligase 2 (HEC

gi|190341088|ref|NM\_018168.2| Homo sapiens chromosome 14 open reading frame 105 (C14orf105), mRN

gi|190341092|ref|NM\_152429.4| Homo sapiens fibroblast growth factor binding protein 3 (FGFBP3), mRNA

gi|190341094|ref|NM\_020431.2| Homo sapiens transmembrane protein 63C (TMEM63C), mRNA;

gi|190341096|ref|NM\_022450.3| Homo sapiens rhomboid 5 homolog 1 (Drosophila) (RHBDF1), mRNA;

gi|190341100|ref|NM\_144984.2| Homo sapiens V-set and transmembrane domain containing 4 (VSTM4), t

gi|190341101|ref|NM\_032374.3| Homo sapiens apoptogenic 1 (APOPT1), mRNA;

gi|190341105|ref|NM\_052978.4| Homo sapiens tripartite motif containing 9 (TRIM9), transcript variant 2, r

gi|190341106|ref|NM\_001011713.2| Homo sapiens N(alpha)-acetyltransferase 30, NatC catalytic subunit (N

gi|190341111|ref|NM\_145012.4| Homo sapiens cyclin Y (CCNY), transcript variant 1, mRNA; gi|190341109|

gi|190343007|ref|NM\_004510.3| Homo sapiens SP110 nuclear body protein (SP110), transcript variant b, n

gi|190343011|ref|NM\_004316.3| Homo sapiens achaete-scute complex homolog 1 (Drosophila) (ASCL1), m

gi|190343019|ref|NM\_005270.4| Homo sapiens GLI family zinc finger 2 (GLI2), mRNA;

gi|190343020|ref|NM\_014822.2| Homo sapiens SEC24 family, member D (S. cerevisiae) (SEC24D), mRNA;

gi|190343022|ref|NM\_001171.5| Homo sapiens ATP-binding cassette, sub-family C (CFTR/MRP), member 6

gi|190358471|ref|NR\_023388.1| Homo sapiens psoriasis associated RNA induced by stress (non-protein coc

gi|190358483|ref|NM\_032569.3| Homo sapiens glyoxylate reductase 1 homolog (Arabidopsis) (GLYR1), mR

gi|190358489|ref|NM\_001031700.2| Homo sapiens family with sequence similarity 198, member B (FAM19

gi|190358498|ref|NM\_018569.4| Homo sapiens adaptor-related protein complex 1 associated regulatory p

gi|190358503|ref|NM\_024745.4| Homo sapiens SHC SH2-domain binding protein 1 (SHCBP1), mRNA;

gi|190358510|ref|NM\_000432.3| Homo sapiens myosin, light chain 2, regulatory, cardiac, slow (MYL2), mR

gi|190358511|ref|NM\_018241.2| Homo sapiens transmembrane protein 184C (TMEM184C), mRNA;

gi|190358516|ref|NM\_004218.3| Homo sapiens RAB11B, member RAS oncogene family (RAB11B), mRNA;

gi|190358521|ref|NM\_001128427.1| Homo sapiens follistatin-like 5 (FSTL5), transcript variant 2, mRNA; gi|

gi|190358525|ref|NM\_017622.2| Homo sapiens chromosome 17 open reading frame 59 (C17orf59), mRNA

gi|190358542|ref|NM\_020894.2| Homo sapiens KIAA1530 (KIAA1530), mRNA;

gi|190358544|ref|NM\_001114135.2| Homo sapiens erythrocyte membrane protein band 4.9 (dematin) (EP

gi|190358545|ref|NM\_020973.3| Homo sapiens glucosidase, beta, acid 3 (cytosolic) (GBA3), transcript variant 1, mRNA;

gi|190360559|ref|NM\_173803.3| Homo sapiens MPV17 mitochondrial membrane protein-like (MPV17L), nuclear gene, mRNA;

gi|190360565|ref|NM\_052937.2| Homo sapiens protein-L-isoaspartate (D-aspartate) O-methyltransferase (PCMT1), mRNA;

gi|190570154|ref|NM\_018439.3| Homo sapiens Impact homolog (mouse) (IMPACT), mRNA;

gi|190570164|ref|NM\_004775.3| Homo sapiens UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 1, mRNA;

gi|190570166|ref|NR\_023389.1| Homo sapiens long intergenic non-protein coding RNA 476 (LINC00476), transcript, non-coding RNA;

gi|190570171|ref|NM\_013256.3| Homo sapiens zinc finger protein 180 (ZNF180), mRNA;

gi|190570175|ref|NM\_152906.4| Homo sapiens chromosome 22 open reading frame 25 (C22orf25), mRNA;

gi|190570177|ref|NR\_023391.1| Homo sapiens cytochrome P450, family 4, subfamily F, polypeptide 30, pseudogene, mRNA;

gi|190570179|ref|NM\_001097610.2| Homo sapiens secretoglobin, family 1C, member 1-like (LOC653486), mRNA;

gi|190570183|ref|NM\_001128591.1| Homo sapiens proteasome (prosome, macropain) assembly chaperon 1, mRNA;

gi|190570191|ref|NM\_139019.1| Homo sapiens SPANX family, member F1 (SPANXF1), mRNA;

gi|190610005|ref|NM\_024833.2| Homo sapiens zinc finger protein 671 (ZNF671), mRNA;

gi|190610009|ref|NM\_174978.2| Homo sapiens chromosome 14 open reading frame 39 (C14orf39), mRNA;

gi|190610011|ref|NM\_006965.2| Homo sapiens zinc finger protein 24 (ZNF24), mRNA;

gi|190610016|ref|NM\_152332.4| Homo sapiens tandem C2 domains, nuclear (TC2N), transcript variant 1, nuclear gene, mRNA;

gi|190610024|ref|NM\_004234.4| Homo sapiens zinc finger protein 235 (ZNF235), mRNA;

gi|190610030|ref|NR\_023392.1| Homo sapiens zinc finger protein 252 (ZNF252), non-coding RNA;

gi|190610038|ref|NM\_001128598.1| Homo sapiens keratin associated protein 25-1 (KRTAP25-1), mRNA;

gi|190610046|ref|NM\_001128600.1| Homo sapiens late cornified envelope 6A (LCE6A), mRNA;

gi|190684643|ref|NM\_005739.3| Homo sapiens RAS guanyl releasing protein 1 (calcium and DAG-regulated GTPase-activating protein 1) (RGL1), mRNA;

gi|190684653|ref|NM\_001024938.2| Homo sapiens solute carrier family 2 (facilitated glucose transporter), member 1, nuclear gene, mRNA;

gi|190684666|ref|NM\_173529.4| Homo sapiens chromosome 18 open reading frame 54 (C18orf54), mRNA;

gi|190684670|ref|NM\_014994.2| Homo sapiens mitogen-activated protein kinase binding protein 1 (MAPKBP1), mRNA;

gi|190684674|ref|NM\_006297.2| Homo sapiens X-ray repair complementing defective repair in Chinese hamster cells 1 (XPC-HHR23B), mRNA;

gi|190684678|ref|NM\_175871.3| Homo sapiens SWIM-type zinc finger 7 associated protein 1 (SWSAP1), mRNA;

gi|190684693|ref|NM\_001128611.1| Homo sapiens ubiquitin specific peptidase 8 (USP8), transcript variant 1, nuclear gene, mRNA;

gi|190684698|ref|NM\_001128613.1| Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 1, nuclear gene, mRNA;

gi|190684700|ref|NM\_080615.1| Homo sapiens glucosaminyl (N-acetyl) transferase family member 7 (GCN5), nuclear gene, mRNA;

gi|190684709|ref|NM\_014971.1| Homo sapiens EFR3 homolog B (S. cerevisiae) (EFR3B), mRNA;

gi|190881475|ref|NM\_139027.3| Homo sapiens ADAM metallopeptidase with thrombospondin type 1 motif 1 (ADAMTS-1), nuclear gene, mRNA;

gi|190883481|ref|NM\_014301.3| Homo sapiens iron-sulfur cluster scaffold homolog (E. coli) (ISCU), nuclear gene, mRNA;

gi|190883485|ref|NM\_001012455.1| Homo sapiens zinc finger and SCAN domain containing 23 (ZSCAN23), nuclear gene, mRNA;

gi|190885490|ref|NM\_023072.2| Homo sapiens zinc finger, SWIM-type containing 4 (ZSWIM4), mRNA;

gi|190885492|ref|NM\_032898.3| Homo sapiens centrosomal protein 19kDa (CEP19), mRNA;

gi|190885494|ref|NM\_001128615.1| Homo sapiens Rho guanine nucleotide exchange factor (GEF) 3 (ARHGAP3), nuclear gene, mRNA;

gi|190885498|ref|NM\_004255.3| Homo sapiens cytochrome c oxidase subunit Va (COX5A), nuclear gene, mRNA;

gi|190886436|ref|NM\_001128617.1| Homo sapiens RALBP1 associated Eps domain containing 1 (REPS1), transcript variant 1, nuclear gene, mRNA;

gi|190886438|ref|NM\_001128618.1| Homo sapiens chromosome 9 open reading frame 57 (C9orf57), mRNA;

gi|190886441|ref|NM\_183376.2| Homo sapiens arrestin domain containing 4 (ARRDC4), mRNA;

gi|190886443|ref|NM\_153358.2| Homo sapiens zinc finger protein 791 (ZNF791), mRNA;

gi|190886445|ref|NM\_173348.1| Homo sapiens family with sequence similarity 149, member B1 (FAM149B), nuclear gene, mRNA;

gi|190886447|ref|NM\_033035.4| Homo sapiens thymic stromal lymphopoietin (TSLP), transcript variant 1, nuclear gene, mRNA;

gi|190886453|ref|NM\_178448.3| Homo sapiens suppressor APC domain containing 2 (SAPCD2), mRNA;

gi|190886455|ref|NM\_002576.4| Homo sapiens p21 protein (Cdc42/Rac)-activated kinase 1 (PAK1), transcript variant 1, nuclear gene, mRNA;

gi|190886458|ref|NM\_145808.3| Homo sapiens myotrophin (MTPN), mRNA;

gi|190886459|ref|NM\_138347.3| Homo sapiens zinc finger protein 551 (ZNF551), mRNA;

gi|191250770|ref|NM\_002577.4| Homo sapiens p21 protein (Cdc42/Rac)-activated kinase 2 (PAK2), mRNA;

gi|191250772|ref|NM\_001128626.1| Homo sapiens spire homolog 1 (Drosophila) (SPIRE1), transcript variar

gi|191251776|ref|NM\_003657.2| Homo sapiens breast carcinoma amplified sequence 1 (BCAS1), mRNA;

gi|191252781|ref|NM\_001128629.1| Homo sapiens p21 protein (Cdc42/Rac)-activated kinase 6 (PAK6), tra

gi|191252791|ref|NM\_177990.2| Homo sapiens p21 protein (Cdc42/Rac)-activated kinase 7 (PAK7), transcr

gi|191252794|ref|NM\_024819.4| Homo sapiens dephospho-CoA kinase domain containing (DCAKD), trans

gi|191252800|ref|NM\_020945.1| Homo sapiens WDFY family member 4 (WDFY4), mRNA;

gi|191252805|ref|NM\_001128633.1| Homo sapiens RIMS binding protein 3C (RIMBP3C), mRNA;

gi|191252811|ref|NM\_005486.2| Homo sapiens target of myb1 (chicken)-like 1 (TOM1L1), mRNA;

gi|191252813|ref|NM\_001128635.1| Homo sapiens RIMS binding protein 3B (RIMBP3B), mRNA;

gi|192447420|ref|NM\_032701.3| Homo sapiens suppressor of variegation 4-20 homolog 2 (Drosophila) (SU

gi|192447421|ref|NM\_014286.3| Homo sapiens neuronal calcium sensor 1 (NCS1), transcript variant 1, mR

gi|192447435|ref|NM\_017891.4| Homo sapiens chromosome 1 open reading frame 159 (C1orf159), mRNA

gi|192448439|ref|NM\_006456.2| Homo sapiens ST6 (alpha-N-acetyl-neuraminy-2,3-beta-galactosyl-1,3)-N-

gi|192448441|ref|NM\_000132.3| Homo sapiens coagulation factor VIII, procoagulant component (F8), tran

gi|192448442|ref|NM\_021939.3| Homo sapiens FK506 binding protein 10, 65 kDa (FKBP10), mRNA;

gi|192449444|ref|NM\_003613.3| Homo sapiens cartilage intermediate layer protein, nucleotide pyrophosp

gi|192449448|ref|NM\_022066.3| Homo sapiens ubiquitin-conjugating enzyme E2O (UBE2O), mRNA;

gi|192449450|ref|NM\_024927.4| Homo sapiens pleckstrin homology domain containing, family H (with My

gi|192455697|ref|NM\_001008397.2| Homo sapiens glutathione peroxidase 8 (putative) (GPX8), mRNA;

gi|192807280|ref|NR\_002763.2| Homo sapiens CPS1 intronic transcript 1 (non-protein coding) (CPS1-IT1), r

gi|192807285|ref|NM\_001128833.1| Homo sapiens zinc finger and BTB domain containing 4 (ZBTB4), trans

gi|192807291|ref|NM\_019016.2| Homo sapiens keratin 24 (KRT24), mRNA;

gi|192807299|ref|NM\_001128840.1| Homo sapiens calcium channel, voltage-dependent, L type, alpha 1D s

gi|192807313|ref|NM\_001128845.1| Homo sapiens SWI/SNF related, matrix associated, actin dependent re

gi|192807325|ref|NM\_004165.2| Homo sapiens Ras-related associated with diabetes (RRAD), transcript var

gi|192807335|ref|NM\_001128854.1| Homo sapiens serrate RNA effector molecule homolog (Arabidopsis) (

gi|192807337|ref|NM\_152400.2| Homo sapiens chromosome 4 open reading frame 32 (C4orf32), mRNA;

gi|192807338|ref|NM\_000303.2| Homo sapiens phosphomannomutase 2 (PMM2), mRNA;

gi|193082959|ref|NM\_014487.4| Homo sapiens zinc finger protein 330 (ZNF330), mRNA;

gi|193082978|ref|NR\_024005.1| Homo sapiens DEAD/H (Asp-Glu-Ala-Asp/His) box helicase 11 like 2 (DDX1:

gi|193082981|ref|NM\_001129730.1| Homo sapiens zinc finger protein 837 (ZNF837), transcript variant 1, n

gi|193083106|ref|NM\_031989.4| Homo sapiens poly(rC) binding protein 2 (PCBP2), transcript variant 2, mR

gi|193083115|ref|NM\_000782.4| Homo sapiens cytochrome P450, family 24, subfamily A, polypeptide 1 (C

gi|193083121|ref|NM\_001128917.1| Homo sapiens translocase of outer mitochondrial membrane 40 hom

gi|193083124|ref|NM\_001128918.1| Homo sapiens MAP/microtubule affinity-regulating kinase 3 (MARK3).

gi|193083132|ref|NM\_004378.2| Homo sapiens cellular retinoic acid binding protein 1 (CRABP1), mRNA;

gi|193083133|ref|NM\_002386.3| Homo sapiens melanocortin 1 receptor (alpha melanocyte stimulating ho

gi|193083135|ref|NM\_198506.2| Homo sapiens leucine-rich repeat, immunoglobulin-like and transmembr

gi|193083138|ref|NM\_001128922.1| Homo sapiens leucine rich repeat containing 32 (LRRC32), transcript v

gi|193083142|ref|NM\_001128923.1| Homo sapiens SH3 domain containing 19 (SH3D19), transcript variant

gi|193083146|ref|NM\_000772.2| Homo sapiens cytochrome P450, family 2, subfamily C, polypeptide 18 (C

gi|193083151|ref|NM\_014049.4| Homo sapiens acyl-CoA dehydrogenase family, member 9 (ACAD9), nucle

gi|193083152|ref|NM\_002194.3| Homo sapiens inositol polyphosphate-1-phosphatase (INPP1), transcript v

gi|193083153|ref|NR\_023916.1| Homo sapiens peptidylprolyl cis/trans isomerase, NIMA-interacting 1 pseu

gi|193083156|ref|NM\_138386.2| Homo sapiens nuclear assembly factor 1 homolog (S. cerevisiae) (NAF1), t

gi|193083159|ref|NM\_152355.2| Homo sapiens zinc finger protein 441 (ZNF441), mRNA;

gi|193083170|ref|NM\_005101.3| Homo sapiens ISG15 ubiquitin-like modifier (ISG15), mRNA;

gi|193083176|ref|NM\_012225.2| Homo sapiens nucleotide binding protein 2 (NUBP2), mRNA;

gi|193083177|ref|NM\_021187.3| Homo sapiens cytochrome P450, family 4, subfamily F, polypeptide 11 (CYP4F11), mRNA;

gi|193083181|ref|NM\_015015.2| Homo sapiens lysine (K)-specific demethylase 4B (KDM4B), mRNA;

gi|193083182|ref|NM\_133477.2| Homo sapiens synaptopodin 2 (SYNPO2), transcript variant 1, mRNA; gi|193083187|ref|NR\_023919.1| Homo sapiens long intergenic non-protein coding RNA 339 (LINC00339), transcript variant 1, non-coding RNA;

gi|193083188|ref|NM\_004698.2| Homo sapiens PRP3 pre-mRNA processing factor 3 homolog (S. cerevisiae PRP3), mRNA;

gi|193083189|ref|NR\_023920.1| Homo sapiens WT1 antisense RNA (non-protein coding) (WT1-AS), non-coding RNA;

gi|193083195|ref|NR\_023924.1| Homo sapiens chromosome 14 open reading frame 167 (C14orf167), transcript variant 1, non-coding RNA;

gi|193083196|ref|NM\_145049.3| Homo sapiens ubiquitin-like domain containing CTD phosphatase 1 (UBLC1), mRNA;

gi|193083204|ref|NR\_023927.1| Homo sapiens long intergenic non-protein coding RNA 470 (LINC00470), transcript variant 1, non-coding RNA;

gi|193083212|ref|NM\_005871.3| Homo sapiens survival motor neuron domain containing 1 (SMNDC1), mRNA;

gi|193083213|ref|NM\_004820.3| Homo sapiens cytochrome P450, family 7, subfamily B, polypeptide 1 (CYP7B1), mRNA;

gi|193083214|ref|NM\_001017921.3| Homo sapiens vimentin-type intermediate filament associated coiled-coil domain containing 1 (VIMC1), mRNA;

gi|193083220|ref|NM\_052964.2| Homo sapiens cytokine-dependent hematopoietic cell linker (CLNK), mRNA;

gi|193083228|ref|NM\_014913.3| Homo sapiens ADNP homeobox 2 (ADNP2), mRNA;

gi|193083231|ref|NM\_013368.3| Homo sapiens SERTA domain containing 3 (SERTAD3), transcript variant 1, non-coding RNA;

gi|193211394|ref|NM\_001129742.1| Homo sapiens calcium homeostasis modulator 3 (CALHM3), mRNA;

gi|193211404|ref|NR\_024006.1| Homo sapiens uncharacterized LOC92973 (FP588), non-coding RNA;

gi|193211411|ref|NR\_024007.1| Homo sapiens Smith-Magenis syndrome chromosome region, candidate 5 (SMCR5), non-coding RNA;

gi|193211412|ref|NM\_014555.3| Homo sapiens transient receptor potential cation channel, subfamily M, member 1 (TRPM1), mRNA;

gi|193211413|ref|NR\_024008.1| Homo sapiens WWC2 antisense RNA 2 (non-protein coding) (WWC2-AS2), non-coding RNA;

gi|193211414|ref|NM\_016358.2| Homo sapiens iroquois homeobox 4 (IRX4), mRNA;

gi|193211415|ref|NM\_133267.2| Homo sapiens GS homeobox 2 (GSX2), mRNA;

gi|193211422|ref|NR\_024009.1| Homo sapiens uncharacterized LOC150384 (CN5H6.4), non-coding RNA;

gi|193211423|ref|NM\_020242.2| Homo sapiens kinesin family member 15 (KIF15), mRNA;

gi|193211426|ref|NM\_024743.3| Homo sapiens UDP glucuronosyltransferase 2 family, polypeptide A3 (UGT2A3), mRNA;

gi|193211441|ref|NM\_001013623.2| Homo sapiens zinc finger, C2HC-type containing 1B (ZC2HC1B), mRNA;

gi|193211454|ref|NM\_020651.3| Homo sapiens pellino E3 ubiquitin protein ligase 1 (PELI1), mRNA;

gi|193211455|ref|NM\_144718.3| Homo sapiens spindle and centriole associated protein 1 (SPICE1), mRNA;

gi|193211460|ref|NM\_139284.2| Homo sapiens leucine-rich repeat LGL family, member 4 (LGL4), mRNA;

gi|193211479|ref|NM\_015360.4| Homo sapiens superkiller viralicidic activity 2-like 2 (S. cerevisiae SKIV2L), mRNA;

gi|193211482|ref|NR\_023915.1| Homo sapiens imprinted in Prader-Willi syndrome (non-protein coding) (IFP1), non-coding RNA;

gi|193211483|ref|NR\_023917.1| Homo sapiens phosphatase and tensin homolog pseudogene 1 (PTENP1), non-coding RNA;

gi|193211592|ref|NM\_015432.3| Homo sapiens pleckstrin homology domain containing, family G (with RhoGEF domain) (PHG), non-coding RNA;

gi|193211601|ref|NM\_177951.2| Homo sapiens protein phosphatase, Mg<sup>2+</sup>/Mn<sup>2+</sup> dependent, 1A (PPM1A), mRNA;

gi|193211604|ref|NM\_001497.3| Homo sapiens UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 1 (UGT4), mRNA;

gi|193211609|ref|NM\_001129758.1| Homo sapiens dipeptidase 3 (DPEP3), transcript variant 2, mRNA; gi|193211611|ref|NM\_198827.3| Homo sapiens G protein-coupled receptor 133 (GPR133), mRNA;

gi|193211613|ref|NM\_001129765.1| Homo sapiens NAD(P) dependent steroid dehydrogenase-like (NSDHL), mRNA;

gi|193220940|ref|NM\_001129778.1| Homo sapiens GRB2-related adaptor protein-like (GRAPL), mRNA;

gi|193290111|ref|NR\_024011.1| Homo sapiens FP944 (LOC286367), non-coding RNA;

gi|193290127|ref|NM\_014041.3| Homo sapiens signal peptidase complex subunit 1 homolog (S. cerevisiae SPH1), mRNA;

gi|193290159|ref|NM\_198495.2| Homo sapiens CTAGE family, member 4 (CTAGE4), mRNA;

gi|193290181|ref|NM\_001001694.2| Homo sapiens interleukin 17 receptor E-like (IL17REL), mRNA;

gi|193788525|ref|NM\_001129832.1| Homo sapiens calcium channel, voltage-dependent, L type, alpha 1C subunit 1 (CACOPHONY1), mRNA;

gi|193788558|ref|NM\_152683.2| Homo sapiens coiled-coil domain containing 111 (CCDC111), mRNA;

gi|193788559|ref|NM\_016174.4| Homo sapiens cerebral endothelial cell adhesion molecule (CERCAM), mRNA;

gi|193788623|ref|NM\_033518.2| Homo sapiens solute carrier family 38, member 5 (SLC38A5), mRNA;

gi|193788631|ref|NM\_001129887.1| Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 2 (DNAJC2), mRNA;

gi|193788633|ref|NM\_138496.1| Homo sapiens cysteine/histidine-rich 1 (CYHR1), transcript variant 1, mRNA;

gi|193788639|ref|NM\_001129889.1| Homo sapiens dopachrome tautomerase (dopachrome delta-isomerase), mRNA;

gi|193788641|ref|NM\_018110.3| Homo sapiens docking protein 4 (DOK4), mRNA;

gi|193788646|ref|NR\_024013.1| Homo sapiens FKSG29 (FKSG29), non-coding RNA;

gi|193788650|ref|NM\_001129890.1| Homo sapiens leucine rich repeat containing 69 (LRRC69), mRNA;

gi|193788652|ref|NM\_001129891.1| Homo sapiens family with sequence similarity 196, member B (FAM196B), mRNA;

gi|193788658|ref|NM\_001129885.1| Homo sapiens cleavage and polyadenylation specific factor 4-like (CPSF4), mRNA;

gi|193788695|ref|NM\_001126054.2| Homo sapiens calcium/calmodulin-dependent serine protein kinase (CaMKII $\delta$ ), mRNA;

gi|193788704|ref|NM\_001129820.1| Homo sapiens schlafen family member 14 (SLFN14), mRNA;

gi|193788717|ref|NM\_001129826.1| Homo sapiens CSAG family, member 3 (CSAG3), transcript variant 1, mRNA;

gi|193788721|ref|NM\_016407.3| Homo sapiens chromosome 20 open reading frame 43 (C20orf43), mRNA;

gi|193794842|ref|NM\_153346.4| Homo sapiens BEN domain containing 2 (BEND2), transcript variant 1, mRNA;

gi|193794852|ref|NM\_024921.3| Homo sapiens premature ovarian failure, 1B (POF1B), mRNA;

gi|193794855|ref|NR\_024014.1| Homo sapiens uncharacterized LOC100130449 (PP14571), non-coding RNA;

gi|193804849|ref|NM\_145177.2| Homo sapiens dehydrogenase/reductase (SDR family) X-linked (DHRSX), mRNA;

gi|193804853|ref|NM\_176819.3| Homo sapiens chromosome X open reading frame 36 (CXorf36), transcript variant 1, mRNA;

gi|193804922|ref|NM\_018015.5| Homo sapiens chromosome X open reading frame 57 (CXorf57), transcript variant 1, mRNA;

gi|193804924|ref|NM\_001129898.1| Homo sapiens zinc finger family member 673 (ZNF673), transcript variant 1, mRNA;

gi|193804930|ref|NR\_024015.1| Homo sapiens testis development related 1 (non-protein coding) (TDRG1), non-coding RNA;

gi|194018397|ref|NM\_021204.3| Homo sapiens enolase-phosphatase 1 (ENOPH1), mRNA;

gi|194018400|ref|NM\_020905.3| Homo sapiens retinol dehydrogenase 14 (all-trans/9-cis/11-cis) (RDH14), mRNA;

gi|194018402|ref|NM\_001129981.1| Homo sapiens ankyrin repeat domain 2 (stretch responsive muscle) (ANKRD2), mRNA;

gi|194018407|ref|NM\_178148.2| Homo sapiens solute carrier family 35, member B2 (SLC35B2), mRNA;

gi|194018428|ref|NM\_014206.3| Homo sapiens chromosome 11 open reading frame 10 (C11orf10), mRNA;

gi|194018432|ref|NM\_001129993.1| Homo sapiens KIAA1841 (KIAA1841), transcript variant 1, mRNA;

gi|194018435|ref|NM\_001884.3| Homo sapiens hyaluronan and proteoglycan link protein 1 (HAPLN1), mRNA;

gi|194018440|ref|NM\_001129994.1| Homo sapiens potassium channel tetramerisation domain containing 1 (KCTD13), mRNA;

gi|194018444|ref|NM\_001782.2| Homo sapiens CD72 molecule (CD72), mRNA;

gi|194018450|ref|NM\_001011880.2| Homo sapiens C-type lectin domain family 18, member B (CLEC18B), mRNA;

gi|194018456|ref|NM\_001034845.2| Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetyltransferase (UDP-GalNAc 4-epimerase), mRNA;

gi|194018459|ref|NM\_173667.2| Homo sapiens chromosome 5 open reading frame 64 (C5orf64), mRNA;

gi|194018461|ref|NM\_152750.4| Homo sapiens cadherin-related family member 3 (CDHR3), mRNA;

gi|194018464|ref|NM\_001991.3| Homo sapiens enhancer of zeste homolog 1 (Drosophila) (EZH1), mRNA;

gi|194018465|ref|NM\_004454.2| Homo sapiens ets variant 5 (ETV5), mRNA;

gi|194018466|ref|NM\_020657.2| Homo sapiens zinc finger protein 304 (ZNF304), mRNA;

gi|194018468|ref|NM\_178544.3| Homo sapiens zinc finger protein 546 (ZNF546), mRNA;

gi|194018470|ref|NM\_004450.2| Homo sapiens enhancer of rudimentary homolog (Drosophila) (ERH), mRNA;

gi|194018471|ref|NM\_000624.4| Homo sapiens serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, type 1) (SERPINA1), mRNA;

gi|194018473|ref|NM\_001005214.3| Homo sapiens leucine rich repeat containing 52 (LRRC52), mRNA;

gi|194018477|ref|NM\_144572.1| Homo sapiens TBC1 domain family, member 2B (TBC1D2B), transcript variant 1, mRNA;

gi|194018480|ref|NM\_001945.2| Homo sapiens heparin-binding EGF-like growth factor (HBEGF), mRNA;

gi|194018481|ref|NM\_134444.4| Homo sapiens NLR family, pyrin domain containing 4 (NLRP4), mRNA;

gi|194018483|ref|NM\_145007.3| Homo sapiens NLR family, pyrin domain containing 11 (NLRP11), mRNA;

gi|194018487|ref|NM\_000287.3| Homo sapiens peroxisomal biogenesis factor 6 (PEX6), mRNA;

gi|194018489|ref|NM\_001039211.2| Homo sapiens ATPase family, AAA domain containing 3C (ATAD3C), m

gi|194018491|ref|NM\_207407.2| Homo sapiens transmembrane protease, serine 11F (TMPRSS11F), mRNA

gi|194018493|ref|NM\_004128.2| Homo sapiens general transcription factor IIF, polypeptide 2, 30kDa (GTF2

gi|194018494|ref|NM\_207395.2| Homo sapiens zinc finger protein 324B (ZNF324B), mRNA;

gi|194018496|ref|NM\_152536.3| Homo sapiens FYVE, RhoGEF and PH domain containing 5 (FGD5), mRNA;

gi|194018500|ref|NM\_001129998.1| Homo sapiens C-type lectin domain family 12, member B (CLEC12B), t

gi|194018510|ref|NM\_175078.2| Homo sapiens keratin 77 (KRT77), mRNA;

gi|194018512|ref|NM\_001034842.3| Homo sapiens patched domain containing 3 (PTCHD3), mRNA;

gi|194018514|ref|NM\_005815.4| Homo sapiens zinc finger protein 443 (ZNF443), mRNA;

gi|194018517|ref|NM\_001130003.1| Homo sapiens synaptoporin (SYNPR), transcript variant 1, mRNA; gi|1

gi|194018521|ref|NM\_001130007.1| Homo sapiens G1 to S phase transition 1 (GSPT1), transcript variant 3,

gi|194018523|ref|NM\_182632.2| Homo sapiens solute carrier family 6, member 18 (SLC6A18), mRNA;

gi|194018525|ref|NM\_178463.3| Homo sapiens chromosome 20 open reading frame 166 (C20orf166), mR

gi|194018527|ref|NM\_001112706.2| Homo sapiens scinderin (SCIN), transcript variant 1, mRNA; gi|194018

gi|194018534|ref|NM\_001130009.1| Homo sapiens Gen endonuclease homolog 1 (Drosophila) (GEN1), tra

gi|194018536|ref|NM\_002766.2| Homo sapiens phosphoribosyl pyrophosphate synthetase-associated prot

gi|194018538|ref|NM\_001010985.2| Homo sapiens myosin binding protein H-like (MYBPHL), mRNA;

gi|194018541|ref|NM\_001130010.1| Homo sapiens chromosome 15 open reading frame 41 (C15orf41), tra

gi|194018545|ref|NM\_001039361.3| Homo sapiens PRAME family member 10 (PRAMEF10), mRNA;

gi|194018549|ref|NM\_198390.2| Homo sapiens c-Maf inducing protein (CMIP), transcript variant 1, mRNA;

gi|194018558|ref|NM\_012125.3| Homo sapiens cholinergic receptor, muscarinic 5 (CHRM5), mRNA;

gi|194018561|ref|NM\_007232.2| Homo sapiens histamine receptor H3 (HRH3), mRNA;

gi|194018564|ref|NM\_173531.3| Homo sapiens zinc finger protein 100 (ZNF100), mRNA;

gi|194018569|ref|NM\_017918.4| Homo sapiens coiled-coil domain containing 109B (CCDC109B), mRNA;

gi|194018731|ref|NM\_001129979.1| Homo sapiens synaptonemal complex central element protein 1-like (

gi|194018736|ref|NM\_152446.3| Homo sapiens centrosomal protein 128kDa (CEP128), mRNA;

gi|194018740|ref|NM\_013284.2| Homo sapiens polymerase (DNA directed), mu (POLM), mRNA;

gi|194097322|ref|NM\_004092.3| Homo sapiens enoyl CoA hydratase, short chain, 1, mitochondrial (ECHS1

gi|194097324|ref|NM\_000134.3| Homo sapiens fatty acid binding protein 2, intestinal (FABP2), mRNA;

gi|194097326|ref|NM\_000812.3| Homo sapiens gamma-aminobutyric acid (GABA) A receptor, beta 1 (GAB

gi|194097328|ref|NM\_006144.3| Homo sapiens granzyme A (granzyme 1, cytotoxic T-lymphocyte-associat

gi|194097329|ref|NM\_002115.2| Homo sapiens hexokinase 3 (white cell) (HK3), nuclear gene encoding mit

gi|194097331|ref|NM\_004445.3| Homo sapiens EPH receptor B6 (EPHB6), mRNA;

gi|194097333|ref|NM\_001962.2| Homo sapiens ephrin-A5 (EFNA5), mRNA;

gi|194097334|ref|NM\_000236.2| Homo sapiens lipase, hepatic (LIPC), mRNA;

gi|194097337|ref|NM\_145695.2| Homo sapiens diacylglycerol kinase, beta 90kDa (DGKB), transcript varian

gi|194097338|ref|NM\_001129996.1| Homo sapiens zinc finger protein 222 (ZNF222), transcript variant 1, n

gi|194097340|ref|NM\_002616.2| Homo sapiens period homolog 1 (Drosophila) (PER1), mRNA;

gi|194097346|ref|NM\_002646.3| Homo sapiens phosphoinositide-3-kinase, class 2, beta polypeptide (PIK3

gi|194097348|ref|NM\_001102.3| Homo sapiens actinin, alpha 1 (ACTN1), transcript variant 2, mRNA; gi|19

gi|194097355|ref|NM\_002676.2| Homo sapiens phosphomannomutase 1 (PMM1), mRNA;

gi|194097357|ref|NM\_001130011.1| Homo sapiens testis expressed 101 (TEX101), transcript variant 2, mR

gi|194097364|ref|NM\_017647.3| Homo sapiens FtsJ homolog 3 (E. coli) (FTSJ3), mRNA;

gi|194097368|ref|NM\_001130014.1| Homo sapiens pregnancy specific beta-1-glycoprotein 5 (PSG5), transc

gi|194097373|ref|NM\_080590.2| Homo sapiens calcyphosine (CAPS), transcript variant 2, mRNA; gi|19409

gi|194097374|ref|NM\_182608.3| Homo sapiens ankyrin repeat domain 33 (ANKRD33), transcript variant 2,

gi|194097383|ref|NM\_152713.3| Homo sapiens STT3, subunit of the oligosaccharyltransferase complex, ho

gi|194097384|ref|NR\_004847.2| Homo sapiens ubiquitin-conjugating enzyme E2Q family member 2 pseudogene 2 (UBC2P2), mRNA;

gi|194097387|ref|NM\_006919.2| Homo sapiens serpin peptidase inhibitor, clade B (ovalbumin), member 3 (SERPINF3), mRNA;

gi|194097388|ref|NM\_001081675.2| Homo sapiens kelch-like 38 (Drosophila) (KLHL38), mRNA;

gi|194097393|ref|NR\_004846.2| Homo sapiens uncharacterized LOC100134868 (LOC100134868), non-coding RNA;

gi|194097397|ref|NM\_002841.3| Homo sapiens protein tyrosine phosphatase, receptor type, G (PTPRG), mRNA;

gi|194097399|ref|NM\_005949.3| Homo sapiens metallothionein 1F (MT1F), mRNA;

gi|194097400|ref|NM\_001130020.1| Homo sapiens ATPase, H<sup>+</sup> transporting, lysosomal V0 subunit a1 (ATP5A1), mRNA;

gi|194097405|ref|NM\_002407.2| Homo sapiens secretoglobin, family 2A, member 1 (SCGB2A1), mRNA;

gi|194097406|ref|NM\_178558.4| Homo sapiens zinc finger protein 680 (ZNF680), transcript variant 1, mRNA;

gi|194097410|ref|NM\_181724.2| Homo sapiens transmembrane protein 119 (TMEM119), mRNA;

gi|194097414|ref|NM\_000635.3| Homo sapiens regulatory factor X, 2 (influences HLA class II expression) (RFX2), mRNA;

gi|194097417|ref|NM\_176782.2| Homo sapiens family with sequence similarity 151, member A (FAM151A), mRNA;

gi|194097419|ref|NM\_001128326.2| Homo sapiens binder of sperm protein homolog 1 (BSPH1), mRNA;

gi|194097426|ref|NR\_003704.2| Homo sapiens small nucleolar RNA, H/ACA box 84 (SNORA84), small nucleolar RNA;

gi|194097427|ref|NM\_001130025.1| Homo sapiens family with sequence similarity 115, member C (FAM115C), mRNA;

gi|194097433|ref|NR\_003706.2| Homo sapiens small nucleolar RNA, H/ACA box 38B (retrotransposed) (SNORA38B), small nucleolar RNA;

gi|194097435|ref|NM\_001130028.1| Homo sapiens CDC-like kinase 3 (CLK3), transcript variant 1, mRNA; gi|194097439|ref|NM\_002847.3| Homo sapiens protein tyrosine phosphatase, receptor type, N polypeptide 1 (PTPRN), mRNA;

gi|194097443|ref|NR\_003707.2| Homo sapiens small nucleolar RNA, H/ACA box 70B (retrotransposed) (SNORA70B), small nucleolar RNA;

gi|194097444|ref|NM\_006742.2| Homo sapiens protein serine kinase H1 (PSKH1), mRNA;

gi|194097447|ref|NM\_001130029.1| Homo sapiens RELT-like 2 (RELL2), transcript variant 2, mRNA; gi|194097453|ref|NM\_182581.3| Homo sapiens chromosome 1 open reading frame 111 (C1orf111), mRNA;

gi|194097459|ref|NM\_001130032.1| Homo sapiens zinc finger protein 562 (ZNF562), transcript variant 2, mRNA;

gi|194097461|ref|NM\_178525.3| Homo sapiens actin-like 9 (ACTL9), mRNA;

gi|194097468|ref|NM\_001130034.1| Homo sapiens pleckstrin homology domain containing, family B (evening primrose) (PLEKH1B), mRNA;

gi|194097474|ref|NM\_182575.2| Homo sapiens izumo sperm-egg fusion 1 (IZUMO1), mRNA;

gi|194097476|ref|NM\_178864.3| Homo sapiens neuronal PAS domain protein 4 (NPAS4), mRNA;

gi|194097480|ref|NM\_020412.4| Homo sapiens charged multivesicular body protein 1B (CHMP1B), mRNA;

gi|194097481|ref|NM\_198271.3| Homo sapiens leiomodulin 3 (fetal) (LMOD3), mRNA;

gi|194097483|ref|NM\_001130037.1| Homo sapiens ELMO/CED-12 domain containing 1 (ELMOD1), transcript variant 1, mRNA;

gi|194097488|ref|NM\_007320.2| Homo sapiens RAN binding protein 3 (RANBP3), transcript variant RANBP3-1, mRNA;

gi|194239632|ref|NM\_001130058.1| Homo sapiens solute carrier family 44, member 5 (SLC44A5), transcript variant 1, mRNA;

gi|194239636|ref|NM\_003062.2| Homo sapiens slit homolog 3 (Drosophila) (SLIT3), mRNA;

gi|194239637|ref|NM\_152695.5| Homo sapiens zinc finger protein 449 (ZNF449), mRNA;

gi|194239639|ref|NM\_001130059.1| Homo sapiens activating transcription factor 7 (ATF7), transcript variant 1, mRNA;

gi|194239644|ref|NM\_182538.4| Homo sapiens spinster homolog 3 (Drosophila) (SPNS3), mRNA;

gi|194239646|ref|NM\_015564.2| Homo sapiens leucine rich repeat transmembrane neuronal 2 (LRRTM2), mRNA;

gi|194239656|ref|NM\_005952.3| Homo sapiens metallothionein 1X (MT1X), mRNA;

gi|194239657|ref|NR\_003929.2| Homo sapiens peptidylprolyl isomerase E-like pseudogene (PPIEL), non-coding RNA;

gi|194239658|ref|NM\_181719.4| Homo sapiens transmembrane and coiled-coil domains 4 (TMCO4), mRNA;

gi|194239660|ref|NM\_003029.4| Homo sapiens SHC (Src homology 2 domain containing) transforming protein 1 (SHC1), mRNA;

gi|194239665|ref|NM\_022767.3| Homo sapiens apoptosis enhancing nuclease (AEN), mRNA;

gi|194239669|ref|NR\_002979.2| Homo sapiens small nucleolar RNA, H/ACA box 49 (SNORA49), small nucleolar RNA;

gi|194239670|ref|NR\_003008.2| Homo sapiens small Cajal body-specific RNA 5 (SCARNA5), guide RNA;

gi|194239673|ref|NM\_001130042.1| Homo sapiens crystallin, zeta (quinone reductase) (CRYZ), transcript variant 1, mRNA;

gi|194239677|ref|NM\_153254.2| Homo sapiens tubulin tyrosine ligase-like family, member 10 (TTLL10), transcript variant 1, mRNA;

gi|194239679|ref|NR\_003369.2| Homo sapiens RNA polymerase I transcription factor homolog (S. cerevisiae) (TFIIIC), mRNA;



gi|194239682|ref|NM\_001037666.2| Homo sapiens GATS protein-like 3 (GATSL3), mRNA;

gi|194239685|ref|NM\_005069.3| Homo sapiens single-minded homolog 2 (Drosophila) (SIM2), transcript variant 1, mRNA;

gi|194239687|ref|NM\_001130046.1| Homo sapiens chemokine (C-C motif) ligand 20 (CCL20), transcript variant 1, mRNA;

gi|194239693|ref|NM\_145018.3| Homo sapiens chromosome 11 open reading frame 82 (C11orf82), mRNA;

gi|194239696|ref|NM\_006671.4| Homo sapiens solute carrier family 1 (glutamate transporter), member 7 (SLC7A7), mRNA;

gi|194239698|ref|NM\_152715.3| Homo sapiens tubulin folding cofactor E-like (TBCEL), transcript variant 1, mRNA;

gi|194239706|ref|NM\_001130049.1| Homo sapiens dedicator of cytokinesis 9 (DOCK9), transcript variant 3, mRNA;

gi|194239710|ref|NM\_133473.2| Homo sapiens zinc finger protein 431 (ZNF431), mRNA;

gi|194239712|ref|NM\_173800.4| Homo sapiens laeverin (AQPEP), mRNA;

gi|194239732|ref|NM\_004174.2| Homo sapiens solute carrier family 9, subfamily A (NHE3, cation proton antiporter) (NHE3), mRNA;

gi|194248048|ref|NM\_001683.3| Homo sapiens ATPase, Ca<sup>++</sup> transporting, plasma membrane 2 (ATP2B2), mRNA;

gi|194248049|ref|NM\_152605.3| Homo sapiens zinc finger protein 781 (ZNF781), mRNA;

gi|194248051|ref|NM\_001130063.1| Homo sapiens glutamate receptor, metabotropic 2 (GRM2), transcript variant 1, mRNA;

gi|194248053|ref|NM\_005528.3| Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 4 (DNAJC4), mRNA;

gi|194248054|ref|NM\_001076675.2| Homo sapiens zinc finger protein 626 (ZNF626), transcript variant 1, mRNA;

gi|194248055|ref|NM\_002045.3| Homo sapiens growth associated protein 43 (GAP43), transcript variant 2, mRNA;

gi|194248058|ref|NM\_018136.4| Homo sapiens asp (abnormal spindle) homolog, microcephaly associated (ASPH), mRNA;

gi|194248059|ref|NM\_024410.3| Homo sapiens outer dense fiber of sperm tails 1 (ODF1), mRNA;

gi|194248061|ref|NM\_004145.3| Homo sapiens myosin IXB (MYO9B), transcript variant 1, mRNA; gi|194272159|ref|NM\_003413.3| Homo sapiens Zic family member 3 (ZIC3), mRNA;

gi|194248066|ref|NM\_001037325.2| Homo sapiens centrosomal protein 112kDa (CEP112), transcript variant 1, mRNA;

gi|194248067|ref|NM\_006772.2| Homo sapiens synaptic Ras GTPase activating protein 1 (SYNGAP1), mRNA;

gi|194248071|ref|NM\_005345.5| Homo sapiens heat shock 70kDa protein 1A (HSPA1A), mRNA;

gi|194248075|ref|NM\_000322.4| Homo sapiens peripherin 2 (retinal degeneration, slow) (PRPH2), mRNA;

gi|194248076|ref|NM\_004235.4| Homo sapiens Kruppel-like factor 4 (gut) (KLF4), mRNA;

gi|194248078|ref|NM\_015271.3| Homo sapiens tripartite motif containing 2 (TRIM2), transcript variant 1, mRNA;

gi|194248096|ref|NM\_013333.3| Homo sapiens epsin 1 (EPN1), transcript variant 3, mRNA; gi|194248094|ref|NM\_001037325.2| Homo sapiens centrosomal protein 112kDa (CEP112), transcript variant 1, mRNA;

gi|194272159|ref|NM\_003413.3| Homo sapiens Zic family member 3 (ZIC3), mRNA;

gi|194272160|ref|NM\_002221.3| Homo sapiens inositol-trisphosphate 3-kinase B (ITPKB), mRNA;

gi|194272162|ref|NM\_172362.2| Homo sapiens potassium voltage-gated channel, subfamily H (eag-related) (KCNH2), mRNA;

gi|194272164|ref|NR\_002994.2| Homo sapiens small nucleolar RNA, H/ACA box 36B (SNORA36B), small nucleolar RNA;

gi|194272165|ref|NM\_016209.3| Homo sapiens trafficking protein particle complex 2-like (TRAPPC2L), mRNA;

gi|194272166|ref|NM\_020963.3| Homo sapiens Mov10, Moloney leukemia virus 10, homolog (mouse) (MOV10), mRNA;

gi|194272170|ref|NM\_001130080.1| Homo sapiens interferon, alpha-inducible protein 27 (IFI27), transcript variant 1, mRNA;

gi|194272178|ref|NM\_002673.4| Homo sapiens plexin B1 (PLXNB1), transcript variant 1, mRNA; gi|194272185|ref|NM\_015630.3| Homo sapiens enhancer of polycomb homolog 2 (Drosophila) (EPC2), mRNA;

gi|194272193|ref|NM\_016145.3| Homo sapiens WD repeat domain 83 opposite strand (WDR83OS), mRNA;

gi|194272203|ref|NM\_001130087.1| Homo sapiens actin binding LIM protein family, member 2 (ABLM2), transcript variant 1, mRNA;

gi|194272208|ref|NM\_005548.2| Homo sapiens lysyl-tRNA synthetase (KARS), transcript variant 2, mRNA; gi|194272213|ref|NM\_182520.2| Homo sapiens chromosome 22 open reading frame 15 (C22orf15), mRNA;

gi|194272225|ref|NM\_001130091.1| Homo sapiens leucine rich repeat containing 48 (LRRC48), transcript variant 1, mRNA;

gi|194294499|ref|NM\_005341.2| Homo sapiens zinc finger and BTB domain containing 48 (ZBTB48), mRNA;

gi|194294500|ref|NM\_173570.3| Homo sapiens zinc finger, DHHC-type containing 23 (ZDHHC23), mRNA;

gi|194294507|ref|NM\_001130099.1| Homo sapiens kinesin family member C3 (KIFC3), transcript variant 3, mRNA;

gi|194294512|ref|NM\_053006.4| Homo sapiens testis-specific serine kinase 2 (TSSK2), mRNA;

gi|194294515|ref|NM\_031913.3| Homo sapiens extended synaptotagmin-like protein 3 (ESYT3), mRNA;

gi|194294520|ref|NM\_006277.2| Homo sapiens intersectin 2 (ITSN2), transcript variant 1, mRNA; gi|194294536|ref|NM\_024036.4| Homo sapiens leucine rich repeat and fibronectin type III domain containing 1 (LRRN1), mRNA;

gi|194294545|ref|NM\_031361.2| Homo sapiens collagen, type IV, alpha 3 (Goodpasture antigen) binding pr  
gi|194294547|ref|NM\_001130106.1| Homo sapiens HSPA (heat shock 70kDa) binding protein, cytoplasmic  
gi|194294553|ref|NM\_015559.2| Homo sapiens SET binding protein 1 (SETBP1), transcript variant 1, mRNA  
gi|194294561|ref|NM\_176894.2| Homo sapiens purinergic receptor P2Y, G-protein coupled, 13 (P2RY13), n  
gi|194306536|ref|NM\_144594.2| Homo sapiens gametocyte specific factor 1 (GTSF1), mRNA;  
gi|194306538|ref|NM\_018043.5| Homo sapiens anoctamin 1, calcium activated chloride channel (ANO1), tr  
gi|194306563|ref|NM\_001130111.1| Homo sapiens family with sequence similarity 108, member A1 (FAM:  
gi|194306612|ref|NR\_024021.1| Homo sapiens ACYL3 pseudogene (LOC390858), non-coding RNA;  
gi|194306613|ref|NM\_006783.4| Homo sapiens gap junction protein, beta 6, 30kDa (GJB6), transcript varia  
gi|194306620|ref|NM\_001130137.1| Homo sapiens immunoglobulin superfamily containing leucine-rich re  
gi|194306626|ref|NM\_021804.2| Homo sapiens angiotensin I converting enzyme (peptidyl-dipeptidase A) 2  
gi|194306627|ref|NM\_022350.3| Homo sapiens endoplasmic reticulum aminopeptidase 2 (ERAP2), transcri  
gi|194306632|ref|NM\_001130141.1| Homo sapiens poly(rC) binding protein 3 (PCBP3), transcript variant 2,  
gi|194306634|ref|NM\_002667.3| Homo sapiens phospholamban (PLN), mRNA;  
gi|194306636|ref|NM\_022478.3| Homo sapiens cadherin 24, type 2 (CDH24), transcript variant 1, mRNA; gi  
gi|194306641|ref|NM\_017626.4| Homo sapiens DnaJ (Hsp40) homolog, subfamily B, member 12 (DNAJB12  
gi|194306643|ref|NM\_001130142.1| Homo sapiens von Willebrand factor A domain containing 5A (VWA5A  
gi|194306645|ref|NM\_017726.7| Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 14D (  
gi|194306656|ref|NM\_032358.3| Homo sapiens coiled-coil domain containing 77 (CCDC77), transcript varia  
gi|194328675|ref|NM\_207377.2| Homo sapiens translocase of outer mitochondrial membrane 20 homolog  
gi|194328681|ref|NM\_013438.4| Homo sapiens ubiquitin 1 (UBQLN1), transcript variant 1, mRNA; gi|19432  
gi|194328684|ref|NM\_001130158.1| Homo sapiens myosin IB (MYO1B), transcript variant 1, mRNA; gi|194  
gi|194328711|ref|NM\_001130168.1| Homo sapiens pregnancy specific beta-1-glycoprotein 8 (PSG8), trans  
gi|194328713|ref|NM\_001001709.2| Homo sapiens chromosome 9 open reading frame 170 (C9orf170), m  
gi|194328730|ref|NM\_173502.3| Homo sapiens protease, serine, 36 (PRSS36), mRNA;  
gi|194328731|ref|NM\_006748.3| Homo sapiens Src-like-adaptor (SLA), transcript variant 3, mRNA; gi|1943  
gi|194328735|ref|NM\_133325.2| Homo sapiens PHD finger protein 10 (PHF10), transcript variant 2, mRNA;  
gi|194328737|ref|NM\_015202.2| Homo sapiens KIAA0556 (KIAA0556), mRNA;  
gi|194328741|ref|NM\_001520.3| Homo sapiens general transcription factor IIIC, polypeptide 1, alpha 220k  
gi|194328761|ref|NM\_001130183.1| Homo sapiens DnaJ (Hsp40) homolog, subfamily A, member 4 (DNAJA  
gi|194328776|ref|NM\_020367.4| Homo sapiens poly (ADP-ribose) polymerase family, member 11 (PARP11  
gi|194328778|ref|NM\_020437.4| Homo sapiens aspartate beta-hydroxylase domain containing 2 (ASPHD2)  
gi|194328782|ref|NM\_020653.2| Homo sapiens zinc finger protein 287 (ZNF287), mRNA;  
gi|194328796|ref|NM\_020781.3| Homo sapiens zinc finger protein 398 (ZNF398), transcript variant 2, mRN  
gi|194353945|ref|NM\_021193.3| Homo sapiens homeobox D12 (HOXD12), mRNA;  
gi|194353947|ref|NM\_198441.2| Homo sapiens proline rich 20A (PRR20A), mRNA;  
gi|194353948|ref|NM\_001130404.1| Homo sapiens proline rich 20B (PRR20B), mRNA;  
gi|194353950|ref|NM\_001130405.1| Homo sapiens proline rich 20C (PRR20C), mRNA;  
gi|194353952|ref|NM\_001130406.1| Homo sapiens proline rich 20D (PRR20D), mRNA;  
gi|194353954|ref|NM\_001130407.1| Homo sapiens proline rich 20E (PRR20E), mRNA;  
gi|194353958|ref|NM\_004570.4| Homo sapiens phosphoinositide-3-kinase, class 2, gamma polypeptide (PI  
gi|194353963|ref|NM\_001017437.2| Homo sapiens coiled-coil domain containing 157 (CCDC157), mRNA;  
gi|194353965|ref|NM\_001370.1| Homo sapiens dynein, axonemal, heavy chain 6 (DNAH6), mRNA;  
gi|194353967|ref|NM\_153714.2| Homo sapiens chromosome 10 open reading frame 67 (C10orf67), mRNA  
gi|194353969|ref|NM\_000681.3| Homo sapiens adrenergic, alpha-2A-, receptor (ADRA2A), mRNA;  
gi|194353975|ref|NM\_178548.3| Homo sapiens transcription factor AP-2 epsilon (activating enhancer bindi  
gi|194353978|ref|NM\_001130410.1| Homo sapiens acetyl-CoA acyltransferase 1 (ACAA1), transcript varian

gi|194353986|ref|NM\_001163.3| Homo sapiens amyloid beta (A4) precursor protein-binding, family A, member 1 (APPB1), mRNA;  
 gi|194353991|ref|NM\_001130414.1| Homo sapiens amyloid beta (A4) precursor protein-binding, family A, member 2 (APPB2), mRNA;  
 gi|194354005|ref|NM\_001024679.2| Homo sapiens chromosome 1 open reading frame 68 (C1orf68), mRNA;  
 gi|194363728|ref|NR\_015404.1| Homo sapiens chromosome 12 open reading frame 47 (C12orf47), non-coding RNA;  
 gi|194363729|ref|NM\_174945.2| Homo sapiens zinc finger protein 575 (ZNF575), mRNA;  
 gi|194363751|ref|NM\_139067.2| Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of chromatin subfamily I member 1 (SMAD1), mRNA;  
 gi|194363754|ref|NM\_000852.3| Homo sapiens glutathione S-transferase pi 1 (GSTP1), mRNA;  
 gi|194363756|ref|NM\_001513.3| Homo sapiens glutathione transferase zeta 1 (GSTZ1), transcript variant 3 (GSTZ1-3), mRNA;  
 gi|194363759|ref|NM\_003133.5| Homo sapiens signal recognition particle 9kDa (SRP9), transcript variant 2 (SRP9-2), mRNA;  
 gi|194363767|ref|NM\_014213.3| Homo sapiens homeobox D9 (HOXD9), mRNA;  
 gi|194363770|ref|NM\_001130445.1| Homo sapiens sperm specific antigen 2 (SSFA2), transcript variant 1, non-coding RNA;  
 gi|194394138|ref|NM\_178493.5| Homo sapiens notum pectinacetyltransferase homolog (Drosophila) (NOTUM), mRNA;  
 gi|194394140|ref|NM\_014825.2| Homo sapiens URB1 ribosome biogenesis 1 homolog (S. cerevisiae) (URB1), mRNA;  
 gi|194394142|ref|NM\_021784.4| Homo sapiens forkhead box A2 (FOXA2), transcript variant 1, mRNA; gi|194394145|ref|NM\_139159.4| Homo sapiens dipeptidyl-peptidase 9 (DPP9), mRNA;  
 gi|194394157|ref|NM\_145201.4| Homo sapiens nicotinate phosphoribosyltransferase domain containing 1 (NPTDC1), mRNA;  
 gi|194394160|ref|NM\_153260.2| Homo sapiens leucine rich repeat containing 57 (LRRC57), mRNA;  
 gi|194394164|ref|NM\_024928.4| Homo sapiens oligonucleotide/oligosaccharide-binding fold containing 1 (OLBF1), mRNA;  
 gi|194394167|ref|NM\_001130447.1| Homo sapiens HAUS augmin-like complex, subunit 2 (HAUS2), transcript variant 1 (HAUS2-1), mRNA;  
 gi|194394173|ref|NM\_006900.3| Homo sapiens interferon, alpha 13 (IFNA13), mRNA;  
 gi|194394211|ref|NR\_024031.1| Homo sapiens differentiation antagonizing non-protein coding RNA (DANC), non-coding RNA;  
 gi|194394217|ref|NR\_024032.1| Homo sapiens long intergenic non-protein coding RNA 474 (LINC00474), non-coding RNA;  
 gi|194394228|ref|NR\_024034.1| Homo sapiens KIAA0664-like 3 (KIAA0664L3), non-coding RNA;  
 gi|194394229|ref|NM\_003313.3| Homo sapiens tissue specific transplantation antigen P35B (TSTA3), mRNA;  
 gi|194394235|ref|NR\_024035.1| Homo sapiens acetoacetyl-CoA synthetase pseudogene 1 (AACSP1), non-coding RNA;  
 gi|194394236|ref|NM\_007127.2| Homo sapiens villin 1 (VIL1), mRNA;  
 gi|194440659|ref|NM\_007027.3| Homo sapiens topoisomerase (DNA) II binding protein 1 (TOPBP1), mRNA;  
 gi|194440672|ref|NM\_182529.2| Homo sapiens THAP domain containing 5 (THAP5), transcript variant 2, mRNA;  
 gi|194440684|ref|NM\_001001412.3| Homo sapiens calcium homeostasis modulator 1 (CALHM1), mRNA;  
 gi|194440688|ref|NM\_006064.4| Homo sapiens Ras-related GTP binding B (RRAGB), transcript variant RAG1 (RRAGB-RAG1), mRNA;  
 gi|194440718|ref|NM\_138481.1| Homo sapiens chondroadherin-like (CHADL), mRNA;  
 gi|194440723|ref|NR\_024037.1| Homo sapiens rhabdomyosarcoma 2 associated transcript (non-protein coding) (R2AT), non-coding RNA;  
 gi|194440730|ref|NR\_002332.1| Homo sapiens ST7 overlapping transcript 3 (non-protein coding) (ST7-OT3), non-coding RNA;  
 gi|194440735|ref|NM\_000307.3| Homo sapiens POU class 3 homeobox 4 (POU3F4), mRNA;  
 gi|194440740|ref|NM\_001040667.2| Homo sapiens heat shock transcription factor 4 (HSF4), transcript variant 1 (HSF4-1), mRNA;  
 gi|194473672|ref|NM\_001130514.1| Homo sapiens chromosome 19 open reading frame 69 (C19orf69), mRNA;  
 gi|194473682|ref|NM\_001130518.1| Homo sapiens chondroitin sulfate N-acetylgalactosaminyltransferase 1 (CHST1), mRNA;  
 gi|194473690|ref|NM\_152924.4| Homo sapiens abhydrolase domain containing 2 (ABHD2), transcript variant 1 (ABHD2-1), mRNA;  
 gi|194473692|ref|NM\_138340.4| Homo sapiens abhydrolase domain containing 3 (ABHD3), mRNA;  
 gi|194473706|ref|NM\_016654.4| Homo sapiens GA binding protein transcription factor, beta subunit 1 (GABPB1), mRNA;  
 gi|194473709|ref|NM\_004951.4| Homo sapiens G protein-coupled receptor 183 (GPR183), mRNA;  
 gi|194473711|ref|NM\_017570.3| Homo sapiens 5-oxoprolinase (ATP-hydrolysing) (OPLAH), mRNA;  
 gi|194473713|ref|NM\_020169.3| Homo sapiens latexin (LXN), mRNA;  
 gi|194473721|ref|NM\_000956.3| Homo sapiens prostaglandin E receptor 2 (subtype EP2), 53kDa (PTGER2), mRNA;  
 gi|194473722|ref|NM\_032493.3| Homo sapiens adaptor-related protein complex 1, mu 1 subunit (AP1M1), mRNA;  
 gi|194473732|ref|NM\_003082.3| Homo sapiens small nuclear RNA activating complex, polypeptide 1, 43kDa (SNRNP43), mRNA;  
 gi|194473734|ref|NM\_181054.2| Homo sapiens hypoxia inducible factor 1, alpha subunit (basic helix-loop-helix) (HIF1A), mRNA;

gi|194473737|ref|NR\_002937.2| Homo sapiens immunoglobulin (CD79A) binding protein 1 pseudogene 1 (I  
gi|194473999|ref|NM\_018353.4| Homo sapiens MIS18 binding protein 1 (MIS18BP1), mRNA;  
gi|194578874|ref|NM\_020202.4| Homo sapiens nitrilase family, member 2 (NIT2), mRNA;  
gi|194578880|ref|NM\_015429.3| Homo sapiens ABI family, member 3 (NESH) binding protein (ABI3BP), mR  
gi|194578881|ref|NM\_001263.3| Homo sapiens CDP-diacylglycerol synthase (phosphatidate cytidyltransferase)  
gi|194578886|ref|NM\_004362.2| Homo sapiens calmeglin (CLGN), transcript variant 1, mRNA; gi|194578888  
gi|194578889|ref|NM\_000788.2| Homo sapiens deoxycytidine kinase (DCK), mRNA;  
gi|194578890|ref|NM\_032604.3| Homo sapiens abhydrolase domain containing 1 (ABHD1), mRNA;  
gi|194578892|ref|NM\_138287.3| Homo sapiens deltex 3-like (Drosophila) (DTX3L), mRNA;  
gi|194578894|ref|NR\_002824.3| Homo sapiens hect domain and RLD 2 pseudogene 2 (HERC2P2), non-coding  
gi|194578897|ref|NM\_001130677.1| Homo sapiens chromosome 17 open reading frame 96 (C17orf96), mRNA;  
gi|194578900|ref|NM\_139012.2| Homo sapiens mitogen-activated protein kinase 14 (MAPK14), transcript variant 1  
gi|194578903|ref|NM\_022566.2| Homo sapiens mesoderm development candidate 1 (MESDC1), mRNA;  
gi|194578905|ref|NM\_001968.3| Homo sapiens eukaryotic translation initiation factor 4E (EIF4E), transcript variant 1  
gi|194578911|ref|NM\_005715.2| Homo sapiens uronyl-2-sulfotransferase (UST), mRNA;  
gi|194578912|ref|NM\_006416.4| Homo sapiens solute carrier family 35 (CMP-sialic acid transporter), member 1  
gi|194578913|ref|NM\_006149.3| Homo sapiens lectin, galactoside-binding, soluble, 4 (LGALS4), mRNA;  
gi|194595468|ref|NR\_024041.1| Homo sapiens centrin EF-hand protein 4, pseudogene (CETN4P), non-coding  
gi|194595483|ref|NR\_002916.2| Homo sapiens small nucleolar RNA, C/D box 8 (SNORD8), small nucleolar RNA  
gi|194595484|ref|NM\_017769.3| Homo sapiens G2/M-phase specific E3 ubiquitin protein ligase (G2E3), mRNA;  
gi|194595491|ref|NM\_001099435.2| Homo sapiens speedy homolog E5 (Xenopus laevis) (SPDYE5), mRNA;  
gi|194595495|ref|NR\_024042.1| Homo sapiens guanylate cyclase 2E (GUCY2E), non-coding RNA;  
gi|194595496|ref|NM\_022123.2| Homo sapiens neuronal PAS domain protein 3 (NPAS3), transcript variant 1  
gi|194595498|ref|NM\_012318.2| Homo sapiens leucine zipper-EF-hand containing transmembrane protein  
gi|194595502|ref|NM\_006714.3| Homo sapiens sphingomyelin phosphodiesterase, acid-like 3A (SMPDL3A)  
gi|194595504|ref|NR\_004422.2| Homo sapiens human papillomavirus (type 18) E5 central sequence-like 1  
gi|194595507|ref|NM\_006813.2| Homo sapiens proline-rich nuclear receptor coactivator 1 (PNRC1), mRNA  
gi|194688129|ref|NM\_003378.3| Homo sapiens VGF nerve growth factor inducible (VGF), mRNA;  
gi|194688130|ref|NM\_004274.4| Homo sapiens A kinase (PRKA) anchor protein 6 (AKAP6), mRNA;  
gi|194688132|ref|NM\_001130688.1| Homo sapiens high mobility group box 2 (HMGB2), transcript variant 1  
gi|194688136|ref|NM\_002358.3| Homo sapiens MAD2 mitotic arrest deficient-like 1 (yeast) (MAD2L1), mRNA  
gi|194688137|ref|NM\_001042507.3| Homo sapiens lectin, galactoside-binding, soluble, 7B (LGALS7B), mRNA  
gi|194688138|ref|NM\_002307.3| Homo sapiens lectin, galactoside-binding, soluble, 7 (LGALS7), mRNA;  
gi|194688139|ref|NM\_024713.2| Homo sapiens chromosome 15 open reading frame 29 (C15orf29), mRNA  
gi|194688140|ref|NM\_014936.4| Homo sapiens ectonucleotide pyrophosphatase/phosphodiesterase 4 (pu  
gi|194688141|ref|NM\_001080837.2| Homo sapiens SEBOX homeobox (SEBOX), mRNA;  
gi|194688144|ref|NM\_015050.2| Homo sapiens FtsJ methyltransferase domain containing 2 (FTSJD2), mRNA  
gi|194688148|ref|NM\_001130692.1| Homo sapiens protein phosphatase 3, catalytic subunit, alpha isoform  
gi|194688153|ref|NM\_080683.2| Homo sapiens protein tyrosine phosphatase, non-receptor type 13 (APO-  
gi|194733729|ref|NM\_015323.4| Homo sapiens UFM1-specific ligase 1 (UFL1), mRNA;  
gi|194733730|ref|NM\_002993.3| Homo sapiens chemokine (C-X-C motif) ligand 6 (granulocyte chemotactic  
gi|194733733|ref|NM\_003305.2| Homo sapiens transient receptor potential cation channel, subfamily C, member 1  
gi|194733736|ref|NM\_021833.4| Homo sapiens uncoupling protein 1 (mitochondrial, proton carrier) (UCP1  
gi|194733739|ref|NR\_024043.1| Homo sapiens lectin, galactoside-binding, soluble, 9 (LGALS9), transcript variant 1  
gi|194733740|ref|NM\_003382.4| Homo sapiens vasoactive intestinal peptide receptor 2 (VIPR2), mRNA;  
gi|194733744|ref|NM\_012479.3| Homo sapiens tyrosine 3-monooxygenase/tryptophan 5-monooxygenase  
gi|194733750|ref|NM\_152447.3| Homo sapiens leucine rich repeat and fibronectin type III domain containing

gi|194733752|ref|NM\_001130700.1| Homo sapiens interaction protein for cytohesin exchange factors 1 (IP  
gi|194733754|ref|NM\_006092.2| Homo sapiens nucleotide-binding oligomerization domain containing 1 (N  
gi|194733758|ref|NM\_001130701.1| Homo sapiens serine/threonine/tyrosine interacting protein (STYX), tr  
gi|194733760|ref|NM\_016006.4| Homo sapiens abhydrolase domain containing 5 (ABHD5), mRNA;  
gi|194733763|ref|NM\_012297.4| Homo sapiens GTPase activating protein (SH3 domain) binding protein 2 (  
gi|194733764|ref|NM\_198066.3| Homo sapiens glucosamine-phosphate N-acetyltransferase 1 (GNPNAT1),  
gi|194733765|ref|NM\_006419.2| Homo sapiens chemokine (C-X-C motif) ligand 13 (CXCL13), mRNA;  
gi|194733766|ref|NM\_003474.4| Homo sapiens ADAM metallopeptidase domain 12 (ADAM12), transcript v  
gi|194733768|ref|NR\_024045.1| Homo sapiens retinoic acid early transcript 1K pseudogene (RAET1K), non-  
gi|195222723|ref|NM\_014344.3| Homo sapiens four jointed box 1 (Drosophila) (FJX1), mRNA;  
gi|195222724|ref|NM\_001130711.1| Homo sapiens C-type lectin domain family 2, member A (CLEC2A), mR  
gi|195222728|ref|NM\_017943.3| Homo sapiens F-box protein 34 (FBXO34), transcript variant 1, mRNA; gi|  
gi|195222738|ref|NM\_000166.5| Homo sapiens gap junction protein, beta 1, 32kDa (GJB1), transcript varia  
gi|195222739|ref|NM\_001130716.1| Homo sapiens placenta-specific 8 (PLAC8), transcript variant 1, mRNA  
gi|195222743|ref|NR\_024052.1| Homo sapiens HLA complex group 18 (non-protein coding) (HCG18), non-c  
gi|195222745|ref|NM\_018290.3| Homo sapiens phosphoglucomutase 2 (PGM2), mRNA;  
gi|195230750|ref|NR\_024046.1| Homo sapiens neurotrophin receptor associated death domain, pseudoge  
gi|195230751|ref|NR\_024047.1| Homo sapiens wingless-type MMTV integration site family member 2 (WN  
gi|195232755|ref|NM\_006439.4| Homo sapiens mab-21-like 2 (C. elegans) (MAB21L2), mRNA;  
gi|195232757|ref|NM\_014269.4| Homo sapiens ADAM metallopeptidase domain 29 (ADAM29), transcript v  
gi|195232766|ref|NM\_181311.2| Homo sapiens tafazzin (TAZ), nuclear gene encoding mitochondrial protei  
gi|195233773|ref|NM\_021944.2| Homo sapiens chromosome 14 open reading frame 93 (C14orf93), transc  
gi|195234777|ref|NM\_005423.4| Homo sapiens trefoil factor 2 (TFF2), mRNA;  
gi|195234780|ref|NM\_007270.3| Homo sapiens FK506 binding protein 9, 63 kDa (FKBP9), mRNA;  
gi|195234783|ref|NM\_003122.3| Homo sapiens serine peptidase inhibitor, Kazal type 1 (SPINK1), mRNA;  
gi|195234784|ref|NM\_000117.2| Homo sapiens emerin (EMD), mRNA;  
gi|195234785|ref|NM\_001037442.2| Homo sapiens RUN and FYVE domain containing 3 (RUFY3), transcript  
gi|19528653|ref|NM\_007051.2| Homo sapiens Fas (TNFRSF6) associated factor 1 (FAF1), mRNA;  
gi|195539322|ref|NM\_012322.2| Homo sapiens LSM5 homolog, U6 small nuclear RNA associated (S. cerevi  
gi|195539323|ref|NR\_024049.1| Homo sapiens breast cancer anti-estrogen resistance 4 (non-protein codin  
gi|195539328|ref|NM\_198686.2| Homo sapiens RAB15, member RAS oncogene family (RAB15), mRNA;  
gi|195539329|ref|NM\_004004.5| Homo sapiens gap junction protein, beta 2, 26kDa (GJB2), mRNA;  
gi|195539330|ref|NM\_018342.4| Homo sapiens transmembrane protein 144 (TMEM144), mRNA;  
gi|195539333|ref|NM\_018176.3| Homo sapiens leucine-rich repeat LGI family, member 2 (LGI2), mRNA;  
gi|195539338|ref|NM\_018475.3| Homo sapiens transmembrane protein 165 (TMEM165), mRNA;  
gi|195539342|ref|NM\_001130721.1| Homo sapiens ELOVL fatty acid elongase 6 (ELOVL6), transcript varian  
gi|195539345|ref|NM\_030821.4| Homo sapiens phospholipase A2, group XIA (PLA2G12A), mRNA;  
gi|195539351|ref|NM\_031291.2| Homo sapiens solute carrier family 25 (mitochondrial carrier; adenine nuc  
gi|195539353|ref|NM\_032128.3| Homo sapiens solute carrier family 10 (sodium/bile acid cotransporter far  
gi|195539354|ref|NM\_002797.3| Homo sapiens proteasome (prosome, macropain) subunit, beta type, 5 (P  
gi|195539358|ref|NM\_001037967.3| Homo sapiens aminolevulinate, delta-, synthase 2 (ALAS2), nuclear ge  
gi|195539360|ref|NM\_032557.5| Homo sapiens ubiquitin specific peptidase 38 (USP38), mRNA;  
gi|195539365|ref|NM\_003861.2| Homo sapiens DDB1 and CUL4 associated factor 5 (DCAF5), nuclear gene  
gi|195539369|ref|NR\_003130.2| Homo sapiens heat shock protein 90kDa beta (Grp94), member 3, pseudo  
gi|195539370|ref|NR\_003135.2| Homo sapiens centrosomal protein 170kDa pseudogene 1 (CEP170P1), no  
gi|195539371|ref|NM\_007038.3| Homo sapiens ADAM metallopeptidase with thrombospondin type 1 mot  
gi|195539373|ref|NM\_145048.3| Homo sapiens PARK2 co-regulated-like (PACRGL), transcript variant 1, mR

gi|195539376|ref|NR\_003263.2| Homo sapiens succinate dehydrogenase complex, subunit A, flavoprotein |

gi|195539377|ref|NM\_153343.3| Homo sapiens ectonucleotide pyrophosphatase/phosphodiesterase 6 (EN

gi|195539378|ref|NR\_003264.2| Homo sapiens succinate dehydrogenase complex, subunit A, flavoprotein |

gi|195539381|ref|NR\_003266.2| Homo sapiens succinate dehydrogenase complex, subunit A, flavoprotein |

gi|195539382|ref|NM\_144979.3| Homo sapiens RNA binding motif protein 46 (RBM46), mRNA;

gi|195539383|ref|NM\_005733.2| Homo sapiens kinesin family member 20A (KIF20A), mRNA;

gi|195539386|ref|NR\_003655.2| Homo sapiens polymerase (RNA) II (DNA directed) polypeptide J4, pseudo

gi|195539387|ref|NM\_020801.2| Homo sapiens arrestin domain containing 3 (ARRDC3), mRNA;

gi|195539388|ref|NR\_003676.2| Homo sapiens otoancorin pseudogene (LOC653786), non-coding RNA;

gi|195539393|ref|NM\_006681.2| Homo sapiens neuromedin U (NMU), mRNA;

gi|195539394|ref|NM\_002806.3| Homo sapiens proteasome (prosome, macropain) 26S subunit, ATPase, 6

gi|195546779|ref|NM\_002253.2| Homo sapiens kinase insert domain receptor (a type III receptor tyrosine

gi|195546893|ref|NM\_001130822.1| Homo sapiens RAB, member RAS oncogene family-like 5 (RABL5), trar

gi|195546898|ref|NM\_001111020.2| Homo sapiens suppressor of Ty 5 homolog (S. cerevisiae) (SUPT5H), tr

gi|195546908|ref|NR\_024058.1| Homo sapiens tyrosine 3-monooxygenase/tryptophan 5-monooxygenase ;

gi|195546914|ref|NM\_001044369.2| Homo sapiens family with sequence similarity 69, member C (FAM69C

gi|195546923|ref|NM\_002298.4| Homo sapiens lymphocyte cytosolic protein 1 (L-plastin) (LCP1), mRNA;

gi|195546924|ref|NM\_001290.3| Homo sapiens LIM domain binding 2 (LDB2), transcript variant 1, mRNA; g

gi|19557649|ref|NM\_021052.2| Homo sapiens histone cluster 1, H2ae (HIST1H2AE), mRNA;

gi|19557652|ref|NM\_021065.2| Homo sapiens histone cluster 1, H2ad (HIST1H2AD), mRNA;

gi|19557655|ref|NM\_003513.2| Homo sapiens histone cluster 1, H2ab (HIST1H2AB), mRNA;

gi|19557683|ref|NM\_003172.2| Homo sapiens surfait 1 (SURF1), nuclear gene encoding mitochondrial prot

gi|195927008|ref|NM\_052814.3| Homo sapiens caspase recruitment domain family, member 9 (CARD9), tr

gi|195927016|ref|NM\_001130848.1| Homo sapiens phosphatidylinositol transfer protein, membrane-assoc

gi|195927018|ref|NM\_016289.3| Homo sapiens calcium binding protein 39 (CAB39), transcript variant 1, m

gi|195927024|ref|NM\_001130851.1| Homo sapiens cyclin-dependent kinase inhibitor 3 (CDKN3), transcript

gi|195927026|ref|NM\_012116.3| Homo sapiens Cbl proto-oncogene, E3 ubiquitin protein ligase C (CBLC), tr

gi|195927031|ref|NR\_024061.1| Homo sapiens loss of heterozygosity, 12, chromosomal region 2 (LOH12CF

gi|195927032|ref|NR\_024062.1| Homo sapiens ubiquitin-conjugating enzyme E2D N-terminal like (pseudog

gi|195927033|ref|NR\_024063.1| Homo sapiens zinc finger and SCAN domain containing 12 pseudogene 1 (Z

gi|195927034|ref|NR\_002184.2| Homo sapiens ribosomal RNA processing 7 homolog B (S. cerevisiae) (RRP7

gi|195927036|ref|NM\_001130823.1| Homo sapiens DNA (cytosine-5-)-methyltransferase 1 (DNMT1), trans

gi|195927043|ref|NM\_001130841.1| Homo sapiens RNA 3'-terminal phosphate cyclase (RTCA), transcript v

gi|195927045|ref|NM\_020652.2| Homo sapiens zinc finger protein 286A (ZNF286A), transcript variant 1, m

gi|195927049|ref|NM\_030590.2| Homo sapiens matrilin 4 (MATN4), transcript variant 2, mRNA; gi|195927

gi|195927055|ref|NM\_138775.2| Homo sapiens alkB, alkylation repair homolog 8 (E. coli) (ALKBH8), mRNA;

gi|195927057|ref|NR\_003265.3| Homo sapiens succinate dehydrogenase complex, subunit A, flavoprotein |

gi|195927058|ref|NM\_004655.3| Homo sapiens axin 2 (AXIN2), mRNA;

gi|195927064|ref|NM\_207123.2| Homo sapiens GRB2-associated binding protein 1 (GAB1), transcript varia

gi|19593984|ref|NM\_033161.2| Homo sapiens surfait 4 (SURF4), mRNA;

gi|195947345|ref|NR\_024059.1| Homo sapiens MER1 repeat containing imprinted transcript 1 (non-protein

gi|195947346|ref|NM\_000168.5| Homo sapiens GLI family zinc finger 3 (GLI3), mRNA;

gi|195947373|ref|NM\_001130861.1| Homo sapiens claudin 5 (CLDN5), transcript variant 1, mRNA; gi|1959

gi|195947375|ref|NM\_207426.2| Homo sapiens forkhead box I2 (FOXI2), mRNA;

gi|195947377|ref|NM\_207321.2| Homo sapiens chromosome 10 open reading frame 129 (C10orf129), mRI

gi|195947380|ref|NM\_005211.3| Homo sapiens colony stimulating factor 1 receptor (CSF1R), mRNA;

gi|195947381|ref|NM\_178314.3| Homo sapiens Rab interacting lysosomal protein-like 1 (RILPL1), mRNA;

gi|195947385|ref|NM\_052927.2| Homo sapiens PWWP domain containing 2A (PWWP2A), transcript variant 1, mRNA;

gi|195947392|ref|NM\_006479.4| Homo sapiens RAD51 associated protein 1 (RAD51AP1), transcript variant 1, mRNA;

gi|195947399|ref|NM\_153757.2| Homo sapiens nucleosome assembly protein 1-like 5 (NAP1L5), mRNA;

gi|195947402|ref|NM\_000021.3| Homo sapiens presenilin 1 (PSEN1), transcript variant 1, mRNA; gi|195947406|ref|NM\_001130867.1| Homo sapiens excision repair cross-complementing rodent repair deficiency 1 (XRCC1), mRNA;

gi|195947408|ref|NR\_024066.1| Homo sapiens CLRN1 antisense RNA 1 (non-protein coding) (CLRN1-AS1), mRNA;

gi|195963391|ref|NM\_021141.3| Homo sapiens X-ray repair complementing defective repair in Chinese hamster ovary cells 1 (XRCC1), mRNA;

gi|195963396|ref|NM\_006704.3| Homo sapiens SGT1, suppressor of G2 allele of SKP1 (*S. cerevisiae*) (SUGT1), mRNA;

gi|195963400|ref|NM\_005359.5| Homo sapiens SMAD family member 4 (SMAD4), mRNA;

gi|195963401|ref|NM\_003326.3| Homo sapiens tumor necrosis factor (ligand) superfamily, member 4 (TNF), mRNA;

gi|195963402|ref|NM\_001130913.1| Homo sapiens zinc finger protein 720 (ZNF720), mRNA;

gi|195963404|ref|NM\_006806.4| Homo sapiens BTG family, member 3 (BTG3), transcript variant 2, mRNA;

gi|195963408|ref|NM\_018946.3| Homo sapiens N-acetylneuraminic acid synthase (NANS), mRNA;

gi|195963409|ref|NM\_001130915.1| Homo sapiens MEF2 activating motif and SAP domain containing transcript 1 (MEF2AM), mRNA;

gi|195963411|ref|NM\_001130916.1| Homo sapiens transforming growth factor, beta receptor 1 (TGFB1), mRNA;

gi|195963417|ref|NM\_001130918.1| Homo sapiens tubulin tyrosine ligase-like family, member 6 (TTLL6), transcript variant 1, mRNA;

gi|195963419|ref|NM\_012393.2| Homo sapiens phosphoribosylformylglycinamidine synthase (PFAS), mRNA;

gi|195963428|ref|NM\_001130923.1| Homo sapiens RAB, member of RAS oncogene family-like 2B (RABL2B), mRNA;

gi|195963434|ref|NM\_001130929.1| Homo sapiens chromosome 7 open reading frame 73 (C7orf73), nucleotide sequence, mRNA;

gi|195972796|ref|NM\_001130917.1| Homo sapiens leukocyte immunoglobulin-like receptor, subfamily A (LILRA), mRNA;

gi|195972798|ref|NM\_005587.2| Homo sapiens myocyte enhancer factor 2A (MEF2A), transcript variant 1, mRNA;

gi|195972856|ref|NM\_001130955.1| Homo sapiens Rho/Rac guanine nucleotide exchange factor (GEF) 18 (GEF18), mRNA;

gi|195972861|ref|NM\_001130957.1| Homo sapiens chromosome 1 open reading frame 101 (C1orf101), transcript variant 1, mRNA;

gi|195972865|ref|NM\_000421.3| Homo sapiens keratin 10 (KRT10), mRNA;

gi|195972869|ref|NM\_014996.2| Homo sapiens phospholipase C, eta 1 (PLCH1), transcript variant 2, mRNA;

gi|195972880|ref|NM\_001130963.1| Homo sapiens transmembrane protein 194A (TMEM194A), transcript variant 1, mRNA;

gi|195972884|ref|NM\_006225.3| Homo sapiens phospholipase C, delta 1 (PLCD1), transcript variant 2, mRNA;

gi|195972885|ref|NM\_014991.4| Homo sapiens WD repeat and FYVE domain containing 3 (WDFY3), mRNA;

gi|195972891|ref|NM\_174912.3| Homo sapiens fatty acid amide hydrolase 2 (FAAH2), mRNA;

gi|195972893|ref|NM\_152764.2| Homo sapiens chromosome 16 open reading frame 73 (C16orf73), transcript variant 1, mRNA;

gi|195976767|ref|NM\_001647.3| Homo sapiens apolipoprotein D (APOD), mRNA;

gi|195976770|ref|NM\_013324.5| Homo sapiens cytokine inducible SH2-containing protein (CISH), transcript variant 1, mRNA;

gi|195976776|ref|NM\_001130986.1| Homo sapiens dysferlin, limb girdle muscular dystrophy 2B (autosomal recessive) (DYSF), mRNA;

gi|195976780|ref|NM\_005201.3| Homo sapiens chemokine (C-C motif) receptor 8 (CCR8), mRNA;

gi|195976781|ref|NM\_015138.4| Homo sapiens Rtf1, Paf1/RNA polymerase II complex component, homolog 1 (RTF1), mRNA;

gi|195976791|ref|NM\_175725.2| Homo sapiens interleukin 5 receptor, alpha (IL5RA), transcript variant 3, mRNA;

gi|195976795|ref|NM\_004061.3| Homo sapiens cadherin 12, type 2 (N-cadherin 2) (CDH12), mRNA;

gi|195976796|ref|NM\_006241.4| Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 2 (PPP1R1), mRNA;

gi|195976803|ref|NM\_016152.3| Homo sapiens retinoic acid receptor, beta (RAR $\beta$ ), transcript variant 2, mRNA;

gi|195976804|ref|NM\_001130991.1| Homo sapiens hypoxia up-regulated 1 (HYOU1), transcript variant 2, mRNA;

gi|195976810|ref|NM\_001130993.1| Homo sapiens retinol binding protein 1, cellular (RBP1), transcript variant 1, mRNA;

gi|195976814|ref|NM\_152653.3| Homo sapiens ubiquitin-conjugating enzyme E2E 2 (UBE2E2), mRNA;

gi|195976815|ref|NM\_014211.2| Homo sapiens gamma-aminobutyric acid (GABA) A receptor,  $\rho$ 1 (GABRP), mRNA;

gi|196049370|ref|NM\_004162.4| Homo sapiens RAB5A, member RAS oncogene family (RAB5A), mRNA;

gi|196049377|ref|NM\_017646.4| Homo sapiens tRNA isopentenyltransferase 1 (TRIT1), mRNA;

gi|196049379|ref|NM\_001130996.1| Homo sapiens 3-hydroxy-3-methylglutaryl-CoA reductase (HMGCR), transcript variant 1, mRNA;

gi|196049383|ref|NM\_001130997.1| Homo sapiens family with sequence similarity 58, member A (FAM58A), mRNA;

gi|196049385|ref|NM\_001543.4| Homo sapiens N-deacetylase/N-sulfotransferase (heparan glucosaminyl) :

gi|196049386|ref|NM\_002198.2| Homo sapiens interferon regulatory factor 1 (IRF1), mRNA;

gi|196049387|ref|NM\_014713.4| Homo sapiens lysosomal protein transmembrane 4 alpha (LAPTM4A), mR

gi|196049393|ref|NM\_002007.2| Homo sapiens fibroblast growth factor 4 (FGF4), mRNA;

gi|196114948|ref|NM\_001131007.1| Homo sapiens KIAA0922 (KIAA0922), transcript variant 1, mRNA; gi|1

gi|196114960|ref|NM\_000286.2| Homo sapiens peroxisomal biogenesis factor 12 (PEX12), mRNA;

gi|196114969|ref|NM\_001131009.1| Homo sapiens protein tyrosine phosphatase, non-receptor type 12 (P

gi|196115055|ref|NM\_000344.3| Homo sapiens survival of motor neuron 1, telomeric (SMN1), transcript v

gi|196115078|ref|NR\_024074.1| Homo sapiens golgin A8 family, member I, pseudogene (GOLGA8IP), non-c

gi|196115157|ref|NM\_001131018.1| Homo sapiens CDKN1A interacting zinc finger protein 1 (CIZ1), transcr

gi|196115190|ref|NM\_003363.3| Homo sapiens ubiquitin specific peptidase 4 (proto-oncogene) (USP4), tra

gi|196115200|ref|NM\_022875.2| Homo sapiens survival of motor neuron 2, centromeric (SMN2), transcript

gi|196162695|ref|NM\_022550.2| Homo sapiens X-ray repair complementing defective repair in Chinese hai

gi|196162699|ref|NR\_024075.1| Homo sapiens egf-like module containing, mucin-like, hormone receptor-li

gi|196162703|ref|NR\_024076.1| Homo sapiens coxsackie virus and adenovirus receptor pseudogene 3 (CX/

gi|196162706|ref|NM\_021967.2| Homo sapiens small EDRK-rich factor 1A (telomeric) (SERF1A), transcript \

gi|196162714|ref|NM\_024786.2| Homo sapiens zinc finger, DHHC-type containing 11 (ZDHHC11), mRNA;

gi|196162715|ref|NM\_031482.4| Homo sapiens ATG10 autophagy related 10 homolog (S. cerevisiae) (ATG1

gi|196162718|ref|NM\_021076.3| Homo sapiens neurofilament, heavy polypeptide (NEFH), mRNA;

gi|196259769|ref|NM\_001131023.1| Homo sapiens peroxisomal biogenesis factor 5 (PEX5), transcript varia

gi|196259777|ref|NM\_003687.3| Homo sapiens PDZ and LIM domain 4 (PDLIM4), transcript variant 1, mRN

gi|196259787|ref|NM\_001098531.2| Homo sapiens Rap guanine nucleotide exchange factor (GEF) 3 (RAPG

gi|196259793|ref|NR\_002806.2| Homo sapiens FAM13A antisense RNA 1 (non-protein coding) (FAM13A-AS

gi|196259794|ref|NM\_012397.3| Homo sapiens serpin peptidase inhibitor, clade B (ovalbumin), member 1:

gi|196259795|ref|NM\_198567.4| Homo sapiens chromosome 5 open reading frame 25 (C5orf25), mRNA;

gi|196259797|ref|NM\_057174.2| Homo sapiens peroxisomal biogenesis factor 16 (PEX16), transcript varian

gi|196259804|ref|NM\_001131036.1| Homo sapiens zinc finger, CCHC domain containing 9 (ZCCHC9), transcr

gi|196259809|ref|NM\_004821.2| Homo sapiens heart and neural crest derivatives expressed 1 (HAND1), m

gi|196259810|ref|NM\_014035.2| Homo sapiens sorting nexin 24 (SNX24), mRNA;

gi|196259812|ref|NM\_003630.2| Homo sapiens peroxisomal biogenesis factor 3 (PEX3), mRNA;

gi|196259813|ref|NM\_001010874.4| Homo sapiens trans-2,3-enoyl-CoA reductase-like (TECRL), mRNA;

gi|196259814|ref|NM\_153373.2| Homo sapiens alanine-glyoxylate aminotransferase 2-like 2 (AGXT2L2), m

gi|196259815|ref|NM\_173465.3| Homo sapiens collagen, type XXIII, alpha 1 (COL23A1), mRNA;

gi|196259818|ref|NM\_022754.5| Homo sapiens sideroflexin 1 (SFXN1), mRNA;

gi|196259823|ref|NM\_178833.4| Homo sapiens solute carrier family 9, subfamily B (NHA2, cation proton ai

gi|196259824|ref|NM\_178450.3| Homo sapiens membrane-associated ring finger (C3HC4) 3, E3 ubiquitin p

gi|196259825|ref|NM\_001003845.2| Homo sapiens Sp5 transcription factor (SP5), mRNA;

gi|196259826|ref|NM\_001013649.3| Homo sapiens chromosome 2 open reading frame 68 (C2orf68), mRN

gi|196259827|ref|NM\_001001664.2| Homo sapiens speckle-type POZ protein-like (SPOPL), mRNA;

gi|196259828|ref|NR\_024079.1| Homo sapiens long intergenic non-protein coding RNA 471 (LINC00471), n

gi|197085593|ref|NM\_002857.3| Homo sapiens peroxisomal biogenesis factor 19 (PEX19), transcript varian

gi|197085608|ref|NM\_022304.2| Homo sapiens histamine receptor H2 (HRH2), transcript variant 2, mRNA;

gi|197085611|ref|NR\_024081.1| Homo sapiens chromosome 14 open reading frame 165 (C14orf165), non-

gi|197099797|ref|NM\_002505.4| Homo sapiens nuclear transcription factor Y, alpha (NFYA), transcript vari

gi|197099983|ref|NR\_024084.1| Homo sapiens SAP30-like (SAP30L), transcript variant 4, non-coding RNA; &

gi|197100008|ref|NM\_002235.3| Homo sapiens potassium voltage-gated channel, shaker-related subfamily

gi|197100056|ref|NM\_212535.2| Homo sapiens protein kinase C, beta (PRKCB), transcript variant 1, mRNA;



gi|197100147|ref|NR\_024086.1| Homo sapiens COPG2 imprinted transcript 1 (non-protein coding) (COPG2)  
 gi|197100164|ref|NR\_024087.1| Homo sapiens long intergenic non-protein coding RNA 575 (LINC00575), tr  
 gi|197100212|ref|NM\_001610.2| Homo sapiens acid phosphatase 2, lysosomal (ACP2), transcript variant 1,  
 gi|197100351|ref|NM\_001014291.3| Homo sapiens small proline-rich protein 2G (SPRR2G), mRNA;  
 gi|197100456|ref|NM\_013385.3| Homo sapiens cytohesin 4 (CYTH4), mRNA;  
 gi|197100477|ref|NM\_004288.4| Homo sapiens cytohesin 1 interacting protein (CYTIP), mRNA;  
 gi|197100500|ref|NM\_173362.3| Homo sapiens Rieske (Fe-S) domain containing (RFESD), transcript variant  
 gi|197100725|ref|NM\_173666.2| Homo sapiens DTW domain containing 2 (DTWD2), mRNA;  
 gi|197100772|ref|NM\_020320.3| Homo sapiens arginyl-tRNA synthetase 2, mitochondrial (RARS2), nuclear  
 gi|197100817|ref|NM\_152547.4| Homo sapiens butyrophilin-like 9 (BTNL9), mRNA;  
 gi|197100882|ref|NM\_033267.4| Homo sapiens iroquois homeobox 2 (IRX2), transcript variant 1, mRNA; gi  
 gi|197102773|ref|NM\_007099.3| Homo sapiens acid phosphatase 1, soluble (ACP1), transcript variant 2, m  
 gi|197116345|ref|NR\_015430.1| Homo sapiens chromosome 14 open reading frame 64 (C14orf64), non-co  
 gi|197116347|ref|NM\_001134194.1| Homo sapiens acid phosphatase, prostate (ACPP), transcript variant 2  
 gi|197116349|ref|NM\_024734.3| Homo sapiens calmin (calponin-like, transmembrane) (CLMN), mRNA;  
 gi|197116354|ref|NM\_001134223.1| Homo sapiens ubiquitin specific peptidase 46 (USP46), transcript varia  
 gi|197116357|ref|NM\_001566.2| Homo sapiens inositol polyphosphate-4-phosphatase, type I, 107kDa (INP  
 gi|197116362|ref|NM\_014805.3| Homo sapiens EPM2A (laforin) interacting protein 1 (EPM2AIP1), mRNA;  
 gi|197116365|ref|NR\_024089.1| Homo sapiens long intergenic non-protein coding RNA 162 (LINC00162), n  
 gi|197116379|ref|NR\_024090.1| Homo sapiens long intergenic non-protein coding RNA 320 (LINC00320), n  
 gi|197116380|ref|NM\_000531.5| Homo sapiens ornithine carbamoyltransferase (OTC), nuclear gene encod  
 gi|197116381|ref|NM\_004322.3| Homo sapiens BCL2-associated agonist of cell death (BAD), transcript vari  
 gi|197116383|ref|NR\_024092.1| Homo sapiens long intergenic non-protein coding RNA 515 (LINC00515), n  
 gi|197116384|ref|NM\_022908.2| Homo sapiens 5'-nucleotidase domain containing 2 (NT5DC2), transcript v  
 gi|197116388|ref|NM\_001134232.1| Homo sapiens transmembrane protein 106B (TMEM106B), transcript  
 gi|197116393|ref|NR\_024096.1| Homo sapiens long intergenic non-protein coding RNA 523 (LINC00523), n  
 gi|197116394|ref|NM\_016591.2| Homo sapiens glucosaminyl (N-acetyl) transferase 4, core 2 (GCNT4), mRN  
 gi|197116395|ref|NM\_001134233.1| Homo sapiens chromosome 1 open reading frame 204 (C1orf204), m  
 gi|19718735|ref|NM\_003265.2| Homo sapiens toll-like receptor 3 (TLR3), mRNA;  
 gi|19718752|ref|NM\_004656.2| Homo sapiens BRCA1 associated protein-1 (ubiquitin carboxy-terminal hyd  
 gi|19718753|ref|NM\_032260.2| Homo sapiens RANBP2-like and GRIP domain containing 5 (RGPD5), transci  
 gi|19718793|ref|NM\_133343.1| Homo sapiens RAD17 homolog (S. pombe) (RAD17), transcript variant 6, m  
 gi|197209833|ref|NM\_005066.2| Homo sapiens splicing factor proline/glutamine-rich (SFPQ), mRNA;  
 gi|197209856|ref|NM\_001134296.1| Homo sapiens adaptor-related protein complex 3, mu 2 subunit (AP3  
 gi|197209859|ref|NR\_024100.1| Homo sapiens long intergenic non-protein coding RNA 323 (LINC00323), n  
 gi|197209862|ref|NM\_014682.2| Homo sapiens suppression of tumorigenicity 18 (breast carcinoma) (zinc f  
 gi|197209865|ref|NM\_001031684.2| Homo sapiens serine/arginine-rich splicing factor 7 (SRSF7), transcript  
 gi|197209866|ref|NR\_024101.1| Homo sapiens uncharacterized LOC649446 (FLJ35776), non-coding RNA;  
 gi|197209870|ref|NM\_138464.2| Homo sapiens chromosome 5 open reading frame 55 (C5orf55), mRNA;  
 gi|197209873|ref|NR\_001571.2| Homo sapiens RNA, Ro-associated Y5 (RNY5), small cytoplasmic RNA;  
 gi|197209875|ref|NR\_024102.1| Homo sapiens chromosome 21 open reading frame 54 (C21orf54), non-co  
 gi|197209877|ref|NR\_024103.1| Homo sapiens HOXB cluster antisense RNA 5 (non-protein coding) (HOXB-  
 gi|197209879|ref|NR\_015453.1| Homo sapiens NOP14 antisense RNA 1 (non-protein coding) (NOP14-AS1),  
 gi|197209880|ref|NR\_024091.1| Homo sapiens ZFP91-CNTF readthrough (ZFP91-CNTF), non-coding RNA;  
 gi|197209973|ref|NM\_001080522.2| Homo sapiens coiled-coil and C2 domain containing 2A (CC2D2A), trar  
 gi|197245333|ref|NM\_005273.3| Homo sapiens guanine nucleotide binding protein (G protein), beta polyp  
 gi|197245360|ref|NM\_130386.2| Homo sapiens collectin sub-family member 12 (COLEC12), mRNA;

gi|197245365|ref|NM\_002246.2| Homo sapiens potassium channel, subfamily K, member 3 (KCNK3), mRNA;

gi|197245372|ref|NM\_001134316.1| Homo sapiens proline rich 22 (PRR22), mRNA;

gi|197245374|ref|NR\_001279.2| Homo sapiens cystatin pseudogene (CSTT), non-coding RNA;

gi|197245385|ref|NM\_001013635.3| Homo sapiens chromosome 12 open reading frame 68 (C12orf68), mRNA;

gi|197245387|ref|NM\_207334.2| Homo sapiens family with sequence similarity 43, member B (FAM43B), mRNA;

gi|197245388|ref|NM\_003909.3| Homo sapiens copine III (CPNE3), mRNA;

gi|197245389|ref|NM\_022080.2| Homo sapiens N-ethylmaleimide-sensitive factor attachment protein, beta 2 (NSF2), mRNA;

gi|197245391|ref|NM\_014171.4| Homo sapiens cysteine-rich PDZ-binding protein (CRIPT), mRNA;

gi|197245392|ref|NM\_001134321.1| Homo sapiens family with sequence similarity 127, member B (FAM127B), mRNA;

gi|197245395|ref|NM\_005751.4| Homo sapiens A kinase (PRKA) anchor protein (yotiao) 9 (AKAP9), transcript variant 1, mRNA;

gi|197245402|ref|NM\_005735.3| Homo sapiens ARP1 actin-related protein 1 homolog B, centractin beta (gamma-actin-1), mRNA;

gi|197245407|ref|NM\_007342.2| Homo sapiens nucleoporin like 2 (NUPL2), mRNA;

gi|197245415|ref|NM\_015132.4| Homo sapiens sorting nexin 13 (SNX13), mRNA;

gi|197245426|ref|NM\_007106.3| Homo sapiens ubiquitin-like 3 (UBL3), mRNA;

gi|197245429|ref|NM\_139322.2| Homo sapiens attractin (ATRN), transcript variant 2, mRNA; gi|333440460|ref|NM\_001134322.1| Homo sapiens family with sequence similarity 127, member B (FAM127B), mRNA;

gi|197245434|ref|NM\_014413.3| Homo sapiens eukaryotic translation initiation factor 2-alpha kinase 1 (EIF2AK1), mRNA;

gi|197245435|ref|NM\_021033.6| Homo sapiens RAP2A, member of RAS oncogene family (RAP2A), mRNA;

gi|197245439|ref|NM\_015237.2| Homo sapiens KIAA1107 (KIAA1107), mRNA;

gi|197245441|ref|NM\_033129.3| Homo sapiens scratch homolog 2, zinc finger protein (Drosophila) (SCRT2), mRNA;

gi|197245442|ref|NM\_020704.2| Homo sapiens family with sequence similarity 40, member B (FAM40B), transcript variant 1, mRNA;

gi|197245445|ref|NM\_024958.2| Homo sapiens neurensin 2 (NRSN2), mRNA;

gi|197245446|ref|NM\_207469.2| Homo sapiens defensin, beta 132 (DEFB132), mRNA;

gi|197245447|ref|NM\_020728.2| Homo sapiens extended synaptotagmin-like protein 2 (ESYT2), mRNA;

gi|197245448|ref|NM\_007219.3| Homo sapiens ring finger protein 24 (RNF24), transcript variant 1, mRNA;

gi|197245455|ref|NM\_022574.4| Homo sapiens GRB10 interacting GYF protein 1 (GIGYF1), mRNA;

gi|197245457|ref|NM\_001134340.1| Homo sapiens proteasome (prosome, macropain) assembly chaperon 1 (PAC1), mRNA;

gi|197276593|ref|NM\_001134363.1| Homo sapiens RNA binding motif protein 20 (RBM20), mRNA;

gi|197276596|ref|NM\_002375.4| Homo sapiens microtubule-associated protein 4 (MAP4), transcript variant 1, mRNA;

gi|197276616|ref|NM\_016829.2| Homo sapiens 8-oxoguanine DNA glycosylase (OGG1), nuclear gene encoding protein, mRNA;

gi|197276618|ref|NM\_000818.2| Homo sapiens glutamate decarboxylase 2 (pancreatic islets and brain, 65 kDa) (GAD65), mRNA;

gi|197276624|ref|NM\_001134368.1| Homo sapiens solute carrier family 6 (neurotransmitter transporter, taurine) member 1 (SLC6A6), mRNA;

gi|197276631|ref|NM\_003670.2| Homo sapiens basic helix-loop-helix family, member e40 (BHLHE40), mRNA;

gi|197276633|ref|NM\_003707.2| Homo sapiens RuvB-like 1 (E. coli) (RUVBL1), mRNA;

gi|197276634|ref|NM\_005521.3| Homo sapiens T-cell leukemia homeobox 1 (TLX1), transcript variant 1, mRNA;

gi|197276641|ref|NM\_019860.3| Homo sapiens 5-hydroxytryptamine (serotonin) receptor 7, adenylate cyclase coupled (5-HT<sub>7</sub>), mRNA;

gi|197276646|ref|NM\_001134369.1| Homo sapiens leucine rich repeat (in FLII) interacting protein 2 (LRRFIP2), mRNA;

gi|197276657|ref|NM\_001549.4| Homo sapiens interferon-induced protein with tetratricopeptide repeats 1 (IFITM1), mRNA;

gi|197276666|ref|NM\_012420.2| Homo sapiens interferon-induced protein with tetratricopeptide repeats 1 (IFITM1), mRNA;

gi|197276669|ref|NM\_001134374.1| Homo sapiens spermatogenesis and centriole associated 1 (SPATC1), mRNA;

gi|197276672|ref|NM\_019084.4| Homo sapiens cyclin J (CCNJ), transcript variant 2, mRNA; gi|197276673|ref|NM\_001134375.1| Homo sapiens cyclin J (CCNJ), transcript variant 1, mRNA;

gi|197304669|ref|NM\_002412.3| Homo sapiens O-6-methylguanine-DNA methyltransferase (MGMT), mRNA;

gi|197304671|ref|NM\_001025357.2| Homo sapiens chromosome 8 open reading frame 85 (C8orf85), mRNA;

gi|197304672|ref|NM\_014079.3| Homo sapiens Kruppel-like factor 15 (KLF15), mRNA;

gi|197304673|ref|NM\_206996.2| Homo sapiens sperm associated antigen 17 (SPAG17), mRNA;

gi|197304674|ref|NM\_001176.3| Homo sapiens Rho GDP dissociation inhibitor (GDI) gamma (ARHGDI3), mRNA;

gi|197304677|ref|NM\_006784.2| Homo sapiens WD repeat domain 3 (WDR3), mRNA;

gi|197304678|ref|NM\_022405.3| Homo sapiens solute carrier family 6 (proline IMINO transporter), member 1 (SLC6A6), mRNA;

gi|197304689|ref|NM\_001134389.1| Homo sapiens zinc finger, DHHC-type containing 4 (ZDHHC4), transcript variant 1, mRNA;

gi|197304699|ref|NM\_006504.4| Homo sapiens protein tyrosine phosphatase, receptor type, E (PTPRE), transcript variant 1, mRNA;

gi|197304706|ref|NM\_032350.5| Homo sapiens chromosome 7 open reading frame 50 (C7orf50), transcript variant 1, mRNA;

gi|197304714|ref|NM\_001134398.1| Homo sapiens vav 2 guanine nucleotide exchange factor (VAV2), transcript variant 1, mRNA;

gi|197304718|ref|NM\_006963.4| Homo sapiens zinc finger protein 22 (KOX 15) (ZNF22), mRNA;

gi|197304720|ref|NM\_001134400.1| Homo sapiens cytochrome b-561 domain containing 1 (CYB561D1), transcript variant 1, mRNA;

gi|197304722|ref|NM\_032826.4| Homo sapiens solute carrier family 35, member B4 (SLC35B4), mRNA;

gi|197304723|ref|NM\_152765.3| Homo sapiens chromosome 8 open reading frame 46 (C8orf46), mRNA;

gi|197304725|ref|NM\_007373.3| Homo sapiens soc-2 suppressor of clear homolog (C. elegans) (SHOC2), mRNA;

gi|197304734|ref|NM\_032936.3| Homo sapiens transmembrane protein 60 (TMEM60), mRNA;

gi|197304735|ref|NM\_153340.4| Homo sapiens ataxin 7-like 2 (ATXN7L2), mRNA;

gi|197304736|ref|NM\_031866.2| Homo sapiens frizzled family receptor 8 (FZD8), mRNA;

gi|197304737|ref|NR\_002331.2| Homo sapiens ST7 antisense RNA 2 (non-protein coding) (ST7-AS2), antisense transcript, mRNA;

gi|197304738|ref|NM\_001424.4| Homo sapiens epithelial membrane protein 2 (EMP2), mRNA;

gi|197304739|ref|NM\_145268.3| Homo sapiens chromosome 7 open reading frame 45 (C7orf45), mRNA;

gi|197304740|ref|NM\_018704.2| Homo sapiens CTTNBP2 N-terminal like (CTTNBP2NL), mRNA;

gi|197304741|ref|NR\_002724.2| Homo sapiens mannose-binding lectin (protein A) 1, pseudogene (MBL1P), transcript variant 1, mRNA;

gi|197304743|ref|NM\_001134405.1| Homo sapiens RUN domain containing 3B (RUNDC3B), transcript variant 1, mRNA;

gi|197304747|ref|NM\_003901.3| Homo sapiens sphingosine-1-phosphate lyase 1 (SGPL1), mRNA;

gi|197304748|ref|NM\_032727.3| Homo sapiens internexin neuronal intermediate filament protein, alpha (INXN1), transcript variant 1, mRNA;

gi|197304749|ref|NR\_024108.1| Homo sapiens phosphofructokinase, liver (PFKL), transcript variant 1, non-coding RNA;

gi|197304750|ref|NM\_144988.3| Homo sapiens asparagine-linked glycosylation 14 homolog (S. cerevisiae) (ALG14), transcript variant 1, mRNA;

gi|197304751|ref|NM\_152487.2| Homo sapiens transmembrane protein 56 (TMEM56), transcript variant 2, mRNA;

gi|197304766|ref|NM\_014648.3| Homo sapiens DAZ interacting protein 3, zinc finger (DZIP3), mRNA;

gi|197304767|ref|NM\_014674.2| Homo sapiens ER degradation enhancer, mannosidase alpha-like 1 (EDEMAN1), transcript variant 1, mRNA;

gi|197304776|ref|NM\_001134381.1| Homo sapiens TBC1 domain family, member 5 (TBC1D5), transcript variant 1, mRNA;

gi|197304785|ref|NM\_001134382.1| Homo sapiens IQ motif and Sec7 domain 1 (IQSEC1), transcript variant 1, mRNA;

gi|197304787|ref|NR\_001569.2| Homo sapiens ADAM metalloproteinase domain 3A (ADAM3A), transcript variant 1, mRNA;

gi|197304788|ref|NM\_007085.4| Homo sapiens follistatin-like 1 (FSTL1), mRNA;

gi|197304792|ref|NM\_002079.2| Homo sapiens glutamic-oxaloacetic transaminase 1, soluble (aspartate aminotransferase 1) (GOT1), transcript variant 1, mRNA;

gi|197304797|ref|NM\_004523.3| Homo sapiens kinesin family member 11 (KIF11), mRNA;

gi|197304798|ref|NM\_014373.2| Homo sapiens G protein-coupled receptor 160 (GPR160), mRNA;

gi|197313637|ref|NM\_001134408.1| Homo sapiens glutamate receptor, ionotropic, N-methyl D-aspartate receptor 1 (GRIK1), transcript variant 1, mRNA;

gi|197313647|ref|NR\_024109.1| Homo sapiens Shwachman-Bodian-Diamond syndrome pseudogene 1 (SBDP1), transcript variant 1, mRNA;

gi|197313653|ref|NM\_001134415.1| Homo sapiens TBCC domain containing 1 (TBCCD1), transcript variant 1, mRNA;

gi|197313661|ref|NM\_001134418.1| Homo sapiens leprecan-like 1 (LEPREL1), transcript variant 2, mRNA; transcript variant 1, mRNA;

gi|197313664|ref|NM\_001134419.1| Homo sapiens cell division cycle 7 homolog (S. cerevisiae) (CDC7), transcript variant 1, mRNA;

gi|197313670|ref|NM\_017548.4| Homo sapiens CDV3 homolog (mouse) (CDV3), transcript variant 2, mRNA;

gi|197313686|ref|NM\_005479.3| Homo sapiens frequently rearranged in advanced T-cell lymphomas (FRA11B), transcript variant 1, mRNA;

gi|197313689|ref|NM\_020696.3| Homo sapiens KIAA1143 (KIAA1143), mRNA;

gi|197313692|ref|NM\_001001924.2| Homo sapiens microtubule associated tumor suppressor 1 (MTUS1), transcript variant 1, mRNA;

gi|197313704|ref|NM\_001134432.1| Homo sapiens 5-azacytidine induced 2 (AZI2), transcript variant 2, mRNA;

gi|197313717|ref|NM\_001134435.1| Homo sapiens IQ motif containing G (IQCG), transcript variant 2, mRNA;

gi|197313720|ref|NM\_000526.4| Homo sapiens keratin 14 (KRT14), mRNA;

gi|197313723|ref|NM\_005736.3| Homo sapiens ARP1 actin-related protein 1 homolog A, centractin alpha (ACTA1), transcript variant 1, mRNA;

gi|197313731|ref|NM\_001134439.1| Homo sapiens pleckstrin homology-like domain, family B, member 2 (PHL2), transcript variant 1, mRNA;

gi|197313735|ref|NM\_080652.3| Homo sapiens transmembrane protein 41A (TMEM41A), mRNA;

gi|197313738|ref|NR\_002795.2| Homo sapiens HOXA11 antisense RNA (non-protein coding) (HOXA11-AS),

gi|197313739|ref|NR\_002726.2| Homo sapiens heterogeneous nuclear ribonucleoprotein A3 pseudogene 1

gi|197313745|ref|NM\_001134442.1| Homo sapiens zinc finger protein 502 (ZNF502), transcript variant 4, n

gi|197313747|ref|NM\_014159.6| Homo sapiens SET domain containing 2 (SETD2), mRNA;

gi|197313754|ref|NR\_024113.1| Homo sapiens chromosome 1 open reading frame 52 (C1orf52), transcript

gi|197313762|ref|NM\_001134445.1| Homo sapiens dimethylarginine dimethylaminohydrolase 1 (DDAH1),

gi|197313769|ref|NM\_001031804.2| Homo sapiens v-maf musculoaponeurotic fibrosarcoma oncogene ho

gi|197313770|ref|NM\_213569.2| Homo sapiens nebullette (NEBL), transcript variant 2, mRNA; gi|19731377

gi|197313774|ref|NM\_001554.4| Homo sapiens cysteine-rich, angiogenic inducer, 61 (CYR61), mRNA;

gi|197313778|ref|NM\_001134450.1| Homo sapiens transmembrane protein 130 (TMEM130), transcript va

gi|197313786|ref|NM\_001134453.1| Homo sapiens desmoglein 4 (DSG4), transcript variant 1, mRNA; gi|25

gi|197313788|ref|NM\_001423.2| Homo sapiens epithelial membrane protein 1 (EMP1), mRNA;

gi|197313789|ref|NM\_017734.4| Homo sapiens palmdelphin (PALMD), mRNA;

gi|197313790|ref|NM\_021190.2| Homo sapiens polypyrimidine tract binding protein 2 (PTBP2), mRNA;

gi|197313791|ref|NM\_003372.5| Homo sapiens von Hippel-Lindau binding protein 1 (VBP1), mRNA;

gi|197313798|ref|NM\_025010.4| Homo sapiens kelch-like 18 (Drosophila) (KLHL18), mRNA;

gi|197333691|ref|NM\_001134476.1| Homo sapiens leucine rich repeat containing 8 family, member B (LRR

gi|197333696|ref|NM\_032270.4| Homo sapiens leucine rich repeat containing 8 family, member C (LRR

gi|197333705|ref|NM\_001134479.1| Homo sapiens leucine rich repeat containing 8 family, member D (LRR

gi|197333714|ref|NM\_173824.3| Homo sapiens chromosome 3 open reading frame 38 (C3orf38), mRNA;

gi|197333716|ref|NM\_014783.3| Homo sapiens Rho GTPase activating protein 11A (ARHGAP11A), transcrip

gi|197333724|ref|NM\_004608.3| Homo sapiens T-box 6 (TBX6), mRNA;

gi|197333738|ref|NM\_052941.4| Homo sapiens guanylate binding protein 4 (GBP4), mRNA;

gi|197333743|ref|NM\_033018.3| Homo sapiens cyclin-dependent kinase 16 (CDK16), transcript variant 2, n

gi|197333751|ref|NM\_003223.2| Homo sapiens transcription factor AP-4 (activating enhancer binding prot

gi|197333754|ref|NM\_006764.4| Homo sapiens interferon-related developmental regulator 2 (IFRD2), mRN

gi|197333757|ref|NM\_004185.3| Homo sapiens wingless-type MMTV integration site family, member 2B (\

gi|197333759|ref|NM\_033023.4| Homo sapiens platelet-derived growth factor alpha polypeptide (PDGFA),

gi|197333762|ref|NM\_013397.5| Homo sapiens prickle homolog 4 (Drosophila) (PRICKLE4), mRNA;

gi|197333789|ref|NM\_005251.2| Homo sapiens forkhead box C2 (MFH-1, mesenchyme forkhead 1) (FOXC2

gi|197333801|ref|NM\_145037.2| Homo sapiens family with sequence similarity 55, member C (FAM55C), ti

gi|197333804|ref|NM\_022776.4| Homo sapiens oxysterol binding protein-like 11 (OSBPL11), mRNA;

gi|197333808|ref|NM\_015355.2| Homo sapiens suppressor of zeste 12 homolog (Drosophila) (SUZ12), mRN

gi|197333810|ref|NM\_014777.2| Homo sapiens URB2 ribosome biogenesis 2 homolog (S. cerevisiae) (URB2

gi|197333813|ref|NM\_133462.3| Homo sapiens tetratricopeptide repeat domain 14 (TTC14), transcript var

gi|197333816|ref|NM\_178496.3| Homo sapiens Mab-21 domain containing 2 (MB21D2), mRNA;

gi|197333826|ref|NM\_198859.3| Homo sapiens prickle homolog 2 (Drosophila) (PRICKLE2), mRNA;

gi|197333833|ref|NM\_015358.2| Homo sapiens MORC family CW-type zinc finger 3 (MORC3), mRNA;

gi|197333836|ref|NM\_001134462.1| Homo sapiens notochord homeobox (NOTO), mRNA;

gi|197333838|ref|NM\_152678.2| Homo sapiens family with sequence similarity 116, member A (FAM116A)

gi|197333841|ref|NM\_152774.3| Homo sapiens transmembrane protein 196 (TMEM196), mRNA;

gi|197333854|ref|NM\_182597.2| Homo sapiens chromosome 7 open reading frame 53 (C7orf53), transcrip

gi|197333860|ref|NM\_173552.3| Homo sapiens chromosome 3 open reading frame 58 (C3orf58), transcrip

gi|197333872|ref|NM\_014615.2| Homo sapiens KIAA0182 (KIAA0182), transcript variant 1, mRNA; gi|1973

gi|197381953|ref|NM\_006946.2| Homo sapiens spectrin, beta, non-erythrocytic 2 (SPTBN2), mRNA;

gi|197382196|ref|NR\_002206.2| Homo sapiens general transcription factor Ili, pseudogene 1 (GTF2IP1), no

gi|197382270|ref|NM\_003716.3| Homo sapiens Ca<sup>++</sup>-dependent secretion activator (CADPS), transcript va

gi|197382349|ref|NR\_002941.2| Homo sapiens phosducin-like 3 pseudogene (LOC285359), non-coding RNA;

gi|197382406|ref|NM\_198485.3| Homo sapiens tumor protein p63 regulated 1 (TPRG1), mRNA;

gi|197382428|ref|NR\_002711.3| Homo sapiens CDC-like kinase 2, pseudogene (CLK2P), non-coding RNA;

gi|197382471|ref|NM\_001134647.1| Homo sapiens actin filament associated protein 1 (AFAP1), transcript variant 1, mRNA;

gi|197382604|ref|NM\_182543.2| Homo sapiens NOP2/Sun domain family, member 6 (NSUN6), mRNA;

gi|197382690|ref|NM\_012080.4| Homo sapiens haloacid dehalogenase-like hydrolase domain containing 1 (HALDHL1), mRNA;

gi|197382707|ref|NM\_001134651.1| Homo sapiens eukaryotic translation initiation factor 4E family member 1 (EIF4E1), mRNA;

gi|197382745|ref|NM\_022818.4| Homo sapiens microtubule-associated protein 1 light chain 3 beta (MAP1LC3B), mRNA;

gi|197382757|ref|NM\_001134492.1| Homo sapiens heparan sulfate 2-O-sulfotransferase 1 (HS2ST1), transcript variant 1, mRNA;

gi|197382778|ref|NM\_003450.2| Homo sapiens zinc finger protein 174 (ZNF174), transcript variant 1, mRNA;

gi|197382802|ref|NM\_006769.3| Homo sapiens LIM domain only 4 (LMO4), mRNA;

gi|197382840|ref|NM\_145312.3| Homo sapiens zinc finger protein 485 (ZNF485), mRNA;

gi|197383031|ref|NM\_000422.2| Homo sapiens keratin 17 (KRT17), mRNA;

gi|197383061|ref|NM\_207359.2| Homo sapiens glutamate decarboxylase-like 1 (GADL1), mRNA;

gi|197383214|ref|NR\_003572.2| Homo sapiens ribosomal protein L23a pseudogene 53 (RPL23AP53), non-coding RNA;

gi|197383642|ref|NM\_194298.2| Homo sapiens solute carrier family 16, member 9 (monocarboxylic acid transporter) (SLC16A9), mRNA;

gi|197383729|ref|NR\_002223.3| Homo sapiens tetra-peptide repeat homeobox-like (TPRXL), non-coding RNA;

gi|197383753|ref|NM\_014465.3| Homo sapiens sulfotransferase family, cytosolic, 1B, member 1 (SULT1B1), mRNA;

gi|197383783|ref|NM\_001134655.1| Homo sapiens zinc finger protein 213 (ZNF213), transcript variant 2, mRNA;

gi|197383928|ref|NM\_198562.2| Homo sapiens chromosome 3 open reading frame 62 (C3orf62), mRNA;

gi|197383944|ref|NM\_178505.6| Homo sapiens transmembrane protein 26 (TMEM26), mRNA;

gi|197383986|ref|NM\_207404.3| Homo sapiens zinc finger protein 662 (ZNF662), transcript variant 1, mRNA;

gi|197384191|ref|NM\_080651.2| Homo sapiens mediator complex subunit 30 (MED30), mRNA;

gi|197384209|ref|NM\_018409.3| Homo sapiens LRP2 binding protein (LRP2BP), mRNA;

gi|197384221|ref|NM\_173554.2| Homo sapiens chromosome 10 open reading frame 107 (C10orf107), mRNA;

gi|197386146|ref|NM\_152836.2| Homo sapiens sorting nexin 16 (SNX16), transcript variant 2, mRNA; gi|197387274|ref|NM\_017503.3| Homo sapiens surfactant 2 (SURF2), mRNA;

gi|19743564|ref|NM\_000774.3| Homo sapiens cytochrome P450, family 2, subfamily F, polypeptide 1 (CYP2C1), mRNA;

gi|19743800|ref|NM\_133502.1| Homo sapiens zinc finger protein 274 (ZNF274), transcript variant ZNF274c, mRNA;

gi|19743807|ref|NM\_003725.2| Homo sapiens hydroxysteroid (17-beta) dehydrogenase 6 homolog (mouse) (HSD17B6), mRNA;

gi|19743811|ref|NM\_003181.2| Homo sapiens T, brachyury homolog (mouse) (T), mRNA;

gi|19743828|ref|NM\_003529.2| Homo sapiens histone cluster 1, H3a (HIST1H3A), mRNA;

gi|19743834|ref|NM\_003493.2| Homo sapiens histone cluster 3, H3 (HIST3H3), mRNA;

gi|19743882|ref|NM\_002919.2| Homo sapiens regulatory factor X, 3 (influences HLA class II expression) (RFX3), mRNA;

gi|19743892|ref|NM\_006354.2| Homo sapiens transcriptional adaptor 3 (TADA3), transcript variant 1, mRNA;

gi|19747268|ref|NM\_130776.1| Homo sapiens X antigen family, member 3 (XAGE3), transcript variant 2, mRNA;

gi|19747282|ref|NM\_130777.1| Homo sapiens X antigen family, member 2 (XAGE2), mRNA;

gi|19747284|ref|NM\_007003.2| Homo sapiens P antigen family, member 4 (prostate associated) (PAGE4), mRNA;

gi|197927082|ref|NM\_001079911.2| Homo sapiens dentin matrix acidic phosphoprotein 1 (DMP1), transcript variant 1, mRNA;

gi|197927083|ref|NM\_003701.3| Homo sapiens tumor necrosis factor (ligand) superfamily, member 11 (TNFSF11), mRNA;

gi|197927092|ref|NM\_003211.4| Homo sapiens thymine-DNA glycosylase (TDG), mRNA;

gi|197927095|ref|NM\_001030.4| Homo sapiens ribosomal protein S27 (RPS27), mRNA;

gi|197927132|ref|NM\_001134734.1| Homo sapiens chromosome 1 open reading frame 94 (C1orf94), transcript variant 1, mRNA;

gi|197927146|ref|NM\_001134738.1| Homo sapiens B-cell CLL/lymphoma 6 (BCL6), transcript variant 3, mRNA;

gi|197927150|ref|NM\_006158.3| Homo sapiens neurofilament, light polypeptide (NEFL), mRNA;

gi|197927157|ref|NM\_001098484.2| Homo sapiens solute carrier family 4, sodium bicarbonate cotransporter 1 (SLC4A1), mRNA;

gi|197927161|ref|NM\_003224.3| Homo sapiens ADP-ribosylation factor related protein 1 (ARFRP1), transcript variant 1, mRNA;

gi|197927167|ref|NM\_001134745.1| Homo sapiens leucine rich repeat transmembrane neuronal 4 (LRRTM4), mRNA;

gi|197927200|ref|NM\_001134493.1| Homo sapiens translocase of outer mitochondrial membrane 6 homolog 1 (TOMM6), mRNA;

gi|197927204|ref|NM\_000288.3| Homo sapiens peroxisomal biogenesis factor 7 (PEX7), mRNA;

gi|197927205|ref|NR\_024117.1| Homo sapiens misato homolog 2 pseudogene (MSTO2P), non-coding RNA;

gi|197927212|ref|NM\_005763.3| Homo sapiens aminoadipate-semialdehyde synthase (AASS), nuclear gene encoding protein, mRNA;

gi|197927229|ref|NM\_153226.2| Homo sapiens solute carrier family 35, member G1 (SLC35G1), transcript variant 1, mRNA;

gi|197927230|ref|NM\_001134657.1| Homo sapiens proline rich 23C (PRR23C), mRNA;

gi|197927234|ref|NM\_001013650.2| Homo sapiens proline rich 23B (PRR23B), mRNA;

gi|197927235|ref|NM\_001134659.1| Homo sapiens proline rich 23A (PRR23A), mRNA;

gi|197927249|ref|NM\_001031723.2| Homo sapiens DnaJ (Hsp40) homolog, subfamily B, member 14 (DNAJ14), mRNA;

gi|197927250|ref|NM\_178858.4| Homo sapiens sideroflexin 2 (SFXN2), mRNA;

gi|197927253|ref|NM\_001010971.2| Homo sapiens sterile alpha motif domain containing 13 (SAMD13), transcript variant 1, mRNA;

gi|197927264|ref|NM\_001134666.1| Homo sapiens RNA (guanine-9-) methyltransferase domain containing 1 (RMTN1), mRNA;

gi|197927266|ref|NM\_004388.2| Homo sapiens chitinase, di-N-acetyl- (CTBS), mRNA;

gi|197927275|ref|NM\_018211.3| Homo sapiens ribonucleoprotein, PTB-binding 2 (RAVER2), mRNA;

gi|197927276|ref|NM\_025235.3| Homo sapiens tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase 1 (ANKRD13A), mRNA;

gi|197927277|ref|NM\_001134671.1| Homo sapiens Der1-like domain family, member 1 (DERL1), transcript variant 1, mRNA;

gi|197927279|ref|NM\_003189.2| Homo sapiens T-cell acute lymphocytic leukemia 1 (TAL1), mRNA;

gi|197927281|ref|NM\_001134672.1| Homo sapiens family with sequence similarity 204, member A (FAM20A), mRNA;

gi|197927399|ref|NM\_001365.3| Homo sapiens discs, large homolog 4 (Drosophila) (DLG4), transcript variant 1, mRNA;

gi|197927407|ref|NM\_001134693.1| Homo sapiens oligosaccharyltransferase 4 homolog (S. cerevisiae) (OST4), mRNA;

gi|197927426|ref|NM\_144497.2| Homo sapiens A kinase (PRKA) anchor protein 12 (AKAP12), transcript variant 1, mRNA;

gi|197927445|ref|NM\_001134707.1| Homo sapiens sarcosine dehydrogenase (SARDH), nuclear gene encoding protein, mRNA;

gi|197927447|ref|NM\_018031.3| Homo sapiens WD repeat domain 6 (WDR6), mRNA;

gi|197927451|ref|NM\_015512.4| Homo sapiens dynein, axonemal, heavy chain 1 (DNAH1), mRNA;

gi|197927453|ref|NM\_001134709.1| Homo sapiens DEK oncogene (DEK), transcript variant 2, mRNA; gi|111111111|ref|NM\_001134709.1| Homo sapiens DEK oncogene (DEK), transcript variant 2, mRNA;

gi|198041677|ref|NM\_001134771.1| Homo sapiens solute carrier family 12 (potassium/chloride transporter), member 1 (SLC12A1), mRNA;

gi|198041695|ref|NM\_004256.3| Homo sapiens solute carrier family 22 (organic anion transporter), member 1 (SLC22A1), mRNA;

gi|198041698|ref|NR\_024119.1| Homo sapiens long intergenic non-protein coding RNA 244 (LINC00244), non-coding RNA;

gi|198041702|ref|NM\_007105.2| Homo sapiens solute carrier family 22 (organic cation transporter), member 1 (SLC22A1), mRNA;

gi|198041706|ref|NM\_175737.3| Homo sapiens klotho beta (KLB), mRNA;

gi|198041708|ref|NR\_024120.1| Homo sapiens diazepam binding inhibitor-like 5, pseudogene (DBIL5P), non-coding RNA;

gi|198041713|ref|NM\_138413.3| Homo sapiens 4-hydroxy-2-oxoglutarate aldolase 1 (HOGA1), nuclear gene encoding protein, mRNA;

gi|198041720|ref|NR\_024121.1| Homo sapiens long intergenic non-protein coding RNA 235 (LINC00235), non-coding RNA;

gi|198041730|ref|NM\_001134775.1| Homo sapiens kinesin light chain 2 (KLC2), transcript variant 3, mRNA;

gi|198041750|ref|NM\_006195.5| Homo sapiens pre-B-cell leukemia homeobox 3 (PBX3), transcript variant 1, mRNA;

gi|198041764|ref|NM\_015346.3| Homo sapiens zinc finger, FYVE domain containing 26 (ZFYVE26), mRNA;

gi|198041767|ref|NM\_181506.4| Homo sapiens leucine rich repeat containing 70 (LRRC70), mRNA;

gi|198041771|ref|NM\_013319.2| Homo sapiens UbiA prenyltransferase domain containing 1 (UBIAD1), mRNA;

gi|198041774|ref|NM\_016338.4| Homo sapiens importin 11 (IPO11), transcript variant 2, mRNA; gi|198041774|ref|NM\_016338.4| Homo sapiens importin 11 (IPO11), transcript variant 2, mRNA;

gi|198041927|ref|NM\_139241.2| Homo sapiens FYVE, RhoGEF and PH domain containing 4 (FGD4), mRNA;

gi|198041944|ref|NR\_024127.1| Homo sapiens small nucleolar RNA host gene 12 (non-protein coding) (SNHG12), non-coding RNA;

gi|198278426|ref|NM\_003280.2| Homo sapiens troponin C type 1 (slow) (TNNC1), mRNA;

gi|198278444|ref|NM\_145014.2| Homo sapiens hydrolethalus syndrome 1 (HYLS1), transcript variant 1, mRNA;

gi|198278499|ref|NM\_181337.3| Homo sapiens kidney associated antigen 1 (KAAG1), mRNA;

gi|198278564|ref|NM\_145701.2| Homo sapiens cell division cycle associated 4 (CDCA4), transcript variant 1, mRNA;

gi|198386318|ref|NM\_016188.4| Homo sapiens actin-like 6B (ACTL6B), mRNA;

gi|198386337|ref|NM\_014873.2| Homo sapiens lysophosphatidylglycerol acyltransferase 1 (LPGAT1), mRNA;

gi|198386340|ref|NM\_001134836.1| Homo sapiens signal-regulatory protein beta 2 (SIRPB2), transcript variant 1, mRNA;

gi|198442833|ref|NM\_001134848.1| Homo sapiens coiled-coil domain containing 152 (CCDC152), mRNA;

gi|198442843|ref|NM\_207437.3| Homo sapiens dynein, axonemal, heavy chain 10 (DNAH10), mRNA;

gi|198442853|ref|NR\_024128.1| Homo sapiens olfactory receptor, family 3, subfamily A, member 4 pseudogene 1, mRNA;

gi|198442874|ref|NM\_016102.3| Homo sapiens tripartite motif containing 17 (TRIM17), transcript variant 1, mRNA;

gi|198442881|ref|NM\_024672.4| Homo sapiens THAP domain containing 9 (THAP9), mRNA;

gi|19882240|ref|NM\_020962.1| Homo sapiens immunoglobulin superfamily, DCC subclass, member 4 (IGDCC4), mRNA;

gi|19882250|ref|NM\_001898.2| Homo sapiens cystatin SN (CST1), mRNA;

gi|19882252|ref|NM\_001322.2| Homo sapiens cystatin SA (CST2), mRNA;

gi|19882253|ref|NM\_000099.2| Homo sapiens cystatin C (CST3), mRNA;

gi|19882254|ref|NM\_001899.2| Homo sapiens cystatin S (CST4), mRNA;

gi|19882257|ref|NM\_005492.2| Homo sapiens cystatin 8 (cystatin-related epididymal specific) (CST8), mRNA;

gi|19882258|ref|NM\_138283.1| Homo sapiens cystatin-like 1 (CSTL1), mRNA;

gi|19913344|ref|NM\_006527.2| Homo sapiens stem-loop binding protein (SLBP), mRNA;

gi|19913364|ref|NM\_134258.1| Homo sapiens transducin (beta)-like 1, Y-linked (TBL1Y), transcript variant 1, mRNA;

gi|19913368|ref|NM\_006453.2| Homo sapiens transducin (beta)-like 3 (TBL3), mRNA;

gi|19913386|ref|NM\_004810.2| Homo sapiens GRB2-related adaptor protein 2 (GRAP2), mRNA;

gi|19913404|ref|NM\_003286.2| Homo sapiens topoisomerase (DNA) I (TOP1), mRNA;

gi|19913407|ref|NM\_001068.2| Homo sapiens topoisomerase (DNA) II beta 180kDa (TOP2B), mRNA;

gi|19913413|ref|NM\_014203.2| Homo sapiens adaptor-related protein complex 2, alpha 1 subunit (AP2A1), mRNA;

gi|19913440|ref|NM\_002149.2| Homo sapiens hippocalcin-like 1 (HPCAL1), transcript variant 1, mRNA; gi|19913444|ref|NM\_016257.2| Homo sapiens hippocalcin like 4 (HPCAL4), mRNA;

gi|19913445|ref|NM\_002143.2| Homo sapiens hippocalcin (HPCA), mRNA;

gi|19923243|ref|NM\_004308.2| Homo sapiens Rho GTPase activating protein 1 (ARHGAP1), mRNA;

gi|19923257|ref|NM\_004567.2| Homo sapiens 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 4 (PFKFB4), mRNA;

gi|19923259|ref|NM\_004578.2| Homo sapiens RAB4A, member RAS oncogene family (RAB4A), mRNA;

gi|19923267|ref|NM\_004705.2| Homo sapiens protein-kinase, interferon-inducible double stranded RNA dependent (PKR), mRNA;

gi|19923532|ref|NM\_018425.2| Homo sapiens phosphatidylinositol 4-kinase type 2 alpha (PI4K2A), mRNA;

gi|19923571|ref|NM\_021181.3| Homo sapiens SLAM family member 7 (SLAMF7), mRNA;

gi|19923651|ref|NM\_032809.2| Homo sapiens family with sequence similarity 73, member B (FAM73B), mRNA;

gi|19923657|ref|NM\_052865.2| Homo sapiens chromosome 20 open reading frame 72 (C20orf72), mRNA;

gi|19923714|ref|NM\_138284.1| Homo sapiens interleukin 17D (IL17D), mRNA;

gi|19923829|ref|NM\_020524.2| Homo sapiens pre-B-cell leukemia homeobox interacting protein 1 (PBXIP1), mRNA;

gi|19923880|ref|NM\_138335.1| Homo sapiens glucosamine-6-phosphate deaminase 2 (GNPDA2), mRNA;

gi|19923898|ref|NM\_138363.1| Homo sapiens centrosomal protein 95kDa (CEP95), mRNA;

gi|19923900|ref|NM\_138371.1| Homo sapiens family with sequence similarity 113, member B (FAM113B), mRNA;

gi|19923918|ref|NM\_138393.1| Homo sapiens receptor accessory protein 6 (REEP6), mRNA;

gi|19923944|ref|NM\_138422.1| Homo sapiens adenosine deaminase, tRNA-specific 3 (ADAT3), mRNA;

gi|19923948|ref|NM\_138424.1| Homo sapiens kinesin family member 12 (KIF12), mRNA;

gi|19923956|ref|NM\_138431.1| Homo sapiens major facilitator superfamily domain containing 3 (MFSD3), mRNA;

gi|19923976|ref|NM\_138446.1| Homo sapiens mitochondrial assembly of ribosomal large subunit 1 (MALSL1), mRNA;

gi|19923980|ref|NM\_138451.1| Homo sapiens IQ motif containing D (IQCD), mRNA;

gi|19923986|ref|NM\_138454.1| Homo sapiens nucleoredoxin-like 1 (NXNL1), mRNA;

gi|19924137|ref|NM\_005053.2| Homo sapiens RAD23 homolog A (S. cerevisiae) (RAD23A), mRNA;

gi|19924154|ref|NM\_003721.2| Homo sapiens regulatory factor X-associated ankyrin-containing protein (RFXANK), mRNA;

gi|19924164|ref|NM\_002944.2| Homo sapiens c-ros oncogene 1, receptor tyrosine kinase (ROS1), mRNA;

gi|19924300|ref|NM\_005429.2| Homo sapiens vascular endothelial growth factor C (VEGFC), mRNA;

gi|19924303|ref|NM\_021062.2| Homo sapiens histone cluster 1, H2bb (HIST1H2BB), mRNA;

gi|199559489|ref|NM\_001134831.1| Homo sapiens Abelson helper integration site 1 (AHI1), transcript vari

gi|199559783|ref|NR\_002757.3| Homo sapiens RNA, U5B small nuclear 1 (RNU5B-1), small nuclear RNA;

gi|199559784|ref|NM\_031307.3| Homo sapiens pseudouridylate synthase 3 (PUS3), mRNA;

gi|199559953|ref|NM\_001031737.2| Homo sapiens coiled-coil domain containing 78 (CCDC78), mRNA;

gi|199560437|ref|NM\_001134876.1| Homo sapiens chromosome 14 open reading frame 80 (C14orf80), tra

gi|199560790|ref|NM\_182902.3| Homo sapiens kinesin family member 9 (KIF9), transcript variant 2, mRNA

gi|199560897|ref|NM\_152778.2| Homo sapiens major facilitator superfamily domain containing 8 (MFSD8)

gi|20069857|ref|NM\_080869.1| Homo sapiens WAP four-disulfide core domain 12 (WFDC12), mRNA;

gi|20070233|ref|NM\_006701.2| Homo sapiens thioredoxin-like 4A (TXNL4A), mRNA;

gi|20070278|ref|NM\_016144.2| Homo sapiens COMM domain containing 10 (COMMD10), mRNA;

gi|20070345|ref|NM\_025217.2| Homo sapiens UL16 binding protein 2 (ULBP2), mRNA;

gi|201023310|ref|NM\_001130446.2| Homo sapiens chromosome 10 open reading frame 131 (C10orf131),

gi|201023340|ref|NM\_001134938.1| Homo sapiens FIP1 like 1 (*S. cerevisiae*) (FIP1L1), transcript variant 3, i

gi|201025391|ref|NM\_022567.2| Homo sapiens nyctalopin (NYX), mRNA;

gi|201025394|ref|NR\_024129.1| Homo sapiens long intergenic non-protein coding RNA 92 (LINC00092), no

gi|201025398|ref|NM\_024334.2| Homo sapiens transmembrane protein 43 (TMEM43), mRNA;

gi|201025403|ref|NM\_174908.3| Homo sapiens coiled-coil domain containing 50 (CCDC50), transcript varia

gi|20127447|ref|NM\_002689.2| Homo sapiens polymerase (DNA directed), alpha 2 (70kD subunit) (POLA2),

gi|20127461|ref|NM\_004695.2| Homo sapiens solute carrier family 16, member 5 (monocarboxylic acid tra

gi|20127526|ref|NM\_013248.2| Homo sapiens NTF2-like export factor 1 (NXT1), mRNA;

gi|20127594|ref|NM\_020992.2| Homo sapiens PDZ and LIM domain 1 (PDLIM1), mRNA;

gi|20127595|ref|NM\_021146.2| Homo sapiens angiopoietin-like 7 (ANGPTL7), mRNA;

gi|20127622|ref|NM\_024102.2| Homo sapiens WD repeat domain 77 (WDR77), mRNA;

gi|20143931|ref|NM\_006911.2| Homo sapiens relaxin 1 (RLN1), mRNA;

gi|20143934|ref|NM\_005059.2| Homo sapiens relaxin 2 (RLN2), transcript variant 2, mRNA; gi|20143932|r

gi|20143980|ref|NM\_014234.3| Homo sapiens hydroxysteroid (17-beta) dehydrogenase 8 (HSD17B8), mRN

gi|20149554|ref|NM\_030666.2| Homo sapiens serpin peptidase inhibitor, clade B (ovalbumin), member 1 (:

gi|20149593|ref|NM\_007355.2| Homo sapiens heat shock protein 90kDa alpha (cytosolic), class B member

gi|20149650|ref|NM\_018034.2| Homo sapiens WD repeat domain 70 (WDR70), mRNA;

gi|20149678|ref|NM\_024585.2| Homo sapiens armadillo repeat containing 7 (ARMC7), mRNA;

gi|20149694|ref|NM\_025232.2| Homo sapiens receptor accessory protein 4 (REEP4), mRNA;

gi|201860220|ref|NR\_004431.2| Homo sapiens ghrelin opposite strand/antisense RNA (non-protein coding

gi|201860266|ref|NM\_015419.3| Homo sapiens matrix-remodelling associated 5 (MXRA5), mRNA;

gi|201860288|ref|NR\_024136.1| Homo sapiens ghrelin/obestatin prepropeptide (GHRL), transcript variant :

gi|201860298|ref|NM\_016437.2| Homo sapiens tubulin, gamma 2 (TUBG2), mRNA;

gi|201860299|ref|NM\_003977.2| Homo sapiens aryl hydrocarbon receptor interacting protein (AIP), mRNA

gi|201860301|ref|NM\_014455.2| Homo sapiens ring finger protein 115 (RNF115), mRNA;

gi|201861714|ref|NM\_004847.3| Homo sapiens allograft inflammatory factor 1 (AIF1), transcript variant 2,

gi|201861792|ref|NM\_006832.2| Homo sapiens fermitin family member 2 (FERMT2), transcript variant 1, n

gi|201862059|ref|NM\_024114.3| Homo sapiens tripartite motif containing 48 (TRIM48), mRNA;

gi|201862209|ref|NM\_007198.3| Homo sapiens proline synthetase co-transcribed homolog (bacterial) (PRC

gi|20270306|ref|NM\_138770.1| Homo sapiens coiled-coil domain containing 74A (CCDC74A), mRNA;

gi|20270310|ref|NM\_138773.1| Homo sapiens solute carrier family 25, member 46 (SLC25A46), mRNA;

gi|20270348|ref|NM\_138798.1| Homo sapiens MIT, microtubule interacting and transport, domain contain

gi|20270352|ref|NM\_138800.1| Homo sapiens tripartite motif containing 43 (TRIM43), mRNA;



gi|20270356|ref|NM\_138802.1| Homo sapiens zinc finger, AN1-type domain 2B (ZFAND2B), mRNA;

gi|20302146|ref|NM\_138564.1| Homo sapiens kallikrein-related peptidase 15 (KLK15), transcript variant 3,

gi|20302148|ref|NM\_006330.2| Homo sapiens lysophospholipase I (LYPLA1), mRNA;

gi|20302149|ref|NM\_007260.2| Homo sapiens lysophospholipase II (LYPLA2), mRNA;

gi|20302159|ref|NM\_005999.2| Homo sapiens translin-associated factor X (TSNAX), mRNA;

gi|20302160|ref|NM\_004622.2| Homo sapiens translin (TSN), mRNA;

gi|20302163|ref|NM\_013268.2| Homo sapiens lectin, galactoside-binding, soluble, 13 (LGALS13), mRNA;

gi|203096855|ref|NM\_198525.2| Homo sapiens kinesin family member 7 (KIF7), mRNA;

gi|203097002|ref|NM\_020824.3| Homo sapiens Rho GTPase activating protein 21 (ARHGAP21), mRNA;

gi|203097228|ref|NM\_017952.5| Homo sapiens pentatricopeptide repeat domain 3 (PTCD3), nuclear gene

gi|203097357|ref|NM\_018320.4| Homo sapiens ring finger protein 121 (RNF121), transcript variant 1, mRNA

gi|203097723|ref|NM\_001007540.2| Homo sapiens cadherin-related family member 4 (CDHR4), mRNA;

gi|203097875|ref|NM\_022780.3| Homo sapiens required for meiotic nuclear division 5 homolog A (S. cerev

gi|203098012|ref|NM\_017750.3| Homo sapiens retinol saturase (all-trans-retinol 13,14-reductase) (RETSAT

gi|203098097|ref|NM\_020859.3| Homo sapiens shroom family member 3 (SHROOM3), mRNA;

gi|203098333|ref|NM\_032133.4| Homo sapiens MYCBP associated protein (MYCBPAP), mRNA;

gi|203098538|ref|NM\_001135022.1| Homo sapiens ELMO/CED-12 domain containing 3 (ELMOD3), transcri

gi|203098815|ref|NM\_001135024.1| Homo sapiens pyruvate dehydrogenase complex, component X (PDH)

gi|203098918|ref|NM\_152670.2| Homo sapiens chromosome 2 open reading frame 51 (C2orf51), mRNA;

gi|203098994|ref|NM\_052885.3| Homo sapiens solute carrier family 2 (facilitated glucose transporter), me

gi|20336189|ref|NM\_138324.1| Homo sapiens proprotein convertase subtilisin/kexin type 6 (PCSK6), trans

gi|20336193|ref|NM\_002569.2| Homo sapiens furin (paired basic amino acid cleaving enzyme) (FURIN), mR

gi|20336213|ref|NM\_013267.2| Homo sapiens glutaminase 2 (liver, mitochondrial) (GLS2), nuclear gene en

gi|20336240|ref|NM\_013271.2| Homo sapiens proprotein convertase subtilisin/kexin type 1 inhibitor (PCSK

gi|20336247|ref|NM\_004716.2| Homo sapiens proprotein convertase subtilisin/kexin type 7 (PCSK7), mRN

gi|20336273|ref|NM\_134425.1| Homo sapiens solute carrier family 26 (sulfate transporter), member 1 (SLC

gi|20336280|ref|NM\_052832.2| Homo sapiens solute carrier family 26, member 7 (SLC26A7), transcript var

gi|20336296|ref|NM\_022779.7| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 31 (DDX31), transc

gi|20336299|ref|NM\_018180.2| Homo sapiens DEAH (Asp-Glu-Ala-His) box polypeptide 32 (DHX32), mRNA;

gi|20336328|ref|NM\_020396.2| Homo sapiens BCL2-like 10 (apoptosis facilitator) (BCL2L10), mRNA;

gi|20336334|ref|NM\_138578.1| Homo sapiens BCL2-like 1 (BCL2L1), nuclear gene encoding mitochondrial

gi|20336476|ref|NM\_004765.2| Homo sapiens B-cell CLL/lymphoma 7C (BCL7C), mRNA;

gi|20336753|ref|NM\_021058.3| Homo sapiens histone cluster 1, H2bj (HIST1H2BJ), mRNA;

gi|20357543|ref|NM\_133326.1| Homo sapiens ATPase, H<sup>+</sup> transporting, lysosomal 13kDa, V1 subunit G3 (A

gi|20357567|ref|NM\_015423.2| Homo sapiens amino adipate-semialdehyde dehydrogenase-phosphopante

gi|20357592|ref|NM\_057176.2| Homo sapiens Bartter syndrome, infantile, with sensorineural deafness (Ba

gi|20522261|ref|NM\_000767.4| Homo sapiens cytochrome P450, family 2, subfamily B, polypeptide 6 (CYP

gi|205277317|ref|NM\_004946.2| Homo sapiens dedicator of cytokinesis 2 (DOCK2), mRNA;

gi|205277328|ref|NR\_024151.1| Homo sapiens heat shock 70kDa protein 7 (HSP70B) (HSPA7), non-coding l

gi|205277331|ref|NM\_012476.2| Homo sapiens ventral anterior homeobox 2 (VAX2), mRNA;

gi|205277341|ref|NM\_017832.3| Homo sapiens family with sequence similarity 206, member A (FAM206A)

gi|205277342|ref|NM\_004188.4| Homo sapiens growth factor independent 1B transcription repressor (GFI

gi|205277347|ref|NM\_015727.2| Homo sapiens tachykinin receptor 1 (TACR1), transcript variant short, mR

gi|205277348|ref|NM\_001135032.1| Homo sapiens family with sequence similarity 176, member A (FAM17

gi|205277351|ref|NM\_001042473.2| Homo sapiens acyl-CoA binding domain containing 5 (ACBD5), transcr

gi|205277359|ref|NM\_024421.2| Homo sapiens desmocollin 1 (DSC1), transcript variant Dsc1a, mRNA; gi|2

gi|205277363|ref|NM\_001135036.1| Homo sapiens family with sequence similarity 18, member B2 (FAM18

gi|205277367|ref|NM\_005927.4| Homo sapiens microfibrillar-associated protein 3 (MFAP3), transcript vari  
 gi|205277371|ref|NR\_015431.1| Homo sapiens uncharacterized LOC378805 (FLJ43663), transcript variant 1  
 gi|205277372|ref|NM\_004440.3| Homo sapiens EPH receptor A7 (EPHA7), mRNA;  
 gi|205277377|ref|NM\_152430.3| Homo sapiens olfactory receptor, family 51, subfamily E, member 1 (OR5  
 gi|205277382|ref|NM\_020998.3| Homo sapiens macrophage stimulating 1 (hepatocyte growth factor-like)  
 gi|205277384|ref|NM\_005953.3| Homo sapiens metallothionein 2A (MT2A), mRNA;  
 gi|205277387|ref|NM\_002516.2| Homo sapiens neuro-oncological ventral antigen 2 (NOVA2), mRNA;  
 gi|205277393|ref|NM\_001042532.2| Homo sapiens CoA synthase (COASY), nuclear gene encoding mitoch  
 gi|205277408|ref|NM\_139069.2| Homo sapiens mitogen-activated protein kinase 9 (MAPK9), transcript vari  
 gi|205277414|ref|NM\_000537.3| Homo sapiens renin (REN), mRNA;  
 gi|205277415|ref|NM\_130469.3| Homo sapiens Jun dimerization protein 2 (JDP2), transcript variant 1, mRN  
 gi|205277424|ref|NM\_001135050.1| Homo sapiens immunoglobulin superfamily, member 9 (IGSF9), trans  
 gi|205277428|ref|NM\_001135051.1| Homo sapiens family with sequence similarity 160, member B1 (FAM1  
 gi|205277436|ref|NM\_017583.4| Homo sapiens tripartite motif containing 44 (TRIM44), mRNA;  
 gi|205277446|ref|NM\_003584.2| Homo sapiens dual specificity phosphatase 11 (RNA/RNP complex 1-inter  
 gi|205277450|ref|NM\_001135054.1| Homo sapiens single immunoglobulin and toll-interleukin 1 receptor (  
 gi|205277452|ref|NM\_016058.2| Homo sapiens TP53RK binding protein (TPRKB), mRNA;  
 gi|205277455|ref|NM\_000330.3| Homo sapiens retinoschisin 1 (RS1), mRNA;  
 gi|205277457|ref|NM\_022078.2| Homo sapiens G patch domain containing 3 (GPATCH3), mRNA;  
 gi|205277459|ref|NM\_014755.2| Homo sapiens SERTA domain containing 2 (SERTAD2), mRNA;  
 gi|205277460|ref|NM\_080606.3| Homo sapiens basic helix-loop-helix family, member e23 (BHLHE23), mRN  
 gi|205277470|ref|NM\_001135058.1| Homo sapiens coagulation factor C homolog, cochlin (Limulus polyph  
 gi|205277473|ref|NR\_001548.2| Homo sapiens testis-specific transcript, Y-linked 11 (non-protein coding) (T  
 gi|205360845|ref|NM\_021161.4| Homo sapiens potassium channel, subfamily K, member 10 (KCNK10), tra  
 gi|205360904|ref|NM\_001135086.1| Homo sapiens protease, serine, 41 (PRSS41), mRNA;  
 gi|205360924|ref|NM\_001135092.1| Homo sapiens mucin 15, cell surface associated (MUC15), transcript v  
 gi|205360929|ref|NM\_020947.3| Homo sapiens KIAA1609 (KIAA1609), mRNA;  
 gi|205360931|ref|NM\_022763.3| Homo sapiens fibronectin type III domain containing 3B (FNDC3B), trans  
 gi|205360939|ref|NM\_173355.3| Homo sapiens uridine phosphorylase 2 (UPP2), transcript variant 1, mRN  
 gi|205360953|ref|NM\_001009944.2| Homo sapiens polycystic kidney disease 1 (autosomal dominant) (PKD  
 gi|205360955|ref|NM\_001135101.1| Homo sapiens cysteine-rich with EGF-like domains 2 (CRELD2), trans  
 gi|205360976|ref|NM\_024552.2| Homo sapiens ceramide synthase 4 (CERS4), mRNA;  
 gi|205360982|ref|NM\_001135106.1| Homo sapiens potassium channel, subfamily K, member 16 (KCNK16),  
 gi|205360986|ref|NM\_005680.2| Homo sapiens TATA box binding protein (TBP)-associated factor, RNA pol  
 gi|205360988|ref|NM\_153689.5| Homo sapiens chromosome 2 open reading frame 69 (C2orf69), mRNA;  
 gi|205361108|ref|NM\_024717.4| Homo sapiens multiple C2 domains, transmembrane 1 (MCTP1), transcrip  
 gi|205361119|ref|NM\_001005386.2| Homo sapiens ARP2 actin-related protein 2 homolog (yeast) (ACTR2),  
 gi|205361123|ref|NM\_001135113.1| Homo sapiens IGF-like family member 2 (IGFL2), transcript variant 2, r  
 gi|205441138|ref|NM\_130773.2| Homo sapiens contactin associated protein-like 5 (CNTNAP5), mRNA;  
 gi|205441161|ref|NM\_005320.2| Homo sapiens histone cluster 1, H1d (HIST1H1D), mRNA;  
 gi|205441164|ref|NM\_005321.2| Homo sapiens histone cluster 1, H1e (HIST1H1E), mRNA;  
 gi|205441167|ref|NM\_005323.3| Homo sapiens histone cluster 1, H1t (HIST1H1T), mRNA;  
 gi|205830404|ref|NM\_001135147.1| Homo sapiens solute carrier family 39 (zinc transporter), member 8 (S  
 gi|205830421|ref|NM\_015359.4| Homo sapiens solute carrier family 39 (zinc transporter), member 14 (SLC  
 gi|205830429|ref|NM\_001135155.1| Homo sapiens D4, zinc and double PHD fingers family 1 (DPF1), transc  
 gi|205830444|ref|NR\_024157.1| Homo sapiens DiGeorge syndrome critical region gene 11 (DGCR11), non-c  
 gi|205830452|ref|NM\_001135162.1| Homo sapiens catechol-O-methyltransferase (COMT), transcript varia

gi|205830458|ref|NR\_024158.1| Homo sapiens uncharacterized LOC25845 (PP7080), non-coding RNA;

gi|205830460|ref|NR\_024159.1| Homo sapiens DiGeorge syndrome critical region gene 9 (DGCR9), non-coding RNA;

gi|205830469|ref|NM\_052884.2| Homo sapiens sialic acid binding Ig-like lectin 11 (SIGLEC11), transcript variant 1, mRNA;

gi|206597438|ref|NM\_001135167.1| Homo sapiens aldehyde dehydrogenase 3 family, member A1 (ALDH3A1), mRNA;

gi|206597451|ref|NM\_001135170.1| Homo sapiens C1q and tumor necrosis factor related protein 7 (C1QTNF7), mRNA;

gi|206597469|ref|NM\_001135177.1| Homo sapiens neural precursor cell expressed, developmentally downregulated 1 (NPCE1), mRNA;

gi|206597475|ref|NM\_016598.2| Homo sapiens zinc finger, DHHC-type containing 3 (ZDHHC3), transcript variant 1, mRNA;

gi|206597480|ref|NM\_203436.2| Homo sapiens achaete-scute complex homolog 4 (Drosophila) (ASCL4), mRNA;

gi|206597486|ref|NM\_001135181.1| Homo sapiens solute carrier family 5 (sodium/glucose cotransporter), member 12 (SLC5A12), mRNA;

gi|206597501|ref|NM\_001135186.1| Homo sapiens ABI family, member 3 (ABI3), transcript variant 2, mRNA;

gi|206597503|ref|NM\_004504.4| Homo sapiens ArfGAP with FG repeats 1 (AGFG1), transcript variant 2, mRNA;

gi|206597510|ref|NM\_013378.2| Homo sapiens pre-B lymphocyte 3 (VPREB3), mRNA;

gi|206597512|ref|NM\_015242.4| Homo sapiens ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 1 (ARFGAP1), mRNA;

gi|206597516|ref|NM\_001859.3| Homo sapiens solute carrier family 31 (copper transporters), member 1 (SLC31A1), mRNA;

gi|206597519|ref|NM\_000625.4| Homo sapiens nitric oxide synthase 2, inducible (NOS2), mRNA;

gi|206597520|ref|NM\_003887.2| Homo sapiens ArfGAP with SH3 domain, ankyrin repeat and PH domain 2 (ARFGAP2), mRNA;

gi|206597531|ref|NR\_024160.1| Homo sapiens uncharacterized LOC79100 (MGC4473), non-coding RNA;

gi|206597534|ref|NM\_001639.3| Homo sapiens amyloid P component, serum (APCS), mRNA;

gi|206597540|ref|NM\_001135195.1| Homo sapiens solute carrier family 39 (metal ion transporter), member 1 (SLC39A1), mRNA;

gi|206597542|ref|NM\_001135196.1| Homo sapiens chromosome 10 open reading frame 71 (C10orf71), transcript variant 1, mRNA;

gi|206597545|ref|NM\_001018066.2| Homo sapiens neurotrophic tyrosine kinase, receptor, type 2 (NTRK2), mRNA;

gi|206597548|ref|NM\_001135197.1| Homo sapiens coiled-coil domain containing 36 (CCDC36), transcript variant 1, mRNA;

gi|206597552|ref|NM\_173475.2| Homo sapiens DCN1, defective in cullin neddylation 1, domain containing 1 (DCN1), mRNA;

gi|206597553|ref|NM\_207365.3| Homo sapiens arylacetamide deacetylase-like 2 (AADACL2), mRNA;

gi|206597555|ref|NM\_138433.3| Homo sapiens kelch domain containing 7B (KLHDC7B), mRNA;

gi|206725412|ref|NM\_004481.3| Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetyltransferase 1 (UGAT1), mRNA;

gi|206725421|ref|NM\_001135214.1| Homo sapiens G protein-coupled receptor kinase interacting ArfGAP 2 (GRIK2), mRNA;

gi|206725423|ref|NM\_198446.2| Homo sapiens chromosome 1 open reading frame 122 (C1orf122), transcript variant 1, mRNA;

gi|206725425|ref|NM\_002245.3| Homo sapiens potassium channel, subfamily K, member 1 (KCNK1), mRNA;

gi|206725426|ref|NM\_002379.3| Homo sapiens matrilin 1, cartilage matrix protein (MATN1), mRNA;

gi|206725431|ref|NM\_030899.4| Homo sapiens zinc finger protein 323 (ZNF323), transcript variant 1, mRNA;

gi|206725435|ref|NM\_003026.2| Homo sapiens SH3-domain GRB2-like 2 (SH3GL2), mRNA;

gi|206725442|ref|NM\_201650.2| Homo sapiens leucine rich repeat containing 23 (LRRC23), transcript variant 1, mRNA;

gi|206725448|ref|NM\_005644.3| Homo sapiens TAF12 RNA polymerase II, TATA box binding protein (TBP)-associated factor 12 (TAF12), mRNA;

gi|206725451|ref|NM\_178449.3| Homo sapiens parathyroid hormone 2 (PTH2), mRNA;

gi|206725455|ref|NM\_180990.3| Homo sapiens zinc activated ligand-gated ion channel (ZACN), mRNA;

gi|206725457|ref|NM\_152289.2| Homo sapiens zinc finger protein 561 (ZNF561), mRNA;

gi|206725513|ref|NR\_024162.1| Homo sapiens FK506 binding protein 1A, 12kDa pseudogene 1 (FKBP1AP1), non-coding RNA;

gi|206725519|ref|NM\_004116.3| Homo sapiens FK506 binding protein 1B, 12.6 kDa (FKBP1B), transcript variant 1, mRNA;

gi|206725525|ref|NM\_153253.29| Homo sapiens signal-induced proliferation-associated 1 (SIPA1), transcript variant 1, mRNA;

gi|206725528|ref|NM\_057092.2| Homo sapiens FK506 binding protein 2, 13kDa (FKBP2), transcript variant 1, mRNA;

gi|206725536|ref|NM\_002013.3| Homo sapiens FK506 binding protein 3, 25kDa (FKBP3), mRNA;

gi|206725537|ref|NR\_024163.1| Homo sapiens CDC28 protein kinase regulatory subunit 1B (CKS1B), non-coding RNA;

gi|206725538|ref|NM\_002014.3| Homo sapiens FK506 binding protein 4, 59kDa (FKBP4), mRNA;

gi|206725541|ref|NM\_001841.2| Homo sapiens cannabinoid receptor 2 (macrophage) (CNR2), mRNA;

gi|206725545|ref|NM\_181342.2| Homo sapiens FK506 binding protein 7 (FKBP7), transcript variant 1, mRNA;

gi|206725550|ref|NM\_004958.3| Homo sapiens mechanistic target of rapamycin (serine/threonine kinase) (mTOR), mRNA;

gi|207028087|ref|NM\_002957.4| Homo sapiens retinoid X receptor, alpha (RXRA), mRNA;

gi|207028156|ref|NM\_130906.2| Homo sapiens peptidylprolyl isomerase (cyclophilin)-like 3 (PPIL3), transcript

gi|207028177|ref|NR\_024167.1| Homo sapiens uncharacterized LOC81854 (MGC3771), transcript variant 2

gi|207028465|ref|NM\_005566.3| Homo sapiens lactate dehydrogenase A (LDHA), transcript variant 1, mRNA

gi|207028531|ref|NM\_017448.3| Homo sapiens lactate dehydrogenase C (LDHC), transcript variant 2, mRNA

gi|207028588|ref|NM\_021970.3| Homo sapiens late endosomal/lysosomal adaptor, MAPK and MTOR activ

gi|207028747|ref|NM\_001135242.1| Homo sapiens N-myc downstream regulated 1 (NDRG1), transcript va

gi|207028780|ref|NM\_001080456.2| Homo sapiens zinc finger and SCAN domain containing 5B (ZSCAN5B),

gi|207028804|ref|NM\_007371.3| Homo sapiens bromodomain containing 3 (BRD3), mRNA;

gi|207028820|ref|NM\_001080504.2| Homo sapiens RNA binding motif protein 44 (RBM44), mRNA;

gi|207028904|ref|NM\_001135247.1| Homo sapiens microfibrillar-associated protein 2 (MFAP2), transcript

gi|207029159|ref|NM\_002732.3| Homo sapiens protein kinase, cAMP-dependent, catalytic, gamma (PRKAC

gi|207029268|ref|NM\_002584.2| Homo sapiens paired box 7 (PAX7), transcript variant 1, mRNA; gi|207029

gi|207029298|ref|NM\_199347.2| Homo sapiens NIMA (never in mitosis gene a)- related kinase 10 (NEK10),

gi|207029300|ref|NR\_024172.1| Homo sapiens uncharacterized LOC91948 (LOC91948), transcript variant 1

gi|207029343|ref|NM\_021111.2| Homo sapiens reversion-inducing-cysteine-rich protein with kazal motifs (

gi|207029354|ref|NR\_015454.1| Homo sapiens MAFG antisense RNA 1 (non-protein coding) (MAFG-AS1), n

gi|207029365|ref|NM\_001024674.2| Homo sapiens lin-52 homolog (C. elegans) (LIN52), mRNA;

gi|207029414|ref|NM\_001135255.1| Homo sapiens retinoblastoma binding protein 4 (RBBP4), transcript va

gi|207030317|ref|NM\_006200.3| Homo sapiens proprotein convertase subtilisin/kexin type 5 (PCSK5), tran

gi|207113123|ref|NM\_001135557.1| Homo sapiens dynein, cytoplasmic 1, intermediate chain 1 (DYNC111),

gi|207113127|ref|NR\_024178.1| Homo sapiens tyrosine 3-monooxygenase/tryptophan 5-monooxygenase :

gi|207113128|ref|NR\_002819.2| Homo sapiens metastasis associated lung adenocarcinoma transcript 1 (nc

gi|207113129|ref|NM\_144709.2| Homo sapiens pseudouridylate synthase 10 (PUS10), mRNA;

gi|207113131|ref|NM\_002618.3| Homo sapiens peroxisomal biogenesis factor 13 (PEX13), mRNA;

gi|207113132|ref|NM\_001129908.2| Homo sapiens family with sequence similarity 198, member A (FAM19

gi|207113138|ref|NM\_206918.2| Homo sapiens delta(4)-desaturase, sphingolipid 2 (DEGS2), mRNA;

gi|207113141|ref|NM\_006120.3| Homo sapiens major histocompatibility complex, class II, DM alpha (HLA-D

gi|207113146|ref|NM\_001135564.1| Homo sapiens heat shock transcription factor 2 (HSF2), transcript vari

gi|207113151|ref|NM\_001126063.2| Homo sapiens KH homology domain containing 1-like (KHDC1L), mRNA

gi|207113179|ref|NM\_001145.4| Homo sapiens angiogenin, ribonuclease, RNase A family, 5 (ANG), transcri

gi|207113192|ref|NM\_004064.3| Homo sapiens cyclin-dependent kinase inhibitor 1B (p27, Kip1) (CDKN1B),

gi|207438650|ref|NM\_001135570.1| Homo sapiens chromosome 12 open reading frame 73 (C12orf73), mRNA

gi|207440660|ref|NM\_001135575.1| Homo sapiens chromosome 6 open reading frame 228 (C6orf228), mRNA

gi|207442674|ref|NM\_015543.1| Homo sapiens RAB1A, member RAS oncogene family (RAB1A), transcript

gi|207442676|ref|NM\_001135580.1| Homo sapiens chromosome 19 open reading frame 71 (C19orf71), mRNA

gi|207444684|ref|NM\_024068.3| Homo sapiens oligonucleotide/oligosaccharide-binding fold containing 2B

gi|207444686|ref|NM\_032148.3| Homo sapiens solute carrier family 41, member 2 (SLC41A2), mRNA;

gi|207446693|ref|NR\_002907.2| Homo sapiens small nucleolar RNA, H/ACA box 73A (SNORA73A), small nu

gi|207446701|ref|NM\_003039.2| Homo sapiens solute carrier family 2 (facilitated glucose/fructose transpo

gi|207448704|ref|NM\_032293.4| Homo sapiens GTPase activating Rap/RanGAP domain-like 3 (GARNL3), m

gi|207450710|ref|NM\_001135586.1| Homo sapiens chromosome 5 open reading frame 24 (C5orf24), trans

gi|207450720|ref|NM\_001135589.1| Homo sapiens ganglioside induced differentiation associated protein :

gi|207450726|ref|NR\_024181.1| Homo sapiens zinc finger protein 577 (ZNF577), transcript variant 3, non-c

gi|207450730|ref|NM\_058230.2| Homo sapiens zinc finger protein 354B (ZNF354B), mRNA;

gi|208022627|ref|NR\_000039.2| Homo sapiens RAB9B, member RAS oncogene family pseudogene 1 (RAB9

gi|208022628|ref|NM\_004887.4| Homo sapiens chemokine (C-X-C motif) ligand 14 (CXCL14), mRNA;

gi|208022630|ref|NM\_014757.4| Homo sapiens mastermind-like 1 (Drosophila) (MAML1), mRNA;

gi|208022633|ref|NM\_018084.4| Homo sapiens coiled-coil domain containing 88A (CCDC88A), transcript variant 1, mRNA;

gi|208022634|ref|NM\_001079827.2| Homo sapiens clarin 2 (CLRN2), mRNA;

gi|208022638|ref|NM\_001135598.1| Homo sapiens chromosome 2 open reading frame 63 (C2orf63), transcript variant 1, mRNA;

gi|208022640|ref|NM\_003198.2| Homo sapiens transcription elongation factor B (SIII), polypeptide 3 (110kDa), mRNA;

gi|208022644|ref|NM\_183323.2| Homo sapiens poly(A) binding protein interacting protein 1 (PAIP1), transcript variant 1, mRNA;

gi|208022648|ref|NR\_024182.1| Homo sapiens long intergenic non-protein coding RNA 521 (LINC00521), transcript variant 1, non-coding RNA;

gi|208022656|ref|NM\_018153.3| Homo sapiens anthrax toxin receptor 1 (ANTXR1), transcript variant 3, mRNA;

gi|208022659|ref|NM\_000865.2| Homo sapiens 5-hydroxytryptamine (serotonin) receptor 1E, G protein-coupled receptor type 1A, mRNA;

gi|208022660|ref|NM\_001037806.3| Homo sapiens NCK-associated protein 5-like (NCKAP5L), mRNA;

gi|208022664|ref|NM\_003272.3| Homo sapiens G protein-coupled receptor 137B (GPR137B), mRNA;

gi|208022667|ref|NM\_001135604.1| Homo sapiens endothelial cell-specific molecule 1 (ESM1), transcript variant 1, mRNA;

gi|208022671|ref|NR\_002719.2| Homo sapiens topoisomerase (DNA) I pseudogene 1 (TOP1P1), non-coding RNA;

gi|208022676|ref|NM\_003395.2| Homo sapiens wingless-type MMTV integration site family, member 9A (WIF1), transcript variant 1, mRNA;

gi|208022677|ref|NM\_198534.2| Homo sapiens chromosome 19 open reading frame 45 (C19orf45), mRNA;

gi|208022688|ref|NR\_002229.2| Homo sapiens ribosomal protein L23a pseudogene 32 (RPL23AP32), non-coding RNA;

gi|208022689|ref|NM\_012231.4| Homo sapiens PR domain containing 2, with ZNF domain (PRDM2), transcript variant 1, mRNA;

gi|20809251|ref|NM\_022561.2| Homo sapiens growth hormone 1 (GH1), transcript variant 4, mRNA; gi|20809254|ref|NM\_022557.2| Homo sapiens growth hormone 2 (GH2), transcript variant 2, mRNA; gi|20809255|ref|NM\_022557.2| Homo sapiens growth hormone 2 (GH2), transcript variant 2, mRNA;

gi|20819978|ref|NM\_020991.3| Homo sapiens chorionic somatomammotropin hormone 2 (CSH2), transcript variant 1, mRNA;

gi|208431708|ref|NM\_031950.3| Homo sapiens fibroblast growth factor binding protein 2 (FGFBP2), mRNA;

gi|208431709|ref|NM\_015071.4| Homo sapiens Rho GTPase activating protein 26 (ARHGAP26), transcript variant 1, mRNA;

gi|208431749|ref|NM\_145899.2| Homo sapiens high mobility group AT-hook 1 (HMGA1), transcript variant 1, mRNA;

gi|208431770|ref|NM\_001135635.1| Homo sapiens chromosome 11 open reading frame 68 (C11orf68), transcript variant 1, mRNA;

gi|208431772|ref|NM\_002648.3| Homo sapiens pim-1 oncogene (PIM1), transcript variant 1, mRNA; gi|208431773|ref|NM\_001135636.1| Homo sapiens phosphatidylinositol-4-phosphate 5-kinase, type I, alpha (PIK4A), transcript variant 1, mRNA;

gi|208431780|ref|NM\_001135639.1| Homo sapiens cyclic nucleotide gated channel beta 1 (CNGB1), transcript variant 1, mRNA;

gi|208431794|ref|NM\_001135644.1| Homo sapiens dynactin 4 (p62) (DCTN4), transcript variant 3, mRNA; gi|208431803|ref|NM\_021969.2| Homo sapiens nuclear receptor subfamily 0, group B, member 2 (NR0B2), transcript variant 1, mRNA;

gi|208431804|ref|NM\_002793.3| Homo sapiens proteasome (prosome, macropain) subunit, beta type, 1 (PSMD1), transcript variant 1, mRNA;

gi|208431811|ref|NM\_016605.2| Homo sapiens family with sequence similarity 53, member C (FAM53C), transcript variant 1, mRNA;

gi|208431812|ref|NM\_003768.3| Homo sapiens phosphoprotein enriched in astrocytes 15 (PEA15), mRNA;

gi|208431814|ref|NM\_001135648.1| Homo sapiens protein tyrosine phosphatase, receptor type, K (PTPRK), transcript variant 1, mRNA;

gi|208431816|ref|NM\_138370.2| Homo sapiens protein kinase domain containing, cytoplasmic homolog (PRKCI), transcript variant 1, mRNA;

gi|208431818|ref|NM\_016218.2| Homo sapiens polymerase (DNA directed) kappa (POLK), mRNA;

gi|208431821|ref|NM\_020199.2| Homo sapiens chromosome 5 open reading frame 15 (C5orf15), mRNA;

gi|208431822|ref|NM\_003783.3| Homo sapiens UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 1, mRNA;

gi|208431823|ref|NM\_001135649.1| Homo sapiens forkhead box I3 (FOXI3), mRNA;

gi|208431830|ref|NM\_020768.3| Homo sapiens potassium channel tetramerisation domain containing 16 (KCTD16), transcript variant 1, mRNA;

gi|208431831|ref|NM\_022483.4| Homo sapiens chromosome 5 open reading frame 28 (C5orf28), mRNA;

gi|208431832|ref|NM\_001135653.1| Homo sapiens poly(A) binding protein, cytoplasmic 4 (inducible form) (PABPC4), transcript variant 1, mRNA;

gi|208431839|ref|NM\_001135655.1| Homo sapiens lymphocyte antigen 6 complex, locus H (LY6H), transcript variant 1, mRNA;

gi|208609944|ref|NR\_001282.2| Homo sapiens protocadherin beta 19 pseudogene (PCDHB19P), non-coding RNA;

gi|208609947|ref|NM\_130809.3| Homo sapiens proline-rich coiled-coil 1 (PRRC1), mRNA;

gi|208609955|ref|NM\_138735.2| Homo sapiens neurexin 1 (NRXN1), transcript variant beta, mRNA; gi|208609956|ref|NM\_138735.2| Homo sapiens neurexin 1 (NRXN1), transcript variant beta, mRNA;

gi|208609961|ref|NM\_001135662.1| Homo sapiens RAB7, member RAS oncogene family-like 1 (RAB7L1), transcript variant 1, mRNA;

gi|208609971|ref|NM\_198392.2| Homo sapiens transcription factor 21 (TCF21), transcript variant 1, mRNA;

gi|208609975|ref|NM\_005181.3| Homo sapiens carbonic anhydrase III, muscle specific (CA3), mRNA;

gi|208609981|ref|NM\_001135669.1| Homo sapiens xenotropic and polytropic retrovirus receptor 1 (XPR1),

gi|208609983|ref|NM\_000174.3| Homo sapiens glycoprotein IX (platelet) (GP9), mRNA;

gi|208609984|ref|NM\_005490.2| Homo sapiens SH2 domain containing 3A (SH2D3A), mRNA;

gi|208609986|ref|NM\_014655.2| Homo sapiens solute carrier family 25, member 44 (SLC25A44), mRNA;

gi|208609991|ref|NM\_012331.3| Homo sapiens methionine sulfoxide reductase A (MSRA), transcript variar

gi|208609996|ref|NM\_014765.2| Homo sapiens translocase of outer mitochondrial membrane 20 homolog

gi|208609998|ref|NM\_014864.3| Homo sapiens family with sequence similarity 20, member B (FAM20B), n

gi|208609999|ref|NM\_022374.2| Homo sapiens atlastin GTPase 2 (ATL2), transcript variant 1, mRNA; gi|20

gi|208610006|ref|NM\_014875.2| Homo sapiens kinesin family member 14 (KIF14), mRNA;

gi|208610007|ref|NM\_006335.2| Homo sapiens translocase of inner mitochondrial membrane 17 homolog

gi|208610008|ref|NM\_138779.3| Homo sapiens testis expressed 30 (TEX30), mRNA;

gi|208610016|ref|NM\_138436.3| Homo sapiens chromosome 8 open reading frame 40 (C8orf40), transcrip

gi|208610034|ref|NM\_001014279.2| Homo sapiens annexin A2 receptor (ANXA2R), mRNA;

gi|208610042|ref|NM\_130766.2| Homo sapiens inositol polyphosphate-5-phosphatase K (INPP5K), transcri

gi|208879409|ref|NM\_004096.4| Homo sapiens eukaryotic translation initiation factor 4E binding protein 2

gi|208879422|ref|NM\_001135685.1| Homo sapiens leukocyte receptor tyrosine kinase (LTK), transcript var

gi|208879424|ref|NM\_016940.2| Homo sapiens RWD domain containing 2B (RWDD2B), mRNA;

gi|208879428|ref|NM\_001135686.1| Homo sapiens T cell-interacting, activating receptor on myeloid cells 1

gi|208879436|ref|NM\_001127461.2| Homo sapiens NLR family, pyrin domain containing 3 (NLRP3), transcr

gi|208879445|ref|NM\_001135690.1| Homo sapiens proenkephalin (PENK), transcript variant 1, mRNA; gi|2

gi|208879448|ref|NM\_006265.2| Homo sapiens RAD21 homolog (S. pombe) (RAD21), mRNA;

gi|208879450|ref|NM\_002638.3| Homo sapiens peptidase inhibitor 3, skin-derived (PI3), mRNA;

gi|208879455|ref|NM\_018129.3| Homo sapiens pyridoxamine 5'-phosphate oxidase (PNPO), mRNA;

gi|208879457|ref|NM\_021021.3| Homo sapiens syntrophin, beta 1 (dystrophin-associated protein A1, 59kD

gi|208879458|ref|NM\_005655.2| Homo sapiens Kruppel-like factor 10 (KLF10), transcript variant 1, mRNA;

gi|208879462|ref|NM\_033016.2| Homo sapiens platelet-derived growth factor beta polypeptide (PDGFB), t

gi|208879467|ref|NM\_021974.3| Homo sapiens polymerase (RNA) II (DNA directed) polypeptide F (POLR2F

gi|208879468|ref|NM\_004280.4| Homo sapiens eukaryotic translation elongation factor 1 epsilon 1 (EEF1E

gi|208973218|ref|NM\_001956.3| Homo sapiens endothelin 2 (EDN2), mRNA;

gi|208973223|ref|NR\_004401.2| Homo sapiens secretory blood group 1 (SEC1), non-coding RNA;

gi|208973225|ref|NM\_001135697.1| Homo sapiens sarcoglycan, alpha (50kDa dystrophin-associated glyco

gi|208973233|ref|NR\_024192.1| Homo sapiens histone linker H1 domain, spermatid-specific 1, pseudogene

gi|208973239|ref|NM\_001135700.1| Homo sapiens tyrosine 3-monooxygenase/tryptophan 5-monooxygen

gi|208973245|ref|NM\_000320.2| Homo sapiens quinoid dihydropteridine reductase (QDPR), mRNA;

gi|208973250|ref|NM\_003702.3| Homo sapiens regulator of G-protein signaling 20 (RGS20), transcript vari

gi|208973255|ref|NM\_003923.2| Homo sapiens forkhead box H1 (FOXH1), mRNA;

gi|208973256|ref|NM\_021020.2| Homo sapiens leucine zipper, putative tumor suppressor 1 (LZTS1), mRNA

gi|208973258|ref|NM\_178312.2| Homo sapiens gamma-glutamyltransferase light chain 1 (GGTLC1), transcr

gi|208973259|ref|NM\_058238.2| Homo sapiens wingless-type MMTV integration site family, member 7B (V

gi|208973263|ref|NM\_004782.3| Homo sapiens synaptosomal-associated protein, 29kDa (SNAP29), mRNA;

gi|208973264|ref|NM\_016027.2| Homo sapiens lactamase, beta 2 (LACTB2), mRNA;

gi|208973265|ref|NM\_030780.3| Homo sapiens solute carrier family 25 (mitochondrial folate carrier) , mer

gi|209180414|ref|NM\_016353.4| Homo sapiens zinc finger, DHHC-type containing 2 (ZDHHC2), mRNA;

gi|209180415|ref|NM\_000486.5| Homo sapiens aquaporin 2 (collecting duct) (AQP2), mRNA;

gi|209180416|ref|NM\_018068.3| Homo sapiens piwi-like 2 (Drosophila) (PIWIL2), transcript variant 2, mRN

gi|209180423|ref|NM\_018710.2| Homo sapiens transmembrane protein 55A (TMEM55A), mRNA;

gi|209180432|ref|NM\_024567.3| Homo sapiens homeobox containing 1 (HMBOX1), transcript variant 1, mRNA;

gi|209180444|ref|NM\_020411.2| Homo sapiens X antigen family, member 1D (XAGE1D), transcript variant 1, mRNA;

gi|209180454|ref|NM\_001135731.1| Homo sapiens zinc finger, matrin-type 4 (ZMAT4), transcript variant 2, mRNA;

gi|209180456|ref|NM\_001135732.1| Homo sapiens target of myb1 (chicken) (TOM1), transcript variant 2, mRNA;

gi|209180461|ref|NM\_032509.3| Homo sapiens MAK16 homolog (S. cerevisiae) (MAK16), mRNA;

gi|209180468|ref|NM\_001135733.1| Homo sapiens tumor protein p53 inducible nuclear protein 1 (TP53IND1), mRNA;

gi|209180470|ref|NR\_002314.3| Homo sapiens solute carrier family 25 (mitochondrial carrier; phosphate carrier) (SLC25), transcript variant 1, mRNA;

gi|209180471|ref|NM\_152418.3| Homo sapiens DDB1 and CUL4 associated factor 4-like 2 (DCAF4L2), mRNA;

gi|209180480|ref|NM\_024814.2| Homo sapiens Cbl proto-oncogene, E3 ubiquitin protein ligase-like 1 (CBLI1), mRNA;

gi|209180483|ref|NM\_019060.2| Homo sapiens cysteine-rich C-terminal 1 (CRCT1), mRNA;

gi|209180485|ref|NM\_001037160.2| Homo sapiens cystin 1 (CYS1), mRNA;

gi|209180487|ref|NR\_002727.2| Homo sapiens RFPL1 antisense RNA 1 (non-protein coding) (RFPL1-AS1), antisense RNA;

gi|209364510|ref|NM\_001007561.2| Homo sapiens immunity-related GTPase family, Q (IRGQ), mRNA;

gi|209364513|ref|NM\_173519.2| Homo sapiens clavesin 1 (CLVS1), mRNA;

gi|209364522|ref|NM\_001135745.1| Homo sapiens amyotrophic lateral sclerosis 2 (juvenile) (ALS2), transcript variant 1, mRNA;

gi|209364527|ref|NM\_001135747.1| Homo sapiens nei endonuclease VIII-like 2 (E. coli) (NEIL2), transcript variant 1, mRNA;

gi|209364535|ref|NM\_014974.2| Homo sapiens DIP2 disco-interacting protein 2 homolog C (Drosophila) (DIP2HC), mRNA;

gi|209364537|ref|NM\_178172.3| Homo sapiens glycosylphosphatidylinositol anchored high density lipoprotein binding protein 1 (HDLBP1), mRNA;

gi|209364538|ref|NM\_207413.3| Homo sapiens family with sequence similarity 150, member A (FAM150A), mRNA;

gi|209364541|ref|NM\_001135751.1| Homo sapiens Der1-like domain family, member 3 (DERL3), transcript variant 1, mRNA;

gi|209364543|ref|NM\_022131.2| Homo sapiens calsynenin 2 (CLSTN2), mRNA;

gi|209364549|ref|NM\_001135753.1| Homo sapiens ecdysoneless homolog (Drosophila) (ECD), transcript variant 1, mRNA;

gi|209364552|ref|NM\_001336.3| Homo sapiens cathepsin Z (CTS2), mRNA;

gi|209364591|ref|NM\_001135705.1| Homo sapiens acyl-CoA binding domain containing 4 (ACBD4), transcript variant 1, mRNA;

gi|209364605|ref|NM\_032237.3| Homo sapiens protein kinase-like protein SgK196 (SGK196), mRNA;

gi|209364617|ref|NM\_000702.3| Homo sapiens ATPase, Na<sup>+</sup>/K<sup>+</sup> transporting, alpha 2 polypeptide (ATP1A2), mRNA;

gi|209364618|ref|NM\_001039582.3| Homo sapiens pregnancy up-regulated non-ubiquitously expressed Calcium binding protein 1 (PUGBP1), mRNA;

gi|209413712|ref|NR\_024206.1| Homo sapiens long intergenic non-protein coding RNA 152 (LINC00152), transcript variant 1, non-coding RNA;

gi|209413714|ref|NR\_024207.1| Homo sapiens KIAA1875 (KIAA1875), non-coding RNA;

gi|209413718|ref|NM\_001376.4| Homo sapiens dynein, cytoplasmic 1, heavy chain 1 (DYNC1H1), mRNA;

gi|209413719|ref|NM\_000605.3| Homo sapiens interferon, alpha 2 (IFNA2), mRNA;

gi|209413720|ref|NM\_000446.5| Homo sapiens paraoxonase 1 (PON1), mRNA;

gi|209413721|ref|NM\_021068.2| Homo sapiens interferon, alpha 4 (IFNA4), mRNA;

gi|209413729|ref|NM\_001135769.1| Homo sapiens poliovirus receptor (PVR), transcript variant 3, mRNA; gi|209413730|ref|NM\_001135770.1| Homo sapiens poliovirus receptor (PVR), transcript variant 4, mRNA;

gi|209413734|ref|NM\_001031689.2| Homo sapiens phospholipase A2-activating protein (PLAA), mRNA;

gi|209413736|ref|NM\_002951.3| Homo sapiens ribophorin II (RPN2), transcript variant 1, mRNA; gi|209413737|ref|NM\_001031690.2| Homo sapiens phospholipase A2-activating protein (PLAA), transcript variant 2, mRNA;

gi|209413739|ref|NM\_004878.4| Homo sapiens prostaglandin E synthase (PTGES), mRNA;

gi|209413741|ref|NM\_006275.5| Homo sapiens serine/arginine-rich splicing factor 6 (SRSF6), transcript variant 1, mRNA;

gi|209413745|ref|NM\_014872.2| Homo sapiens zinc finger and BTB domain containing 5 (ZBTB5), mRNA;

gi|209413746|ref|NM\_006686.3| Homo sapiens actin-like 7B (ACTL7B), mRNA;

gi|209413748|ref|NM\_001135773.1| Homo sapiens spermatogenesis associated 2 (SPATA2), transcript variant 1, mRNA;

gi|209413753|ref|NM\_133633.2| Homo sapiens synapsin III (SYN3), transcript variant IIIc, mRNA; gi|209413754|ref|NM\_001135774.1| Homo sapiens spermatogenesis associated 2 (SPATA2), transcript variant 2, mRNA;

gi|209413759|ref|NM\_006705.3| Homo sapiens growth arrest and DNA-damage-inducible, gamma (GADD45), transcript variant 1, mRNA;

gi|209413760|ref|NM\_012325.2| Homo sapiens microtubule-associated protein, RP/EB family, member 1 (EBP1), transcript variant 1, mRNA;

gi|209413764|ref|NM\_014007.3| Homo sapiens zinc finger and BTB domain containing 43 (ZBTB43), transcript variant 1, mRNA;

gi|209413767|ref|NM\_017798.3| Homo sapiens YTH domain family, member 1 (YTHDF1), mRNA;

gi|209413768|ref|NM\_018270.4| Homo sapiens chromosome 20 open reading frame 20 (C20orf20), mRNA;

gi|209413770|ref|NR\_002785.2| Homo sapiens GNAS antisense RNA 1 (non-protein coding) (GNAS-AS1), an  
gi|209447018|ref|NM\_182492.2| Homo sapiens low density lipoprotein receptor-related protein 5-like (LRP  
gi|209447059|ref|NM\_001731.2| Homo sapiens B-cell translocation gene 1, anti-proliferative (BTG1), mRNA;  
gi|209447072|ref|NM\_001135806.1| Homo sapiens synaptotagmin I (SYT1), transcript variant 3, mRNA; gi|  
gi|209447080|ref|NR\_001275.2| Homo sapiens carboxyl ester lipase pseudogene (CELP), non-coding RNA;  
gi|209447089|ref|NM\_001135812.1| Homo sapiens family with sequence similarity 60, member A (FAM60A)  
gi|209447092|ref|NM\_001135816.1| Homo sapiens C1QTNF9B antisense RNA 1 (non-protein coding) (C1QTNF9B-  
gi|209447095|ref|NM\_001135820.1| Homo sapiens transmembrane protein 2 (TMEM2), transcript variant  
gi|209529671|ref|NM\_002010.2| Homo sapiens fibroblast growth factor 9 (glia-activating factor) (FGF9), m  
gi|209529677|ref|NM\_001135823.1| Homo sapiens sarcospan (Kras oncogene-associated gene) (SSPN), tra  
gi|209529688|ref|NR\_024211.1| Homo sapiens ring finger protein 185 (RNF185), transcript variant 6, non-c  
gi|209529710|ref|NM\_003389.3| Homo sapiens coronin, actin binding protein, 2A (CORO2A), transcript var  
gi|209529713|ref|NM\_030762.2| Homo sapiens basic helix-loop-helix family, member e41 (BHLHE41), mRN  
gi|209529720|ref|NM\_178007.2| Homo sapiens StAR-related lipid transfer (START) domain containing 13 (S  
gi|209529721|ref|NM\_004795.3| Homo sapiens klotho (KL), mRNA;  
gi|209529722|ref|NM\_001135861.1| Homo sapiens phosphohistidine phosphatase 1 (PHPT1), transcript va  
gi|209529727|ref|NM\_173802.3| Homo sapiens methyltransferase like 20 (METTL20), transcript variant 1, i  
gi|209529737|ref|NM\_002749.3| Homo sapiens mitogen-activated protein kinase 7 (MAPK7), transcript var  
gi|209529738|ref|NM\_001135865.1| Homo sapiens nuclear pore complex interacting protein related gene  
gi|209529740|ref|NM\_000231.2| Homo sapiens sarcoglycan, gamma (35kDa dystrophin-associated glycopr  
gi|209529741|ref|NM\_017418.2| Homo sapiens deleted in esophageal cancer 1 (DEC1), mRNA;  
gi|209571466|ref|NM\_006493.2| Homo sapiens ceroid-lipofuscinosis, neuronal 5 (CLN5), mRNA;  
gi|209571480|ref|NM\_017882.2| Homo sapiens ceroid-lipofuscinosis, neuronal 6, late infantile, variant (CLN6)  
gi|209571485|ref|NM\_016322.3| Homo sapiens RAB14, member RAS oncogene family (RAB14), mRNA;  
gi|209571506|ref|NM\_001135911.1| Homo sapiens phosphoinositide-3-kinase interacting protein 1 (PIK3IP1)  
gi|209571510|ref|NM\_015000.3| Homo sapiens serine/threonine kinase 38 like (STK38L), mRNA;  
gi|209571514|ref|NM\_198152.3| Homo sapiens urotensin 2 domain containing (UTS2D), mRNA;  
gi|209571518|ref|NM\_001135914.1| Homo sapiens kielin/chordin-like protein (KCP), transcript variant 1, n  
gi|209571522|ref|NM\_001135917.1| Homo sapiens dolichyl pyrophosphate phosphatase 1 (DOLPP1), trans  
gi|209571524|ref|NM\_173510.2| Homo sapiens coiled-coil domain containing 117 (CCDC117), mRNA;  
gi|209571525|ref|NM\_003045.4| Homo sapiens solute carrier family 7 (cationic amino acid transporter, y+  
gi|209571529|ref|NM\_182527.2| Homo sapiens calcium binding protein 7 (CABP7), mRNA;  
gi|209571532|ref|NM\_001135919.1| Homo sapiens solute carrier family 46, member 3 (SLC46A3), transcrip  
gi|209571536|ref|NM\_006248.3| Homo sapiens proline-rich protein BstNI subfamily 2 (PRB2), mRNA;  
gi|209571554|ref|NM\_001135924.1| Homo sapiens von Willebrand factor D and EGF domains (VWDE), mR  
gi|209571580|ref|NM\_002004.3| Homo sapiens farnesyl diphosphate synthase (FDPS), transcript variant 1,  
gi|209574322|ref|NM\_000614.3| Homo sapiens ciliary neurotrophic factor (CNTF), mRNA;  
gi|209574323|ref|NM\_024301.4| Homo sapiens fukutin related protein (FKRP), transcript variant 1, mRNA;  
gi|209574325|ref|NM\_002157.2| Homo sapiens heat shock 10kDa protein 1 (chaperonin 10) (HSPE1), nucle  
gi|209693415|ref|NR\_024214.1| Homo sapiens small ILF3/NF90-associated RNA A3 (SNAR-A3), small nuclea  
gi|209693416|ref|NR\_024215.1| Homo sapiens small ILF3/NF90-associated RNA A4 (SNAR-A4), small nuclea  
gi|209693417|ref|NR\_024216.1| Homo sapiens small ILF3/NF90-associated RNA A13 (SNAR-A13), small nuc  
gi|209693418|ref|NR\_024217.1| Homo sapiens small ILF3/NF90-associated RNA C2 (SNAR-C2), small nuclea  
gi|209693419|ref|NR\_024218.1| Homo sapiens small ILF3/NF90-associated RNA C4 (SNAR-C4), small nuclea  
gi|209693420|ref|NR\_024219.1| Homo sapiens small ILF3/NF90-associated RNA C5 (SNAR-C5), small nuclea  
gi|209693421|ref|NR\_024220.1| Homo sapiens small ILF3/NF90-associated RNA C1 (SNAR-C1), small nuclea  
gi|209693422|ref|NR\_024221.1| Homo sapiens small ILF3/NF90-associated RNA C3 (SNAR-C3), small nuclea



gi|209693438|ref|NM\_003087.2| Homo sapiens synuclein, gamma (breast cancer-specific protein 1) (SNCG), mRNA;

gi|209693440|ref|NM\_022901.2| Homo sapiens leucine rich repeat containing 19 (LRRC19), mRNA;

gi|209693443|ref|NM\_001135940.1| Homo sapiens myotilin (MYOT), transcript variant 2, mRNA; gi|209693447|ref|NR\_024222.1| Homo sapiens kelch repeat and BTB (POZ) domain containing 4 (KBTBD4), mRNA;

gi|209693454|ref|NM\_000232.4| Homo sapiens sarcoglycan, beta (43kDa dystrophin-associated glycoprotein), mRNA;

gi|209693463|ref|NM\_001135947.1| Homo sapiens ubiquitin related modifier 1 (URM1), transcript variant 1, mRNA;

gi|209693469|ref|NM\_006816.2| Homo sapiens lectin, mannose-binding 2 (LMAN2), mRNA;

gi|209862740|ref|NM\_006875.3| Homo sapiens pim-2 oncogene (PIM2), mRNA;

gi|209862742|ref|NM\_001135993.1| Homo sapiens tetratricopeptide repeat domain 39C (TTC39C), transcript variant 1, mRNA;

gi|209862747|ref|NM\_001135995.1| Homo sapiens ataxin 3-like (ATXN3L), mRNA;

gi|209862749|ref|NR\_024027.2| Homo sapiens long intergenic non-protein coding RNA 158 (LINC00158), non-coding RNA;

gi|209862752|ref|NR\_024233.1| Homo sapiens long intergenic non-protein coding RNA 167 (LINC00167), non-coding RNA;

gi|209862753|ref|NM\_004343.3| Homo sapiens calreticulin (CALR), mRNA;

gi|209862755|ref|NR\_001458.3| Homo sapiens MIR155 host gene (non-protein coding) (MIR155HG), non-coding RNA;

gi|209862756|ref|NM\_001816.3| Homo sapiens carcinoembryonic antigen-related cell adhesion molecule 8 (CEACAM8), mRNA;

gi|209862757|ref|NM\_005282.2| Homo sapiens G protein-coupled receptor 4 (GPR4), mRNA;

gi|209862763|ref|NM\_014806.2| Homo sapiens RUN and SH3 domain containing 2 (RUSC2), mRNA; gi|209862766|ref|NM\_005304.3| Homo sapiens free fatty acid receptor 3 (FFAR3), mRNA;

gi|209862770|ref|NR\_002730.2| Homo sapiens bromodomain containing 7 pseudogene 3 (BRD7P3), non-coding RNA;

gi|209862773|ref|NM\_002483.4| Homo sapiens carcinoembryonic antigen-related cell adhesion molecule 6 (CEACAM6), mRNA;

gi|209862774|ref|NR\_024236.1| Homo sapiens uncharacterized LOC400804 (C1orf140), non-coding RNA;

gi|209862781|ref|NM\_001136002.1| Homo sapiens transmembrane protein 229A (TMEM229A), mRNA;

gi|209862783|ref|NR\_024237.1| Homo sapiens uncharacterized LOC100132111 (LOC100132111), non-coding RNA;

gi|209862784|ref|NM\_020373.2| Homo sapiens anoctamin 2 (ANO2), mRNA;

gi|209862786|ref|NM\_001136003.1| Homo sapiens C2 calcium-dependent domain containing 4D (C2CD4D), mRNA;

gi|209862790|ref|NM\_007138.1| Homo sapiens zinc finger protein 90 (ZNF90), mRNA;

gi|209862792|ref|NM\_001136004.1| Homo sapiens microtubule associated monooxygenase, calponin and LIM domain containing 1 (CALML1), mRNA;

gi|209862794|ref|NM\_145249.2| Homo sapiens interferon, alpha-inducible protein 27-like 1 (IFI27L1), transcript variant 1, mRNA;

gi|209862795|ref|NM\_017842.2| Homo sapiens solute carrier family 48 (heme transporter), member 1 (SLC48A1), mRNA;

gi|209862803|ref|NM\_003673.3| Homo sapiens titin-cap (telethonin) (TCAP), mRNA;

gi|209862818|ref|NM\_001136012.1| Homo sapiens FXYD domain containing ion transport regulator 3 (FXYD3), mRNA;

gi|209862820|ref|NM\_052943.3| Homo sapiens family with sequence similarity 46, member B (FAM46B), non-coding RNA;

gi|209862822|ref|NM\_181707.2| Homo sapiens chromosome 17 open reading frame 64 (C17orf64), mRNA;

gi|209862888|ref|NM\_001136044.1| Homo sapiens transmembrane and ubiquitin-like domain containing 1 (TMUB1), mRNA;

gi|209862978|ref|NM\_130472.2| Homo sapiens MAP-kinase activating death domain (MADD), transcript variant 1, mRNA;

gi|209863021|ref|NM\_001135954.1| Homo sapiens uridine-cytidine kinase 1 (UCK1), transcript variant 2, mRNA;

gi|209863023|ref|NM\_003306.1| Homo sapiens transient receptor potential cation channel, subfamily C, member 1 (TRPC1), mRNA;

gi|209863033|ref|NM\_001135936.1| Homo sapiens periostin, osteoblast specific factor (POSTN), transcript variant 1, mRNA;

gi|209863037|ref|NM\_016617.2| Homo sapiens ubiquitin-fold modifier 1 (UFM1), mRNA;

gi|209863054|ref|NR\_024223.1| Homo sapiens small ILF3/NF90-associated RNA A5 (SNAR-A5), small nuclear RNA;

gi|209863055|ref|NR\_024224.1| Homo sapiens small ILF3/NF90-associated RNA A7 (SNAR-A7), small nuclear RNA;

gi|209863056|ref|NR\_024225.1| Homo sapiens small ILF3/NF90-associated RNA A11 (SNAR-A11), small nuclear RNA;

gi|209863057|ref|NR\_024226.1| Homo sapiens small ILF3/NF90-associated RNA A9 (SNAR-A9), small nuclear RNA;

gi|209863058|ref|NR\_024227.1| Homo sapiens small ILF3/NF90-associated RNA A6 (SNAR-A6), small nuclear RNA;

gi|209863059|ref|NR\_024228.1| Homo sapiens small ILF3/NF90-associated RNA A8 (SNAR-A8), small nuclear RNA;

gi|209863060|ref|NR\_024229.1| Homo sapiens small ILF3/NF90-associated RNA A10 (SNAR-A10), small nuclear RNA;

gi|209863061|ref|NR\_024230.1| Homo sapiens small ILF3/NF90-associated RNA B2 (SNAR-B2), small nuclear RNA;

gi|209863062|ref|NR\_024231.1| Homo sapiens small ILF3/NF90-associated RNA B1 (SNAR-B1), small nuclear RNA

gi|20986518|ref|NM\_139046.1| Homo sapiens mitogen-activated protein kinase 8 (MAPK8), transcript variant 1, mRNA

gi|20986527|ref|NM\_002754.3| Homo sapiens mitogen-activated protein kinase 13 (MAPK13), mRNA

gi|209869997|ref|NM\_175085.2| Homo sapiens phosphoribosylglycinamide formyltransferase, phosphoribosyltransferase

gi|209870050|ref|NR\_002729.2| Homo sapiens macrophage stimulating 1 (hepatocyte growth factor-like) protein

gi|209870058|ref|NM\_001136105.1| Homo sapiens chromosome 11 open reading frame 93 (C11orf93), mRNA

gi|209870060|ref|NM\_000951.2| Homo sapiens proline rich Gla (G-carboxyglutamic acid) 2 (PRRG2), mRNA

gi|209870064|ref|NM\_001136107.1| Homo sapiens methyltransferase like 11B (METTL11B), mRNA

gi|209870066|ref|NM\_001136108.1| Homo sapiens R3H domain and coiled-coil containing 1 (R3HCC1), mRNA

gi|209870068|ref|NM\_004347.3| Homo sapiens caspase 5, apoptosis-related cysteine peptidase (CASP5), transcript variant 1, mRNA

gi|209870083|ref|NM\_001136114.1| Homo sapiens protein-O-mannosyltransferase 1 (POMT1), transcript variant 1, mRNA

gi|209870085|ref|NM\_001136115.1| Homo sapiens F-box protein 28 (FBXO28), transcript variant 2, mRNA

gi|209870088|ref|NM\_031990.3| Homo sapiens polypyrimidine tract binding protein 1 (PTBP1), transcript variant 1, mRNA

gi|209870091|ref|NM\_001136116.1| Homo sapiens zinc finger protein 879 (ZNF879), mRNA

gi|209870093|ref|NM\_012437.4| Homo sapiens SNAP-associated protein (SNAPIN), mRNA

gi|209870098|ref|NR\_024240.1| Homo sapiens major histocompatibility complex, class I, J (pseudogene) (H2-J), pseudogene

gi|209870108|ref|NR\_024241.1| Homo sapiens family with sequence similarity 86, member D, pseudogene

gi|209870109|ref|NM\_013382.5| Homo sapiens protein-O-mannosyltransferase 2 (POMT2), mRNA

gi|209870110|ref|NM\_013943.2| Homo sapiens chloride intracellular channel 4 (CLIC4), nuclear gene encoding

gi|209870111|ref|NM\_018962.2| Homo sapiens Down syndrome critical region gene 6 (DSCR6), mRNA

gi|209915550|ref|NM\_002866.4| Homo sapiens RAB3A, member RAS oncogene family (RAB3A), mRNA

gi|209915555|ref|NM\_001136126.1| Homo sapiens cyclin D3 (CCND3), transcript variant 4, mRNA

gi|209915559|ref|NM\_018365.2| Homo sapiens meiosis-specific nuclear structural 1 (MNS1), mRNA

gi|209915562|ref|NM\_015569.3| Homo sapiens dynamin 3 (DNM3), transcript variant 1, mRNA

gi|209915563|ref|NM\_015063.2| Homo sapiens solute carrier family 8 (sodium/calcium exchanger), member 8, mRNA

gi|209915564|ref|NM\_001098843.3| Homo sapiens chromosome X open reading frame 30 (CXorf30), mRNA

gi|209915567|ref|NM\_018438.5| Homo sapiens F-box protein 6 (FBXO6), mRNA

gi|209915587|ref|NM\_001136137.1| Homo sapiens ribosomal protein L28 (RPL28), transcript variant 5, mRNA

gi|209915590|ref|NM\_001136138.1| Homo sapiens ribosomal protein S6 kinase, 52kDa, polypeptide 1 (RPS6KA1), mRNA

gi|209915596|ref|NM\_001136140.1| Homo sapiens cytidine monophosphate (UMP-CMP) kinase 1, cytosolic

gi|209915599|ref|NR\_024247.1| Homo sapiens melanoma associated antigen (mutated) 1 (MUM1), transcript variant 1, mRNA

gi|209915605|ref|NM\_024871.2| Homo sapiens MAP6 domain containing 1 (MAP6D1), mRNA

gi|209915615|ref|NM\_025211.3| Homo sapiens G kinase anchoring protein 1 (GKAP1), transcript variant 1, mRNA

gi|209915631|ref|NR\_024242.1| Homo sapiens small ILF3/NF90-associated RNA A14 (SNAR-A14), small nuclear RNA

gi|209915632|ref|NR\_024243.1| Homo sapiens small ILF3/NF90-associated RNA D (SNAR-D), small nuclear RNA

gi|209915633|ref|NR\_024244.1| Homo sapiens small ILF3/NF90-associated RNA G2 (SNAR-G2), small nuclear RNA

gi|209954131|ref|NM\_000658.2| Homo sapiens autoimmune regulator (AIRE), transcript variant AIRE-2, mRNA

gi|209954603|ref|NM\_201400.2| Homo sapiens family with sequence similarity 86, member A (FAM86A), transcript variant 1, mRNA

gi|209954643|ref|NR\_024248.1| Homo sapiens asparagine-linked glycosylation 1-like pseudogene (LOC650000), pseudogene

gi|209954658|ref|NR\_024249.1| Homo sapiens family with sequence similarity 86, member C2, pseudogene

gi|209954668|ref|NM\_018948.3| Homo sapiens ERBB receptor feedback inhibitor 1 (ERRFI1), mRNA

gi|209954672|ref|NR\_024251.1| Homo sapiens family with sequence similarity 86, member A pseudogene

gi|209954674|ref|NR\_024252.1| Homo sapiens family with sequence similarity 86, member H, pseudogene

gi|209954675|ref|NM\_003811.3| Homo sapiens tumor necrosis factor (ligand) superfamily, member 9 (TNF), mRNA

gi|209954679|ref|NM\_001136152.1| Homo sapiens asparagine-linked glycosylation 1-like 2 (ALG1L2), mRNA

gi|209954684|ref|NM\_018178.5| Homo sapiens golgi phosphoprotein 3-like (GOLPH3L), mRNA

gi|209954685|ref|NR\_024253.1| Homo sapiens family with sequence similarity 86, member E, pseudogene

gi|209954780|ref|NM\_057091.2| Homo sapiens artemin (ARTN), transcript variant 2, mRNA; gi|209977028  
 gi|209954784|ref|NM\_004877.2| Homo sapiens glia maturation factor, gamma (GMFG), mRNA;  
 gi|209954785|ref|NR\_024254.1| Homo sapiens family with sequence similarity 86, member F, pseudogene  
 gi|209954787|ref|NM\_001136153.1| Homo sapiens activating transcription factor 6 beta (ATF6B), transcript  
 gi|209954793|ref|NM\_020362.4| Homo sapiens PITH (C-terminal proteasome-interacting domain of thiore  
 gi|209954794|ref|NM\_001008401.3| Homo sapiens zinc finger protein 761 (ZNF761), mRNA;  
 gi|209954802|ref|NM\_014898.2| Homo sapiens zinc finger protein 30 homolog (mouse) (ZFP30), mRNA;  
 gi|209954807|ref|NM\_001136155.1| Homo sapiens v-ets erythroblastosis virus E26 oncogene homolog (av  
 gi|209954810|ref|NM\_001136156.1| Homo sapiens zinc finger protein 507 (ZNF507), transcript variant 1, n  
 gi|209954815|ref|NM\_017773.3| Homo sapiens lymphocyte transmembrane adaptor 1 (LAX1), transcript v  
 gi|209954816|ref|NR\_024028.2| Homo sapiens long intergenic non-protein coding RNA 112 (LINC00112), n  
 gi|209954818|ref|NM\_001008701.2| Homo sapiens latrophilin 1 (LPHN1), transcript variant 1, mRNA; gi|20  
 gi|209954822|ref|NM\_001136160.1| Homo sapiens chromosome 8 open reading frame 45 (C8orf45), trans  
 gi|209969667|ref|NM\_014176.3| Homo sapiens ubiquitin-conjugating enzyme E2T (putative) (UBE2T), mRN  
 gi|209969673|ref|NM\_019089.4| Homo sapiens hairy and enhancer of split 2 (Drosophila) (HES2), mRNA;  
 gi|209969676|ref|NM\_016263.3| Homo sapiens fizzy/cell division cycle 20 related 1 (Drosophila) (FZR1), tra  
 gi|209969681|ref|NM\_001080503.2| Homo sapiens coiled-coil domain containing 159 (CCDC159), mRNA;  
 gi|209969683|ref|NM\_001759.3| Homo sapiens cyclin D2 (CCND2), mRNA;  
 gi|209969684|ref|NM\_020895.3| Homo sapiens GRAM domain containing 1A (GRAMD1A), transcript variar  
 gi|209969687|ref|NM\_024050.5| Homo sapiens DET1 and DDB1 associated 1 (DDA1), mRNA;  
 gi|209969688|ref|NM\_017761.3| Homo sapiens proline-rich nuclear receptor coactivator 2 (PNRC2), mRNA  
 gi|209969689|ref|NM\_144591.3| Homo sapiens chromosome 10 open reading frame 32 (C10orf32), transc  
 gi|209969696|ref|NM\_001136202.1| Homo sapiens isochorismatase domain containing 2 (ISOC2), nuclear {  
 gi|209969699|ref|NM\_001136203.1| Homo sapiens coiled-coil domain containing 124 (CCDC124), transcrip  
 gi|209969705|ref|NR\_024259.1| Homo sapiens uncharacterized LOC728606 (LOC728606), non-coding RNA  
 gi|209969707|ref|NM\_001136205.1| Homo sapiens potassium channel tetramerisation domain containing  
 gi|209969745|ref|NR\_024255.1| Homo sapiens uncharacterized LOC399717 (FLJ45983), transcript variant 1  
 gi|209969754|ref|NM\_001136178.1| Homo sapiens early growth response 2 (EGR2), transcript variant 3, m  
 gi|209969759|ref|NM\_001136180.1| Homo sapiens heat shock factor binding protein 1-like 1 (HSBP1L1), m  
 gi|209969773|ref|NR\_024258.1| Homo sapiens small ILF3/NF90-associated RNA E (SNAR-E), small nuclear F  
 gi|209969783|ref|NM\_022041.3| Homo sapiens gigaxonin (GAN), mRNA;  
 gi|209969799|ref|NM\_153225.3| Homo sapiens chromosome 8 open reading frame 84 (C8orf84), mRNA;  
 gi|209969805|ref|NR\_002821.2| Homo sapiens TPTE and PTEN homologous inositol lipid phosphatase pseu  
 gi|209969817|ref|NM\_001540.3| Homo sapiens heat shock 27kDa protein 1 (HSPB1), mRNA;  
 gi|209969818|ref|NM\_173566.2| Homo sapiens proline rich 14-like (PRR14L), mRNA;  
 gi|209969821|ref|NM\_015603.2| Homo sapiens coiled-coil domain containing 9 (CCDC9), mRNA;  
 gi|209969822|ref|NM\_145699.3| Homo sapiens apolipoprotein B mRNA editing enzyme, catalytic polypept  
 gi|209969823|ref|NR\_004386.2| Homo sapiens RNA, U105B small nucleolar (RNU105B), small nucleolar RN  
 gi|209969828|ref|NM\_014929.3| Homo sapiens FAST kinase domains 2 (FASTKD2), transcript variant 3, mR  
 gi|209969833|ref|NM\_001012971.3| Homo sapiens family with sequence similarity 209, member A (FAM2C  
 gi|209969834|ref|NM\_013433.4| Homo sapiens transportin 2 (TNPO2), transcript variant 2, mRNA; gi|2099  
 gi|209976984|ref|NM\_032410.3| Homo sapiens hook homolog 3 (Drosophila) (HOOK3), mRNA;  
 gi|209976985|ref|NM\_018386.2| Homo sapiens PCI domain containing 2 (PCID2), transcript variant 3, mRN  
 gi|209976987|ref|NM\_020714.2| Homo sapiens zinc finger protein 490 (ZNF490), mRNA;  
 gi|209976995|ref|NM\_019109.4| Homo sapiens asparagine-linked glycosylation 1, beta-1,4-mannosyltransf  
 gi|209977001|ref|NR\_002807.3| Homo sapiens transmembrane emp24-like trafficking protein 10 (yeast) ps  
 gi|209977002|ref|NM\_001136213.1| Homo sapiens POTE ankyrin domain family, member H (POTEH), mRN

gi|209977005|ref|NR\_024260.1| Homo sapiens NECAP endocytosis associated 1 (NECAP1), transcript variar  
 gi|209977006|ref|NM\_002907.3| Homo sapiens RecQ protein-like (DNA helicase Q1-like) (RECQL), transcrip  
 gi|209977010|ref|NM\_016072.4| Homo sapiens golgi transport 1B (GOLT1B), mRNA;  
 gi|209977012|ref|NM\_024854.3| Homo sapiens pyridine nucleotide-disulphide oxidoreductase domain 1 (F  
 gi|209977018|ref|NM\_001136157.1| Homo sapiens OTU domain containing 5 (OTUD5), transcript variant 2  
 gi|209977022|ref|NM\_182619.2| Homo sapiens C-type lectin domain family 18, member A (CLEC18A), tran  
 gi|209977033|ref|NM\_012414.3| Homo sapiens RAB3 GTPase activating protein subunit 2 (non-catalytic) (F  
 gi|209977037|ref|NM\_006786.3| Homo sapiens urotensin 2 (UTS2), transcript variant 2, mRNA; gi|2099770  
 gi|209977038|ref|NM\_016074.3| Homo sapiens bolA homolog 1 (E. coli) (BOLA1), mRNA;  
 gi|209977040|ref|NM\_152344.3| Homo sapiens LSM12 homolog (S. cerevisiae) (LSM12), mRNA;  
 gi|209977043|ref|NM\_020368.2| Homo sapiens UTP3, small subunit (SSU) processome component, homol  
 gi|209977045|ref|NM\_032135.3| Homo sapiens fibrous sheath CABYR binding protein (FSCB), mRNA;  
 gi|209977051|ref|NM\_001136216.1| Homo sapiens transmembrane protein 51 (TMEM51), transcript varia  
 gi|209977058|ref|NR\_024264.1| Homo sapiens uncharacterized LOC145845 (LOC145845), non-coding RNA,  
 gi|209977063|ref|NR\_024265.1| Homo sapiens protein O-glucosyltransferase 1 (POGLUT1), transcript varia  
 gi|209977064|ref|NM\_152663.3| Homo sapiens Ral GEF with PH domain and SH3 binding motif 2 (RALGPS2  
 gi|209977068|ref|NM\_003996.3| Homo sapiens glutathione peroxidase 5 (epididymal androgen-related pro  
 gi|209977071|ref|NM\_018202.4| Homo sapiens transmembrane protein 57 (TMEM57), mRNA;  
 gi|209977077|ref|NM\_002153.2| Homo sapiens hydroxysteroid (17-beta) dehydrogenase 2 (HSD17B2), mR  
 gi|209977079|ref|NM\_001136223.1| Homo sapiens REST corepressor 3 (RCOR3), transcript variant 1, mRN  
 gi|209977096|ref|NM\_014818.1| Homo sapiens tripartite motif containing 66 (TRIM66), mRNA;  
 gi|209977115|ref|NM\_153692.3| Homo sapiens HtrA serine peptidase 4 (HTRA4), mRNA;  
 gi|209977116|ref|NM\_080872.2| Homo sapiens unc-5 homolog D (C. elegans) (UNC5D), mRNA;  
 gi|210031121|ref|NM\_021639.4| Homo sapiens GC-rich promoter binding protein 1-like 1 (GPBP1L1), mRN  
 gi|210031153|ref|NM\_001101419.1| Homo sapiens zinc finger protein 541 (ZNF541), mRNA;  
 gi|210031209|ref|NM\_001136238.1| Homo sapiens transmembrane protein with metallophosphoesterase  
 gi|210031218|ref|NM\_138374.1| Homo sapiens zinc finger protein 845 (ZNF845), mRNA;  
 gi|210031232|ref|NM\_001136239.1| Homo sapiens PR domain containing 6 (PRDM6), mRNA;  
 gi|210031718|ref|NM\_130800.2| Homo sapiens multiple endocrine neoplasia I (MEN1), transcript variant e  
 gi|210031809|ref|NM\_021642.3| Homo sapiens Fc fragment of IgG, low affinity IIa, receptor (CD32) (FCGR2  
 gi|210032072|ref|NR\_024269.1| Homo sapiens prion protein (testis specific) (PRNT), transcript variant 3, n  
 gi|210032111|ref|NM\_001136230.1| Homo sapiens hydroxysteroid (17-beta) dehydrogenase 13 (HSD17B1  
 gi|210032118|ref|NR\_024270.1| Homo sapiens uncharacterized LOC400752 (LOC400752), non-coding RNA,  
 gi|210032242|ref|NR\_024271.1| Homo sapiens septin 7 pseudogene 2 (SEPT7P2), non-coding RNA;  
 gi|210032462|ref|NM\_001136233.1| Homo sapiens family with sequence similarity 48, member B2 (FAM48  
 gi|210032474|ref|NM\_020448.4| Homo sapiens NIPA-like domain containing 3 (NIPAL3), mRNA;  
 gi|210032508|ref|NM\_001136234.1| Homo sapiens family with sequence similarity 48, member B1 (FAM48  
 gi|210032579|ref|NM\_015048.1| Homo sapiens SET domain containing 1B (SETD1B), mRNA;  
 gi|210032673|ref|NR\_015406.1| Homo sapiens uncharacterized LOC149837 (LOC149837), non-coding RNA,  
 gi|210032789|ref|NM\_015688.1| Homo sapiens family with sequence similarity 184, member B (FAM184B)  
 gi|210032802|ref|NR\_015399.1| Homo sapiens uncharacterized LOC150568 (LOC150568), non-coding RNA,  
 gi|210032850|ref|NR\_024274.1| Homo sapiens chromosome 9 open reading frame 53 (C9orf53), non-codir  
 gi|210033155|ref|NR\_015414.1| Homo sapiens uncharacterized LOC151658 (LOC151658), transcript varian  
 gi|210033163|ref|NR\_024277.1| Homo sapiens AGPAT4 intronic transcript 1 (non-protein coding) (AGPAT4  
 gi|210033169|ref|NM\_020710.2| Homo sapiens leucine rich repeat containing 47 (LRRC47), mRNA;  
 gi|210147392|ref|NM\_012079.4| Homo sapiens diacylglycerol O-acyltransferase 1 (DGAT1), mRNA;  
 gi|210147393|ref|NR\_024278.1| Homo sapiens uncharacterized LOC646762 (LOC646762), non-coding RNA,

gi|210147395|ref|NR\_024279.1| Homo sapiens uncharacterized LOC729614 (FLJ37453), non-coding RNA;

gi|210147403|ref|NR\_024280.1| Homo sapiens uncharacterized LOC100129066 (UNQ6494), non-coding RNA;

gi|210147406|ref|NM\_001136257.1| Homo sapiens sphingomyelin synthase 2 (SGMS2), transcript variant 2;

gi|210147410|ref|NR\_024281.1| Homo sapiens uncharacterized LOC157627 (LOC157627), non-coding RNA;

gi|210147419|ref|NR\_024282.1| Homo sapiens uncharacterized LOC113230 (LOC113230), non-coding RNA;

gi|210147432|ref|NM\_000033.3| Homo sapiens ATP-binding cassette, sub-family D (ALD), member 1 (ABCC1), mRNA;

gi|210147442|ref|NM\_001136262.1| Homo sapiens ataxin 7-like 3B (ATXN7L3B), mRNA;

gi|210147445|ref|NM\_182495.5| Homo sapiens family with sequence similarity 55, member B (FAM55B), non-coding RNA;

gi|210147449|ref|NR\_024283.1| Homo sapiens uncharacterized LOC158376 (LOC158376), non-coding RNA;

gi|210147452|ref|NM\_001136263.1| Homo sapiens C2 calcium-dependent domain containing 4C (C2CD4C), mRNA;

gi|210147456|ref|NM\_001136265.1| Homo sapiens intermediate filament family orphan 2 (IFFO2), mRNA;

gi|210147460|ref|NR\_015417.1| Homo sapiens uncharacterized LOC284276 (LOC284276), non-coding RNA;

gi|210147461|ref|NM\_001039500.2| Homo sapiens von Willebrand factor A domain containing 5B1 (VWA5B), mRNA;

gi|210147466|ref|NM\_001541.3| Homo sapiens heat shock 27kDa protein 2 (HSPB2), mRNA;

gi|210147473|ref|NM\_022366.2| Homo sapiens transcription factor B2, mitochondrial (TFB2M), nuclear gene;

gi|210147474|ref|NM\_001136273.1| Homo sapiens zinc finger protein 92 homolog (mouse) (ZFP92), mRNA;

gi|210147476|ref|NR\_024284.1| Homo sapiens ZEB1 antisense RNA 1 (non-protein coding) (ZEB1-AS1), non-coding RNA;

gi|210147480|ref|NM\_023009.5| Homo sapiens MARCKS-like 1 (MARCKSL1), mRNA;

gi|210147486|ref|NM\_001136275.1| Homo sapiens akirin 1 (AKIRIN1), transcript variant 2, mRNA; gi|210147492|ref|NM\_001136469.1| Homo sapiens transmembrane protein 108 (TMEM108), transcript variant 1, mRNA;

gi|210147504|ref|NM\_001136472.1| Homo sapiens lipopolysaccharide-induced TNF factor (LITAF), transcript variant 1, mRNA;

gi|210147509|ref|NM\_024646.2| Homo sapiens zyg-11 homolog B (C. elegans) (ZYG11B), mRNA;

gi|210147512|ref|NR\_024321.1| Homo sapiens long intergenic non-protein coding RNA 115 (LINC00115), non-coding RNA;

gi|210147518|ref|NR\_024322.1| Homo sapiens male-specific lethal 3 homolog (Drosophila) pseudogene 1 (Msl3), non-coding RNA;

gi|210147521|ref|NM\_020928.1| Homo sapiens zinc finger, SWIM-type containing 6 (ZSWIM6), mRNA;

gi|210147523|ref|NM\_024749.3| Homo sapiens vasohibin 2 (VASH2), transcript variant 1, mRNA; gi|210147528|ref|NM\_005477.2| Homo sapiens hyperpolarization activated cyclic nucleotide-gated potassium channel 4 (HCN4), mRNA;

gi|210147537|ref|NM\_025106.3| Homo sapiens splA/ryanodine receptor domain and SOCS box containing protein 1 (SOCS1), mRNA;

gi|210147544|ref|NR\_015439.1| Homo sapiens uncharacterized LOC550112 (LOC550112), non-coding RNA;

gi|210147553|ref|NR\_024330.1| Homo sapiens long intergenic non-protein coding RNA 85 (LINC00085), non-coding RNA;

gi|210147556|ref|NR\_024333.1| Homo sapiens uncharacterized LOC147727 (LOC147727), non-coding RNA;

gi|210147557|ref|NM\_194296.1| Homo sapiens spermatogenesis associated 24 (SPATA24), mRNA;

gi|210147561|ref|NR\_024334.1| Homo sapiens uncharacterized LOC645431 (LOC645431), non-coding RNA;

gi|210147564|ref|NR\_024335.1| Homo sapiens uncharacterized LOC148231 (FLJ25328), transcript variant 1, mRNA;

gi|210147566|ref|NM\_182542.2| Homo sapiens family with sequence similarity 194, member B (FAM194B), non-coding RNA;

gi|210147575|ref|NM\_203402.2| Homo sapiens fat storage-inducing transmembrane protein 1 (FITM1), mRNA;

gi|210147580|ref|NM\_001136482.1| Homo sapiens chromosome 19 open reading frame 38 (C19orf38), mRNA;

gi|210147582|ref|NM\_001136483.1| Homo sapiens chromosome 17 open reading frame 105 (C17orf105), mRNA;

gi|210147584|ref|NR\_024337.1| Homo sapiens chromosome 1 open reading frame 133 (C1orf133), non-coding RNA;

gi|210147585|ref|NM\_019605.3| Homo sapiens SERTA domain containing 4 (SERTAD4), mRNA;

gi|210147586|ref|NR\_015441.1| Homo sapiens potassium channel tetramerisation domain containing 5 protein 1 (KCTD15), mRNA;

gi|210147587|ref|NM\_023002.2| Homo sapiens hyaluronan and proteoglycan link protein 4 (HAPLN4), mRNA;

gi|210147593|ref|NR\_024338.1| Homo sapiens long intergenic non-protein coding RNA 238 (LINC00238), non-coding RNA;

gi|210147595|ref|NR\_024340.1| Homo sapiens chromosome 10 open reading frame 40 (C10orf40), non-coding RNA;

gi|210147596|ref|NR\_024341.1| Homo sapiens uncharacterized LOC643210 (FLJ40292), non-coding RNA;

gi|210147597|ref|NM\_001136485.1| Homo sapiens chromosome 11 open reading frame 86 (C11orf86), mRNA;

gi|210147599|ref|NM\_001136486.1| Homo sapiens tripartite motif containing 64 (TRIM64), mRNA;

gi|21040234|ref|NM\_139158.1| Homo sapiens cyclin-dependent kinase 15 (CDK15), mRNA;  
 gi|21040246|ref|NM\_139164.1| Homo sapiens StAR-related lipid transfer (START) domain containing 4 (STAR4), mRNA;  
 gi|21040260|ref|NM\_139171.1| Homo sapiens StAR-related lipid transfer (START) domain containing 6 (STAR6), mRNA;  
 gi|21040262|ref|NM\_139172.1| Homo sapiens transmembrane protein 190 (TMEM190), mRNA;  
 gi|21040268|ref|NM\_139175.1| Homo sapiens ring finger protein 133 (RNF133), mRNA;  
 gi|21040325|ref|NM\_138927.1| Homo sapiens SON DNA binding protein (SON), transcript variant f, mRNA;  
 gi|21040327|ref|NM\_138722.1| Homo sapiens BCL2-like 14 (apoptosis facilitator) (BCL2L14), transcript variant 1, mRNA;  
 gi|21040359|ref|NM\_138991.1| Homo sapiens beta-site APP-cleaving enzyme 2 (BACE2), transcript variant 1, mRNA;  
 gi|21071005|ref|NM\_005706.2| Homo sapiens tumor suppressing subtransferable candidate 4 (TSSC4), mRNA;  
 gi|21071012|ref|NM\_002770.2| Homo sapiens protease, serine, 2 (trypsin 2) (PRSS2), mRNA;  
 gi|21071022|ref|NM\_003531.2| Homo sapiens histone cluster 1, H3c (HIST1H3C), mRNA;  
 gi|21071023|ref|NM\_003539.3| Homo sapiens histone cluster 1, H4d (HIST1H4D), mRNA;  
 gi|21071024|ref|NM\_003542.3| Homo sapiens histone cluster 1, H4c (HIST1H4C), mRNA;  
 gi|21071025|ref|NM\_005319.3| Homo sapiens histone cluster 1, H1c (HIST1H1C), mRNA;  
 gi|21071027|ref|NM\_012404.2| Homo sapiens acidic (leucine-rich) nuclear phosphoprotein 32 family, member 1 (ANP32), mRNA;  
 gi|21071031|ref|NM\_016222.2| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 41 (DDX41), mRNA;  
 gi|21071042|ref|NM\_000193.2| Homo sapiens sonic hedgehog (SHH), mRNA;  
 gi|21071069|ref|NM\_138691.2| Homo sapiens transmembrane channel-like 1 (TMC1), mRNA;  
 gi|21071076|ref|NM\_014992.1| Homo sapiens dishevelled associated activator of morphogenesis 1 (DAAM1), mRNA;  
 gi|21071079|ref|NM\_012304.3| Homo sapiens F-box and leucine-rich repeat protein 7 (FBXL7), mRNA;  
 gi|21071080|ref|NM\_002075.2| Homo sapiens guanine nucleotide binding protein (G protein), beta polypeptide 1 (GNB1), mRNA;  
 gi|211057399|ref|NR\_024349.1| Homo sapiens uncharacterized LOC284023 (LOC284023), non-coding RNA;  
 gi|211057410|ref|NM\_001136498.1| Homo sapiens CDGSH iron sulfur domain 3 (CISD3), mRNA;  
 gi|211057414|ref|NM\_052960.2| Homo sapiens retinol binding protein 7, cellular (RBP7), mRNA;  
 gi|211057415|ref|NM\_001136499.1| Homo sapiens zinc finger protein 841 (ZNF841), mRNA;  
 gi|211058419|ref|NM\_053053.3| Homo sapiens transcriptional adaptor 1 (TADA1), mRNA;  
 gi|211058420|ref|NM\_001136501.1| Homo sapiens zinc finger protein 844 (ZNF844), mRNA;  
 gi|211059424|ref|NM\_001136503.1| Homo sapiens chromosome 19 open reading frame 77 (C19orf77), mRNA;  
 gi|211059426|ref|NM\_144618.2| Homo sapiens GA binding protein transcription factor, beta subunit 2 (GABP2), mRNA;  
 gi|211059427|ref|NM\_177402.4| Homo sapiens synaptotagmin II (SYT2), transcript variant 1, mRNA;  
 gi|211059430|ref|NM\_182588.2| Homo sapiens RANBP2-like and GRIP domain containing 4 (RGP4), mRNA;  
 gi|211059432|ref|NM\_001136505.1| Homo sapiens coiled-coil domain containing 79 (CCDC79), mRNA;  
 gi|211059436|ref|NM\_001136507.1| Homo sapiens methyl-CpG binding domain protein 3-like 5 (MBD3L5), mRNA;  
 gi|211059438|ref|NM\_001136508.1| Homo sapiens chromosome 1 open reading frame 185 (C1orf185), mRNA;  
 gi|211059440|ref|NM\_001136509.1| Homo sapiens zinc finger protein 843 (ZNF843), mRNA;  
 gi|211063474|ref|NR\_024342.1| Homo sapiens small ILF3/NF90-associated RNA H (SNAR-H), small nuclear RNA;  
 gi|211063475|ref|NR\_024343.1| Homo sapiens small ILF3/NF90-associated RNA I (SNAR-I), small nuclear RNA;  
 gi|211063477|ref|NM\_032793.3| Homo sapiens major facilitator superfamily domain containing 2A (MFSD2A), mRNA;  
 gi|211063481|ref|NR\_024344.1| Homo sapiens uncharacterized LOC283174 (LOC283174), non-coding RNA;  
 gi|211064486|ref|NM\_001136495.1| Homo sapiens chromosome 1 open reading frame 198 (C1orf198), transcript variant 1, mRNA;  
 gi|211064492|ref|NR\_024345.1| Homo sapiens HNF1A antisense RNA 1 (non-protein coding) (HNF1A-AS1), non-coding RNA;  
 gi|211065511|ref|NR\_024348.1| Homo sapiens FBXL19 antisense RNA 1 (non-protein coding) (FBXL19-AS1), non-coding RNA;  
 gi|21166386|ref|NM\_003524.2| Homo sapiens histone cluster 1, H2bh (HIST1H2BH), mRNA;  
 gi|21166387|ref|NM\_003525.2| Homo sapiens histone cluster 1, H2bi (HIST1H2BI), mRNA;  
 gi|21166388|ref|NM\_003526.2| Homo sapiens histone cluster 1, H2bc (HIST1H2BC), mRNA;  
 gi|21166390|ref|NM\_003538.3| Homo sapiens histone cluster 1, H4a (HIST1H4A), mRNA;  
 gi|21166391|ref|NM\_003540.3| Homo sapiens histone cluster 1, H4f (HIST1H4F), mRNA;

gi|21166392|ref|NM\_003544.2| Homo sapiens histone cluster 1, H4b (HIST1H4B), mRNA;

gi|21166393|ref|NM\_003547.2| Homo sapiens histone cluster 1, H4g (HIST1H4G), mRNA;

gi|211904082|ref|NM\_004784.2| Homo sapiens N-deacetylase/N-sulfotransferase (heparan glucosaminyl) :

gi|211904087|ref|NM\_080832.2| Homo sapiens poly(A) binding protein, cytoplasmic 5 (PABPC5), mRNA;

gi|211904122|ref|NM\_138774.3| Homo sapiens R3H domain containing 4 (R3HDM4), mRNA;

gi|211904126|ref|NR\_024351.1| Homo sapiens long intergenic non-protein coding RNA 160 (LINC00160), n

gi|211904132|ref|NM\_014764.3| Homo sapiens DAZ associated protein 2 (DAZAP2), transcript variant 1, m

gi|211904155|ref|NM\_001136530.1| Homo sapiens serpin peptidase inhibitor, clade E (nexin, plasminogen

gi|211904167|ref|NM\_004805.3| Homo sapiens polymerase (RNA) II (DNA directed) polypeptide D (POLR2I

gi|211904175|ref|NR\_024354.1| Homo sapiens CHODL antisense RNA 1 (non-protein coding) (CHODL-AS1),

gi|211904178|ref|NR\_024355.1| Homo sapiens uncharacterized LOC339674 (BK250D10.8), non-coding RNA

gi|211904181|ref|NM\_001136533.1| Homo sapiens DDB1 and CUL4 associated factor 8-like 2 (DCAF8L2), n

gi|211904183|ref|NR\_024358.1| Homo sapiens long intergenic non-protein coding RNA 28 (LINC00028), no

gi|211904184|ref|NM\_001136534.1| Homo sapiens transmembrane protein 233 (TMEM233), mRNA;

gi|211904186|ref|NR\_024359.1| Homo sapiens long intergenic non-protein coding RNA 86 (LINC00086), no

gi|211904189|ref|NM\_001136537.1| Homo sapiens BTB (POZ) domain containing 19 (BTBD19), mRNA;

gi|211938418|ref|NM\_005434.4| Homo sapiens mal, T-cell differentiation protein-like (MALL), mRNA;

gi|211938419|ref|NM\_002898.3| Homo sapiens RNA binding motif, single stranded interacting protein 2 (R

gi|211938420|ref|NM\_003022.2| Homo sapiens SH3 domain binding glutamic acid-rich protein like (SH3BG

gi|211938421|ref|NR\_024360.1| Homo sapiens uncharacterized LOC100192378 (LOC100192378), non-codi

gi|211938424|ref|NR\_024363.1| Homo sapiens family with sequence similarity 86, member A pseudogene

gi|211938425|ref|NM\_006520.2| Homo sapiens dynein, light chain, Tctex-type 3 (DYNLT3), mRNA;

gi|211938426|ref|NR\_024365.1| Homo sapiens uncharacterized LOC100192379 (PP12613), non-coding RNA

gi|211938427|ref|NR\_024366.1| Homo sapiens long intergenic non-protein coding RNA 256A (LINC00256A)

gi|211938428|ref|NR\_024367.1| Homo sapiens long intergenic non-protein coding RNA 111 (LINC00111), n

gi|211938430|ref|NR\_015423.1| Homo sapiens uncharacterized LOC572558 (LOC572558), non-coding RNA

gi|211938432|ref|NR\_015409.1| Homo sapiens uncharacterized LOC143188 (LOC143188), non-coding RNA

gi|211938434|ref|NR\_024368.1| Homo sapiens uncharacterized LOC402483 (FLJ45340), non-coding RNA;

gi|211938435|ref|NR\_024369.1| Homo sapiens uncharacterized LOC415056 (LOC415056), non-coding RNA

gi|211938437|ref|NM\_003661.3| Homo sapiens apolipoprotein L, 1 (APOL1), transcript variant 1, mRNA; gi

gi|211938443|ref|NR\_015396.1| Homo sapiens uncharacterized LOC440356 (LOC440356), transcript varian

gi|211938445|ref|NR\_015419.1| Homo sapiens uncharacterized LOC145783 (LOC145783), non-coding RNA

gi|211938446|ref|NR\_015440.1| Homo sapiens uncharacterized LOC440556 (FLJ42875), transcript variant 1

gi|211938448|ref|NM\_004336.3| Homo sapiens budding uninhibited by benzimidazoles 1 homolog (yeast) (

gi|211938449|ref|NM\_001013615.2| Homo sapiens leucine rich adaptor protein 1 (LURAP1), mRNA;

gi|211938451|ref|NR\_024372.1| Homo sapiens uncharacterized locus FLJ25758 (FLJ25758), non-coding RNA

gi|211938452|ref|NM\_212551.4| Homo sapiens LysM, putative peptidoglycan-binding, domain containing 1

gi|211938455|ref|NM\_198552.2| Homo sapiens family with sequence similarity 89, member A (FAM89A), n

gi|211938456|ref|NM\_001004343.2| Homo sapiens microtubule-associated protein 1 light chain 3 gamma (

gi|211938457|ref|NR\_015395.1| Homo sapiens uncharacterized LOC541471 (LOC541471), transcript varian

gi|211938459|ref|NR\_024374.1| Homo sapiens DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 11-like (LOC

gi|211971007|ref|NM\_001136538.1| Homo sapiens acyl-CoA dehydrogenase family, member 10 (ACAD10),

gi|211971009|ref|NR\_015416.1| Homo sapiens uncharacterized LOC727924 (LOC727924), non-coding RNA

gi|211971010|ref|NR\_015424.1| Homo sapiens ankyrin repeat domain 36B pseudogene 2 (ANKRD36BP2), r

gi|211971034|ref|NM\_012290.4| Homo sapiens tousled-like kinase 1 (TLK1), transcript variant 1, mRNA; gi|

gi|211971040|ref|NR\_024376.1| Homo sapiens long intergenic non-protein coding RNA 256B (LINC00256B)

gi|211971042|ref|NR\_024377.1| Homo sapiens fer-1-like 4 (C. elegans) pseudogene (FER1L4), non-coding R

gi|211971043|ref|NR\_024378.1| Homo sapiens long intergenic non-protein coding RNA 51 (LINC00051), no  
 gi|211971044|ref|NR\_015434.1| Homo sapiens uncharacterized LOC148413 (LOC148413), non-coding RNA,  
 gi|211971046|ref|NM\_001007793.2| Homo sapiens budding uninhibited by benzimidazoles 3 homolog (yea  
 gi|211971051|ref|NR\_015422.1| Homo sapiens uncharacterized LOC149134 (LOC149134), non-coding RNA,  
 gi|211971053|ref|NR\_024380.1| Homo sapiens zinc finger protein 91 pseudogene (LOC441666), non-coding  
 gi|211971054|ref|NR\_024381.1| Homo sapiens uncharacterized LOC150185 (LOC150185), non-coding RNA,  
 gi|211971059|ref|NM\_001136558.1| Homo sapiens G protein-coupled receptor 107 (GPR107), transcript va  
 gi|211971062|ref|NR\_024383.1| Homo sapiens long intergenic non-protein coding RNA 461 (LINC00461), tr  
 gi|211971068|ref|NR\_015390.1| Homo sapiens uncharacterized LOC151300 (LOC151300), transcript varian  
 gi|211971070|ref|NR\_024386.1| Homo sapiens pleckstrin homology domain containing, family M (with RUI  
 gi|211971075|ref|NR\_024387.1| Homo sapiens coxsackie virus and adenovirus receptor pseudogene 2 (CX/  
 gi|211971076|ref|NR\_024388.1| Homo sapiens uncharacterized LOC152217 (LOC152217), non-coding RNA,  
 gi|211971077|ref|NR\_024389.1| Homo sapiens uncharacterized LOC100192386 (FLJ16779), non-coding RN  
 gi|211971078|ref|NR\_024390.1| Homo sapiens akirin 1 pseudogene (LOC646999), non-coding RNA;  
 gi|211971079|ref|NM\_138495.1| Homo sapiens ataxin 7-like 1 (ATXN7L1), transcript variant 3, mRNA; gi|1  
 gi|211971081|ref|NR\_024391.1| Homo sapiens uncharacterized LOC647946 (LOC647946), non-coding RNA,  
 gi|211971085|ref|NR\_024393.1| Homo sapiens uncharacterized LOC727677 (LOC727677), non-coding RNA,  
 gi|211971086|ref|NR\_015421.1| Homo sapiens uncharacterized LOC154761 (LOC154761), non-coding RNA,  
 gi|211971087|ref|NR\_024394.1| Homo sapiens uncharacterized LOC154822 (LOC154822), non-coding RNA,  
 gi|211971094|ref|NM\_001136571.1| Homo sapiens zygote arrest 1-like (ZAR1L), mRNA;  
 gi|212274326|ref|NM\_001137560.1| Homo sapiens transmembrane protein 151B (TMEM151B), mRNA;  
 gi|212274344|ref|NR\_015411.1| Homo sapiens uncharacterized LOC254559 (LOC254559), non-coding RNA,  
 gi|212274353|ref|NM\_003489.3| Homo sapiens nuclear receptor interacting protein 1 (NRIP1), mRNA;  
 gi|212274362|ref|NR\_015400.1| Homo sapiens uncharacterized LOC255025 (LOC255025), non-coding RNA,  
 gi|212275242|ref|NR\_015410.1| Homo sapiens long intergenic non-protein coding RNA 340 (LINC00340), n  
 gi|212275895|ref|NM\_199342.3| Homo sapiens coiled-coil domain containing 23 (CCDC23), mRNA;  
 gi|212275902|ref|NR\_024396.1| Homo sapiens uncharacterized LOC196872 (MGC23270), non-coding RNA;  
 gi|212275915|ref|NR\_024397.1| Homo sapiens uncharacterized LOC728190 (LOC728190), non-coding RNA,  
 gi|212275960|ref|NR\_024398.1| Homo sapiens uncharacterized LOC728723 (LOC728723), non-coding RNA,  
 gi|212275967|ref|NR\_024399.1| Homo sapiens uncharacterized LOC197187 (MGC23284), transcript varian  
 gi|212276010|ref|NM\_001137548.1| Homo sapiens family with sequence similarity 25, member C (FAM25C  
 gi|212276041|ref|NR\_024405.1| Homo sapiens uncharacterized LOC730101 (LOC730101), transcript varian  
 gi|212276048|ref|NM\_001137549.1| Homo sapiens family with sequence similarity 25, member G (FAM25G  
 gi|212276062|ref|NR\_024406.1| Homo sapiens uncharacterized LOC732275 (LOC732275), non-coding RNA,  
 gi|212276103|ref|NM\_001137553.1| Homo sapiens leucine rich repeat (in FLII) interacting protein 1 (LRRFII  
 gi|212276120|ref|NM\_001137554.1| Homo sapiens malignant T cell amplified sequence 1 (MCTS1), transcr  
 gi|212276136|ref|NR\_024407.1| Homo sapiens uncharacterized LOC100009676 (LOC100009676), non-codi  
 gi|212276151|ref|NM\_001137556.1| Homo sapiens family with sequence similarity 25, member B (FAM25F  
 gi|212276166|ref|NR\_024408.1| Homo sapiens uncharacterized LOC253039 (LOC253039), non-coding RNA,  
 gi|212276173|ref|NM\_012198.3| Homo sapiens grancalcin, EF-hand calcium binding protein (GCA), mRNA;  
 gi|212276187|ref|NM\_002893.3| Homo sapiens retinoblastoma binding protein 7 (RBBP7), transcript variar  
 gi|212276194|ref|NM\_198493.2| Homo sapiens ankyrin repeat domain 45 (ANKRD45), mRNA;  
 gi|212276201|ref|NM\_014553.2| Homo sapiens transcription factor CP2-like 1 (TFCP2L1), mRNA;  
 gi|212276208|ref|NR\_015413.1| Homo sapiens uncharacterized LOC254312 (LOC254312), transcript varian  
 gi|212276218|ref|NM\_006055.2| Homo sapiens LanC lantibiotic synthetase component C-like 1 (bacterial) (i  
 gi|212276234|ref|NM\_020814.2| Homo sapiens membrane-associated ring finger (C3HC4) 4, E3 ubiquitin p  
 gi|212276296|ref|NR\_015442.1| Homo sapiens uncharacterized LOC401397 (LOC401397), transcript varian



gi|212276331|ref|NR\_024413.1| Homo sapiens uncharacterized LOC401105 (FLJ42393), non-coding RNA;

gi|212286122|ref|NM\_033198.3| Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class S (PI

gi|212286149|ref|NM\_001031716.2| Homo sapiens oligonucleotide/oligosaccharide-binding fold containin

gi|212286152|ref|NR\_024416.1| Homo sapiens uncharacterized LOC255031 (FLJ35390), transcript variant 1

gi|212286153|ref|NR\_024417.1| Homo sapiens uncharacterized LOC100192420 (FLJ41941), non-coding RN

gi|212286155|ref|NM\_001137601.1| Homo sapiens zinc finger and BTB domain containing 42 (ZBTB42), mF

gi|212286157|ref|NR\_024116.2| Homo sapiens RAS p21 protein activator 4 pseudogene (RASA4P), non-cod

gi|212286158|ref|NM\_001137602.1| Homo sapiens mediator of cell motility 1 (MEMO1), transcript variant

gi|212286160|ref|NR\_024418.1| Homo sapiens uncharacterized LOC389332 (LOC389332), non-coding RNA

gi|212286166|ref|NR\_024419.1| Homo sapiens uncharacterized LOC100192426 (LOC100192426), non-codi

gi|212286167|ref|NR\_024421.1| Homo sapiens ZNF503 antisense RNA 2 (non-protein coding) (ZNF503-AS2

gi|212286169|ref|NR\_024420.1| Homo sapiens uncharacterized LOC389634 (LOC389634), non-coding RNA

gi|212286170|ref|NM\_019014.4| Homo sapiens polymerase (RNA) I polypeptide B, 128kDa (POLR1B), trans

gi|212286173|ref|NM\_032772.4| Homo sapiens zinc finger protein 503 (ZNF503), mRNA;

gi|212286175|ref|NR\_024424.1| Homo sapiens uncharacterized LOC255167 (LOC255167), non-coding RNA

gi|212286176|ref|NM\_032312.3| Homo sapiens Yip1 domain family, member 4 (YIPF4), mRNA;

gi|212286177|ref|NR\_024425.1| Homo sapiens uncharacterized LOC389791 (LOC389791), non-coding RNA

gi|212286186|ref|NM\_001136478.2| Homo sapiens acidic (leucine-rich) nuclear phosphoprotein 32 family,

gi|212286187|ref|NM\_016456.3| Homo sapiens transmembrane protein 9 (TMEM9), mRNA;

gi|21237722|ref|NM\_003932.3| Homo sapiens suppression of tumorigenicity 13 (colon carcinoma) (Hsp70

gi|21237724|ref|NM\_002649.2| Homo sapiens phosphoinositide-3-kinase, catalytic, gamma polypeptide (P

gi|21237767|ref|NM\_139078.1| Homo sapiens mitogen-activated protein kinase-activated protein kinase 5

gi|212549533|ref|NR\_024441.1| Homo sapiens uncharacterized LOC731779 (LOC731779), non-coding RNA

gi|212549535|ref|NM\_001137669.1| Homo sapiens regulator of G-protein signaling like 1 (RGSL1), mRNA;

gi|212549545|ref|NM\_001137671.1| Homo sapiens POTE ankyrin domain family, member C (POTEC), mRN

gi|212549550|ref|NM\_004516.3| Homo sapiens interleukin enhancer binding factor 3, 90kDa (ILF3), transcr

gi|212549558|ref|NR\_024442.1| Homo sapiens phosphodiesterase 4D interacting protein pseudogene (LOC

gi|212549564|ref|NM\_015981.3| Homo sapiens calcium/calmodulin-dependent protein kinase II alpha (CAI

gi|212549570|ref|NR\_024429.1| Homo sapiens uncharacterized LOC283050 (LOC283050), transcript varian

gi|212549571|ref|NR\_024430.1| Homo sapiens mir-100-let-7a-2 cluster host gene (non-protein coding) (MI

gi|212549573|ref|NR\_015451.1| Homo sapiens long intergenic non-protein coding RNA 294 (LINC00294), n

gi|212549575|ref|NM\_001137608.1| Homo sapiens zinc finger protein 732 (ZNF732), mRNA;

gi|212549579|ref|NR\_024433.1| Homo sapiens uncharacterized LOC283663 (LOC283663), non-coding RNA

gi|212549580|ref|NR\_024434.1| Homo sapiens uncharacterized LOC100133991 (LOC100133991), non-codi

gi|212549584|ref|NR\_024437.1| Homo sapiens uncharacterized LOC728323 (LOC728323), non-coding RNA

gi|212549588|ref|NM\_172078.2| Homo sapiens calcium/calmodulin-dependent protein kinase II beta (CAN

gi|212549592|ref|NM\_001137610.1| Homo sapiens family with sequence similarity 86, member B2 (FAM86

gi|212549697|ref|NM\_014067.3| Homo sapiens MACRO domain containing 1 (MACROD1), mRNA;

gi|212549735|ref|NM\_016238.2| Homo sapiens anaphase promoting complex subunit 7 (ANAPC7), transcri

gi|212549749|ref|NM\_001221.3| Homo sapiens calcium/calmodulin-dependent protein kinase II delta (CAN

gi|212549757|ref|NR\_024440.1| Homo sapiens uncharacterized LOC729609 (LOC729609), non-coding RNA

gi|212549780|ref|NM\_012115.3| Homo sapiens caspase 8 associated protein 2 (CASP8AP2), transcript vari

gi|21264319|ref|NM\_138329.1| Homo sapiens NLR family, pyrin domain containing 6 (NLRP6), mRNA;

gi|21264323|ref|NM\_138327.1| Homo sapiens trace amine associated receptor 1 (TAAR1), mRNA;

gi|21264338|ref|NM\_006943.2| Homo sapiens SRY (sex determining region Y)-box 12 (SOX12), mRNA;

gi|21264372|ref|NM\_007000.2| Homo sapiens uroplakin 1A (UPK1A), mRNA;

gi|21264566|ref|NM\_003532.2| Homo sapiens histone cluster 1, H3e (HIST1H3E), mRNA;

gi|21264570|ref|NM\_003534.2| Homo sapiens histone cluster 1, H3g (HIST1H3G), mRNA;  
 gi|21264590|ref|NM\_022909.3| Homo sapiens centromere protein H (CENPH), mRNA;  
 gi|21264599|ref|NM\_003543.3| Homo sapiens histone cluster 1, H4h (HIST1H4H), mRNA;  
 gi|21264600|ref|NM\_003545.3| Homo sapiens histone cluster 1, H4e (HIST1H4E), mRNA;  
 gi|21264601|ref|NM\_005560.3| Homo sapiens laminin, alpha 5 (LAMA5), mRNA;  
 gi|21265098|ref|NM\_012466.2| Homo sapiens tetraspanin 16 (TSPAN16), mRNA;  
 gi|21265107|ref|NM\_004616.2| Homo sapiens tetraspanin 8 (TSPAN8), mRNA;  
 gi|21265112|ref|NM\_003963.2| Homo sapiens transmembrane 4 L six family member 5 (TM4SF5), mRNA;  
 gi|21265115|ref|NM\_003270.2| Homo sapiens tetraspanin 6 (TSPAN6), mRNA;  
 gi|21269863|ref|NM\_005643.2| Homo sapiens TAF11 RNA polymerase II, TATA box binding protein (TBP)-a;  
 gi|212720589|ref|NM\_152321.2| Homo sapiens endoplasmic reticulum protein 27 (ERP27), mRNA;  
 gi|212720602|ref|NM\_016095.2| Homo sapiens GINS complex subunit 2 (Psf2 homolog) (GINS2), mRNA;  
 gi|212720629|ref|NM\_001080825.2| Homo sapiens transmembrane protein 120B (TMEM120B), mRNA;  
 gi|212720667|ref|NM\_016146.4| Homo sapiens trafficking protein particle complex 4 (TRAPPC4), mRNA;  
 gi|212720746|ref|NR\_024444.1| Homo sapiens uncharacterized LOC100133985 (LOC100133985), non-codi  
 gi|212720860|ref|NM\_001139442.1| Homo sapiens tubulin tyrosine ligase-like family, member 11 (TTLL11)  
 gi|212720888|ref|NM\_001139443.1| Homo sapiens bestrophin 1 (BEST1), transcript variant 2, mRNA; gi|21  
 gi|212720917|ref|NR\_024447.1| Homo sapiens uncharacterized LOC100128288 (LOC100128288), non-codi  
 gi|21281678|ref|NM\_139283.1| Homo sapiens PTC7 protein phosphatase homolog (S. cerevisiae) (PPTC7),  
 gi|21281684|ref|NM\_139250.1| Homo sapiens cancer/testis antigen 1A (CTAG1A), mRNA;  
 gi|213021151|ref|NM\_174959.2| Homo sapiens SVOP-like (SVOPL), transcript variant 2, mRNA; gi|2130211  
 gi|213021161|ref|NM\_001139459.1| Homo sapiens consortin, connexin sorting protein (CNST), transcript v  
 gi|213021164|ref|NR\_024451.1| Homo sapiens uncharacterized LOC100134229 (LOC100134229), non-codi  
 gi|213021173|ref|NR\_024452.1| Homo sapiens uncharacterized LOC100134259 (LOC100134259), non-codi  
 gi|213021177|ref|NR\_024453.1| Homo sapiens uncharacterized LOC100134368 (LOC100134368), non-codi  
 gi|213021181|ref|NR\_024454.1| Homo sapiens uncharacterized LOC100134713 (LOC100134713), non-codi  
 gi|213021183|ref|NR\_024455.1| Homo sapiens uncharacterized LOC100133612 (LOC100133612), non-codi  
 gi|213021185|ref|NM\_001139466.1| Homo sapiens transducin (beta)-like 1X-linked (TBL1X), transcript vari  
 gi|213021194|ref|NR\_024439.1| Homo sapiens uncharacterized LOC729121 (LOC729121), non-coding RNA,  
 gi|21314629|ref|NM\_004054.2| Homo sapiens complement component 3a receptor 1 (C3AR1), mRNA;  
 gi|21314652|ref|NM\_012400.2| Homo sapiens phospholipase A2, group IID (PLA2G2D), mRNA;  
 gi|21314657|ref|NM\_016134.2| Homo sapiens carboxypeptidase Q (CPQ), mRNA;  
 gi|21314666|ref|NM\_016207.2| Homo sapiens cleavage and polyadenylation specific factor 3, 73kDa (CPSF  
 gi|21314672|ref|NM\_016438.2| Homo sapiens HIG1 hypoxia inducible domain family, member 1B (HIGD1B  
 gi|21314694|ref|NM\_020839.2| Homo sapiens WD repeat domain 48 (WDR48), mRNA;  
 gi|21314727|ref|NM\_024899.2| Homo sapiens centrosomal protein 76kDa (CEP76), mRNA;  
 gi|21314759|ref|NM\_032792.2| Homo sapiens zinc finger and BTB domain containing 45 (ZBTB45), mRNA;  
 gi|21327679|ref|NM\_001672.2| Homo sapiens agouti signaling protein (ASIP), mRNA;  
 gi|21327700|ref|NM\_139215.1| Homo sapiens TAF15 RNA polymerase II, TATA box binding protein (TBP)-a;  
 gi|21328445|ref|NM\_005357.2| Homo sapiens lipase, hormone-sensitive (LIPE), mRNA;  
 gi|21328452|ref|NM\_001146.3| Homo sapiens angiopoietin 1 (ANGPT1), transcript variant 1, mRNA; gi|315  
 gi|21328453|ref|NM\_015985.2| Homo sapiens angiopoietin 4 (ANGPT4), mRNA;  
 gi|21328454|ref|NM\_003516.2| Homo sapiens histone cluster 2, H2aa3 (HIST2H2AA3), mRNA;  
 gi|213385260|ref|NR\_024456.1| Homo sapiens uncharacterized LOC100190986 (LOC100190986), non-codi  
 gi|213385265|ref|NR\_024458.1| Homo sapiens TPT1 antisense RNA 1 (non-protein coding) (TPT1-AS1), non  
 gi|213385266|ref|NM\_170672.2| Homo sapiens RAS guanyl releasing protein 3 (calcium and DAG-regulatec  
 gi|213385276|ref|NM\_015650.3| Homo sapiens TNF receptor-associated factor 3 interacting protein 1 (TRAF

gi|213385281|ref|NR\_024461.1| Homo sapiens uncharacterized LOC100190938 (LOC100190938), transcript  
gi|213385290|ref|NR\_024463.1| Homo sapiens uncharacterized LOC100189589 (LOC100189589), non-codi  
gi|213385292|ref|NM\_000061.2| Homo sapiens Bruton agammaglobulinemia tyrosine kinase (BTK), mRNA;  
gi|213385298|ref|NM\_134262.2| Homo sapiens RAR-related orphan receptor A (RORA), transcript variant 4  
gi|213385302|ref|NR\_024464.1| Homo sapiens long intergenic non-protein coding RNA 426 (LINC00426), n  
gi|213385322|ref|NM\_001137559.1| Homo sapiens anaphase promoting complex subunit 5 (ANAPC5), trar  
gi|213417587|ref|NM\_033642.2| Homo sapiens fibroblast growth factor 13 (FGF13), transcript variant 6, m  
gi|213417647|ref|NM\_001080509.2| Homo sapiens tetraspanin 11 (TSPAN11), mRNA;  
gi|213417681|ref|NR\_002227.2| Homo sapiens disrupted in schizophrenia 2 (non-protein coding) (DISC2), r  
gi|213417688|ref|NR\_024467.1| Homo sapiens uncharacterized LOC100188947 (LOC100188947), non-codi  
gi|213417729|ref|NR\_024468.1| Homo sapiens uncharacterized LOC730811 (LOC730811), non-coding RNA  
gi|213417747|ref|NM\_133471.3| Homo sapiens protein phosphatase 1, regulatory subunit 18 (PPP1R18), ti  
gi|213417754|ref|NR\_015391.1| Homo sapiens LSAMP antisense RNA 3 (non-protein coding) (LSAMP-AS3),  
gi|213417819|ref|NM\_002910.5| Homo sapiens renin binding protein (RENBP), mRNA;  
gi|213417836|ref|NR\_015394.1| Homo sapiens uncharacterized LOC285205 (LOC285205), non-coding RNA  
gi|213417850|ref|NR\_015450.1| Homo sapiens uncharacterized LOC285548 (LOC285548), non-coding RNA  
gi|213417875|ref|NR\_024469.1| Homo sapiens uncharacterized LOC100130987 (LOC100130987), non-codi  
gi|213417881|ref|NR\_015392.1| Homo sapiens uncharacterized LOC285962 (FLJ40852), non-coding RNA;  
gi|213417918|ref|NM\_001139518.1| Homo sapiens protein kinase, interferon-inducible double stranded RI  
gi|213417936|ref|NR\_015448.1| Homo sapiens DLX6 antisense RNA 1 (non-protein coding) (DLX6-AS1), nor  
gi|213417942|ref|NR\_024470.1| Homo sapiens uncharacterized LOC100127888 (LOC100127888), non-codi  
gi|213417947|ref|NR\_024471.1| Homo sapiens MRPL23 antisense RNA 1 (non-protein coding) (MRPL23-AS  
gi|213417948|ref|NR\_015445.1| Homo sapiens breast cancer estrogen-induced apoptosis 2 (BREA2), non-c  
gi|213417968|ref|NR\_024472.1| Homo sapiens Ras suppressor protein 1 pseudogene (LOC100133308), nor  
gi|213418006|ref|NR\_024473.1| Homo sapiens uncharacterized LOC286135 (LOC286135), non-coding RNA  
gi|213418017|ref|NR\_024474.1| Homo sapiens ubiquitin-conjugating enzyme E2Q family member 2 pseudc  
gi|213418067|ref|NM\_003033.3| Homo sapiens ST3 beta-galactoside alpha-2,3-sialyltransferase 1 (ST3GAL  
gi|213511806|ref|NR\_015425.1| Homo sapiens uncharacterized LOC338588 (LOC338588), non-coding RNA  
gi|213511863|ref|NR\_024475.1| Homo sapiens uncharacterized LOC100216001 (LOC100216001), non-codi  
gi|213511902|ref|NR\_015407.1| Homo sapiens uncharacterized LOC339535 (LOC339535), non-coding RNA  
gi|213511940|ref|NR\_015405.1| Homo sapiens uncharacterized LOC339788 (LOC339788), non-coding RNA  
gi|213511959|ref|NR\_024477.1| Homo sapiens uncharacterized LOC100132707 (LOC100132707), transcrip  
gi|213511996|ref|NR\_024478.1| Homo sapiens uncharacterized LOC100132354 (LOC100132354), non-codi  
gi|213512033|ref|NR\_024479.1| Homo sapiens HCC-related HCC-C11\_v3 (LOC100131726), non-coding RNA  
gi|213512111|ref|NR\_024480.1| Homo sapiens uncharacterized LOC100131551 (LOC100131551), non-codi  
gi|213512167|ref|NM\_001141917.1| Homo sapiens family with sequence similarity 205, member A (FAM20  
gi|213512396|ref|NR\_024481.1| Homo sapiens family with sequence similarity 205, member B (FAM205B),  
gi|213512533|ref|NR\_015415.1| Homo sapiens DICER1 antisense RNA 1 (non-protein coding) (DICER1-AS1),  
gi|213512664|ref|NR\_024483.1| Homo sapiens CECR5 antisense RNA 1 (non-protein coding) (CECR5-AS1), t  
gi|213512758|ref|NR\_024484.1| Homo sapiens uncharacterized LOC400657 (LOC400657), non-coding RNA  
gi|213512777|ref|NR\_024485.1| Homo sapiens uncharacterized LOC100130093 (LOC100130093), transcrip  
gi|213512837|ref|NM\_006110.2| Homo sapiens CD2 (cytoplasmic tail) binding protein 2 (CD2BP2), transcrip  
gi|213513047|ref|NR\_024490.1| Homo sapiens uncharacterized LOC100129387 (LOC100129387), non-codi  
gi|213513106|ref|NR\_024491.1| Homo sapiens uncharacterized LOC100128573 (LOC100128573), non-codi  
gi|213513397|ref|NR\_015432.1| Homo sapiens long intergenic non-protein coding RNA 493 (LINC00493), n  
gi|21359830|ref|NM\_000699.2| Homo sapiens amylase, alpha 2A (pancreatic) (AMY2A), mRNA;  
gi|21359839|ref|NM\_003096.2| Homo sapiens small nuclear ribonucleoprotein polypeptide G (SNRPG), mR

gi|21359853|ref|NM\_004582.2| Homo sapiens Rab geranylgeranyltransferase, beta subunit (RABGGTB), mRNA;

gi|21359863|ref|NM\_002159.2| Homo sapiens histatin 1 (HTN1), mRNA;

gi|21359892|ref|NM\_012460.2| Homo sapiens translocase of inner mitochondrial membrane 9 homolog (y

gi|21359902|ref|NM\_016073.2| Homo sapiens hepatoma-derived growth factor, related protein 3 (HDGFR1

gi|21359919|ref|NM\_017578.2| Homo sapiens rhophilin associated tail protein 1 (ROPN1), mRNA;

gi|21359921|ref|NM\_018146.2| Homo sapiens RNA methyltransferase like 1 (RNMTL1), mRNA;

gi|21359925|ref|NM\_018200.2| Homo sapiens high mobility group 20A (HMG20A), mRNA;

gi|21359934|ref|NM\_020693.2| Homo sapiens Down syndrome cell adhesion molecule like 1 (DSCAML1), n

gi|21359948|ref|NM\_021245.2| Homo sapiens myozenin 1 (MYOZ1), mRNA;

gi|21361301|ref|NM\_006215.2| Homo sapiens serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, a

gi|21361321|ref|NM\_006087.2| Homo sapiens tubulin, beta 4A class IVa (TUBB4A), mRNA;

gi|21361379|ref|NM\_007241.2| Homo sapiens SNF8, ESCRT-II complex subunit, homolog (S. cerevisiae) (SN

gi|21361439|ref|NM\_013401.2| Homo sapiens RAB3A interacting protein (rabin3)-like 1 (RAB3IL1), mRNA;

gi|21361453|ref|NM\_013328.2| Homo sapiens pyrroline-5-carboxylate reductase family, member 2 (PYCR2

gi|21361494|ref|NM\_014039.2| Homo sapiens chromosome 11 open reading frame 54 (C11orf54), mRNA;

gi|21361575|ref|NM\_016505.2| Homo sapiens zinc finger, CCHC domain containing 17 (ZCCHC17), mRNA;

gi|21361597|ref|NM\_016447.2| Homo sapiens membrane protein, palmitoylated 6 (MAGUK p55 subfamily

gi|21361605|ref|NM\_021825.3| Homo sapiens coiled-coil domain containing 90B (CCDC90B), mRNA;

gi|21361683|ref|NM\_018025.2| Homo sapiens G patch domain containing 1 (GPATCH1), mRNA;

gi|21361740|ref|NM\_016485.3| Homo sapiens Vps20-associated 1 homolog (S. cerevisiae) (VTA1), mRNA;

gi|21361742|ref|NM\_018376.2| Homo sapiens nipsnap homolog 3B (C. elegans) (NIPSNAP3B), mRNA;

gi|21361833|ref|NM\_020372.2| Homo sapiens solute carrier family 22, member 17 (SLC22A17), transcript v

gi|21361855|ref|NM\_033261.2| Homo sapiens isopentenyl-diphosphate delta isomerase 2 (IDI2), mRNA;

gi|21361889|ref|NM\_021633.2| Homo sapiens kelch-like 12 (Drosophila) (KLHL12), mRNA;

gi|21361898|ref|NM\_021815.2| Homo sapiens solute carrier family 5 (choline transporter), member 7 (SLC

gi|21361946|ref|NM\_030795.2| Homo sapiens stathmin-like 4 (STMN4), mRNA;

gi|21361958|ref|NM\_025181.2| Homo sapiens solute carrier family 35, member F5 (SLC35F5), mRNA;

gi|21362049|ref|NM\_032357.2| Homo sapiens coiled-coil domain containing 115 (CCDC115), mRNA;

gi|21362069|ref|NM\_024067.2| Homo sapiens chromosome 7 open reading frame 26 (C7orf26), mRNA;

gi|21362095|ref|NM\_022760.3| Homo sapiens family with sequence similarity 113, member A (FAM113A),

gi|213688344|ref|NM\_175569.2| Homo sapiens Xg blood group (XG), transcript variant 1, mRNA; gi|21368

gi|213688349|ref|NR\_024489.1| Homo sapiens small nuclear ribonucleoprotein polypeptide N pseudogene

gi|213688368|ref|NR\_024492.1| Homo sapiens uncharacterized LOC645644 (FLJ42627), non-coding RNA;

gi|213688371|ref|NR\_024493.1| Homo sapiens long intergenic non-protein coding RNA 87 (LINC00087), no

gi|213688378|ref|NM\_001613.2| Homo sapiens actin, alpha 2, smooth muscle, aorta (ACTA2), transcript va

gi|213688384|ref|NR\_024494.1| Homo sapiens breakpoint cluster region pseudogene 3 (BCRP3), non-codin

gi|213688389|ref|NR\_024495.1| Homo sapiens uncharacterized LOC642826 (LOC642826), non-coding RNA,

gi|213688390|ref|NR\_024496.1| Homo sapiens uncharacterized LOC442421 (LOC442421), non-coding RNA,

gi|213688399|ref|NR\_024498.1| Homo sapiens uncharacterized LOC646471 (LOC646471), non-coding RNA,

gi|213688400|ref|NR\_024499.1| Homo sapiens FMR1 antisense RNA 1 (non-protein coding) (FMR1-AS1), tr

gi|213688409|ref|NR\_024504.1| Homo sapiens DEAH (Asp-Glu-Ala-His) box polypeptide 9 pseudogene (LOC

gi|213688412|ref|NM\_001012506.4| Homo sapiens coiled-coil domain containing 66 (CCDC66), transcript v

gi|213688418|ref|NR\_024505.1| Homo sapiens twelve-thirteen translocation leukemia (TTL), transcript vari

gi|213688421|ref|NR\_003370.2| Homo sapiens RNA polymerase I transcription factor homolog (S. cerevisia

gi|21389360|ref|NM\_144581.1| Homo sapiens chromosome 14 open reading frame 149 (C14orf149), mRNA.

gi|21389384|ref|NM\_144593.1| Homo sapiens Ras homolog enriched in brain like 1 (RHEBL1), mRNA;

gi|21389406|ref|NM\_144608.1| Homo sapiens hexamethylene bis-acetamide inducible 2 (HEXIM2), mRNA;

gi|21389472|ref|NM\_144638.1| Homo sapiens transmembrane protein 42 (TMEM42), mRNA;  
 gi|21389482|ref|NM\_144648.1| Homo sapiens leucine-rich repeats and guanylate kinase domain containi  
 gi|21389510|ref|NM\_144723.1| Homo sapiens zinc finger, matrin-type 2 (ZMAT2), mRNA;  
 gi|21389516|ref|NM\_144727.1| Homo sapiens crystallin, gamma N (CRYGN), mRNA;  
 gi|21389542|ref|NM\_144663.1| Homo sapiens chromosome 11 open reading frame 40 (C11orf40), mRNA;  
 gi|21389558|ref|NM\_144669.1| Homo sapiens glycosyltransferase 1 domain containing 1 (GLT1D1), mRNA;  
 gi|21389568|ref|NM\_144674.1| Homo sapiens tektin 5 (TEKT5), mRNA;  
 gi|21389592|ref|NM\_144690.1| Homo sapiens zinc finger protein 582 (ZNF582), mRNA;  
 gi|21389598|ref|NM\_144694.1| Homo sapiens zinc finger protein 570 (ZNF570), mRNA;  
 gi|21396481|ref|NM\_003512.3| Homo sapiens histone cluster 1, H2ac (HIST1H2AC), mRNA;  
 gi|21396482|ref|NM\_003522.3| Homo sapiens histone cluster 1, H2bf (HIST1H2BF), mRNA;  
 gi|21396483|ref|NM\_003523.2| Homo sapiens histone cluster 1, H2be (HIST1H2BE), mRNA;  
 gi|21396488|ref|NM\_004793.2| Homo sapiens lon peptidase 1, mitochondrial (LONP1), nuclear gene encoc  
 gi|21396493|ref|NM\_000276.3| Homo sapiens oculocerebrorenal syndrome of Lowe (OCRL), transcript vari  
 gi|21396497|ref|NM\_021018.2| Homo sapiens histone cluster 1, H3f (HIST1H3F), mRNA;  
 gi|21396498|ref|NM\_003537.3| Homo sapiens histone cluster 1, H3b (HIST1H3B), mRNA;  
 gi|213972557|ref|NR\_015389.1| Homo sapiens uncharacterized LOC339290 (LOC339290), non-coding RNA,  
 gi|213972564|ref|NR\_024511.1| Homo sapiens uncharacterized LOC728855 (LOC728855), non-coding RNA,  
 gi|213972565|ref|NM\_001139514.1| Homo sapiens dachshund homolog 2 (Drosophila) (DACH2), transcript  
 gi|213972590|ref|NM\_199254.2| Homo sapiens transmembrane phosphoinositide 3-phosphatase and tens  
 gi|213972606|ref|NM\_021991.2| Homo sapiens junction plakoglobin (JUP), transcript variant 2, mRNA; gi|2  
 gi|213972613|ref|NM\_080650.3| Homo sapiens ATP binding domain 4 (ATPBD4), transcript variant 1, mRN  
 gi|213972617|ref|NM\_022089.2| Homo sapiens ATPase type 13A2 (ATP13A2), transcript variant 1, mRNA; {  
 gi|213972622|ref|NM\_207444.2| Homo sapiens chromosome 15 open reading frame 53 (C15orf53), mRNA  
 gi|213972623|ref|NM\_207445.2| Homo sapiens chromosome 15 open reading frame 54 (C15orf54), mRNA  
 gi|213972635|ref|NM\_001141980.1| Homo sapiens tumor protein p53 binding protein 1 (TP53BP1), transci  
 gi|213972644|ref|NM\_002748.3| Homo sapiens mitogen-activated protein kinase 6 (MAPK6), mRNA;  
 gi|213972645|ref|NM\_153836.3| Homo sapiens cellular repressor of E1A-stimulated genes 2 (CREG2), mRN  
 gi|214010146|ref|NR\_002936.2| Homo sapiens transducer of ERBB2, 2 pseudogene 1 (TOB2P1), non-coding  
 gi|214010151|ref|NM\_198153.2| Homo sapiens triggering receptor expressed on myeloid cells-like 4 (TREN  
 gi|214010154|ref|NM\_005771.4| Homo sapiens dehydrogenase/reductase (SDR family) member 9 (DHRS9)  
 gi|214010163|ref|NM\_014700.3| Homo sapiens RAB11 family interacting protein 3 (class II) (RAB11FIP3), tr  
 gi|214010168|ref|NM\_005741.4| Homo sapiens zinc finger protein 263 (ZNF263), mRNA;  
 gi|214010172|ref|NM\_001142273.1| Homo sapiens cytoplasmic linker associated protein 1 (CLASP1), trans  
 gi|214010182|ref|NM\_001142277.1| Homo sapiens amyloid beta (A4) precursor-like protein 2 (APLP2), tra  
 gi|214010203|ref|NM\_020738.2| Homo sapiens kinase D-interacting substrate, 220kDa (KIDINS220), mRNA  
 gi|214010211|ref|NM\_001142281.1| Homo sapiens archain 1 (ARCN1), transcript variant 2, mRNA; gi|2140  
 gi|214010215|ref|NM\_001142286.1| Homo sapiens structural maintenance of chromosomes 6 (SMC6), tra  
 gi|214010217|ref|NM\_006378.3| Homo sapiens sema domain, immunoglobulin domain (Ig), transmembrar  
 gi|214010223|ref|NM\_001142282.1| Homo sapiens ribosomal protein S24 (RPS24), transcript variant f, mR  
 gi|214010228|ref|NM\_001142288.1| Homo sapiens COX4 neighbor (COX4NB), transcript variant 2, mRNA; {  
 gi|214010230|ref|NM\_024692.4| Homo sapiens CAP-GLY domain containing linker protein family, member  
 gi|214010231|ref|NM\_014972.2| Homo sapiens transcription factor 25 (basic helix-loop-helix) (TCF25), mRI  
 gi|214010242|ref|NR\_024518.1| Homo sapiens lectin, mannose-binding 2-like (LMAN2L), transcript variant  
 gi|214010246|ref|NM\_030923.4| Homo sapiens transmembrane protein 163 (TMEM163), mRNA;  
 gi|214010250|ref|NM\_001136050.2| Homo sapiens dehydrogenase/reductase (SDR family) member 1 (DHI  
 gi|21450644|ref|NM\_144965.1| Homo sapiens tetratricopeptide repeat domain 16 (TTC16), mRNA;

gi|21450664|ref|NM\_144978.1| Homo sapiens coiled-coil domain containing 138 (CCDC138), mRNA;  
 gi|21450678|ref|NM\_144981.1| Homo sapiens IMP1 inner mitochondrial membrane peptidase-like (S. cere  
 gi|21450795|ref|NM\_145041.1| Homo sapiens transmembrane protein 106A (TMEM106A), mRNA;  
 gi|21450827|ref|NM\_145058.1| Homo sapiens Rab interacting lysosomal protein-like 2 (RILPL2), mRNA;  
 gi|21450837|ref|NM\_145064.1| Homo sapiens SH3 and cysteine rich domain 3 (STAC3), mRNA;  
 gi|21450852|ref|NM\_144498.1| Homo sapiens oxysterol binding protein-like 2 (OSBPL2), transcript variant  
 gi|21464103|ref|NM\_006826.2| Homo sapiens tyrosine 3-monooxygenase/tryptophan 5-monooxygenase a  
 gi|21464104|ref|NM\_003403.3| Homo sapiens YY1 transcription factor (YY1), mRNA;  
 gi|21464122|ref|NM\_003926.5| Homo sapiens methyl-CpG binding domain protein 3 (MBD3), mRNA;  
 gi|21464126|ref|NM\_144505.1| Homo sapiens kallikrein-related peptidase 8 (KLK8), transcript variant 2, ml  
 gi|214829617|ref|NM\_020474.3| Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetyl  
 gi|214829713|ref|NM\_001142293.1| Homo sapiens ADP-ribosylation factor GTPase activating protein 3 (AF  
 gi|214829951|ref|NM\_178012.4| Homo sapiens tubulin, beta 2B class IIb (TUBB2B), mRNA;  
 gi|214830078|ref|NM\_001142294.1| Homo sapiens spastic paraplegia 20 (Troyer syndrome) (SPG20), trans  
 gi|214830387|ref|NR\_002812.3| Homo sapiens HLA complex group 26 (non-protein coding) (HCG26), non-c  
 gi|214830496|ref|NM\_014427.4| Homo sapiens copine VII (CPNE7), transcript variant 2, mRNA; gi|2148305  
 gi|214830626|ref|NM\_198568.2| Homo sapiens gap junction protein, beta 7, 25kDa (GJB7), mRNA;  
 gi|214830654|ref|NM\_001142300.1| Homo sapiens cyclin Y-like 1 (CCNYL1), transcript variant 1, mRNA; gi|  
 gi|214830808|ref|NR\_024523.1| Homo sapiens cyclin Y-like 1 pseudogene (LOC641367), non-coding RNA;  
 gi|214830927|ref|NM\_001142302.1| Homo sapiens coiled-coil domain containing 113 (CCDC113), transcrip  
 gi|214831081|ref|NM\_012430.4| Homo sapiens SEC22 vesicle trafficking protein homolog A (S. cerevisiae) |  
 gi|214831125|ref|NM\_181481.3| Homo sapiens chromosome 18 open reading frame 1 (C18orf1), transcrip  
 gi|214831164|ref|NR\_024524.1| Homo sapiens cyclin Y-like pseudogene (LOC100129055), non-coding RNA;  
 gi|214831206|ref|NM\_013304.2| Homo sapiens zinc finger, DHHC-type containing 1 (ZDHH1), mRNA;  
 gi|214831265|ref|NM\_178013.3| Homo sapiens proline rich membrane anchor 1 (PRIMA1), mRNA;  
 gi|214831335|ref|NM\_016643.3| Homo sapiens zinc finger protein 771 (ZNF771), transcript variant 1, mRN  
 gi|214831445|ref|NM\_032824.2| Homo sapiens transmembrane protein 87B (TMEM87B), mRNA;  
 gi|214831494|ref|NM\_001142306.1| Homo sapiens chromosome 5 open reading frame 60 (C5orf60), mRN  
 gi|214831600|ref|NM\_001142307.1| Homo sapiens general transcription factor IIH, polypeptide 1, 62kDa (I  
 gi|214831648|ref|NR\_003276.2| Homo sapiens carboxylesterase 1 pseudogene 1 (CES1P1), non-coding RN  
 gi|214831684|ref|NM\_018992.3| Homo sapiens potassium channel tetramerisation domain containing 5 (K  
 gi|214831729|ref|NM\_013402.4| Homo sapiens fatty acid desaturase 1 (FADS1), mRNA;  
 gi|214831833|ref|NM\_001142312.1| Homo sapiens transmembrane protein 169 (TMEM169), transcript va  
 gi|214832008|ref|NM\_052952.2| Homo sapiens disrupted in renal carcinoma 1 (DIRC1), mRNA;  
 gi|214832037|ref|NM\_080876.3| Homo sapiens dual specificity phosphatase 19 (DUSP19), transcript varian  
 gi|214832120|ref|NM\_001142315.1| Homo sapiens LIM domain only 2 (rhombotin-like 1) (LMO2), transcrip  
 gi|214832253|ref|NM\_001142317.1| Homo sapiens thioredoxin-like 4B (TXNL4B), transcript variant 2, mRN  
 gi|214832287|ref|NM\_173822.3| Homo sapiens family with sequence similarity 126, member B (FAM126B)  
 gi|214832564|ref|NM\_001142319.1| Homo sapiens chromosome 2 open reading frame 44 (C2orf44), trans  
 gi|21493032|ref|NM\_007202.2| Homo sapiens A kinase (PRKA) anchor protein 10 (AKAP10), nuclear gene e  
 gi|21493038|ref|NM\_139289.1| Homo sapiens A kinase (PRKA) anchor protein 4 (AKAP4), transcript variant  
 gi|21493040|ref|NM\_006422.2| Homo sapiens A kinase (PRKA) anchor protein 3 (AKAP3), mRNA;  
 gi|215272300|ref|NM\_001142339.1| Homo sapiens guanine nucleotide binding protein (G protein), alpha a  
 gi|215272302|ref|NM\_033502.2| Homo sapiens transcriptional regulating factor 1 (TRERF1), mRNA;  
 gi|215272311|ref|NR\_002826.2| Homo sapiens nucleolar complex associated 2 homolog (S. cerevisiae) pse  
 gi|215272313|ref|NM\_182500.2| Homo sapiens chromosome 2 open reading frame 50 (C2orf50), mRNA;  
 gi|215272315|ref|NM\_005570.3| Homo sapiens lectin, mannose-binding, 1 (LMAN1), mRNA;

gi|215272318|ref|NM\_001142344.1| Homo sapiens chemokine-like receptor 1 (CMKLR1), transcript variant  
 gi|215272323|ref|NM\_172016.2| Homo sapiens tripartite motif containing 39 (TRIM39), transcript variant 2  
 gi|215272324|ref|NM\_198557.2| Homo sapiens RNA binding motif protein 43 (RBM43), mRNA;  
 gi|215272329|ref|NM\_001005502.2| Homo sapiens carboxypeptidase M (CPM), transcript variant 3, mRNA  
 gi|215272330|ref|NM\_174934.3| Homo sapiens sodium channel, voltage-gated, type IV, beta subunit (SCN4  
 gi|215272336|ref|NM\_018667.3| Homo sapiens sphingomyelin phosphodiesterase 3, neutral membrane (n  
 gi|215272337|ref|NM\_001327.2| Homo sapiens cancer/testis antigen 1B (CTAG1B), mRNA;  
 gi|215272338|ref|NM\_001436.3| Homo sapiens fibrillarin (FBL), mRNA;  
 gi|215272340|ref|NM\_001142350.1| Homo sapiens THO complex 6 homolog (Drosophila) (THOC6), transcr  
 gi|215272342|ref|NM\_020783.3| Homo sapiens synaptotagmin IV (SYT4), mRNA;  
 gi|215272343|ref|NM\_032528.2| Homo sapiens ST6 beta-galactosamide alpha-2,6-sialyltransferase 2 (ST6G  
 gi|215272348|ref|NM\_004466.4| Homo sapiens glypican 5 (GPC5), mRNA;  
 gi|215272350|ref|NM\_021132.2| Homo sapiens protein phosphatase 3, catalytic subunit, beta isozyme (PP  
 gi|215272355|ref|NM\_022803.2| Homo sapiens uncoupling protein 3 (mitochondrial, proton carrier) (UCP3  
 gi|215272356|ref|NM\_004447.5| Homo sapiens epidermal growth factor receptor pathway substrate 8 (EP  
 gi|215272359|ref|NM\_001142355.1| Homo sapiens NIF3 NGG1 interacting factor 3-like 1 (S. cerevisiae) (NI  
 gi|215272364|ref|NR\_024528.1| Homo sapiens ribosomal protein L23a pseudogene 7 (RPL23AP7), transcrip  
 gi|215272388|ref|NM\_001135691.2| Homo sapiens solute carrier family 18 (vesicular monoamine), membe  
 gi|215272394|ref|NM\_001080475.2| Homo sapiens pleckstrin homology domain containing, family M, mer  
 gi|215272404|ref|NM\_001012507.2| Homo sapiens centromere protein W (CENPW), mRNA;  
 gi|215272406|ref|NM\_145891.2| Homo sapiens RNA binding protein, fox-1 homolog (C. elegans) 1 (RBFOX1  
 gi|215272413|ref|NM\_000562.2| Homo sapiens complement component 8, alpha polypeptide (C8A), mRNA/  
 gi|215276941|ref|NR\_024532.1| Homo sapiens asparagine-linked glycosylation 2, alpha-1,3-mannosyltrans  
 gi|215276958|ref|NM\_001006941.2| Homo sapiens asparagine-linked glycosylation 3, alpha-1,3- mannosyl  
 gi|215276966|ref|NM\_020931.2| Homo sapiens KIAA1586 (KIAA1586), mRNA;  
 gi|215276968|ref|NM\_001142364.1| Homo sapiens asparagine-linked glycosylation 5, dolichyl-phosphate b  
 gi|215276977|ref|NM\_021244.4| Homo sapiens Ras-related GTP binding D (RRAGD), mRNA;  
 gi|215276978|ref|NM\_013339.3| Homo sapiens asparagine-linked glycosylation 6, alpha-1,3-glucosyltransfe  
 gi|215276979|ref|NR\_003143.2| Homo sapiens myeloid-associated differentiation marker-like (MYADML), i  
 gi|215276981|ref|NM\_021943.2| Homo sapiens zinc finger, AN1-type domain 3 (ZFAND3), mRNA;  
 gi|215276985|ref|NM\_145740.3| Homo sapiens glutathione S-transferase alpha 1 (GSTA1), mRNA;  
 gi|215276986|ref|NM\_000846.4| Homo sapiens glutathione S-transferase alpha 2 (GSTA2), mRNA;  
 gi|215276991|ref|NM\_000847.4| Homo sapiens glutathione S-transferase alpha 3 (GSTA3), mRNA;  
 gi|215276994|ref|NM\_001512.3| Homo sapiens glutathione S-transferase alpha 4 (GSTA4), mRNA;  
 gi|215276996|ref|NM\_146421.2| Homo sapiens glutathione S-transferase mu 1 (GSTM1), transcript variant  
 gi|215276999|ref|NM\_001142368.1| Homo sapiens glutathione S-transferase mu 2 (muscle) (GSTM2), tran  
 gi|215277001|ref|NM\_000849.4| Homo sapiens glutathione S-transferase mu 3 (brain) (GSTM3), transcript  
 gi|215277004|ref|NM\_000850.4| Homo sapiens glutathione S-transferase mu 4 (GSTM4), transcript variant  
 gi|215277007|ref|NR\_024539.1| Homo sapiens popeye domain containing 3 (POPDC3), transcript variant 2,  
 gi|215277008|ref|NM\_000851.3| Homo sapiens glutathione S-transferase mu 5 (GSTM5), mRNA;  
 gi|215277009|ref|NR\_024540.1| Homo sapiens WAS protein family homolog 7 pseudogene (WASH7P), non  
 gi|215277012|ref|NR\_024077.2| Homo sapiens WAS protein family homolog 2 pseudogene (WASH2P), non  
 gi|215277015|ref|NM\_014369.3| Homo sapiens protein tyrosine phosphatase, non-receptor type 18 (brain  
 gi|21536277|ref|NM\_001310.2| Homo sapiens cAMP responsive element binding protein-like 2 (CREBL2), n  
 gi|21536279|ref|NM\_001887.3| Homo sapiens crystallin, beta B1 (CRYBB1), mRNA;  
 gi|21536304|ref|NM\_003877.3| Homo sapiens suppressor of cytokine signaling 2 (SOCS2), mRNA;  
 gi|21536377|ref|NM\_003742.2| Homo sapiens ATP-binding cassette, sub-family B (MDR/TAP), member 11

gi|21536419|ref|NM\_022161.2| Homo sapiens baculoviral IAP repeat containing 7 (BIRC7), transcript variat  
 gi|21536424|ref|NM\_007187.3| Homo sapiens WW domain binding protein 4 (formin binding protein 21) (l  
 gi|21536426|ref|NM\_030753.3| Homo sapiens wingless-type MMTV integration site family, member 3 (WN  
 gi|21536437|ref|NM\_012160.3| Homo sapiens F-box and leucine-rich repeat protein 4 (FBXL4), mRNA;  
 gi|21536442|ref|NM\_003571.2| Homo sapiens beaded filament structural protein 2, phakinin (BFSP2), mRN  
 gi|21536459|ref|NM\_005923.3| Homo sapiens mitogen-activated protein kinase kinase kinase 5 (MAP3K5),  
 gi|21536482|ref|NM\_003518.3| Homo sapiens histone cluster 1, H2bg (HIST1H2BG), mRNA;  
 gi|21536484|ref|NM\_003325.3| Homo sapiens HIR histone cell cycle regulation defective homolog A (S. cer  
 gi|215422304|ref|NM\_003826.2| Homo sapiens N-ethylmaleimide-sensitive factor attachment protein, gan  
 gi|215422305|ref|NM\_001792.3| Homo sapiens cadherin 2, type 1, N-cadherin (neuronal) (CDH2), mRNA;  
 gi|215422307|ref|NM\_015702.2| Homo sapiens methylmalonic aciduria (cobalamin deficiency) cblD type, v  
 gi|215422326|ref|NM\_013451.3| Homo sapiens myoferlin (MYOF), transcript variant 1, mRNA; gi|2154223  
 gi|215422332|ref|NM\_003878.2| Homo sapiens gamma-glutamyl hydrolase (conjugase, folylpolygammaglu  
 gi|215422335|ref|NR\_002765.2| Homo sapiens ASAP1 intronic transcript 1 (non-protein coding) (ASAP1-IT1  
 gi|215422341|ref|NM\_022772.3| Homo sapiens EPS8-like 2 (EPS8L2), mRNA;  
 gi|215422343|ref|NM\_006978.2| Homo sapiens ring finger protein 113A (RNF113A), mRNA;  
 gi|215422346|ref|NR\_003672.2| Homo sapiens small nucleolar RNA host gene 7 (non-protein coding) (SNH  
 gi|215422354|ref|NM\_001142389.1| Homo sapiens patatin-like phospholipase domain containing 4 (PNPLA  
 gi|215422359|ref|NM\_030802.3| Homo sapiens family with sequence similarity 117, member A (FAM117A)  
 gi|215422360|ref|NM\_004786.2| Homo sapiens thioredoxin-like 1 (TXNL1), transcript variant 1, mRNA; gi|2  
 gi|215422362|ref|NM\_153217.2| Homo sapiens transmembrane protein 174 (TMEM174), mRNA;  
 gi|215422369|ref|NM\_001142392.1| Homo sapiens solute carrier family 10 (sodium/bile acid cotransporter  
 gi|215422371|ref|NM\_182966.3| Homo sapiens neural precursor cell expressed, developmentally down-reg  
 gi|215422377|ref|NM\_153695.3| Homo sapiens zinc finger protein 367 (ZNF367), mRNA;  
 gi|215422382|ref|NM\_001142395.1| Homo sapiens proline rich Gla (G-carboxyglutamic acid) 1 (PRRG1), tra  
 gi|215422386|ref|NM\_194248.2| Homo sapiens otoferlin (OTOF), transcript variant 1, mRNA; gi|21542239:  
 gi|215422387|ref|NM\_001141969.1| Homo sapiens death-domain associated protein (DAXX), transcript vai  
 gi|215422392|ref|NM\_003269.3| Homo sapiens nuclear receptor subfamily 2, group E, member 1 (NR2E1),  
 gi|215422395|ref|NM\_014227.2| Homo sapiens solute carrier family 5 (low affinity glucose cotransporter),  
 gi|215422397|ref|NM\_003310.2| Homo sapiens tumor suppressing subtransferable candidate 1 (TSSC1), m  
 gi|215422399|ref|NM\_014772.2| Homo sapiens CBP80/20-dependent translation initiation factor (CTIF), tr  
 gi|215422402|ref|NM\_003596.3| Homo sapiens tyrosylprotein sulfotransferase 1 (TPST1), mRNA;  
 gi|215422409|ref|NM\_197956.3| Homo sapiens nuclear apoptosis inducing factor 1 (NAIF1), mRNA;  
 gi|215422411|ref|NM\_031208.3| Homo sapiens fumarylacetoacetate hydrolase domain containing 1 (FAHC  
 gi|215422418|ref|NM\_031476.3| Homo sapiens cysteine-rich secretory protein LCCL domain containing 2 (l  
 gi|215422424|ref|NM\_001142403.1| Homo sapiens CD164 molecule, sialomucin (CD164), transcript varian  
 gi|215422432|ref|NR\_024547.1| Homo sapiens transmembrane protein 11 (TMEM11), transcript variant 2,  
 gi|215490001|ref|NM\_178545.3| Homo sapiens transmembrane protein 52 (TMEM52), mRNA;  
 gi|215490006|ref|NM\_019055.5| Homo sapiens roundabout, axon guidance receptor, homolog 4 (Drosoph  
 gi|215490008|ref|NM\_001142415.1| Homo sapiens aminoacyl tRNA synthetase complex-interacting multifi  
 gi|215490013|ref|NM\_020188.3| Homo sapiens COX assembly mitochondrial protein 2 homolog (S. cerevis  
 gi|215490019|ref|NM\_006993.2| Homo sapiens nucleophosmin/nucleoplasmin 3 (NPM3), mRNA;  
 gi|215490026|ref|NM\_001142421.1| Homo sapiens mortality factor 4 like 2 (MORF4L2), transcript variant 5  
 gi|215490055|ref|NM\_001142434.1| Homo sapiens meningioma expressed antigen 5 (hyaluronidase) (MG  
 gi|215490057|ref|NM\_001142435.1| Homo sapiens cysteine-rich secretory protein 2 (CRISP2), transcript va  
 gi|215490075|ref|NM\_030939.4| Homo sapiens chromosome 6 open reading frame 62 (C6orf62), mRNA;  
 gi|215490087|ref|NM\_004282.3| Homo sapiens BCL2-associated athanogene 2 (BAG2), mRNA;



gi|215490088|ref|NM\_005870.4| Homo sapiens Sin3A-associated protein, 18kDa (SAP18), mRNA;

gi|215490101|ref|NM\_001142451.1| Homo sapiens spinster homolog 1 (Drosophila) (SPNS1), transcript var

gi|215490103|ref|NM\_007058.3| Homo sapiens calpain 11 (CAPN11), mRNA;

gi|215490109|ref|NR\_024522.1| Homo sapiens transmembrane protein 67 (TMEM67), transcript variant 3,

gi|215490110|ref|NM\_134442.3| Homo sapiens cAMP responsive element binding protein 1 (CREB1), trans

gi|215490113|ref|NM\_001142405.1| Homo sapiens slowmo homolog 1 (Drosophila) (SLMO1), transcript va

gi|215490120|ref|NM\_015023.3| Homo sapiens WD and tetratricopeptide repeats 1 (WDTC1), mRNA;

gi|215490126|ref|NM\_001003936.2| Homo sapiens thioredoxin domain containing 8 (spermatozoa) (TXND

gi|215490128|ref|NM\_173685.2| Homo sapiens non-SMC element 2, MMS21 homolog (S. cerevisiae) (NSM

gi|215490133|ref|NM\_001142413.1| Homo sapiens chromosome 9 open reading frame 47 (C9orf47), trans

gi|21553316|ref|NM\_145169.1| Homo sapiens SFT2 domain containing 1 (SFT2D1), mRNA;

gi|21553334|ref|NM\_145174.1| Homo sapiens DnaJ (Hsp40) homolog, subfamily B, member 7 (DNAJB7), m

gi|215598560|ref|NM\_001142444.1| Homo sapiens enhancer of mRNA decapping 3 homolog (S. cerevisiae

gi|215598687|ref|NM\_003940.2| Homo sapiens ubiquitin specific peptidase 13 (isopeptidase T-3) (USP13),

gi|215598711|ref|NM\_014876.5| Homo sapiens Josephin domain containing 1 (JOSD1), mRNA;

gi|215598781|ref|NM\_005495.2| Homo sapiens solute carrier family 17 (sodium phosphate), member 4 (SL

gi|215598823|ref|NM\_001142460.1| Homo sapiens ankyrin repeat and SOCS box containing 10 (ASB10), tr

gi|215598826|ref|NM\_020478.4| Homo sapiens ankyrin 1, erythrocytic (ANK1), transcript variant 5, mRNA;

gi|215598858|ref|NR\_024550.1| Homo sapiens cyclin D binding myb-like transcription factor 1 (DMTF1), tra

gi|215598886|ref|NM\_003643.3| Homo sapiens glial cells missing homolog 1 (Drosophila) (GCM1), mRNA;

gi|215598930|ref|NM\_053001.2| Homo sapiens odd-skipped related 2 (Drosophila) (OSR2), transcript varia

gi|215599014|ref|NM\_001142463.1| Homo sapiens dyskeratosis congenita 1, dyskerin (DKC1), transcript va

gi|215599221|ref|NM\_020338.3| Homo sapiens zinc finger, MIZ-type containing 1 (ZMIZ1), mRNA;

gi|215599267|ref|NM\_032039.2| Homo sapiens integrin alpha FG-GAP repeat containing 3 (ITFG3), mRNA;

gi|215599279|ref|NM\_017514.3| Homo sapiens plexin A3 (PLXNA3), mRNA;

gi|215599305|ref|NM\_014904.2| Homo sapiens RAB11 family interacting protein 2 (class I) (RAB11FIP2), m

gi|215599323|ref|NM\_144577.3| Homo sapiens coiled-coil domain containing 114 (CCDC114), transcript va

gi|215599403|ref|NM\_133443.2| Homo sapiens glutamic pyruvate transaminase (alanine aminotransferase

gi|215599482|ref|NM\_057162.2| Homo sapiens kelch-like 4 (Drosophila) (KLHL4), transcript variant 2, mRN

gi|215599500|ref|NM\_021170.3| Homo sapiens hairy and enhancer of split 4 (Drosophila) (HES4), transcrip

gi|215599550|ref|NM\_033201.2| Homo sapiens chromosome 16 open reading frame 45 (C16orf45), transc

gi|215599569|ref|NM\_001142470.1| Homo sapiens chromosome 6 open reading frame 203 (C6orf203), tra

gi|215599584|ref|NM\_001142471.1| Homo sapiens integrator complex subunit 12 (INTS12), transcript vari

gi|215599598|ref|NM\_021637.2| Homo sapiens transmembrane protein 35 (TMEM35), mRNA;

gi|215599669|ref|NM\_001142475.1| Homo sapiens neuronal regeneration related protein homolog (rat) (N

gi|215820596|ref|NM\_016059.4| Homo sapiens peptidylprolyl isomerase (cyclophilin)-like 1 (PPIL1), mRNA

gi|215820615|ref|NM\_006101.2| Homo sapiens NDC80 kinetochore complex component homolog (S. cerev

gi|215820618|ref|NM\_014699.3| Homo sapiens zinc finger protein 646 (ZNF646), mRNA;

gi|215820620|ref|NM\_152649.2| Homo sapiens mixed lineage kinase domain-like (MLKL), transcript varian

gi|215820623|ref|NM\_006572.4| Homo sapiens guanine nucleotide binding protein (G protein), alpha 13 (G

gi|215820627|ref|NM\_001142500.1| Homo sapiens FLYWCH family member 2 (FLYWCH2), transcript variar

gi|215820629|ref|NM\_032355.3| Homo sapiens MON1 homolog A (yeast) (MON1A), transcript variant 1, m

gi|215820634|ref|NM\_001142502.1| Homo sapiens protein phosphatase 1, regulatory subunit 13 like (PPP

gi|215820637|ref|NM\_138414.2| Homo sapiens coiled-coil domain containing 101 (CCDC101), mRNA;

gi|215820638|ref|NM\_014714.3| Homo sapiens intraflagellar transport 140 homolog (Chlamydomonas) (IF

gi|215820641|ref|NM\_152288.2| Homo sapiens ORAI calcium release-activated calcium modulator 3 (ORAI

gi|215820642|ref|NM\_052925.2| Homo sapiens leukocyte receptor cluster (LRC) member 8 (LENG8), mRNA

gi|215820644|ref|NM\_015916.4| Homo sapiens calcium homeostasis modulator 2 (CALHM2), transcript variant 1, mRNA; gi|215820646|ref|NM\_016255.2| Homo sapiens family with sequence similarity 8, member A1 (FAM8A1), mRNA; gi|215820647|ref|NM\_003824.3| Homo sapiens Fas (TNFRSF6)-associated via death domain (FADD), mRNA; gi|215820653|ref|NM\_133494.2| Homo sapiens NIMA (never in mitosis gene a)-related kinase 7 (NEK7), mRNA; gi|215820654|ref|NM\_020346.2| Homo sapiens solute carrier family 17 (sodium-dependent inorganic phosphate transporter) member 1 (SLC17A1), mRNA; gi|215820655|ref|NR\_002722.2| Homo sapiens zinc finger protein 204, pseudogene (ZNF204P), transcript variant 1, mRNA; gi|215820658|ref|NM\_022169.4| Homo sapiens ATP-binding cassette, sub-family G (WHITE), member 4 (ABCG4), mRNA; gi|215820663|ref|NR\_024555.1| Homo sapiens Rho-related BTB domain containing 1 (RHOBTB1), transcript variant 1, mRNA; gi|215982788|ref|NM\_000477.5| Homo sapiens albumin (ALB), mRNA; gi|215982790|ref|NM\_000259.3| Homo sapiens myosin VA (heavy chain 12, myosin) (MYO5A), transcript variant 1, mRNA; gi|215982797|ref|NM\_001142498.1| Homo sapiens sirtuin 1 (SIRT1), transcript variant 2, mRNA; gi|215982800|ref|NM\_012177.3| Homo sapiens F-box protein 5 (FBXO5), transcript variant 1, mRNA; gi|215983055|ref|NM\_031471.5| Homo sapiens fermitin family member 3 (FERMT3), transcript variant 1, mRNA; gi|215983056|ref|NM\_032228.5| Homo sapiens fatty acyl CoA reductase 1 (FAR1), mRNA; gi|215983057|ref|NM\_032121.5| Homo sapiens magnesium transporter 1 (MAGT1), mRNA; gi|215983059|ref|NM\_016098.2| Homo sapiens brain protein 44-like (BRP44L), mRNA; gi|215983089|ref|NM\_005459.3| Homo sapiens guanylate cyclase activator 1C (GUCA1C), mRNA; gi|215983093|ref|NM\_001142519.1| Homo sapiens family with sequence similarity 111, member A (FAM111A), mRNA; gi|215983102|ref|NM\_024092.2| Homo sapiens transmembrane protein 109 (TMEM109), mRNA; gi|215983105|ref|NM\_024784.3| Homo sapiens zinc finger and BTB domain containing 3 (ZBTB3), mRNA; gi|21614512|ref|NM\_012190.2| Homo sapiens aldehyde dehydrogenase 1 family, member L1 (ALDH1L1), mRNA; gi|21614524|ref|NM\_001448.2| Homo sapiens glypican 4 (GPC4), mRNA; gi|21614530|ref|NM\_144956.1| Homo sapiens protease, serine, 21 (testisin) (PRSS21), transcript variant 2, mRNA; gi|21614541|ref|NM\_005068.2| Homo sapiens single-minded homolog 1 (Drosophila) (SIM1), mRNA; gi|21614546|ref|NM\_004158.2| Homo sapiens persephin (PSPN), mRNA; gi|21614549|ref|NM\_005546.3| Homo sapiens IL2-inducible T-cell kinase (ITK), mRNA; gi|21618324|ref|NM\_004473.3| Homo sapiens forkhead box E1 (thyroid transcription factor 2) (FOXE1), mRNA; gi|21618345|ref|NM\_020157.2| Homo sapiens otoraplin (OTOR), mRNA; gi|216547503|ref|NM\_001142523.1| Homo sapiens interleukin-1 receptor-associated kinase 3 (IRAK3), transcript variant 1, mRNA; gi|216547553|ref|NM\_001142473.1| Homo sapiens Fas apoptotic inhibitory molecule 3 (FAIM3), transcript variant 1, mRNA; gi|216547622|ref|NM\_001009943.2| Homo sapiens ankyrin repeat domain 16 (ANKRD16), transcript variant 1, mRNA; gi|216547631|ref|NM\_030639.2| Homo sapiens basic helix-loop-helix domain containing, class B, 9 (BHLHB3), mRNA; gi|216547742|ref|NM\_170600.2| Homo sapiens SH2 domain containing 3C (SH2D3C), transcript variant 1, mRNA; gi|216547806|ref|NM\_205849.2| Homo sapiens family with sequence similarity 9, member B (FAM9B), mRNA; gi|216547807|ref|NM\_033101.3| Homo sapiens lectin, galactoside-binding, soluble, 12 (LGALS12), transcript variant 1, mRNA; gi|216547843|ref|NM\_173794.3| Homo sapiens FUN14 domain containing 1 (FUND1), mRNA; gi|216547852|ref|NM\_144967.3| Homo sapiens Rho GTPase activating protein 36 (ARHGAP36), mRNA; gi|216547912|ref|NR\_001559.2| Homo sapiens VENT homeobox pseudogene 1 (VENTXP1), non-coding RNA; gi|216547928|ref|NM\_006667.3| Homo sapiens progesterone receptor membrane component 1 (PGRMC1), mRNA; gi|216547941|ref|NM\_001142541.1| Homo sapiens solute carrier family 35, member B3 (SLC35B3), transcript variant 1, mRNA; gi|216547993|ref|NM\_001136015.2| Homo sapiens annexin A2 (ANXA2), transcript variant 4, mRNA; gi|216548024|ref|NM\_001136018.2| Homo sapiens epoxide hydrolase 1, microsomal (xenobiotic) (EPHX1), mRNA; gi|216548051|ref|NM\_001330.3| Homo sapiens cardiotrophin 1 (CTF1), transcript variant 1, mRNA; gi|216548090|ref|NM\_001142546.1| Homo sapiens leucine zipper protein 1 (LUZP1), transcript variant 2, mRNA; gi|216548151|ref|NM\_001142547.1| Homo sapiens RNA pseudouridylation synthase domain containing 3 (RPS29L), mRNA; gi|216548185|ref|NM\_003579.3| Homo sapiens RAD54-like (S. cerevisiae) (RAD54L), transcript variant 1, mRNA; gi|216548222|ref|NM\_014849.3| Homo sapiens synaptic vesicle glycoprotein 2A (SV2A), mRNA;

gi|216548262|ref|NM\_001142549.1| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 4 (DDX4), tra  
 gi|216548381|ref|NM\_001142551.1| Homo sapiens WD repeat domain 47 (WDR47), transcript variant 3, m  
 gi|216548383|ref|NM\_017639.3| Homo sapiens dachsous 2 (Drosophila) (DCHS2), transcript variant 1, mRN  
 gi|216548424|ref|NM\_005242.4| Homo sapiens coagulation factor II (thrombin) receptor-like 1 (F2RL1), m  
 gi|216548460|ref|NM\_002275.3| Homo sapiens keratin 15 (KRT15), mRNA;  
 gi|216548469|ref|NM\_001042702.3| Homo sapiens deafness, autosomal recessive 59 (DFNB59), mRNA;  
 gi|216548486|ref|NM\_012387.2| Homo sapiens peptidyl arginine deiminase, type IV (PADI4), mRNA;  
 gi|216548559|ref|NM\_015997.3| Homo sapiens ribosomal RNA adenine dimethylase domain containing 1 (R  
 gi|21686976|ref|NM\_145296.1| Homo sapiens cell adhesion molecule 4 (CADM4), mRNA;  
 gi|21687071|ref|NM\_145254.1| Homo sapiens transmembrane protein 170A (TMEM170A), mRNA;  
 gi|21687122|ref|NM\_145314.1| Homo sapiens upper zone of growth plate and cartilage matrix associated (U  
 gi|21687142|ref|NM\_138331.1| Homo sapiens ribonuclease, RNase A family, 8 (RNASE8), mRNA;  
 gi|21687251|ref|NM\_145288.1| Homo sapiens zinc finger protein 296 (ZNF296), mRNA;  
 gi|21687263|ref|NM\_144693.1| Homo sapiens zinc finger protein 558 (ZNF558), mRNA;  
 gi|217035080|ref|NM\_001142545.1| Homo sapiens aarF domain containing kinase 1 (ADCK1), transcript va  
 gi|217035085|ref|NM\_017722.3| Homo sapiens TRM1 tRNA methyltransferase 1 homolog (S. cerevisiae) (T  
 gi|217035089|ref|NR\_024559.1| Homo sapiens MAPT antisense RNA 1 (non-protein coding) (MAPT-AS1), n  
 gi|217035092|ref|NM\_001142564.1| Homo sapiens cyclic nucleotide gated channel alpha 1 (CNGA1), trans  
 gi|217035094|ref|NM\_018207.2| Homo sapiens tripartite motif containing 62 (TRIM62), mRNA;  
 gi|217035100|ref|NR\_024562.1| Homo sapiens uncharacterized LOC100128675 (LOC100128675), transcrip  
 gi|217035104|ref|NM\_018198.3| Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 11 (DNAJC11  
 gi|217035106|ref|NM\_001142565.1| Homo sapiens cleavage and polyadenylation specific factor 7, 59kDa (C  
 gi|217035108|ref|NR\_024563.1| Homo sapiens uncharacterized LOC100130238 (LOC100130238), non-codi  
 gi|217035112|ref|NM\_152672.5| Homo sapiens organic solute transporter alpha (OSTalpha), mRNA;  
 gi|217035114|ref|NM\_025047.2| Homo sapiens ADP-ribosylation factor-like 14 (ARL14), mRNA;  
 gi|217035115|ref|NM\_019087.2| Homo sapiens ADP-ribosylation factor-like 15 (ARL15), mRNA;  
 gi|217035116|ref|NR\_024564.1| Homo sapiens uncharacterized LOC100130264 (LOC100130264), non-codi  
 gi|217035119|ref|NM\_020235.5| Homo sapiens bobby sox homolog (Drosophila) (BBX), transcript variant 2  
 gi|217035127|ref|NR\_024565.1| Homo sapiens zinc finger protein 271 (ZNF271), transcript variant 1, non-c  
 gi|217035137|ref|NM\_024804.2| Homo sapiens zinc finger protein 669 (ZNF669), transcript variant 1, mRN  
 gi|217035143|ref|NM\_032437.2| Homo sapiens EF-hand calcium binding domain 7 (EFCAB7), mRNA;  
 gi|217035153|ref|NM\_052862.3| Homo sapiens RCSD domain containing 1 (RCSD1), mRNA;  
 gi|217035159|ref|NM\_001142578.1| Homo sapiens zinc finger protein 780A (ZNF780A), transcript variant 3  
 gi|217035163|ref|NM\_152492.2| Homo sapiens coiled-coil domain containing 27 (CCDC27), mRNA;  
 gi|21703709|ref|NM\_016479.3| Homo sapiens shisa homolog 5 (Xenopus laevis) (SHISA5), mRNA;  
 gi|21704264|ref|NM\_145113.1| Homo sapiens MYC associated factor X (MAX), transcript variant 3, mRNA;  
 gi|21704276|ref|NM\_002226.3| Homo sapiens jagged 2 (JAG2), transcript variant 1, mRNA; gi|21704278|re  
 gi|21704282|ref|NM\_020655.2| Homo sapiens junctophilin 3 (JPH3), mRNA;  
 gi|21704284|ref|NM\_021219.2| Homo sapiens junctional adhesion molecule 2 (JAM2), mRNA;  
 gi|217272803|ref|NM\_001142557.1| Homo sapiens hyaluronan-mediated motility receptor (RHAMM) (HM  
 gi|217272834|ref|NM\_001142590.1| Homo sapiens nuclear transcription factor Y, gamma (NFYC), transcrip  
 gi|217272836|ref|NR\_024567.1| Homo sapiens uncharacterized LOC100130557 (LOC100130557), non-codi  
 gi|217272837|ref|NM\_006623.3| Homo sapiens phosphoglycerate dehydrogenase (PHGDH), mRNA;  
 gi|217272842|ref|NM\_014216.4| Homo sapiens inositol-tetrakisphosphate 1-kinase (ITPK1), transcript vari  
 gi|217272850|ref|NM\_001142596.1| Homo sapiens prolyl 4-hydroxylase, alpha polypeptide I (P4HA1), tran  
 gi|217272858|ref|NM\_001142597.1| Homo sapiens CLP1, cleavage and polyadenylation factor I subunit, hc  
 gi|217272860|ref|NM\_001142598.1| Homo sapiens prolyl 4-hydroxylase, alpha polypeptide II (P4HA2), tra

gi|217272864|ref|NM\_004687.4| Homo sapiens myotubularin related protein 4 (MTMR4), mRNA;  
 gi|217272866|ref|NM\_134325.2| Homo sapiens solute carrier family 26, member 9 (SLC26A9), transcript va  
 gi|217272871|ref|NM\_001017920.2| Homo sapiens death associated protein-like 1 (DAPL1), mRNA;  
 gi|217272873|ref|NM\_182628.2| Homo sapiens coiled-coil domain containing 37 (CCDC37), mRNA;  
 gi|217272875|ref|NM\_024735.3| Homo sapiens F-box protein 31 (FBXO31), mRNA; gi|217272878|ref|NR\_  
 gi|217272881|ref|NR\_024569.1| Homo sapiens uncharacterized LOC100130872 (LOC100130872), non-codi  
 gi|217272884|ref|NM\_001142602.1| Homo sapiens sphingosine kinase 1 (SPHK1), transcript variant 4, mRN  
 gi|217272886|ref|NM\_145172.3| Homo sapiens WD repeat domain 63 (WDR63), mRNA;  
 gi|217272889|ref|NM\_001142604.1| Homo sapiens palmitoyl-protein thioesterase 1 (PPT1), transcript vari  
 gi|217272891|ref|NM\_004247.3| Homo sapiens elongation factor Tu GTP binding domain containing 2 (EFT  
 gi|217330558|ref|NM\_001142610.1| Homo sapiens unc-51-like kinase 2 (C. elegans) (ULK2), transcript vari  
 gi|217330575|ref|NM\_007225.2| Homo sapiens neurexophilin 3 (NXPH3), mRNA;  
 gi|217330585|ref|NM\_001142620.1| Homo sapiens stimulated by retinoic acid gene 6 homolog (mouse) (S'  
 gi|217330588|ref|NM\_001142621.1| Homo sapiens transforming growth factor, beta receptor associated p  
 gi|217330591|ref|NM\_001142622.1| Homo sapiens GH3 domain containing (GHDC), transcript variant 2, m  
 gi|217330593|ref|NM\_014640.4| Homo sapiens tubulin tyrosine ligase-like family, member 4 (TTLL4), mRN  
 gi|217330597|ref|NM\_016080.3| Homo sapiens glyoxalase domain containing 4 (GLOD4), mRNA;  
 gi|217330600|ref|NM\_007237.4| Homo sapiens SP140 nuclear body protein (SP140), transcript variant 1, n  
 gi|217330611|ref|NM\_005847.4| Homo sapiens solute carrier family 23 (nucleobase transporters), membe  
 gi|217330614|ref|NM\_018144.3| Homo sapiens Sec61 alpha 2 subunit (S. cerevisiae) (SEC61A2), transcript  
 gi|217330640|ref|NM\_017969.2| Homo sapiens IWS1 homolog (S. cerevisiae) (IWS1), mRNA;  
 gi|217330643|ref|NM\_018256.3| Homo sapiens WD repeat domain 12 (WDR12), mRNA;  
 gi|217330645|ref|NM\_006713.3| Homo sapiens SUB1 homolog (S. cerevisiae) (SUB1), mRNA;  
 gi|217330655|ref|NM\_014773.3| Homo sapiens KIAA0141 (KIAA0141), nuclear gene encoding mitochondri  
 gi|21735565|ref|NM\_145333.1| Homo sapiens mitogen-activated protein kinase kinase kinase 7 (MAP3K7),  
 gi|21735571|ref|NM\_018098.4| Homo sapiens epithelial cell transforming sequence 2 oncogene (ECT2), m  
 gi|21735581|ref|NM\_145321.1| Homo sapiens oxysterol binding protein-like 3 (OSBPL3), transcript variant  
 gi|21735620|ref|NM\_005918.2| Homo sapiens malate dehydrogenase 2, NAD (mitochondrial) (MDH2), nuc  
 gi|217416325|ref|NM\_182756.3| Homo sapiens speedy homolog A (Xenopus laevis) (SPDYA), transcript var  
 gi|217416331|ref|NM\_001142640.1| Homo sapiens trinucleotide repeat containing 6C (TNRC6C), transcript  
 gi|217416334|ref|NM\_001039702.2| Homo sapiens oleoyl-ACP hydrolase (OLAH), transcript variant 2, mRN  
 gi|217416342|ref|NM\_001142641.1| Homo sapiens fibrosin-like 1 (FBRSL1), mRNA; gi|341913850|ref|XM\_  
 gi|217416348|ref|NR\_024580.1| Homo sapiens uncharacterized LOC100131193 (LOC100131193), non-codi  
 gi|217416349|ref|NM\_001142643.1| Homo sapiens CASK interacting protein 2 (CASKIN2), transcript vari  
 gi|217416351|ref|NM\_030623.3| Homo sapiens SPHK1 interactor, AKAP domain containing (SPHKAP), trans  
 gi|217416355|ref|NM\_001142645.1| Homo sapiens transmembrane protein 194B (TMEM194B), mRNA;  
 gi|217416359|ref|NM\_001142646.1| Homo sapiens transmembrane protein, adipocyte associated 1 (TPR/  
 gi|217416361|ref|NM\_032494.2| Homo sapiens zinc finger CCCH-type containing 8 (ZC3H8), mRNA;  
 gi|217416365|ref|NM\_032718.3| Homo sapiens major facilitator superfamily domain containing 9 (MFSD9)  
 gi|217416367|ref|NM\_020150.4| Homo sapiens SAR1 homolog A (S. cerevisiae) (SAR1A), transcript variant  
 gi|217416371|ref|NM\_032779.3| Homo sapiens coiled-coil domain containing 142 (CCDC142), mRNA;  
 gi|217416373|ref|NM\_145038.2| Homo sapiens coiled-coil domain containing 164 (CCDC164), mRNA;  
 gi|217416377|ref|NM\_138394.3| Homo sapiens heterogeneous nuclear ribonucleoprotein L-like (HNRPLL),  
 gi|217416380|ref|NM\_018405.3| Homo sapiens chromosome 17 open reading frame 79 (C17orf79), mRNA  
 gi|217416383|ref|NR\_024581.1| Homo sapiens ankyrin repeat and SOCS box containing 13 (ASB13), transcr  
 gi|217416387|ref|NM\_001142651.1| Homo sapiens neuralized homolog 1B (Drosophila) (NEURL1B), mRNA  
 gi|217416389|ref|NM\_001869.2| Homo sapiens carboxypeptidase A2 (pancreatic) (CPA2), mRNA;

gi|217416391|ref|NM\_172069.3| Homo sapiens pleckstrin homology domain containing, family H (with Myo  
gi|217416399|ref|NR\_024582.1| Homo sapiens JPX transcript, XIST activator (non-protein coding) (JPX), non-coding RNA  
gi|217416400|ref|NM\_006399.3| Homo sapiens basic leucine zipper transcription factor, ATF-like (BATF), mRNA  
gi|217416401|ref|NM\_001136042.2| Homo sapiens alanyl-tRNA synthetase domain containing 1 (AARSD1), mRNA  
gi|217416408|ref|NM\_198276.2| Homo sapiens transmembrane protein 17 (TMEM17), mRNA;  
gi|217416412|ref|NM\_004226.3| Homo sapiens serine/threonine kinase 17b (STK17B), mRNA;  
gi|217416416|ref|NM\_133629.2| Homo sapiens RAD51 homolog D (S. cerevisiae) (RAD51D), transcript variant 1, mRNA  
gi|217416417|ref|NM\_018064.3| Homo sapiens akirin 2 (AKIRIN2), mRNA;  
gi|218081588|ref|NM\_001142649.1| Homo sapiens anoctamin 5 (ANO5), transcript variant 2, mRNA; gi|218081589|ref|NM\_001142649.1| Homo sapiens anoctamin 5 (ANO5), transcript variant 1, mRNA  
gi|218082838|ref|NR\_024583.1| Homo sapiens POM121 transmembrane nucleoporin-like 8 pseudogene (POM121-8), pseudogene  
gi|218082847|ref|NR\_024584.1| Homo sapiens uncharacterized LOC728875 (LOC728875), non-coding RNA  
gi|218082851|ref|NR\_024585.1| Homo sapiens uncharacterized LOC100128292 (LOC100128292), non-coding RNA  
gi|218082878|ref|NM\_019018.2| Homo sapiens family with sequence similarity 105, member A (FAM105A), mRNA  
gi|218082922|ref|NR\_024586.1| Homo sapiens uncharacterized LOC100216545 (LOC100216545), non-coding RNA  
gi|218083232|ref|NM\_001142676.1| Homo sapiens chitinase domain containing 1 (CHID1), transcript variant 1, mRNA  
gi|218083685|ref|NM\_001039650.2| Homo sapiens zinc finger, MYM-type 5 (ZMYM5), transcript variant 1, mRNA  
gi|218083753|ref|NR\_024591.1| Homo sapiens POM121 transmembrane nucleoporin-like 1, pseudogene (POM121-1), pseudogene  
gi|218083799|ref|NM\_001142685.1| Homo sapiens Rho GTPase activating protein 32 (ARHGAP32), transcript variant 1, mRNA  
gi|218083806|ref|NR\_024592.1| Homo sapiens POM121 transmembrane nucleoporin-like 4 pseudogene (POM121-4), pseudogene  
gi|218083819|ref|NR\_024593.1| Homo sapiens POM121 transmembrane nucleoporin-like 10, pseudogene (POM121-10), pseudogene  
gi|218083972|ref|NM\_134431.3| Homo sapiens solute carrier organic anion transporter family, member 1A (SLC6A1), mRNA  
gi|218084483|ref|NM\_020778.4| Homo sapiens alpha-kinase 3 (ALPK3), mRNA;  
gi|218084957|ref|NM\_178826.3| Homo sapiens anoctamin 4 (ANO4), mRNA;  
gi|218156269|ref|NM\_001142702.1| Homo sapiens discs, large homolog 2 (Drosophila) (DLG2), transcript variant 1, mRNA  
gi|218156274|ref|NM\_001142704.1| Homo sapiens family with sequence similarity 111, member B (FAM111B), mRNA  
gi|218156278|ref|NM\_194277.2| Homo sapiens FERM domain containing 7 (FRMD7), mRNA;  
gi|218156283|ref|NR\_024594.1| Homo sapiens uncharacterized LOC100131496 (LOC100131496), non-coding RNA  
gi|218156298|ref|NM\_001025356.2| Homo sapiens anoctamin 6 (ANO6), transcript variant 1, mRNA; gi|218156299|ref|NM\_001025356.2| Homo sapiens anoctamin 6 (ANO6), transcript variant 2, mRNA  
gi|218156327|ref|NM\_001024452.2| Homo sapiens glycine receptor, alpha 4 (GLRA4), transcript variant 1, mRNA  
gi|218505668|ref|NR\_003256.2| Homo sapiens ATP-binding cassette, sub-family D (ALD), member 4 (ABCD4), mRNA  
gi|218505669|ref|NM\_002354.2| Homo sapiens epithelial cell adhesion molecule (EPCAM), mRNA;  
gi|218505673|ref|NM\_080663.2| Homo sapiens ERI1 exoribonuclease family member 2 (ERI2), transcript variant 1, mRNA  
gi|218505691|ref|NM\_001099676.2| Homo sapiens chromosome 12 open reading frame 56 (C12orf56), transcript variant 1, mRNA  
gi|218505700|ref|NM\_016401.3| Homo sapiens chromosome 11 open reading frame 73 (C11orf73), transcript variant 1, mRNA  
gi|218505702|ref|NM\_173615.3| Homo sapiens von Willebrand factor A domain containing 3A (VWA3A), mRNA  
gi|218505704|ref|NM\_130387.5| Homo sapiens ankyrin repeat and SOCS box containing 14 (ASB14), transcript variant 1, mRNA  
gi|218505709|ref|NM\_014267.5| Homo sapiens chromosome 11 open reading frame 58 (C11orf58), mRNA  
gi|218505780|ref|NM\_001142766.1| Homo sapiens protocadherin-related 15 (PCDH15), transcript variant 1, mRNA  
gi|218505804|ref|NM\_199127.2| Homo sapiens gamma-glutamyltransferase light chain 2 (GGTLC2), transcript variant 1, mRNA  
gi|218505808|ref|NR\_015447.1| Homo sapiens uncharacterized LOC153684 (LOC153684), non-coding RNA  
gi|218505812|ref|NM\_000035.3| Homo sapiens aldolase B, fructose-bisphosphate (ALDOB), mRNA;  
gi|218505818|ref|NR\_024601.1| Homo sapiens diablo, IAP-binding mitochondrial protein (DIABLO), transcript variant 1, mRNA  
gi|218505830|ref|NM\_001142761.1| Homo sapiens chromosome 15 open reading frame 23 (C15orf23), transcript variant 1, mRNA  
gi|218505834|ref|NM\_001142782.1| Homo sapiens membrane associated guanylate kinase, WW and PDZ domain containing 1 (MAGUK), mRNA  
gi|218505842|ref|NR\_002822.3| Homo sapiens MGC72080 pseudogene (MGC72080), non-coding RNA;  
gi|218563685|ref|NM\_001142778.1| Homo sapiens hydroxy-delta-5-steroid dehydrogenase, 3 beta- and 5 alpha- (HSD3B), mRNA  
gi|218563699|ref|NM\_001142776.1| Homo sapiens ChaC, cation transport regulator homolog 1 (E. coli) (ChaC), mRNA

gi|218563727|ref|NM\_030774.3| Homo sapiens olfactory receptor, family 51, subfamily E, member 2 (OR5);

gi|218563734|ref|NM\_199462.2| Homo sapiens dual serine/threonine and tyrosine protein kinase (DSTYK),

gi|218563748|ref|NM\_030649.2| Homo sapiens ArfGAP with coiled-coil, ankyrin repeat and PH domains 3 (

gi|218563751|ref|NM\_001142807.1| Homo sapiens acyl-CoA oxidase-like (ACOXL), mRNA;

gi|218563759|ref|NM\_005629.3| Homo sapiens solute carrier family 6 (neurotransmitter transporter, creat

gi|218749808|ref|NR\_024603.1| Homo sapiens mannose-P-dolichol utilization defect 1 (MPDU1), transcript

gi|218749809|ref|NR\_024604.1| Homo sapiens chloride channel accessory 3, pseudogene (CLCA3P), non-c

gi|218749818|ref|NM\_032261.4| Homo sapiens chromosome 21 open reading frame 56 (C21orf56), transc

gi|218749842|ref|NM\_015421.3| Homo sapiens transmembrane protein 186 (TMEM186), mRNA;

gi|218749846|ref|NR\_024606.1| Homo sapiens uncharacterized LOC151534 (LOC151534), non-coding RNA,

gi|218749851|ref|NR\_024607.1| Homo sapiens uncharacterized protein MGC16121 (MGC16121), non-codi

gi|218749860|ref|NM\_052859.3| Homo sapiens RFT1 homolog (*S. cerevisiae*) (RFT1), mRNA;

gi|218749869|ref|NR\_024608.1| Homo sapiens X-ray repair complementing defective repair pseudogene (L

gi|218749881|ref|NR\_024609.1| Homo sapiens uncharacterized LOC643365 (FLJ44054), non-coding RNA;

gi|218749893|ref|NM\_014716.3| Homo sapiens ArfGAP with coiled-coil, ankyrin repeat and PH domains 1 (

gi|218751873|ref|NM\_001142853.1| Homo sapiens hairy and enhancer of split 6 (*Drosophila*) (HES6), trans

gi|218751876|ref|NM\_001142857.1| Homo sapiens EF-hand calcium binding domain 1 (EFCAB1), transcript

gi|218751879|ref|NM\_013381.2| Homo sapiens thyrotropin-releasing hormone degrading enzyme (TRHDE)

gi|218751905|ref|NM\_001010926.3| Homo sapiens hairy and enhancer of split 5 (*Drosophila*) (HES5), mRN.

gi|218751906|ref|NM\_022355.2| Homo sapiens dipeptidase 2 (DPEP2), mRNA;

gi|218777822|ref|NM\_022823.2| Homo sapiens fibronectin type III domain containing 4 (FNDC4), mRNA;

gi|218777825|ref|NR\_024611.1| Homo sapiens histidine triad nucleotide binding protein 1 (HINT1), transcr

gi|218777828|ref|NM\_054111.4| Homo sapiens inositol hexakisphosphate kinase 3 (IP6K3), transcript varia

gi|218777836|ref|NM\_173567.4| Homo sapiens epoxide hydrolase 4 (EPHX4), mRNA;

gi|218777838|ref|NM\_024794.2| Homo sapiens epoxide hydrolase 3 (EPHX3), transcript variant 1, mRNA; g

gi|218777841|ref|NM\_052957.4| Homo sapiens acidic repeat containing (ACRC), mRNA;

gi|218777843|ref|NM\_182509.3| Homo sapiens isthmin 2 homolog (*zebrafish*) (ISM2), transcript variant 3,

gi|218777845|ref|NM\_172232.2| Homo sapiens ATP-binding cassette, sub-family A (ABC1), member 5 (ABC

gi|218931145|ref|NM\_001137675.2| Homo sapiens ataxin 1-like (ATXN1L), transcript variant 1, mRNA; gi|2

gi|218931146|ref|NM\_014548.3| Homo sapiens tropomodulin 2 (neuronal) (TMOD2), transcript variant 1, r

gi|218931201|ref|NR\_024615.1| Homo sapiens chromosome 3 open reading frame 51 (C3orf51), non-codir

gi|218931206|ref|NR\_024616.1| Homo sapiens inactivation escape 1 (non-protein coding) (INE1), non-codii

gi|218931208|ref|NM\_002889.3| Homo sapiens retinoic acid receptor responder (tazarotene induced) 2 (R.

gi|218931215|ref|NM\_023942.2| Homo sapiens leucine rich repeat containing 61 (LRRC61), transcript varia

gi|218931218|ref|NR\_024618.1| Homo sapiens uncharacterized LOC100129550 (LOC100129550), non-codi

gi|218931244|ref|NR\_024620.1| Homo sapiens PRO1768 (PRO1768), non-coding RNA;

gi|218931252|ref|NM\_001142936.1| Homo sapiens diacylglycerol lipase, beta (DAGLB), transcript variant 2

gi|219273465|ref|NM\_001142946.1| Homo sapiens chromosome 11 open reading frame 21 (C11orf21), tra

gi|219275577|ref|NM\_016932.4| Homo sapiens SIX homeobox 2 (SIX2), mRNA;

gi|219277616|ref|NR\_024623.1| Homo sapiens chromosome 21 open reading frame 49 (C21orf49), transcr

gi|219277632|ref|NM\_015092.4| Homo sapiens smg-1 homolog, phosphatidylinositol 3-kinase-related kina

gi|219277654|ref|NR\_024626.1| Homo sapiens long intergenic non-protein coding RNA 483 (LINC00483), n

gi|219277666|ref|NR\_024627.1| Homo sapiens KCNQ1 downstream neighbor (non-protein coding) (KCNQ1

gi|219279788|ref|NR\_024630.1| Homo sapiens chromosome 14 open reading frame 162 (C14orf162), non-

gi|219281830|ref|NM\_001142958.1| Homo sapiens F-box protein 15 (FBXO15), transcript variant 2, mRNA;

gi|219281870|ref|NR\_026052.1| Homo sapiens CENPB DNA-binding domains containing 1 pseudogene (MG

gi|219281880|ref|NM\_020400.5| Homo sapiens lysophosphatidic acid receptor 5 (LPAR5), transcript varian

gi|219282704|ref|NM\_001142964.1| Homo sapiens chromosome 22 open reading frame 46 (C22orf46), mRNA

gi|219282746|ref|NM\_001142966.1| Homo sapiens growth regulation by estrogen in breast cancer-like (GRB2)

gi|219283154|ref|NM\_001142931.1| Homo sapiens apoptosis inhibitor 5 (API5), transcript variant 3, mRNA

gi|219283186|ref|NM\_031300.3| Homo sapiens MAX dimerization protein 3 (MXD3), transcript variant 1, mRNA

gi|219521822|ref|NM\_006408.3| Homo sapiens anterior gradient 2 homolog (Xenopus laevis) (AGR2), mRNA

gi|219521824|ref|NM\_021211.3| Homo sapiens zinc finger, BED-type containing 5 (ZBED5), transcript variant 1, mRNA

gi|219521830|ref|NM\_001143668.1| Homo sapiens adhesion molecule with Ig-like domain 2 (AMIGO2), transcript variant 1, mRNA

gi|219521838|ref|NR\_026542.1| Homo sapiens chromosome 21 open reading frame 88 (C21orf88), transcript variant 1, mRNA

gi|219521844|ref|NR\_026544.1| Homo sapiens uncharacterized LOC100233209 (LOC100233209), non-coding RNA

gi|219521855|ref|NR\_026546.1| Homo sapiens ankyrin repeat and SOCS box containing 17 (ASB17), transcript variant 1, mRNA

gi|219521864|ref|NR\_026548.1| Homo sapiens chromosome 21 open reading frame 90 (C21orf90), transcript variant 1, mRNA

gi|219521875|ref|NM\_001143676.1| Homo sapiens serum/glucocorticoid regulated kinase 1 (SGK1), transcript variant 1, mRNA

gi|219521884|ref|NR\_026551.1| Homo sapiens carbonic anhydrase VB pseudogene 1 (CA5BP1), non-coding RNA

gi|219521889|ref|NR\_026552.1| Homo sapiens long intergenic non-protein coding RNA 161 (LINC00161), non-coding RNA

gi|219521892|ref|NM\_001143682.1| Homo sapiens calcium binding and coiled-coil domain 1 (CALCOCO1), transcript variant 1, mRNA

gi|219521895|ref|NR\_026555.1| Homo sapiens gene differentially expressed in prostate (GDEP), non-coding RNA

gi|219521904|ref|NR\_026556.1| Homo sapiens ankyrin repeat domain 26 pseudogene 1 (ANKRD26P1), non-coding RNA

gi|219521906|ref|NM\_001143685.1| Homo sapiens carboxylesterase 5A (CES5A), transcript variant 1, mRNA

gi|219521912|ref|NM\_152311.3| Homo sapiens clarin 3 (CLRN3), mRNA;

gi|219521929|ref|NM\_001017995.2| Homo sapiens SH3 and PX domains 2B (SH3PXD2B), mRNA;

gi|219555641|ref|NM\_001143773.1| Homo sapiens family with sequence similarity 13, member C (FAM13C), transcript variant 1, mRNA

gi|219555643|ref|NM\_005207.3| Homo sapiens v-crk sarcoma virus CT10 oncogene homolog (avian)-like (Ccrk), transcript variant 1, mRNA

gi|219555645|ref|NM\_001143774.1| Homo sapiens phytanoyl-CoA 2-hydroxylase interacting protein-like (PHIP), transcript variant 1, mRNA

gi|219555648|ref|NM\_001143775.1| Homo sapiens CTD nuclear envelope phosphatase 1 (CTDNEP1), transcript variant 1, mRNA

gi|219555660|ref|NM\_001143779.1| Homo sapiens intraflagellar transport 81 homolog (Chlamydomonas) (IFT81), transcript variant 1, mRNA

gi|219555666|ref|NM\_016016.2| Homo sapiens solute carrier family 25, member 39 (SLC25A39), transcript variant 1, mRNA

gi|219555667|ref|NM\_022158.3| Homo sapiens fructosamine 3 kinase (FN3K), mRNA;

gi|219555668|ref|NM\_052855.3| Homo sapiens ankyrin repeat domain 40 (ANKRD40), mRNA;

gi|219555670|ref|NR\_015376.2| Homo sapiens long intergenic non-protein coding RNA 200 (LINC00200), non-coding RNA

gi|219555675|ref|NM\_018976.4| Homo sapiens solute carrier family 38, member 2 (SLC38A2), mRNA;

gi|219555681|ref|NM\_133375.3| Homo sapiens DIS3 mitotic control homolog (S. cerevisiae)-like (DIS3L), transcript variant 1, mRNA

gi|219555682|ref|NM\_016029.2| Homo sapiens dehydrogenase/reductase (SDR family) member 7 (DHR57), transcript variant 1, mRNA

gi|219555683|ref|NM\_176891.4| Homo sapiens interferon, epsilon (IFNE), mRNA;

gi|219555684|ref|NR\_002817.2| Homo sapiens aquaporin 7 pseudogene 1 (AQP7P1), non-coding RNA;

gi|219555685|ref|NR\_026558.1| Homo sapiens aquaporin 7 pseudogene 3 (AQP7P3), non-coding RNA;

gi|219555686|ref|NM\_001004354.2| Homo sapiens NOTCH-regulated ankyrin repeat protein (NRARP), mRNA;

gi|219555705|ref|NR\_026559.1| Homo sapiens leucine rich repeat containing 27 (LRRC27), transcript variant 1, mRNA

gi|219555711|ref|NM\_001143762.1| Homo sapiens eukaryotic translation initiation factor 5A (EIF5A), transcript variant 1, mRNA

gi|219555717|ref|NM\_001143764.1| Homo sapiens synaptonemal complex central element protein 1 (SYCE1), transcript variant 1, mRNA

gi|219555728|ref|NM\_001143768.1| Homo sapiens zinc finger protein 438 (ZNF438), transcript variant 4, non-coding RNA

gi|21956640|ref|NM\_145805.1| Homo sapiens ISL LIM homeobox 2 (ISL2), mRNA;

gi|219689062|ref|NM\_025099.5| Homo sapiens CTS telomere maintenance complex component 1 (CTC1), transcript variant 1, mRNA

gi|219689089|ref|NR\_003611.2| Homo sapiens BMS1 pseudogene 5 (BMS1P5), non-coding RNA;

gi|219689090|ref|NR\_026566.1| Homo sapiens BMS1 pseudogene 1 (BMS1P1), non-coding RNA;

gi|219689093|ref|NM\_001039762.2| Homo sapiens family with sequence similarity 196, member A (FAM196A), transcript variant 1, mRNA

gi|219689094|ref|NM\_144682.5| Homo sapiens schlafen family member 13 (SLFN13), mRNA;

gi|219689096|ref|NM\_001143804.1| Homo sapiens phosphatase, orphan 1 (PHOSPHO1), transcript variant 1, mRNA

gi|219689099|ref|NM\_001001549.2| Homo sapiens growth factor receptor-bound protein 10 (GRB10), tra

gi|219689102|ref|NM\_001031701.2| Homo sapiens 5'-nucleotidase domain containing 3 (NT5DC3), mRNA;

gi|219689104|ref|NM\_016551.2| Homo sapiens transmembrane 7 superfamily member 3 (TM7SF3), mRNA

gi|219689108|ref|NM\_002575.2| Homo sapiens serpin peptidase inhibitor, clade B (ovalbumin), member 2

gi|219689111|ref|NM\_017901.4| Homo sapiens two pore segment channel 1 (TPCN1), transcript variant 2,

gi|219689114|ref|NR\_026567.1| Homo sapiens espin pseudogene (ESPNP), non-coding RNA;

gi|219689116|ref|NM\_005238.3| Homo sapiens v-ets erythroblastosis virus E26 oncogene homolog 1 (avia

gi|219689129|ref|NR\_002750.2| Homo sapiens small nucleolar RNA, C/D box 44 (SNORD44), small nuclear l

gi|219689130|ref|NM\_018018.4| Homo sapiens solute carrier family 38, member 4 (SLC38A4), transcript va

gi|219689133|ref|NM\_020762.2| Homo sapiens SLIT-ROBO Rho GTPase activating protein 1 (SRGAP1), mRN

gi|219689134|ref|NM\_025214.2| Homo sapiens coiled-coil domain containing 68 (CCDC68), transcript varia

gi|219801668|ref|NM\_015461.2| Homo sapiens zinc finger protein 521 (ZNF521), mRNA;

gi|219802033|ref|NM\_001143835.1| Homo sapiens nuclear factor related to kappaB binding protein (NFRK

gi|219802097|ref|NM\_001143832.1| Homo sapiens leucine twenty homeobox (LEUTX), mRNA;

gi|219802231|ref|NM\_001143838.1| Homo sapiens solute carrier family 13 (sodium-dependent citrate tra

gi|219802466|ref|NR\_024438.2| Homo sapiens actin, gamma 2, smooth muscle, enteric pseudogene (LOC6

gi|219802833|ref|NM\_001143842.1| Homo sapiens transmembrane protein 106C (TMEM106C), transcript

gi|219803315|ref|NM\_024667.2| Homo sapiens vacuolar protein sorting 37 homolog B (S. cerevisiae) (VPS3

gi|219803377|ref|NR\_002212.3| Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif

gi|219803666|ref|NM\_006148.2| Homo sapiens LIM and SH3 protein 1 (LASP1), mRNA;

gi|219803698|ref|NM\_031474.2| Homo sapiens nuclear receptor interacting protein 2 (NRIP2), mRNA;

gi|219803733|ref|NM\_032300.4| Homo sapiens trichoplein, keratin filament binding (TCHP), transcript vari

gi|219803770|ref|NR\_026575.1| Homo sapiens glycerol kinase 3 pseudogene (GK3P), non-coding RNA;

gi|219803771|ref|NM\_032338.3| Homo sapiens LLP homolog, long-term synaptic facilitation (Aplysia) (LLP)

gi|219803829|ref|NR\_026576.1| Homo sapiens serum amyloid A3 pseudogene (SAA3P), non-coding RNA;

gi|219803945|ref|NM\_001143853.1| Homo sapiens within bgcn homolog (Drosophila) (WIBG), transcript va

gi|219804202|ref|NM\_001143854.1| Homo sapiens rabphilin 3A homolog (mouse) (RPH3A), transcript vari

gi|219804268|ref|NM\_004492.2| Homo sapiens general transcription factor IIA, 2, 12kDa (GTF2A2), mRNA;

gi|219842208|ref|NM\_007111.4| Homo sapiens transcription factor Dp-1 (TFDP1), transcript variant 1, mRN

gi|219842209|ref|NR\_026564.1| Homo sapiens mitochondrial carrier triple repeat 1 pseudogene (LOC4941

gi|219842210|ref|NM\_002480.2| Homo sapiens protein phosphatase 1, regulatory subunit 12A (PPP1R12A)

gi|219842218|ref|NR\_026578.1| Homo sapiens occludin pseudogene (LOC647859), non-coding RNA;

gi|219842219|ref|NM\_001143782.1| Homo sapiens FK506 binding protein 11, 19 kDa (FKBP11), transcript v

gi|219842224|ref|NR\_026540.1| Homo sapiens solute carrier family 25, member 51 pseudogene 1 (SLC25A

gi|219842231|ref|NM\_139207.2| Homo sapiens nucleosome assembly protein 1-like 1 (NAP1L1), transcript

gi|219842232|ref|NM\_001143784.1| Homo sapiens feline sarcoma oncogene (FES), transcript variant 3, mF

gi|219842254|ref|NM\_019053.4| Homo sapiens exocyst complex component 6 (EXOC6), transcript variant

gi|219842260|ref|NM\_004236.3| Homo sapiens COP9 constitutive photomorphogenic homolog subunit 2 (

gi|219842265|ref|NM\_206933.2| Homo sapiens Usher syndrome 2A (autosomal recessive, mild) (USH2A), t

gi|219842269|ref|NR\_002319.2| Homo sapiens PIP5K1A and PSMD4-like, pseudogene (PIPSL), non-coding f

gi|219842270|ref|NM\_006825.3| Homo sapiens cytoskeleton-associated protein 4 (CKAP4), mRNA;

gi|219842271|ref|NM\_015206.2| Homo sapiens KIAA1024 (KIAA1024), mRNA;

gi|219842272|ref|NM\_005430.3| Homo sapiens wingless-type MMTV integration site family, member 1 (W

gi|219842275|ref|NM\_018670.3| Homo sapiens mesoderm posterior 1 homolog (mouse) (MESP1), mRNA;

gi|219842277|ref|NR\_026581.1| Homo sapiens myeloid leukemia factor 2 (MLF2), transcript variant 2, non-

gi|219842280|ref|NR\_024873.1| Homo sapiens solute carrier family 25, member 51 (SLC25A51), transcript

gi|219842283|ref|NM\_170733.3| Homo sapiens brain-derived neurotrophic factor (BDNF), transcript varian



gi|219842307|ref|NM\_201278.2| Homo sapiens myotubularin related protein 2 (MTMR2), transcript variant  
 gi|219842318|ref|NM\_031885.3| Homo sapiens Bardet-Biedl syndrome 2 (BBS2), mRNA;  
 gi|219842334|ref|NM\_001143681.1| Homo sapiens glutathione S-transferase kappa 1 (GSTK1), nuclear gen  
 gi|219842336|ref|NM\_002033.3| Homo sapiens fucosyltransferase 4 (alpha (1,3) fucosyltransferase, myelo  
 gi|219842338|ref|NM\_177553.2| Homo sapiens growth arrest-specific 2 (GAS2), transcript variant 2, mRNA  
 gi|219842344|ref|NM\_016931.3| Homo sapiens NADPH oxidase 4 (NOX4), transcript variant 1, mRNA; gi|2:  
 gi|219842351|ref|NM\_002522.3| Homo sapiens neuronal pentraxin I (NPTX1), mRNA;  
 gi|219842354|ref|NM\_002009.3| Homo sapiens fibroblast growth factor 7 (FGF7), mRNA;  
 gi|219878493|ref|NM\_003717.2| Homo sapiens neuropeptide FF-amide peptide precursor (NPFF), mRNA;  
 gi|219879791|ref|NM\_001012758.2| Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type m  
 gi|219879803|ref|NR\_026583.1| Homo sapiens Rac GTPase activating protein 1 pseudogene (RACGAP1P), r  
 gi|219879805|ref|NM\_001143906.1| Homo sapiens TRAF-type zinc finger domain containing 1 (TRAFD1), tr  
 gi|219879807|ref|NM\_006325.3| Homo sapiens RAN, member RAS oncogene family (RAN), mRNA;  
 gi|219879808|ref|NM\_000922.3| Homo sapiens phosphodiesterase 3B, cGMP-inhibited (PDE3B), mRNA;  
 gi|219879811|ref|NM\_005475.2| Homo sapiens SH2B adaptor protein 3 (SH2B3), mRNA;  
 gi|219879812|ref|NM\_002696.2| Homo sapiens polymerase (RNA) II (DNA directed) polypeptide G (POLR2C  
 gi|219879813|ref|NM\_001012642.2| Homo sapiens GRAM domain containing 2 (GRAMD2), mRNA;  
 gi|219879827|ref|NM\_001143909.1| Homo sapiens rcRPE (LOC729020), mRNA;  
 gi|219879829|ref|NM\_021128.4| Homo sapiens polymerase (RNA) II (DNA directed) polypeptide L, 7.6kDa  
 gi|219879830|ref|NR\_002930.2| Homo sapiens protein tyrosine phosphatase, receptor type, V, pseudogen  
 gi|219879831|ref|NM\_007224.3| Homo sapiens neurexophilin 4 (NXPH4), mRNA;  
 gi|219881533|ref|NR\_003932.2| Homo sapiens ribosomal protein L13a pseudogene 20 (RPL13AP20), non-c  
 gi|219881534|ref|NR\_002774.3| Homo sapiens 5-hydroxytryptamine (serotonin) receptor 7 pseudogene 1  
 gi|219881539|ref|NM\_001143914.1| Homo sapiens family with sequence similarity 76, member A (FAM76  
 gi|22001419|ref|NM\_144991.2| Homo sapiens thrombospondin-type laminin G domain and EAR repeats (T  
 gi|22027467|ref|NM\_145068.2| Homo sapiens transient receptor potential cation channel, subfamily V, me  
 gi|22027479|ref|NM\_017542.3| Homo sapiens pogo transposable element with KRAB domain (POGK), mRN  
 gi|22027481|ref|NM\_002517.2| Homo sapiens neuronal PAS domain protein 1 (NPAS1), mRNA;  
 gi|22027483|ref|NM\_018686.3| Homo sapiens cytidine monophosphate N-acetylneuraminic acid synthetas  
 gi|22027485|ref|NM\_014310.3| Homo sapiens RASD family, member 2 (RASD2), mRNA;  
 gi|22027487|ref|NM\_012449.2| Homo sapiens six transmembrane epithelial antigen of the prostate 1 (STE  
 gi|22027490|ref|NM\_032461.2| Homo sapiens SPANX family, member B1 (SPANXB1), mRNA;  
 gi|22027491|ref|NM\_145664.1| Homo sapiens SPANX family, member B2 (SPANXB2), mRNA;  
 gi|22027493|ref|NM\_022661.2| Homo sapiens SPANX family, member C (SPANXC), mRNA;  
 gi|22027494|ref|NM\_032417.2| Homo sapiens SPANX family, member D (SPANXD), mRNA;  
 gi|22027495|ref|NM\_145665.1| Homo sapiens SPANX family, member E (SPANXE), mRNA;  
 gi|22027540|ref|NM\_005707.1| Homo sapiens programmed cell death 7 (PDCD7), mRNA;  
 gi|22027559|ref|NM\_031897.2| Homo sapiens calcium channel, voltage-dependent, gamma subunit 6 (CAC  
 gi|22027639|ref|NM\_003528.2| Homo sapiens histone cluster 2, H2be (HIST2H2BE), mRNA;  
 gi|22027643|ref|NM\_002257.2| Homo sapiens kallikrein 1 (KLK1), mRNA;  
 gi|22027647|ref|NM\_145693.1| Homo sapiens lipin 1 (LPIN1), mRNA;  
 gi|22027649|ref|NM\_014646.2| Homo sapiens lipin 2 (LPIN2), mRNA;  
 gi|22027654|ref|NM\_003916.3| Homo sapiens adaptor-related protein complex 1, sigma 2 subunit (AP1S2)  
 gi|22035582|ref|NM\_017613.2| Homo sapiens downstream neighbor of SON (DONSON), mRNA;  
 gi|22035596|ref|NM\_031420.2| Homo sapiens mitochondrial ribosomal protein L9 (MRPL9), nuclear gene  
 gi|22035627|ref|NM\_012317.2| Homo sapiens leucine zipper, down-regulated in cancer 1 (LDOC1), mRNA;  
 gi|22035628|ref|NM\_145867.1| Homo sapiens leukotriene C4 synthase (LTC4S), mRNA;

gi|22035632|ref|NM\_020300.3| Homo sapiens microsomal glutathione S-transferase 1 (MGST1), transcript  
 gi|22035654|ref|NM\_030882.2| Homo sapiens apolipoprotein L, 2 (APOL2), transcript variant alpha, mRNA;  
 gi|22035656|ref|NM\_145660.1| Homo sapiens apolipoprotein L, 4 (APOL4), transcript variant b, mRNA; gi|  
 gi|22035683|ref|NM\_001657.2| Homo sapiens amphiregulin (AREG), mRNA;  
 gi|22091451|ref|NM\_019101.2| Homo sapiens apolipoprotein M (APOM), transcript variant 1, mRNA; gi|37  
 gi|22094124|ref|NM\_020828.1| Homo sapiens zinc finger protein 28 homolog (mouse) (ZFP28), mRNA;  
 gi|22095330|ref|NM\_015047.1| Homo sapiens KIAA0090 (KIAA0090), mRNA;  
 gi|22095339|ref|NM\_000891.2| Homo sapiens potassium inwardly-rectifying channel, subfamily J, member  
 gi|22095357|ref|NM\_020374.2| Homo sapiens chromosome 12 open reading frame 4 (C12orf4), mRNA;  
 gi|22095361|ref|NM\_022343.2| Homo sapiens GLI pathogenesis-related 2 (GLIPR2), mRNA;  
 gi|22095373|ref|NM\_032603.2| Homo sapiens lysyl oxidase-like 3 (LOXL3), mRNA;  
 gi|221136752|ref|NM\_001143970.1| Homo sapiens chromodomain protein, Y-like (CDYL), transcript varian  
 gi|221136762|ref|NR\_026589.1| Homo sapiens WAS protein homolog associated with actin, golgi membrar  
 gi|221136764|ref|NM\_006288.3| Homo sapiens Thy-1 cell surface antigen (THY1), mRNA;  
 gi|221136765|ref|NM\_001144063.1| Homo sapiens oxysterol binding protein-like 5 (OSBPL5), transcript va  
 gi|221136767|ref|NM\_000371.3| Homo sapiens transthyretin (TTR), mRNA;  
 gi|221136771|ref|NM\_198075.3| Homo sapiens leucine rich repeat containing 56 (LRRC56), mRNA;  
 gi|221136776|ref|NM\_001143973.1| Homo sapiens tectonic family member 3 (TCTN3), transcript variant 2  
 gi|221136780|ref|NM\_018079.4| Homo sapiens S1 RNA binding domain 1 (SRBD1), mRNA;  
 gi|221136783|ref|NM\_001024596.2| Homo sapiens zinc finger protein 772 (ZNF772), transcript variant 1, n  
 gi|221136784|ref|NM\_001143975.1| Homo sapiens upstream binding transcription factor, RNA polymerase  
 gi|221136789|ref|NR\_024448.2| Homo sapiens glucuronidase, beta pseudogene 11 (GUSBP11), non-coding  
 gi|221136793|ref|NM\_152433.3| Homo sapiens kelch repeat and BTB (POZ) domain containing 3 (KBTBD3),  
 gi|221136795|ref|NM\_198492.3| Homo sapiens C-type lectin domain family 4, member G (CLEC4G), transci  
 gi|221136796|ref|NR\_026640.1| Homo sapiens makorin ring finger protein 7, pseudogene (MKRN7P), non-i  
 gi|221136797|ref|NR\_026641.1| Homo sapiens integrator complex subunit 2 (INTS2), transcript variant 2, n  
 gi|221136798|ref|NR\_026642.1| Homo sapiens family with sequence similarity 99, member B (non-protein  
 gi|221136802|ref|NM\_173632.3| Homo sapiens zinc finger protein 776 (ZNF776), mRNA;  
 gi|221136805|ref|NM\_001143978.1| Homo sapiens zinc finger, CCHC domain containing 18 (ZCCHC18), tra  
 gi|221136810|ref|NM\_006931.2| Homo sapiens solute carrier family 2 (facilitated glucose transporter), me  
 gi|221136812|ref|NM\_020750.2| Homo sapiens exportin 5 (XPO5), mRNA;  
 gi|221136813|ref|NM\_001143980.1| Homo sapiens coiled-coil domain containing 154 (CCDC154), mRNA;  
 gi|221136815|ref|NM\_153266.3| Homo sapiens transmembrane protein 151A (TMEM151A), mRNA;  
 gi|221136816|ref|NM\_212555.2| Homo sapiens prostate and testis expressed 2 (PATE2), mRNA;  
 gi|221136817|ref|NM\_019086.5| Homo sapiens V-set and immunoglobulin domain containing 10 (VSIG10),  
 gi|221136818|ref|NM\_018362.3| Homo sapiens lin-7 homolog C (C. elegans) (LIN7C), mRNA;  
 gi|221136819|ref|NM\_001008727.2| Homo sapiens zinc finger protein 121 (ZNF121), mRNA;  
 gi|221136823|ref|NR\_026645.1| Homo sapiens de-etiolated homolog 1 (Arabidopsis) (DET1), transcript vari  
 gi|221136824|ref|NM\_006385.3| Homo sapiens zinc finger protein 211 (ZNF211), transcript variant 1, mRN  
 gi|221136825|ref|NR\_001544.2| Homo sapiens non-protein coding RNA 185 (NCRNA00185), non-coding RN  
 gi|221136830|ref|NM\_145648.3| Homo sapiens solute carrier family 15, member 4 (SLC15A4), mRNA;  
 gi|221136833|ref|NM\_001143986.1| Homo sapiens transducin-like enhancer of split 6 (E(sp1) homolog, Dri  
 gi|221136847|ref|NM\_001143988.1| Homo sapiens neuroblastoma breakpoint family, member 6 (NBPF6),  
 gi|221136853|ref|NM\_018081.2| Homo sapiens WD repeat containing, antisense to TP53 (WRAP53), transcr  
 gi|221136875|ref|NM\_001143994.1| Homo sapiens Ras association (RalGDS/AF-6) domain family (N-termir  
 gi|221136896|ref|NM\_014786.3| Homo sapiens Rho guanine nucleotide exchange factor (GEF) 17 (ARHGEF  
 gi|221136903|ref|NM\_002333.3| Homo sapiens low density lipoprotein receptor-related protein 3 (LRP3), i

gi|221136913|ref|NM\_001144000.1| Homo sapiens ArfGAP with GTPase domain, ankyrin repeat and PH do  
gi|221136921|ref|NR\_002226.2| Homo sapiens inhibitor of growth family, X-linked, pseudogene (INGX), no  
gi|221136926|ref|NM\_019849.2| Homo sapiens solute carrier family 7 (neutral amino acid transporter light  
gi|221136929|ref|NM\_013342.3| Homo sapiens TCF3 (E2A) fusion partner (in childhood Leukemia) (TFPT), i  
gi|221136938|ref|NM\_015629.3| Homo sapiens PRP31 pre-mRNA processing factor 31 homolog (S. cerevisi  
gi|221136942|ref|NM\_004542.3| Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 3,  
gi|221136945|ref|NM\_014502.4| Homo sapiens PRP19/PSO4 pre-mRNA processing factor 19 homolog (S. c  
gi|221136950|ref|NM\_017916.2| Homo sapiens PIH1 domain containing 1 (PIH1D1), mRNA;  
gi|221136988|ref|NR\_026646.1| Homo sapiens Prader-Willi region non-protein coding RNA 1 (PWRN1), nor  
gi|221136995|ref|NR\_026647.1| Homo sapiens Prader-Willi region non-protein coding RNA 2 (PWRN2), nor  
gi|221136996|ref|NM\_153374.2| Homo sapiens LysM, putative peptidoglycan-binding, domain containing 2  
gi|221139702|ref|NM\_031925.2| Homo sapiens transmembrane protein 120A (TMEM120A), mRNA;  
gi|221139703|ref|NM\_025201.4| Homo sapiens pleckstrin homology domain containing, family O member  
gi|221139713|ref|NM\_032487.4| Homo sapiens actin-related protein T3 (ACTRT3), mRNA;  
gi|221139719|ref|NR\_026651.1| Homo sapiens DiGeorge syndrome critical region gene 10 (DGCR10), non-c  
gi|221139727|ref|NM\_015164.2| Homo sapiens pleckstrin homology domain containing, family M (with RU  
gi|221139737|ref|NR\_024072.2| Homo sapiens MRS2 magnesium homeostasis factor homolog (S. cerevisia  
gi|221139740|ref|NR\_026655.1| Homo sapiens uncharacterized LOC440101 (FLJ12825), non-coding RNA;  
gi|221139753|ref|NR\_026656.1| Homo sapiens uncharacterized LOC400043 (LOC400043), non-coding RNA,  
gi|221139754|ref|NR\_026657.1| Homo sapiens uncharacterized LOC100240734 (LOC100240734), non-codi  
gi|221139757|ref|NR\_026658.1| Homo sapiens uncharacterized LOC100240735 (LOC100240735), non-codi  
gi|221139758|ref|NM\_152261.2| Homo sapiens chromosome 12 open reading frame 23 (C12orf23), mRNA  
gi|221139759|ref|NM\_058169.3| Homo sapiens loss of heterozygosity, 12, chromosomal region 1 (LOH12C  
gi|221139760|ref|NM\_017560.1| Homo sapiens zinc finger protein 853 (ZNF853), mRNA;  
gi|221139762|ref|NR\_003039.2| Homo sapiens glycosylation dependent cell adhesion molecule 1 (pseudog  
gi|221139763|ref|NM\_020901.2| Homo sapiens PHD and ring finger domains 1 (PHRF1), mRNA;  
gi|221139766|ref|NM\_021928.3| Homo sapiens signal peptidase complex subunit 3 homolog (S. cerevisiae)  
gi|221139768|ref|NM\_004396.3| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box helicase 5 (DDX5), mRNA;  
gi|221139769|ref|NR\_026660.1| Homo sapiens ribosomal protein L19 pseudogene 12 (RPL19P12), non-cod  
gi|221139770|ref|NM\_000857.2| Homo sapiens guanylate cyclase 1, soluble, beta 3 (GUCY1B3), mRNA;  
gi|221139771|ref|NM\_001080416.2| Homo sapiens v-myb myeloblastosis viral oncogene homolog (avian)-l  
gi|221139778|ref|NM\_001143939.1| Homo sapiens zinc finger protein 534 (ZNF534), transcript variant 2, n  
gi|221139782|ref|NR\_026594.1| Homo sapiens long intergenic non-protein coding RNA 246B (LINC00246B)  
gi|221139784|ref|NM\_001144757.1| Homo sapiens secretogranin V (7B2 protein) (SCG5), transcript variant  
gi|221139787|ref|NR\_001555.2| Homo sapiens golgin A2 pseudogene 2, Y-linked (GOLGA2P2Y), non-coding  
gi|221139791|ref|NR\_002195.2| Homo sapiens golgin A2 pseudogene 3, Y-linked (GOLGA2P3Y), non-coding  
gi|221139796|ref|NM\_153020.2| Homo sapiens RNA binding motif protein 24 (RBM24), transcript variant 2  
gi|221139805|ref|NR\_026597.1| Homo sapiens disrupted in renal carcinoma 3 (DIRC3), non-coding RNA;  
gi|221139810|ref|NM\_001144032.1| Homo sapiens peptidylprolyl isomerase A (cyclophilin A)-like 4E (PPIA)  
gi|221139812|ref|NM\_173077.2| Homo sapiens carboxypeptidase O (CPO), mRNA;  
gi|221139817|ref|NM\_182577.2| Homo sapiens outer dense fiber of sperm tails 3-like 2 (ODF3L2), mRNA;  
gi|221139819|ref|NM\_198532.2| Homo sapiens chromosome 19 open reading frame 35 (C19orf35), mRNA  
gi|221139820|ref|NM\_020645.2| Homo sapiens nuclear receptor interacting protein 3 (NRIP3), mRNA;  
gi|221139821|ref|NM\_018593.4| Homo sapiens solute carrier family 16, member 10 (aromatic amino acid t  
gi|221139824|ref|NR\_002139.2| Homo sapiens HLA complex group 4 (non-protein coding) (HCG4), non-cod  
gi|221139827|ref|NM\_001143947.1| Homo sapiens unc-93 homolog A (C. elegans) (UNC93A), transcript va  
gi|221139831|ref|NM\_138408.3| Homo sapiens general transcription factor IIIC, polypeptide 6, alpha 35kD

gi|221139835|ref|NM\_001143948.1| Homo sapiens androgen-dependent TFPI-regulating protein (ADTRP),

gi|221139837|ref|NM\_001144037.1| Homo sapiens transmembrane protein 25 (TMEM25), transcript varia

gi|221139882|ref|NM\_025059.3| Homo sapiens coiled-coil domain containing 170 (CCDC170), mRNA;

gi|221139895|ref|NM\_001143960.1| Homo sapiens chromosome 2 open reading frame 74 (C2orf74), trans

gi|221139913|ref|NM\_203462.2| Homo sapiens Morf4 family associated protein 1-like 1 (MRFAP1L1), mRN

gi|221218971|ref|NM\_031209.2| Homo sapiens queueine tRNA-ribosyltransferase 1 (QTRT1), mRNA;

gi|221218972|ref|NM\_014726.2| Homo sapiens TBK1 binding protein 1 (TBKBP1), mRNA;

gi|221218974|ref|NR\_003288.2| Homo sapiens calcium binding protein P22 pseudogene (LOC729603), non

gi|221218978|ref|NR\_003268.3| Homo sapiens CTAGE family, member 10, pseudogene (CTAGE10P), non-c

gi|221218980|ref|NM\_019893.2| Homo sapiens N-acylsphingosine amidohydrolase (non-lysosomal cerami

gi|221218983|ref|NR\_026643.1| Homo sapiens family with sequence similarity 99, member A (non-protein

gi|221218984|ref|NM\_144972.4| Homo sapiens lactate dehydrogenase A-like 6A (LDHAL6A), transcript vari

gi|221218986|ref|NM\_175732.2| Homo sapiens protein tyrosine phosphatase, mitochondrial 1 (PTPMT1), r

gi|221218989|ref|NM\_152677.2| Homo sapiens zinc finger and SCAN domain containing 4 (ZSCAN4), mRNA

gi|221218996|ref|NM\_152441.2| Homo sapiens F-box and leucine-rich repeat protein 14 (FBXL14), mRNA;

gi|221218999|ref|NM\_001144382.1| Homo sapiens phospholipase C-like 2 (PLCL2), transcript variant 1, mR

gi|221219003|ref|NM\_018093.2| Homo sapiens WD repeat domain 74 (WDR74), mRNA;

gi|221219005|ref|NR\_026659.1| Homo sapiens cysteine and histidine-rich domain (CHORD) containing 1 ps

gi|221219006|ref|NM\_022351.4| Homo sapiens N-terminal EF-hand calcium binding protein 1 (NECAB1), m

gi|221219007|ref|NM\_001143936.1| Homo sapiens chromosome 15 open reading frame 61 (C15orf61), mR

gi|221219009|ref|NM\_152479.5| Homo sapiens tetratricopeptide repeat domain 9B (TTC9B), mRNA;

gi|221219011|ref|NR\_026595.1| Homo sapiens long intergenic non-protein coding RNA 246A (LINC00246A)

gi|221219014|ref|NM\_001005173.2| Homo sapiens olfactory receptor, family 52, subfamily L, member 1 (C

gi|221219016|ref|NM\_001005175.2| Homo sapiens olfactory receptor, family 52, subfamily N, member 4 (I

gi|221219018|ref|NM\_181336.3| Homo sapiens LEM domain containing 2 (LEMD2), transcript variant 1, mR

gi|221219019|ref|NM\_031951.3| Homo sapiens WD repeat domain 87 (WDR87), mRNA;

gi|221219022|ref|NR\_001445.2| Homo sapiens RNA, 7SK small nuclear (RN7SK), small nuclear RNA;

gi|221219029|ref|NR\_026662.1| Homo sapiens uncharacterized LOC84983 (MGC14436), transcript variant

gi|221219032|ref|NM\_145173.3| Homo sapiens DIRAS family, GTP-binding RAS-like 1 (DIRAS1), mRNA;

gi|221219044|ref|NR\_026663.1| Homo sapiens GLIS3 antisense RNA 1 (non-protein coding) (GLIS3-AS1), no

gi|221219045|ref|NR\_026664.1| Homo sapiens uncharacterized LOC85009 (MGC16025), non-coding RNA;

gi|221219049|ref|NM\_001144762.1| Homo sapiens transducin-like enhancer of split 2 (E(sp1) homolog, Dr

gi|221219051|ref|NM\_031924.4| Homo sapiens radial spoke 3 homolog (Chlamydomonas) (RSPH3), mRNA;

gi|221219058|ref|NM\_001144767.1| Homo sapiens UDP glucuronosyltransferase 2 family, polypeptide B10

gi|221219060|ref|NM\_018247.3| Homo sapiens transmembrane protein 30A (TMEM30A), transcript varian

gi|221219061|ref|NM\_031918.3| Homo sapiens Kruppel-like factor 16 (KLF16), mRNA;

gi|221219065|ref|NM\_006305.3| Homo sapiens acidic (leucine-rich) nuclear phosphoprotein 32 family, mei

gi|221219069|ref|NM\_145295.3| Homo sapiens zinc finger protein 627 (ZNF627), mRNA;

gi|221219070|ref|NM\_001143968.1| Homo sapiens ADP-ribosylation factor-like 5C (ARL5C), mRNA;

gi|221219073|ref|NM\_014688.2| Homo sapiens USP6 N-terminal like (USP6NL), transcript variant 1, mRNA

gi|221219074|ref|NR\_026667.1| Homo sapiens ribosomal protein S10 pseudogene 7 (RPS10P7), non-coding

gi|22129777|ref|NM\_080725.1| Homo sapiens sulfiredoxin 1 (SRXN1), mRNA;

gi|221307472|ref|NM\_001143778.1| Homo sapiens ArfGAP with SH3 domain, ankyrin repeat and PH doma

gi|221307479|ref|NM\_013349.4| Homo sapiens neudesin neurotrophic factor (NENF), transcript variant 1, I

gi|221307489|ref|NM\_001143940.1| Homo sapiens lengsin, lens protein with glutamine synthetase domair

gi|221307498|ref|NR\_002171.2| Homo sapiens olfactory receptor, family 7, subfamily E, member 156 pseu

gi|221307501|ref|NM\_001143976.1| Homo sapiens WEE1 homolog (S. pombe) (WEE1), transcript variant 2

gi|221307507|ref|NM\_005498.4| Homo sapiens adaptor-related protein complex 1, mu 2 subunit (AP1M2),  
 gi|221307559|ref|NM\_014841.2| Homo sapiens synaptosomal-associated protein, 91kDa homolog (mouse),  
 gi|221307567|ref|NM\_001144823.1| Homo sapiens DENN/MADD domain containing 4A (DENND4A), transcript  
 gi|221307570|ref|NM\_001144824.1| Homo sapiens zinc finger protein 234 (ZNF234), transcript variant 2, n  
 gi|221307574|ref|NM\_152432.2| Homo sapiens Rho GTPase activating protein 42 (ARHGAP42), mRNA;  
 gi|221307579|ref|NM\_001144826.1| Homo sapiens RUN domain containing 3A (RUNDC3A), transcript varia  
 gi|221307582|ref|NM\_007226.2| Homo sapiens neurexophilin 2 (NXPH2), mRNA;  
 gi|221307585|ref|NR\_026673.1| Homo sapiens ribosomal protein L23 pseudogene 8 (RPL23P8), non-coding  
 gi|221307587|ref|NM\_001144832.1| Homo sapiens tetratricopeptide repeat domain 39A (TTC39A), transcr  
 gi|221307589|ref|NR\_026674.1| Homo sapiens uncharacterized protein FLJ30679 (FLJ30679), non-coding R  
 gi|221307599|ref|NR\_026675.1| Homo sapiens CRYM antisense RNA 1 (non-protein coding) (CRYM-AS1), n  
 gi|221307604|ref|NR\_026676.1| Homo sapiens ribosomal protein S2 pseudogene 32 (RPS2P32), non-coding  
 gi|221307606|ref|NM\_001144013.1| Homo sapiens RANBP2-like and GRIP domain containing 3 (RGPD3), r  
 gi|221316554|ref|NM\_003786.3| Homo sapiens ATP-binding cassette, sub-family C (CFTR/MRP), member 3  
 gi|221316558|ref|NM\_032963.3| Homo sapiens chemokine (C-C motif) ligand 14 (CCL14), transcript variant  
 gi|221316562|ref|NM\_001143982.1| Homo sapiens chordin-like 1 (CHRD1), transcript variant 2, mRNA; gi  
 gi|221316569|ref|NM\_001144073.1| Homo sapiens cysteine and histidine-rich domain (CHORD) containing  
 gi|221316572|ref|NM\_001143985.1| Homo sapiens barrier to autointegration factor 1 (BANF1), transcript \n  
 gi|221316574|ref|NM\_001144822.1| Homo sapiens CD58 molecule (CD58), transcript variant 2, mRNA; gi|  
 gi|221316577|ref|NM\_018045.6| Homo sapiens BSD domain containing 1 (BSDC1), transcript variant 2, mR  
 gi|221316589|ref|NR\_026648.1| Homo sapiens biphenyl hydrolase-like (serine hydrolase) (BPHL), transcript  
 gi|221316594|ref|NM\_001144663.1| Homo sapiens cadherin 17, LI cadherin (liver-intestine) (CDH17), trans  
 gi|221316596|ref|NM\_016190.2| Homo sapiens cornulin (CRNN), mRNA;  
 gi|221316598|ref|NM\_001819.2| Homo sapiens chromogranin B (secretogranin 1) (CHGB), mRNA;  
 gi|221316600|ref|NM\_021151.3| Homo sapiens carnitine O-octanoyltransferase (CROT), transcript variant :  
 gi|221316604|ref|NM\_001001786.2| Homo sapiens BH3-like motif containing, cell death inducer (BLID), nu  
 gi|221316606|ref|NM\_003632.2| Homo sapiens contactin associated protein 1 (CNTNAP1), mRNA;  
 gi|221316607|ref|NM\_182508.2| Homo sapiens family with sequence similarity 216, member B (FAM216B)  
 gi|221316608|ref|NM\_053054.3| Homo sapiens cation channel, sperm associated 1 (CATSPER1), mRNA;  
 gi|221316610|ref|NM\_001868.2| Homo sapiens carboxypeptidase A1 (pancreatic) (CPA1), mRNA;  
 gi|221316619|ref|NM\_006023.2| Homo sapiens cell division cycle 123 homolog (S. cerevisiae) (CDC123), m  
 gi|221316628|ref|NM\_016451.4| Homo sapiens coatmer protein complex, subunit beta 1 (COPB1), transc  
 gi|221316633|ref|NM\_015842.2| Homo sapiens LIM domain 7 (LMO7), transcript variant 2, mRNA; gi|2211  
 gi|221316635|ref|NM\_012254.2| Homo sapiens solute carrier family 27 (fatty acid transporter), member 5  
 gi|221316636|ref|NM\_003647.2| Homo sapiens diacylglycerol kinase, epsilon 64kDa (DGKE), mRNA;  
 gi|221316637|ref|NM\_003772.3| Homo sapiens jerky homolog-like (mouse) (JRKL), mRNA;  
 gi|221316641|ref|NM\_001143979.1| Homo sapiens nudE nuclear distribution E homolog 1 (A. nidulans) (NI  
 gi|221316644|ref|NM\_001144072.1| Homo sapiens UBA domain containing 2 (UBAC2), transcript variant 1,  
 gi|221316647|ref|NR\_002815.2| Homo sapiens transmembrane phosphoinositide 3-phosphatase and tensi  
 gi|221316648|ref|NM\_005073.3| Homo sapiens solute carrier family 15 (oligopeptide transporter), membe  
 gi|221316649|ref|NM\_005232.4| Homo sapiens EPH receptor A1 (EPHA1), mRNA;  
 gi|221316655|ref|NM\_053036.2| Homo sapiens neuropeptide FF receptor 2 (NPFFR2), transcript variant 2,  
 gi|221316658|ref|NM\_001143995.1| Homo sapiens leupaxin (LPXN), transcript variant 1, mRNA; gi|221316  
 gi|221316660|ref|NM\_018245.2| Homo sapiens oxoglutarate dehydrogenase-like (OGDHL), nuclear gene ei  
 gi|221316666|ref|NM\_001144827.1| Homo sapiens RNA pseudouridylation synthase domain containing 4 (RI  
 gi|221316670|ref|NM\_021999.4| Homo sapiens integral membrane protein 2B (ITM2B), mRNA;  
 gi|221316671|ref|NM\_001461.2| Homo sapiens flavin containing monooxygenase 5 (FMO5), transcript vari

gi|221316683|ref|NM\_001039573.2| Homo sapiens SEC14-like 1 (*S. cerevisiae*) (SEC14L1), transcript variant 1, mRNA;

gi|221316685|ref|NM\_006391.2| Homo sapiens importin 7 (IPO7), mRNA;

gi|221316690|ref|NM\_021645.5| Homo sapiens UTP14, U3 small nucleolar ribonucleoprotein, homolog C (UTP14C), mRNA;

gi|221316691|ref|NM\_020309.3| Homo sapiens solute carrier family 17 (sodium-dependent inorganic phosphate) (SLC17A1), mRNA;

gi|221316692|ref|NM\_198449.2| Homo sapiens embigin (EMB), mRNA;

gi|221316693|ref|NM\_005708.3| Homo sapiens glypican 6 (GPC6), mRNA;

gi|221316694|ref|NM\_024756.2| Homo sapiens multimerin 2 (MMRN2), mRNA;

gi|221316698|ref|NM\_004668.2| Homo sapiens maltase-glucoamylase (alpha-glucosidase) (MGAM), mRNA;

gi|221316702|ref|NM\_014434.2| Homo sapiens NADPH dependent diflavin oxidoreductase 1 (NDOR1), transcript variant 1, mRNA;

gi|221316710|ref|NM\_152431.2| Homo sapiens piwi-like 4 (*Drosophila*) (PIWIL4), mRNA;

gi|221316712|ref|NM\_006646.5| Homo sapiens WAS protein family, member 3 (WASF3), mRNA;

gi|221316714|ref|NM\_002446.3| Homo sapiens mitogen-activated protein kinase kinase kinase 10 (MAP3K10), mRNA;

gi|221316715|ref|NM\_001143937.1| Homo sapiens proteasome (prosome, macropain) subunit, alpha type 1 (PSMA1), mRNA;

gi|221316717|ref|NM\_003152.3| Homo sapiens signal transducer and activator of transcription 5A (STAT5A), mRNA;

gi|221316718|ref|NM\_000820.2| Homo sapiens growth arrest-specific 6 (GAS6), transcript variant 1, mRNA;

gi|221316719|ref|NM\_138281.2| Homo sapiens distal-less homeobox 4 (DLX4), transcript variant 1, mRNA;

gi|221316721|ref|NR\_026586.1| Homo sapiens EF-hand calcium binding domain 2 (EFCAB2), transcript variant 1, mRNA;

gi|221316722|ref|NM\_024662.2| Homo sapiens N-acetyltransferase 10 (GCN5-related) (NAT10), transcript variant 1, mRNA;

gi|221316725|ref|NM\_012158.2| Homo sapiens F-box and leucine-rich repeat protein 3 (FBXL3), mRNA;

gi|221316727|ref|NM\_021137.4| Homo sapiens tumor necrosis factor, alpha-induced protein 1 (endothelial protein C receptor) (TECRL), mRNA;

gi|221316730|ref|NM\_018676.3| Homo sapiens thrombospondin, type I, domain containing 1 (THSD1), transcript variant 1, mRNA;

gi|221316733|ref|NM\_017425.3| Homo sapiens sperm autoantigenic protein 17 (SPA17), mRNA;

gi|221316736|ref|NM\_020866.2| Homo sapiens kelch-like 1 (*Drosophila*) (KLHL1), mRNA;

gi|221316739|ref|NM\_002901.2| Homo sapiens reticulocalbin 1, EF-hand calcium binding domain (RCN1), mRNA;

gi|221316743|ref|NM\_001144033.1| Homo sapiens stomatin (EPB72)-like 3 (STOML3), transcript variant 2, mRNA;

gi|221316745|ref|NM\_003156.3| Homo sapiens stromal interaction molecule 1 (STIM1), mRNA;

gi|221316746|ref|NM\_015065.2| Homo sapiens exophilin 5 (EXPH5), mRNA;

gi|221316748|ref|NM\_001870.2| Homo sapiens carboxypeptidase A3 (mast cell) (CPA3), mRNA;

gi|221316752|ref|NM\_005567.3| Homo sapiens lectin, galactoside-binding, soluble, 3 binding protein (LGAL3), mRNA;

gi|221316759|ref|NM\_001143963.1| Homo sapiens L1 cell adhesion molecule (L1CAM), transcript variant 3, mRNA;

gi|221316761|ref|NM\_001144059.1| Homo sapiens neurotrimin (NTM), transcript variant 4, mRNA; gi|115411151|ref|NM\_001144059.1| Homo sapiens neurotrimin (NTM), transcript variant 4, mRNA;

gi|221316763|ref|NM\_002267.3| Homo sapiens karyopherin alpha 3 (importin alpha 4) (KPNA3), mRNA;

gi|221316766|ref|NM\_001144774.1| Homo sapiens ELAV (embryonic lethal, abnormal vision, *Drosophila*)-like 1 (ELAVL1), mRNA;

gi|221554485|ref|NM\_001781.2| Homo sapiens CD69 molecule (CD69), transcript variant 1, mRNA;

gi|221554495|ref|NM\_181654.3| Homo sapiens complexin 4 (CPLX4), mRNA;

gi|221554512|ref|NR\_026677.1| Homo sapiens MIR600 host gene (non-protein coding) (MIR600HG), non-coding RNA;

gi|221554513|ref|NM\_030937.4| Homo sapiens cyclin L2 (CCNL2), transcript variant 1, mRNA; gi|28885635|ref|NM\_030937.4| Homo sapiens cyclin L2 (CCNL2), transcript variant 1, mRNA;

gi|221554519|ref|NM\_001144869.1| Homo sapiens lipoyl(octanoyl) transferase 2 (putative) (LIPT2), nuclear long-chain fatty acid CoA ligase 2 (NLCFA-CoA ligase 2), mRNA;

gi|221554523|ref|NM\_001144871.1| Homo sapiens V-set and transmembrane domain containing 5 (VSTM5), mRNA;

gi|221554525|ref|NM\_001144872.1| Homo sapiens coiled-coil domain containing 42B (CCDC42B), mRNA;

gi|221554529|ref|NM\_001144874.1| Homo sapiens prostate and testis expressed 4 (PATE4), mRNA;

gi|221554536|ref|NM\_024872.2| Homo sapiens docking protein 3 (DOK3), transcript variant 1, mRNA; gi|221554536|ref|NM\_024872.2| Homo sapiens docking protein 3 (DOK3), transcript variant 1, mRNA;

gi|221554544|ref|NM\_032323.2| Homo sapiens transmembrane protein 79 (TMEM79), transcript variant 1, mRNA;

gi|221554546|ref|NM\_006143.2| Homo sapiens G protein-coupled receptor 19 (GPR19), mRNA;

gi|221554547|ref|NR\_002929.2| Homo sapiens actin pseudogene (LOC148709), non-coding RNA;

gi|221554548|ref|NM\_001143962.1| Homo sapiens calpain 8 (CAPN8), mRNA;

gi|221625421|ref|NM\_182472.2| Homo sapiens EPH receptor A5 (EPHA5), transcript variant 2, mRNA; gi|221625421|ref|NM\_182472.2| Homo sapiens EPH receptor A5 (EPHA5), transcript variant 2, mRNA;

gi|221625432|ref|NM\_001486.3| Homo sapiens glucokinase (hexokinase 4) regulator (GCKR), mRNA;  
 gi|221625452|ref|NM\_017551.2| Homo sapiens glutamate receptor, ionotropic, delta 1 (GRID1), mRNA;  
 gi|221625465|ref|NM\_002077.3| Homo sapiens golgin A1 (GOLGA1), mRNA;  
 gi|221625478|ref|NM\_005536.3| Homo sapiens inositol(myo)-1(or 4)-monophosphatase 1 (IMPA1), transcr  
 gi|221625527|ref|NM\_004131.4| Homo sapiens granzyme B (granzyme 2, cytotoxic T-lymphocyte-associate  
 gi|221625537|ref|NM\_014429.3| Homo sapiens MORC family CW-type zinc finger 1 (MORC1), mRNA;  
 gi|221625546|ref|NM\_001144772.1| Homo sapiens neutral sphingomyelinase (N-SMase) activation associa  
 gi|22165415|ref|NM\_000155.2| Homo sapiens galactose-1-phosphate uridylyltransferase (GALT), mRNA;  
 gi|22165422|ref|NM\_024348.2| Homo sapiens dynactin 3 (p22) (DCTN3), transcript variant 2, mRNA; gi|22:  
 gi|22165424|ref|NM\_006274.2| Homo sapiens chemokine (C-C motif) ligand 19 (CCL19), mRNA;  
 gi|22165425|ref|NM\_002989.2| Homo sapiens chemokine (C-C motif) ligand 21 (CCL21), mRNA;  
 gi|22165426|ref|NM\_002991.2| Homo sapiens chemokine (C-C motif) ligand 24 (CCL24), mRNA;  
 gi|22165428|ref|NM\_006664.2| Homo sapiens chemokine (C-C motif) ligand 27 (CCL27), mRNA;  
 gi|22165430|ref|NM\_145868.1| Homo sapiens annexin A11 (ANXA11), transcript variant b, mRNA; gi|2216:  
 gi|222080048|ref|NM\_000867.4| Homo sapiens 5-hydroxytryptamine (serotonin) receptor 2B, G protein-cc  
 gi|222080050|ref|NM\_021239.2| Homo sapiens RNA binding motif protein 25 (RBM25), mRNA;  
 gi|222080052|ref|NM\_016586.2| Homo sapiens MAP3K12 binding inhibitory protein 1 (MBIP), transcript va  
 gi|222080056|ref|NR\_026691.1| Homo sapiens interleukin 10 receptor, alpha (IL10RA), transcript variant 2,  
 gi|222080057|ref|NM\_006370.2| Homo sapiens vesicle transport through interaction with t-SNAREs homol  
 gi|222080063|ref|NM\_032478.3| Homo sapiens mitochondrial ribosomal protein L38 (MRPL38), nuclear ge  
 gi|222080065|ref|NM\_018173.3| Homo sapiens pleckstrin homology domain containing, family G (with Rho  
 gi|222080071|ref|NR\_026679.1| Homo sapiens long intergenic non-protein coding RNA 32 (LINC00032), no  
 gi|222080079|ref|NR\_026681.1| Homo sapiens uncharacterized LOC221122 (LOC221122), non-coding RNA,  
 gi|222080081|ref|NR\_026683.1| Homo sapiens uncharacterized LOC100268168 (LOC100268168), transcrip  
 gi|222080082|ref|NM\_004963.3| Homo sapiens guanylate cyclase 2C (heat stable enterotoxin receptor) (G  
 gi|222080085|ref|NM\_001144884.1| Homo sapiens solute carrier family 30 (zinc transporter), member 7 (S  
 gi|222080087|ref|NR\_026684.1| Homo sapiens Helicobacter pylori responsive 1 (non-protein coding) (HPYF  
 gi|222080091|ref|NM\_014149.3| Homo sapiens WD repeat domain 91 (WDR91), mRNA;  
 gi|222080094|ref|NM\_001525.2| Homo sapiens hypocretin (orexin) receptor 1 (HCRTR1), mRNA;  
 gi|222080096|ref|NM\_017451.2| Homo sapiens BAI1-associated protein 2 (BAIAP2), transcript variant 2, m  
 gi|222080101|ref|NM\_022121.4| Homo sapiens PERP, TP53 apoptosis effector (PERP), mRNA;  
 gi|222080106|ref|NM\_001144890.1| Homo sapiens solute carrier family 23 (nucleobase transporters), mer  
 gi|222080108|ref|NM\_001526.3| Homo sapiens hypocretin (orexin) receptor 2 (HCRTR2), mRNA;  
 gi|222080111|ref|NR\_026690.1| Homo sapiens ABHD11 antisense RNA 1 (non-protein coding) (ABHD11-AS  
 gi|22208986|ref|NM\_145894.1| Homo sapiens kallikrein-related peptidase 12 (KLK12), transcript variant 2,  
 gi|22209000|ref|NM\_145702.1| Homo sapiens tigger transposable element derived 1 (TIGD1), mRNA;  
 gi|22209003|ref|NM\_022135.2| Homo sapiens popeye domain containing 2 (POPDC2), mRNA;  
 gi|22209005|ref|NM\_014433.2| Homo sapiens rhabdoid tumor deletion region gene 1 (RTDR1), mRNA;  
 gi|22209007|ref|NM\_005842.2| Homo sapiens sprouty homolog 2 (Drosophila) (SPRY2), mRNA;  
 gi|22212919|ref|NM\_012144.2| Homo sapiens dynein, axonemal, intermediate chain 1 (DNAI1), mRNA;  
 gi|22212920|ref|NM\_004512.3| Homo sapiens interleukin 11 receptor, alpha (IL11RA), transcript variant 1,  
 gi|22212932|ref|NM\_005866.2| Homo sapiens sigma non-opioid intracellular receptor 1 (SIGMAR1), transc  
 gi|222136579|ref|NM\_006822.2| Homo sapiens RAB40B, member RAS oncogene family (RAB40B), mRNA;  
 gi|222136582|ref|NM\_001567.3| Homo sapiens inositol polyphosphate phosphatase-like 1 (INPPL1), mRNA  
 gi|222136584|ref|NM\_003920.3| Homo sapiens timeless homolog (Drosophila) (TIMELESS), mRNA;  
 gi|222136595|ref|NM\_023003.3| Homo sapiens transmembrane 6 superfamily member 1 (TM6SF1), transc  
 gi|222136610|ref|NM\_030916.2| Homo sapiens poliovirus receptor-related 4 (PVRL4), mRNA;

gi|222136621|ref|NM\_001129883.3| Homo sapiens prostate and testis expressed 3 (PATE3), mRNA;

gi|222136626|ref|NM\_015226.2| Homo sapiens C-type lectin domain family 16, member A (CLEC16A), tran

gi|222136627|ref|NM\_001144927.1| Homo sapiens NFkB inhibitor interacting Ras-like 2 (NKIRAS2), transcr

gi|222136633|ref|NM\_024926.2| Homo sapiens tetratricopeptide repeat domain 26 (TTC26), transcript var

gi|222136637|ref|NM\_020405.4| Homo sapiens plexin domain containing 1 (PLXDC1), mRNA;

gi|222136638|ref|NM\_005956.3| Homo sapiens methylenetetrahydrofolate dehydrogenase (NADP+ depen

gi|222136640|ref|NM\_033116.4| Homo sapiens NIMA (never in mitosis gene a)- related kinase 9 (NEK9), m

gi|222136643|ref|NM\_001136566.2| Homo sapiens RAD21-like 1 (S. pombe) (RAD21L1), mRNA;

gi|222136646|ref|NM\_001008777.2| Homo sapiens F-box protein 47 (FBXO47), mRNA;

gi|222136648|ref|NM\_001144931.1| Homo sapiens D-dopachrome tautomerase-like (LOC391322), mRNA;

gi|222136681|ref|NM\_001144882.1| Homo sapiens prickly homolog 1 (Drosophila) (PRICKLE1), transcript v

gi|222136691|ref|NM\_001144887.1| Homo sapiens Cbp/p300-interacting transactivator, with Glu/Asp-rich

gi|222144226|ref|NM\_001136031.2| Homo sapiens ATG7 autophagy related 7 homolog (S. cerevisiae) (ATC

gi|222144236|ref|NM\_001144916.1| Homo sapiens fibroblast growth factor receptor 2 (FGFR2), transcript

gi|222144248|ref|NM\_144666.2| Homo sapiens dynein heavy chain domain 1 (DNHD1), transcript variant 1

gi|222144250|ref|NR\_026693.1| Homo sapiens zinc finger protein 487, pseudogene (ZNF487P), non-coding

gi|222144264|ref|NR\_002808.2| Homo sapiens ITPK1 antisense RNA 1 (non-protein coding) (ITPK1-AS1), nc

gi|222144265|ref|NM\_033315.3| Homo sapiens RAS-like, family 10, member B (RASL10B), mRNA;

gi|222144269|ref|NM\_052916.2| Homo sapiens ring finger protein 157 (RNF157), mRNA;

gi|222144276|ref|NM\_017681.2| Homo sapiens nucleoporin 62kDa C-terminal like (NUP62CL), transcript va

gi|222144279|ref|NM\_080677.2| Homo sapiens dynein, light chain, LC8-type 2 (DYNLL2), mRNA;

gi|222144282|ref|NM\_001144936.1| Homo sapiens chromosome 11 open reading frame 95 (C11orf95), m

gi|222144285|ref|NM\_001249.2| Homo sapiens ectonucleoside triphosphate diphosphohydrolase 5 (ENTPD

gi|222144289|ref|NM\_001144937.1| Homo sapiens fibronectin type III domain containing 7 (FNDC7), mRN

gi|222144291|ref|NM\_178126.3| Homo sapiens family with sequence similarity 134, member C (FAM134C)

gi|222144296|ref|NR\_026698.1| Homo sapiens karyopherin alpha 1 (importin alpha 5) (KPNA1), transcript v

gi|222144300|ref|NM\_182565.3| Homo sapiens family with sequence similarity 100, member B (FAM100B)

gi|222144302|ref|NM\_001144939.1| Homo sapiens vitelline membrane outer layer 1 homolog (chicken) (V

gi|222144308|ref|NM\_006423.2| Homo sapiens Rab acceptor 1 (prenylated) (RABAC1), mRNA;

gi|222144318|ref|NM\_001144943.1| Homo sapiens RAB34, member RAS oncogene family (RAB34), transcr

gi|222144323|ref|NM\_001144944.1| Homo sapiens myosin, light chain 12B, regulatory (MYL12B), transcrip

gi|22218340|ref|NM\_147191.1| Homo sapiens matrix metalloproteinase 21 (MMP21), mRNA;

gi|222352095|ref|NM\_006398.3| Homo sapiens ubiquitin D (UBD), mRNA;

gi|222352097|ref|NM\_018055.4| Homo sapiens nodal homolog (mouse) (NODAL), mRNA;

gi|222352100|ref|NM\_153337.2| Homo sapiens sorting nexin 20 (SNX20), transcript variant 2, mRNA; gi|22

gi|222352103|ref|NM\_145756.2| Homo sapiens zinc finger protein 396 (ZNF396), mRNA;

gi|222352104|ref|NM\_175907.4| Homo sapiens zinc binding alcohol dehydrogenase domain containing 2 (z

gi|222352105|ref|NR\_026706.1| Homo sapiens uncharacterized LOC286094 (LOC286094), non-coding RNA,

gi|222352110|ref|NM\_032390.4| Homo sapiens MKI67 (FHA domain) interacting nucleolar phosphoprotein

gi|222352112|ref|NM\_001070.4| Homo sapiens tubulin, gamma 1 (TUBG1), mRNA;

gi|222352121|ref|NM\_001144950.1| Homo sapiens scavenger receptor cysteine rich domain containing (5

gi|222352126|ref|NM\_001144952.1| Homo sapiens sidekick cell adhesion molecule 2 (SDK2), mRNA;

gi|222352128|ref|NM\_138345.1| Homo sapiens von Willebrand factor A domain containing 5B2 (VWA5B2),

gi|222352134|ref|NM\_001144954.1| Homo sapiens chromosome 5 open reading frame 47 (C5orf47), mRN

gi|222352136|ref|NR\_026703.1| Homo sapiens vault RNA 1-1 (VTRNA1-1), vault RNA;

gi|222352137|ref|NR\_026704.1| Homo sapiens vault RNA 1-2 (VTRNA1-2), vault RNA;

gi|222352138|ref|NR\_026705.1| Homo sapiens vault RNA 1-3 (VTRNA1-3), vault RNA;



gi|222352140|ref|NM\_001144955.1| Homo sapiens DTW domain containing 1 (DTWD1), transcript variant

gi|222352142|ref|NM\_018421.3| Homo sapiens TBC1 domain family, member 2 (TBC1D2), mRNA;

gi|222352144|ref|NM\_018423.2| Homo sapiens serine/threonine/tyrosine kinase 1 (STYK1), mRNA;

gi|222352146|ref|NM\_001144956.1| Homo sapiens regulatory subunit of type II PKA R-subunit (RIIa) doma

gi|222352148|ref|NM\_018665.2| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 43 (DDX43), mRNA

gi|222352150|ref|NM\_006196.3| Homo sapiens poly(rC) binding protein 1 (PCBP1), mRNA;

gi|222352156|ref|NM\_003002.2| Homo sapiens succinate dehydrogenase complex, subunit D, integral mer

gi|222352157|ref|NM\_178563.3| Homo sapiens ATP/GTP binding protein-like 3 (AGBL3), mRNA;

gi|222352160|ref|NM\_020453.3| Homo sapiens ATPase, class V, type 10D (ATP10D), mRNA;

gi|222352163|ref|NM\_006157.3| Homo sapiens NEL-like 1 (chicken) (NELL1), transcript variant 1, mRNA; gi

gi|222352167|ref|NM\_001144960.1| Homo sapiens ankyrin repeat and ubiquitin domain containing 1 (ANK

gi|222352169|ref|NM\_005383.2| Homo sapiens sialidase 2 (cytosolic sialidase) (NEU2), mRNA;

gi|222352176|ref|NM\_001144962.1| Homo sapiens nuclear factor of kappa light polypeptide gene enhance

gi|222418553|ref|NM\_003320.4| Homo sapiens tubby homolog (mouse) (TUB), transcript variant 1, mRNA;

gi|222418557|ref|NM\_001144978.1| Homo sapiens methylenetetrahydrofolate dehydrogenase (NADP+ de

gi|222418584|ref|NM\_001144989.1| Homo sapiens zinc finger protein 814 (ZNF814), mRNA;

gi|222418586|ref|NM\_001144990.1| Homo sapiens KIAA1239 (KIAA1239), mRNA;

gi|222418596|ref|NR\_026711.1| Homo sapiens ASMTL antisense RNA 1 (non-protein coding) (ASMTL-AS1),

gi|222418597|ref|NR\_026712.1| Homo sapiens ribosomal protein L13a pseudogene 5 (RPL13AP5), non-cod

gi|222418603|ref|NM\_001144994.1| Homo sapiens chromosome 2 open reading frame 72 (C2orf72), mRNA.

gi|222418605|ref|NR\_026713.1| Homo sapiens family with sequence similarity 182, member A (FAM182A),

gi|222418607|ref|NR\_026715.1| Homo sapiens ribosomal protein L13a pseudogene 6 (RPL13AP6), non-cod

gi|222418608|ref|NR\_024044.2| Homo sapiens defensin, beta 109, pseudogene 1 (DEFB109P1), non-coding

gi|222418609|ref|NM\_006762.2| Homo sapiens lysosomal protein transmembrane 5 (LAPTM5), mRNA;

gi|222418610|ref|NM\_002206.2| Homo sapiens integrin, alpha 7 (ITGA7), transcript variant 2, mRNA; gi|22

gi|222418618|ref|NM\_181606.2| Homo sapiens keratin associated protein 7-1 (gene/pseudogene) (KRTAP7

gi|222418628|ref|NM\_173514.2| Homo sapiens solute carrier family 38, member 9 (SLC38A9), mRNA;

gi|222418630|ref|NM\_181776.2| Homo sapiens solute carrier family 36 (proton/amino acid symporter), m

gi|222418632|ref|NM\_130899.2| Homo sapiens family with sequence similarity 71, member B (FAM71B), n

gi|222418635|ref|NM\_003795.4| Homo sapiens sorting nexin 3 (SNX3), transcript variant 1, mRNA; gi|2224

gi|222418636|ref|NM\_001145004.1| Homo sapiens golgin A6 family-like 6 (GOLGA6L6), mRNA;

gi|222418638|ref|NM\_002364.4| Homo sapiens melanoma antigen family B, 2 (MAGEB2), mRNA;

gi|222418646|ref|NM\_001145006.1| Homo sapiens mucin 7, secreted (MUC7), transcript variant 1, mRNA;

gi|222418650|ref|NM\_174871.2| Homo sapiens proteasome (prosome, macropain) 26S subunit, non-ATPa;

gi|222418653|ref|NM\_145326.2| Homo sapiens zinc finger protein 493 (ZNF493), transcript variant 2, mRN

gi|222418655|ref|NR\_026716.1| Homo sapiens killer cell immunoglobulin-like receptor, three domains, X1

gi|222418656|ref|NM\_007048.5| Homo sapiens butyrophilin, subfamily 3, member A1 (BTN3A1), transcript

gi|222418692|ref|NM\_173503.3| Homo sapiens EF-hand calcium binding domain 3 (EFCAB3), transcript var

gi|222418768|ref|NM\_145262.3| Homo sapiens glycerate kinase (GLYCK), transcript variant 1, mRNA; gi|2

gi|222418789|ref|NM\_001293.2| Homo sapiens chloride channel, nucleotide-sensitive, 1A (CLNS1A), mRNA

gi|222418790|ref|NM\_001144958.1| Homo sapiens EF-hand calcium binding domain 4B (EFCAB4B), transcr

gi|222418795|ref|NM\_004297.3| Homo sapiens guanine nucleotide binding protein (G protein), alpha 14 (G

gi|222446602|ref|NM\_001001413.3| Homo sapiens golgin A6 family-like 1 (GOLGA6L1), mRNA;

gi|222446606|ref|NM\_152550.3| Homo sapiens SH3 domain containing ring finger 2 (SH3RF2), mRNA;

gi|222446608|ref|NM\_203349.3| Homo sapiens SHC (Src homology 2 domain containing) family, member 4

gi|222446610|ref|NM\_178565.4| Homo sapiens R-spondin 2 (RSPO2), mRNA;

gi|222446612|ref|NR\_026718.1| Homo sapiens forkhead box O3B pseudogene (FOXO3B), non-coding RNA;

gi|222446615|ref|NM\_001145010.1| Homo sapiens chromosome 12 open reading frame 70 (C12orf70), mRNA;  
 gi|222446617|ref|NM\_198516.2| Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetyl  
 gi|222446619|ref|NM\_001145011.1| Homo sapiens chromosome 16 open reading frame 96 (C16orf96), mRNA;  
 gi|222446628|ref|NM\_001145014.1| Homo sapiens ret finger protein-like 4A (RFPL4A), mRNA;  
 gi|222446630|ref|NR\_003668.2| Homo sapiens defensin, beta 109, pseudogene 1B (DEFB109P1B), non-cod  
 gi|222446641|ref|NM\_001145017.1| Homo sapiens solute carrier family 36 (proton/amino acid symporter)  
 gi|222446645|ref|NM\_002897.4| Homo sapiens RNA binding motif, single stranded interacting protein 1 (R  
 gi|222446646|ref|NM\_001145018.1| Homo sapiens coiled-coil domain containing 153 (CCDC153), mRNA;  
 gi|222446648|ref|NM\_133492.2| Homo sapiens alkaline ceramidase 1 (ACER1), mRNA;  
 gi|222537713|ref|NM\_153235.3| Homo sapiens taxilin beta (TXLNB), mRNA;  
 gi|222537715|ref|NM\_152628.3| Homo sapiens sorting nexin 31 (SNX31), mRNA;  
 gi|222537717|ref|NM\_201566.2| Homo sapiens solute carrier family 16, member 13 (monocarboxylic acid  
 gi|222537718|ref|NM\_145232.3| Homo sapiens cytosolic thiouridylase subunit 1 homolog (S. pombe) (CTU  
 gi|222537731|ref|NM\_138355.3| Homo sapiens secernin 2 (SCRN2), transcript variant 1, mRNA; gi|222537  
 gi|222537733|ref|NM\_001145024.1| Homo sapiens chromosome 11 open reading frame 34 (C11orf34), mRNA;  
 gi|222537736|ref|NM\_018217.2| Homo sapiens ER degradation enhancer, mannosidase alpha-like 2 (EDE  
 gi|222537742|ref|NM\_001145026.1| Homo sapiens protein tyrosine phosphatase, receptor type, Q (PTPRC  
 gi|222537746|ref|NM\_001145028.1| Homo sapiens paralectin 3 (PALM3), mRNA;  
 gi|222537749|ref|NM\_001145029.1| Homo sapiens ankyrin repeat domain 30B (ANKRD30B), mRNA;  
 gi|222537751|ref|NM\_020209.3| Homo sapiens Src homology 2 domain containing transforming protein D  
 gi|222537753|ref|NM\_001145030.1| Homo sapiens chromosome 3 open reading frame 77 (C3orf77), mRNA;  
 gi|222537757|ref|NM\_002658.3| Homo sapiens plasminogen activator, urokinase (PLAU), transcript variant  
 gi|222537760|ref|NM\_001145033.1| Homo sapiens chromosome 11 open reading frame 96 (C11orf96), mRNA;  
 gi|222537766|ref|NR\_026730.1| Homo sapiens transmembrane phosphoinositide 3-phosphatase and tensi  
 gi|22267435|ref|NM\_015469.1| Homo sapiens nipsnap homolog 3A (C. elegans) (NIPSNAP3A), mRNA;  
 gi|222831567|ref|NM\_033082.3| Homo sapiens SAP domain containing ribonucleoprotein (SARNP), transcr  
 gi|222831574|ref|NM\_013272.3| Homo sapiens solute carrier organic anion transporter family, member 3A  
 gi|222831576|ref|NM\_001145045.1| Homo sapiens zinc finger protein 286B (ZNF286B), mRNA;  
 gi|222831584|ref|NR\_026731.1| Homo sapiens chromosome 14 open reading frame 23 (C14orf23), transcr  
 gi|222831586|ref|NM\_017910.3| Homo sapiens tRNA methyltransferase 61 homolog B (S. cerevisiae) (TRM  
 gi|222831589|ref|NM\_018292.4| Homo sapiens glutaminyl-tRNA synthase (glutamine-hydrolyzing)-like 1 (C  
 gi|222831591|ref|NM\_001042575.2| Homo sapiens transmembrane protease, serine 7 (TMPRSS7), transcri  
 gi|222831594|ref|NM\_017631.5| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 60 (DDX60), mRNA  
 gi|222831604|ref|NR\_026736.1| Homo sapiens chromosome 6 open reading frame 52 (C6orf52), transcript  
 gi|222831609|ref|NM\_001145056.1| Homo sapiens solute carrier family 44, member 2 (SLC44A2), transcri  
 gi|222831613|ref|NM\_001145054.1| Homo sapiens chromosome 2 open reading frame 81 (C2orf81), mRNA;  
 gi|222831626|ref|NR\_026740.1| Homo sapiens placenta-specific 9 pseudogene (LOC389033), non-coding R  
 gi|222831627|ref|NM\_001145059.1| Homo sapiens IQ motif containing F5 (IQCF5), mRNA;  
 gi|222831632|ref|NM\_001010904.1| Homo sapiens glycine-N-acyltransferase-like 3 (GLYATL3), mRNA;  
 gi|222831642|ref|NM\_001145063.1| Homo sapiens GATS protein-like 1 (GATSL1), mRNA;  
 gi|222831644|ref|NM\_001145064.1| Homo sapiens GATS protein-like 2 (GATSL2), mRNA;  
 gi|222831646|ref|NM\_001145065.1| Homo sapiens family with sequence similarity 190, member A (FAM19  
 gi|222831659|ref|NM\_198475.2| Homo sapiens family with sequence similarity 171, member A2 (FAM171  
 gi|222831663|ref|NM\_007149.2| Homo sapiens zinc finger protein 184 (ZNF184), mRNA;  
 gi|223005856|ref|NM\_001145088.1| Homo sapiens WD repeat domain 67 (WDR67), transcript variant 2, m  
 gi|223005861|ref|NM\_001039753.2| Homo sapiens echinoderm microtubule associated protein like 6 (EMI  
 gi|223005863|ref|NM\_198148.2| Homo sapiens carboxypeptidase X (M14 family), member 2 (CPXM2), mR

gi|223005865|ref|NR\_026752.1| Homo sapiens ciliary rootlet coiled-coil, rootletin pseudogene 2 (CROCCP2)

gi|223005896|ref|NM\_007266.3| Homo sapiens GPN-loop GTPase 1 (GPN1), transcript variant 1, mRNA; gi|

gi|223005905|ref|NM\_001145073.1| Homo sapiens ubiquitin specific peptidase 27, X-linked (USP27X), mRNA

gi|223005918|ref|NR\_026742.1| Homo sapiens uncharacterized LOC158572 (LOC158572), non-coding RNA

gi|223005919|ref|NR\_026743.1| Homo sapiens aldo-keto reductase, truncated (tAKR), non-coding RNA;

gi|223005920|ref|NR\_026744.1| Homo sapiens uncharacterized LOC400794 (LOC400794), non-coding RNA

gi|223005921|ref|NM\_001145077.1| Homo sapiens leucine rich repeat containing 10B (LRRC10B), mRNA;

gi|223005924|ref|NM\_001023563.3| Homo sapiens zinc finger protein 805 (ZNF805), transcript variant 1, n

gi|223005948|ref|NR\_026751.1| Homo sapiens ZNRD1 antisense RNA 1 (non-protein coding) (ZNRD1-AS1),

gi|223005949|ref|NM\_138392.3| Homo sapiens SH3KBP1 binding protein 1 (SHKBP1), mRNA;

gi|223029408|ref|NM\_032336.2| Homo sapiens GINS complex subunit 4 (Sld5 homolog) (GINS4), mRNA;

gi|223029409|ref|NM\_006289.3| Homo sapiens talin 1 (TLN1), mRNA;

gi|223029411|ref|NM\_001080399.2| Homo sapiens otoconin 90 (OC90), mRNA;

gi|223029413|ref|NM\_001145095.1| Homo sapiens HERV-H LTR-associating 1 (HHLA1), mRNA;

gi|223029423|ref|NM\_018385.2| Homo sapiens large subunit GTPase 1 homolog (*S. cerevisiae*) (LSG1), mRI

gi|223029425|ref|NM\_007001.2| Homo sapiens solute carrier family 35, member D2 (SLC35D2), mRNA;

gi|223029431|ref|NM\_017585.3| Homo sapiens solute carrier family 2 (facilitated glucose transporter), me

gi|223029435|ref|NM\_001145101.1| Homo sapiens BTB (POZ) domain containing 18 (BTBD18), mRNA;

gi|223029437|ref|NM\_005296.2| Homo sapiens lysophosphatidic acid receptor 4 (LPAR4), mRNA;

gi|223029441|ref|NM\_001145103.1| Homo sapiens SMAD family member 3 (SMAD3), transcript variant 3,

gi|223029445|ref|NR\_026755.1| Homo sapiens chromosome 21 open reading frame 15 (C21orf15), non-co

gi|223029448|ref|NM\_015392.3| Homo sapiens neural proliferation, differentiation and control, 1 (NPDC1)

gi|223029450|ref|NR\_026756.1| Homo sapiens cytochrome P450, family 4, subfamily F, polypeptide 35, psi

gi|223029452|ref|NR\_026757.1| Homo sapiens OIP5 antisense RNA 1 (non-protein coding) (OIP5-AS1), non

gi|223029453|ref|NM\_033051.3| Homo sapiens solute carrier family 46, member 2 (SLC46A2), mRNA;

gi|223029455|ref|NR\_026758.1| Homo sapiens uncharacterized LOC440905 (LOC440905), non-coding RNA

gi|223029456|ref|NM\_032728.3| Homo sapiens phosphatidic acid phosphatase type 2 domain containing 3

gi|223029459|ref|NR\_026759.1| Homo sapiens family with sequence similarity 95, member B1 (FAM95B1),

gi|223029462|ref|NM\_032843.4| Homo sapiens fibrinogen C domain containing 1 (FIBCD1), transcript varia

gi|223029465|ref|NM\_017839.4| Homo sapiens lysophosphatidylcholine acyltransferase 2 (LPCAT2), mRNA

gi|223029475|ref|NM\_001145110.1| Homo sapiens NEL-like 2 (chicken) (NELL2), transcript variant 5, mRNA/

gi|223029477|ref|NR\_026760.1| Homo sapiens BPI fold containing family A, member 4, pseudogene (BPIFA

gi|223029486|ref|NR\_026762.1| Homo sapiens long intergenic non-protein coding RNA 263 (LINC00263), n

gi|223029487|ref|NR\_026763.1| Homo sapiens SMAD5 antisense RNA 1 (non-protein coding) (SMAD5-AS1)

gi|223029488|ref|NR\_026764.1| Homo sapiens chromosome 15 open reading frame 50 (C15orf50), non-co

gi|223029489|ref|NR\_026765.1| Homo sapiens chromosome 8 open reading frame 75 (C8orf75), non-codir

gi|223029490|ref|NR\_026766.1| Homo sapiens MYCN opposite strand/antisense RNA (non-protein coding)

gi|223029491|ref|NR\_026767.1| Homo sapiens long intergenic non-protein coding RNA 488 (LINC00488), n

gi|223029492|ref|NM\_002902.2| Homo sapiens reticulocalbin 2, EF-hand calcium binding domain (RCN2), r

gi|223029493|ref|NR\_026768.1| Homo sapiens ribosomal protein S15a pseudogene 10 (RPS15AP10), non-c

gi|223029494|ref|NR\_026769.1| Homo sapiens pro-platelet basic protein-like 2 (PPBPL2), non-coding RNA;

gi|223029495|ref|NR\_026770.1| Homo sapiens family with sequence similarity 215, member A (non-protei

gi|223029496|ref|NR\_026771.1| Homo sapiens uncharacterized LOC26082 (DKFZP434L187), non-coding RN

gi|223029497|ref|NM\_198529.3| Homo sapiens EF-hand calcium binding domain 5 (EFCAB5), transcript var

gi|223029498|ref|NR\_026772.1| Homo sapiens chromosome 8 open reading frame 71 (C8orf71), non-codir

gi|223029501|ref|NR\_026773.1| Homo sapiens chromosome 6 open reading frame 123 (C6orf123), non-co

gi|223029508|ref|NM\_019063.3| Homo sapiens echinoderm microtubule associated protein like 4 (EML4),

gi|223029516|ref|NM\_001144899.1| Homo sapiens CD209 molecule (CD209), transcript variant 8, mRNA; g  
gi|223029518|ref|NM\_001145036.1| Homo sapiens component of oligomeric golgi complex 2 (COG2), tran  
gi|22325363|ref|NM\_018449.2| Homo sapiens ubiquitin associated protein 2 (UBAP2), mRNA;  
gi|22325386|ref|NM\_024907.5| Homo sapiens F-box protein 17 (FBXO17), transcript variant 2, mRNA; gi|2.  
gi|223278349|ref|NM\_001144910.1| Homo sapiens C-type lectin domain family 4, member M (CLEC4M), tr  
gi|223278354|ref|NM\_016262.4| Homo sapiens tubulin, epsilon 1 (TUBE1), mRNA;  
gi|223278355|ref|NM\_133445.2| Homo sapiens glutamate receptor, ionotropic, N-methyl-D-aspartate 3A (  
gi|223278358|ref|NR\_001558.3| Homo sapiens long intergenic non-protein coding RNA 261 (LINC00261), n  
gi|223278361|ref|NR\_026774.1| Homo sapiens long intergenic non-protein coding RNA 239 (LINC00239), n  
gi|223278364|ref|NR\_026776.1| Homo sapiens uncharacterized LOC100270746 (LOC100270746), non-codi  
gi|223278365|ref|NM\_001145112.1| Homo sapiens protein associated with topoisomerase II homolog 2 (y  
gi|223278367|ref|NM\_004210.4| Homo sapiens neuralized homolog (Drosophila) (NEURL), mRNA;  
gi|223278373|ref|NM\_014881.3| Homo sapiens DNA cross-link repair 1A (DCLRE1A), mRNA;  
gi|223278375|ref|NR\_026777.1| Homo sapiens zinc finger protein 37B, pseudogene (ZNF37BP), non-coding  
gi|223278376|ref|NM\_182519.2| Homo sapiens BPI fold containing family B, member 4 (BPIFB4), mRNA;  
gi|223278380|ref|NM\_001145114.1| Homo sapiens ribosomal RNA processing 12 homolog (S. cerevisiae) (I  
gi|223278382|ref|NM\_001010875.2| Homo sapiens solute carrier family 25, member 30 (SLC25A30), nucle  
gi|223278383|ref|NR\_026778.1| Homo sapiens HNRNPU antisense RNA 1 (non-protein coding) (HNRNPU-A  
gi|223278385|ref|NM\_182700.4| Homo sapiens Sp8 transcription factor (SP8), transcript variant 1, mRNA; i  
gi|223278386|ref|NM\_017422.4| Homo sapiens calmodulin-like 5 (CALML5), mRNA;  
gi|223278392|ref|NM\_001145115.1| Homo sapiens protein phosphatase 1, regulatory subunit 3G (PPP1R3  
gi|223278395|ref|NR\_003040.2| Homo sapiens ribosomal protein L23a pseudogene 64 (RPL23AP64), non-c  
gi|223278401|ref|NR\_026779.1| Homo sapiens long intergenic non-protein coding RNA 341 (LINC00341), n  
gi|223278402|ref|NM\_001145118.1| Homo sapiens glutamate receptor, ionotropic, delta 2 (Grid2) interact  
gi|223278404|ref|NR\_026780.1| Homo sapiens long intergenic non-protein coding RNA 574 (LINC00574), n  
gi|223278405|ref|NR\_026781.1| Homo sapiens long intergenic non-protein coding RNA 242 (LINC00242), n  
gi|223278406|ref|NM\_198469.2| Homo sapiens MORN repeat containing 5 (MORN5), mRNA;  
gi|223278411|ref|NR\_026782.1| Homo sapiens HEAT repeat containing 8 (HEATR8), transcript variant 2, no  
gi|223278412|ref|NM\_153267.4| Homo sapiens MAM domain containing 2 (MAMDC2), mRNA;  
gi|223278416|ref|NR\_026783.1| Homo sapiens blepharophimosis, epicanthus inversus and ptosis, candidat  
gi|223278417|ref|NR\_026784.1| Homo sapiens chromosome 6 open reading frame 164 (C6orf164), non-co  
gi|223278418|ref|NR\_026785.1| Homo sapiens chromosome 8 open reading frame 51 (C8orf51), non-codir  
gi|223453018|ref|NR\_026800.1| Homo sapiens KIAA0125 (KIAA0125), non-coding RNA;  
gi|223468561|ref|NR\_026807.1| Homo sapiens long intergenic non-protein coding RNA 472 (LINC00472), n  
gi|223468563|ref|NM\_001145144.1| Homo sapiens solute carrier family 1 (neutral amino acid transporter)  
gi|223468567|ref|NR\_026808.1| Homo sapiens ANP32A intronic transcript 1 (non-protein coding) (ANP32A  
gi|223468568|ref|NR\_026809.1| Homo sapiens family with sequence similarity 106, member A (FAM106A),  
gi|223468569|ref|NR\_026810.1| Homo sapiens family with sequence similarity 106, member C, pseudogen  
gi|223468570|ref|NM\_021134.3| Homo sapiens mitochondrial ribosomal protein L23 (MRPL23), nuclear ge  
gi|223468575|ref|NM\_145282.4| Homo sapiens solute carrier family 25, member 48 (SLC25A48), nuclear gi  
gi|223468578|ref|NR\_026811.1| Homo sapiens golgin subfamily A member 2-like (AGSK1), non-coding RNA  
gi|223468579|ref|NR\_026812.1| Homo sapiens RUNX1 intronic transcript 1 (non-protein coding) (RUNX1-IT  
gi|223468580|ref|NR\_026813.1| Homo sapiens chromosome 15 open reading frame 5 (C15orf5), non-codir  
gi|223468581|ref|NR\_026814.1| Homo sapiens chromosome 8 open reading frame 12 (C8orf12), non-codir  
gi|223468582|ref|NR\_026815.1| Homo sapiens transmembrane protein 191A (TMEM191A), non-coding RN  
gi|223468596|ref|NM\_001145000.1| Homo sapiens integrin, alpha V (vitronectin receptor, alpha polypepti  
gi|223468598|ref|NM\_033029.3| Homo sapiens leishmanolysin-like (metallopeptidase M8 family) (LMLN), i

gi|223468601|ref|NM\_001145121.1| Homo sapiens t-complex 10-like 2 (mouse) (TCP10L2), mRNA;

gi|223468605|ref|NR\_026788.1| Homo sapiens family with sequence similarity 66, member C (FAM66C), nc

gi|223468606|ref|NR\_026789.1| Homo sapiens family with sequence similarity 66, member A (FAM66A), nc

gi|223468607|ref|NM\_001145122.1| Homo sapiens calpain 14 (CAPN14), mRNA;

gi|223468614|ref|NM\_015135.2| Homo sapiens nucleoporin 205kDa (NUP205), mRNA;

gi|223468616|ref|NM\_001145124.1| Homo sapiens family with sequence similarity 75, member C1 (FAM75C1), nc

gi|223468618|ref|NR\_026790.1| Homo sapiens HLA complex group 11 (HCG11), non-coding RNA;

gi|223468621|ref|NM\_001145125.1| Homo sapiens makorin ring finger protein 1 (MKRN1), transcript varia

gi|223468623|ref|NR\_026791.1| Homo sapiens HLA complex group 27 (non-protein coding) (HCG27), non-c

gi|223468628|ref|NM\_032681.3| Homo sapiens SPRY domain containing 5 (SPRYD5), mRNA;

gi|223468629|ref|NM\_001145079.1| Homo sapiens component of oligomeric golgi complex 6 (COG6), tran

gi|223468633|ref|NM\_001145127.1| Homo sapiens envoplakin-like (EVPLL), mRNA;

gi|223468635|ref|NR\_026792.1| Homo sapiens makorin ring finger protein 1 pseudogene (LOC441455), noi

gi|223468636|ref|NR\_026793.1| Homo sapiens long intergenic non-protein coding RNA 264 (LINC00264), n

gi|223468639|ref|NR\_026794.1| Homo sapiens uncharacterized LOC731789 (LOC731789), non-coding RNA;

gi|223468642|ref|NR\_026795.1| Homo sapiens long intergenic non-protein coding RNA 202 (LINC00202), n

gi|223468644|ref|NR\_026797.1| Homo sapiens long intergenic non-protein coding RNA 520 (LINC00520), tr

gi|223468650|ref|NM\_006333.3| Homo sapiens C1D nuclear receptor corepressor (C1D), transcript variant

gi|223468658|ref|NM\_015483.2| Homo sapiens kelch repeat and BTB (POZ) domain containing 2 (KBTBD2),

gi|223468660|ref|NR\_026799.1| Homo sapiens SH3-domain GRB2-like 3 (SH3GL3), transcript variant 2, non

gi|223468662|ref|NM\_020299.4| Homo sapiens aldo-keto reductase family 1, member B10 (aldose reducta

gi|223468664|ref|NM\_001145132.1| Homo sapiens chromosome 5 open reading frame 52 (C5orf52), mRN

gi|223468677|ref|NM\_001145137.1| Homo sapiens carnitine palmitoyltransferase 1B (muscle) (CPT1B), nu

gi|223468679|ref|NR\_026801.1| Homo sapiens family with sequence similarity 74, member A3 (FAM74A3),

gi|223468682|ref|NR\_026802.1| Homo sapiens family with sequence similarity 74, member A4 (FAM74A4),

gi|223468683|ref|NR\_026803.1| Homo sapiens family with sequence similarity 74, member A1 (FAM74A1),

gi|223468686|ref|NM\_032334.2| Homo sapiens UTP23, small subunit (SSU) processome component, homo

gi|223468689|ref|NM\_001145139.1| Homo sapiens chromosome X open reading frame 49B (CXorf49B), ml

gi|223468692|ref|NM\_001145140.1| Homo sapiens chromosome X open reading frame 49 (CXorf49), mRN

gi|223468694|ref|NM\_152412.2| Homo sapiens zinc finger protein 572 (ZNF572), mRNA;

gi|223468700|ref|NR\_026804.1| Homo sapiens uncharacterized FLJ13197 (FLJ13197), non-coding RNA;

gi|223468702|ref|NR\_026805.1| Homo sapiens long intergenic non-protein coding RNA 271 (LINC00271), n

gi|223468703|ref|NR\_026806.1| Homo sapiens uncharacterized LOC79857 (FLJ13224), non-coding RNA;

gi|223468706|ref|NM\_000327.3| Homo sapiens retinal outer segment membrane protein 1 (ROM1), mRNA

gi|223555916|ref|NM\_178812.3| Homo sapiens metadherin (MTDH), mRNA;

gi|223555918|ref|NM\_152415.2| Homo sapiens vacuolar protein sorting 37 homolog A (S. cerevisiae) (VPS37A), nc

gi|223555922|ref|NR\_026816.1| Homo sapiens psoriasis susceptibility 1 candidate 3 (non-protein coding) (I

gi|223555925|ref|NM\_001145153.1| Homo sapiens transmembrane protein 71 (TMEM71), transcript varia

gi|223555929|ref|NR\_026817.1| Homo sapiens uncharacterized LOC148696 (LOC148696), non-coding RNA;

gi|223555930|ref|NR\_026818.1| Homo sapiens family with sequence similarity 138, member A (FAM138A),

gi|223555931|ref|NR\_026819.1| Homo sapiens family with sequence similarity 138, member E (FAM138E),

gi|223555936|ref|NR\_026820.1| Homo sapiens family with sequence similarity 138, member F (FAM138F),

gi|223555937|ref|NR\_026821.1| Homo sapiens family with sequence similarity 138, member B (FAM138B),

gi|223555938|ref|NR\_026822.1| Homo sapiens family with sequence similarity 138, member C (FAM138C),

gi|223555939|ref|NR\_002931.2| Homo sapiens C-type lectin domain family 4, member G pseudogene 1 (CL

gi|223555940|ref|NR\_026823.1| Homo sapiens family with sequence similarity 138, member D (FAM138D),

gi|223555943|ref|NR\_026824.1| Homo sapiens pregnancy specific beta-1-glycoprotein 10, pseudogene (PS

gi|223555944|ref|NR\_026825.1| Homo sapiens ribosomal protein SA pseudogene 52 (RPSAP52), non-coding  
 gi|223555952|ref|NM\_001145157.1| Homo sapiens nuclear receptor subfamily 2, group F, member 2 (NR2F1), mRNA;  
 gi|223555954|ref|NM\_024094.2| Homo sapiens defective in sister chromatid cohesion 1 homolog (S. cerevisiae) (HSC1), mRNA;  
 gi|223555957|ref|NM\_001008495.3| Homo sapiens transmembrane protein 64 (TMEM64), transcript variant 1, mRNA;  
 gi|223555964|ref|NM\_139073.3| Homo sapiens spermatogenesis associated 3 (SPATA3), mRNA;  
 gi|223555972|ref|NR\_026827.1| Homo sapiens uncharacterized LOC84856 (LOC84856), non-coding RNA;  
 gi|223555974|ref|NM\_001145160.1| Homo sapiens tropomyosin 4 (TPM4), transcript variant 1, mRNA; gi|223555976|ref|NR\_026828.1| Homo sapiens uncharacterized LOC126536 (LOC126536), non-coding RNA;  
 gi|223555977|ref|NR\_026829.1| Homo sapiens ghrelin opposite strand RNA 2 (non-protein coding) (GHRLOS2), non-coding RNA;  
 gi|223555984|ref|NM\_003635.3| Homo sapiens N-deacetylase/N-sulfotransferase (heparan glucosaminyl) (HGSNAT), mRNA;  
 gi|223555985|ref|NR\_026830.1| Homo sapiens uncharacterized LOC150538 (FLJ32063), non-coding RNA;  
 gi|223555988|ref|NM\_016010.2| Homo sapiens zinc finger, C2HC-type containing 1A (ZC2HC1A), mRNA;  
 gi|223555990|ref|NR\_026832.1| Homo sapiens uncharacterized LOC150622 (LOC150622), non-coding RNA;  
 gi|223555993|ref|NR\_026833.1| Homo sapiens uncharacterized LOC400940 (LOC400940), non-coding RNA;  
 gi|223555994|ref|NR\_026834.1| Homo sapiens uncharacterized LOC152024 (LOC152024), non-coding RNA;  
 gi|223555996|ref|NR\_026835.1| Homo sapiens tigger transposable element derived 2 pseudogene (FLJ37212), non-coding RNA;  
 gi|223556000|ref|NR\_026837.1| Homo sapiens uncharacterized LOC283392 (LOC283392), transcript variant 1, mRNA;  
 gi|223556001|ref|NR\_026838.1| Homo sapiens Down syndrome critical region gene 8 (DSCR8), transcript variant 1, mRNA;  
 gi|223556007|ref|NM\_001145166.1| Homo sapiens protein arginine methyltransferase 3 (PRMT3), transcript variant 1, mRNA;  
 gi|223556016|ref|NR\_026844.1| Homo sapiens ankyrin repeat domain 36B pseudogene 1 (ANKRD36BP1), non-coding RNA;  
 gi|223556017|ref|NR\_026845.1| Homo sapiens chromosome 21 open reading frame 119 (C21orf119), non-coding RNA;  
 gi|223633880|ref|NM\_031433.2| Homo sapiens membrane frizzled-related protein (MFRP), mRNA;  
 gi|223633881|ref|NM\_015645.3| Homo sapiens C1q and tumor necrosis factor related protein 5 (C1QTNF5), mRNA;  
 gi|223633882|ref|NM\_031304.4| Homo sapiens deoxyhypusine hydroxylase/monooxygenase (DOHH), transcript variant 1, mRNA;  
 gi|223633889|ref|NM\_001145176.1| Homo sapiens shisa homolog 7 (Xenopus laevis) (SHISA7), mRNA;  
 gi|223633914|ref|NM\_014357.4| Homo sapiens late cornified envelope 2B (LCE2B), mRNA;  
 gi|223633915|ref|NR\_026846.1| Homo sapiens anaphase promoting complex subunit 1 pseudogene (LOC283391), non-coding RNA;  
 gi|223633918|ref|NM\_001145191.1| Homo sapiens family with sequence similarity 200, member B (FAM208B), mRNA;  
 gi|223633920|ref|NR\_026847.1| Homo sapiens uncharacterized LOC286359 (LOC286359), non-coding RNA;  
 gi|223633926|ref|NM\_001145194.1| Homo sapiens chromosome 18 open reading frame 42 (C18orf42), mRNA;  
 gi|223633928|ref|NR\_026849.1| Homo sapiens long intergenic non-protein coding RNA 526 (LINC00526), non-coding RNA;  
 gi|223633933|ref|NR\_026850.1| Homo sapiens myotubularin related protein 9-like, pseudogene (MTMR9L), non-coding RNA;  
 gi|223633934|ref|NM\_153256.3| Homo sapiens chromosome 10 open reading frame 47 (C10orf47), mRNA;  
 gi|223633938|ref|NM\_001145195.1| Homo sapiens solute carrier family 39 (zinc transporter), member 12 (SLC39A12), mRNA;  
 gi|223633940|ref|NM\_001145196.1| Homo sapiens family with sequence similarity 75, member A6 (FAM75A), mRNA;  
 gi|223633942|ref|NR\_026851.1| Homo sapiens family with sequence similarity 75, member D5, pseudogene (FAM75D5), non-coding RNA;  
 gi|223633943|ref|NM\_207416.2| Homo sapiens family with sequence similarity 75, member D3 (FAM75D3), mRNA;  
 gi|223633945|ref|NM\_001001670.2| Homo sapiens family with sequence similarity 75, member D1 (FAM75D1), mRNA;  
 gi|223633946|ref|NM\_153367.3| Homo sapiens zinc finger, CCHC domain containing 24 (ZCCHC24), mRNA;  
 gi|223633948|ref|NR\_026852.1| Homo sapiens long intergenic non-protein coding RNA 442 (LINC00442), non-coding RNA;  
 gi|223633951|ref|NM\_001145199.1| Homo sapiens chromosome 12 open reading frame 75 (C12orf75), mRNA;  
 gi|223633955|ref|NM\_001004330.2| Homo sapiens pleckstrin homology domain containing, family G (with pleckstrin homology domain) (PHG), non-coding RNA;  
 gi|223633958|ref|NM\_145202.4| Homo sapiens proline-rich acidic protein 1 (PRAP1), transcript variant 1, mRNA;  
 gi|223633963|ref|NM\_203400.3| Homo sapiens reprimin-like (RPRML), mRNA;  
 gi|223633964|ref|NM\_006093.3| Homo sapiens proteoglycan 3 (PRG3), mRNA;  
 gi|223633969|ref|NR\_026854.1| Homo sapiens WD repeat domain 5 pseudogene (LOC401127), non-coding RNA;  
 gi|223633970|ref|NM\_016540.3| Homo sapiens G protein-coupled receptor 83 (GPR83), mRNA;

gi|223633973|ref|NR\_026856.1| Homo sapiens uncharacterized LOC401232 (DKFZP686I15217), transcript v

gi|223633985|ref|NM\_003967.2| Homo sapiens trace amine associated receptor 5 (TAAR5), mRNA;

gi|223633987|ref|NM\_001145206.1| Homo sapiens KIAA1671 (KIAA1671), mRNA; gi|239747179|ref|XM\_(

gi|223633989|ref|NR\_026857.1| Homo sapiens uncharacterized LOC440465 (FLJ90757), non-coding RNA;

gi|223633990|ref|NM\_004666.2| Homo sapiens vanin 1 (VNN1), mRNA;

gi|223633992|ref|NR\_026858.1| Homo sapiens unc-51-like kinase 4 (C. elegans) pseudogene 1 (ULK4P1), nc

gi|223633993|ref|NR\_026859.1| Homo sapiens unc-51-like kinase 4 (C. elegans) pseudogene 3 (ULK4P3), nc

gi|223633994|ref|NM\_001145207.1| Homo sapiens HBS1-like (S. cerevisiae) (HBS1L), transcript variant 3, n

gi|223633996|ref|NM\_001145208.1| Homo sapiens DEP domain containing 1B (DEPDC1B), transcript variar

gi|223634003|ref|NR\_026860.1| Homo sapiens long intergenic non-protein coding RNA 473 (LINC00473), tr

gi|223634007|ref|NR\_026862.1| Homo sapiens protein phosphatase 1, regulatory subunit 3E (PPP1R3E), nc

gi|223634008|ref|NR\_026863.1| Homo sapiens long intergenic non-protein coding RNA 313 (LINC00313), n

gi|223634009|ref|NR\_026864.1| Homo sapiens protease, serine, 30 homolog (mouse), pseudogene (PRSS3I

gi|223634015|ref|NR\_026865.1| Homo sapiens chromosome 7 open reading frame 13 (C7orf13), non-codir

gi|223634017|ref|NR\_026866.1| Homo sapiens chromosome 3 open reading frame 49 (C3orf49), non-codir

gi|223634018|ref|NR\_026867.1| Homo sapiens zinc finger protein 300 pseudogene 1 (ZNF300P1), non-codi

gi|223634019|ref|NR\_026868.1| Homo sapiens ankyrin repeat domain 19, pseudogene (ANKRD19P), non-c

gi|223634020|ref|NR\_026869.1| Homo sapiens long intergenic non-protein coding RNA 52 (LINC00052), no

gi|223634474|ref|NM\_001145224.1| Homo sapiens golgin A6 family, member D (GOLGA6D), mRNA;

gi|223636313|ref|NR\_026870.1| Homo sapiens lectin, galactoside-binding, soluble, 14 pseudogene (LOC100

gi|223646108|ref|NM\_001145248.1| Homo sapiens family with sequence similarity 157, member A (FAM15

gi|223646110|ref|NM\_001145249.1| Homo sapiens family with sequence similarity 157, member B (FAM15

gi|223646112|ref|NM\_001145250.1| Homo sapiens Sp9 transcription factor homolog (mouse) (SP9), mRNA

gi|223671855|ref|NM\_001144995.1| Homo sapiens coiled-coil domain containing 85C (CCDC85C), mRNA;

gi|223671857|ref|NM\_001145197.1| Homo sapiens family with sequence similarity 75, member D4 (FAM7

gi|223671862|ref|NM\_002621.2| Homo sapiens complement factor properdin (CFP), transcript variant 1, m

gi|223671879|ref|NM\_181846.2| Homo sapiens zinc finger and SCAN domain containing 22 (ZSCAN22), mR

gi|223671881|ref|NM\_016123.3| Homo sapiens interleukin-1 receptor-associated kinase 4 (IRAK4), transcri

gi|223671892|ref|NM\_000266.3| Homo sapiens Norrie disease (pseudoglioma) (NDP), mRNA;

gi|223671895|ref|NR\_002809.2| Homo sapiens uncharacterized LOC338799 (LOC338799), non-coding RNA

gi|223671896|ref|NM\_002602.3| Homo sapiens phosphodiesterase 6G, cGMP-specific, rod, gamma (PDE6G

gi|223671900|ref|NM\_000313.3| Homo sapiens protein S (alpha) (PROS1), mRNA;

gi|223671902|ref|NR\_026873.1| Homo sapiens long intergenic non-protein coding RNA 174 (LINC00174), n

gi|223671903|ref|NM\_014017.3| Homo sapiens late endosomal/lysosomal adaptor, MAPK and MTOR activ

gi|223671918|ref|NM\_001145266.1| Homo sapiens solute carrier family 35, member C1 (SLC35C1), transcr

gi|223671934|ref|NM\_004972.3| Homo sapiens Janus kinase 2 (JAK2), mRNA;

gi|223671935|ref|NM\_002523.2| Homo sapiens neuronal pentraxin II (NPTX2), mRNA;

gi|223671938|ref|NM\_203487.2| Homo sapiens protocadherin 9 (PCDH9), transcript variant 1, mRNA; gi|2:

gi|223671939|ref|NR\_026874.1| Homo sapiens uncharacterized LOC100130417 (LOC100130417), non-codi

gi|223717953|ref|NR\_026875.1| Homo sapiens neuralized homolog 3 (Drosophila) pseudogene (NEURL3), r

gi|223717962|ref|NR\_026880.1| Homo sapiens uncharacterized protein MGC12916 (MGC12916), non-codi

gi|223717963|ref|NM\_004382.4| Homo sapiens corticotropin releasing hormone receptor 1 (CRHR1), trans

gi|223717972|ref|NM\_001145276.1| Homo sapiens zinc finger protein, Y-linked (ZFY), transcript variant 3, r

gi|223717976|ref|NM\_198277.2| Homo sapiens solute carrier family 37 (glycerol-3-phosphate transporter)

gi|223717986|ref|NM\_183353.2| Homo sapiens ring finger protein, LIM domain interacting (RLIM), transcri

gi|223717996|ref|NM\_144499.2| Homo sapiens guanine nucleotide binding protein (G protein), alpha trans

gi|223718002|ref|NM\_145276.2| Homo sapiens zinc finger protein 563 (ZNF563), mRNA;

gi|223718008|ref|NR\_026881.1| Homo sapiens p53-responsive gene 1 (PRG1), non-coding RNA;

gi|223718020|ref|NR\_026876.1| Homo sapiens six-twelve leukemia (STL), non-coding RNA;

gi|223718030|ref|NM\_177533.3| Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif

gi|223718033|ref|NM\_000283.3| Homo sapiens phosphodiesterase 6B, cGMP-specific, rod, beta (PDE6B), t

gi|223718034|ref|NR\_026877.1| Homo sapiens uncharacterized protein MGC2889 (MGC2889), non-coding

gi|223718065|ref|NM\_001145281.1| Homo sapiens opioid receptor, mu 1 (OPRM1), transcript variant MO

gi|223718073|ref|NM\_000413.2| Homo sapiens hydroxysteroid (17-beta) dehydrogenase 1 (HSD17B1), mR

gi|223718079|ref|NM\_001145303.1| Homo sapiens transmembrane channel-like 4 (TMC4), transcript varia

gi|223718083|ref|NR\_026882.1| Homo sapiens uncharacterized LOC26070 (DKFZP434K028), non-coding RN

gi|223718096|ref|NM\_005015.3| Homo sapiens oxidase (cytochrome c) assembly 1-like (OXA1L), nuclear g

gi|223718105|ref|NM\_001724.4| Homo sapiens 2,3-bisphosphoglycerate mutase (BPGM), transcript varian

gi|223718115|ref|NM\_002635.3| Homo sapiens solute carrier family 25 (mitochondrial carrier; phosphate c

gi|223718125|ref|NR\_026884.1| Homo sapiens uncharacterized LOC29075 (HSPC072), transcript variant 2,

gi|223718128|ref|NR\_026885.1| Homo sapiens uncharacterized LOC100270804 (LOC100270804), non-codi

gi|223718133|ref|NM\_001145306.1| Homo sapiens cyclin-dependent kinase 6 (CDK6), transcript variant 2,

gi|223718142|ref|NM\_173054.2| Homo sapiens reelin (RELN), transcript variant 2, mRNA; gi|223718138|re

gi|223718173|ref|NM\_000415.2| Homo sapiens islet amyloid polypeptide (IAPP), mRNA;

gi|223718177|ref|NR\_026887.1| Homo sapiens uncharacterized LOC80054 (LOC80054), non-coding RNA;

gi|223718191|ref|NR\_026889.1| Homo sapiens uncharacterized LOC26077 (DKFZP434H168), non-coding R

gi|223718195|ref|NM\_002666.4| Homo sapiens perilipin 1 (PLIN1), transcript variant 1, mRNA; gi|2237182

gi|223718206|ref|NM\_001145312.1| Homo sapiens ets variant 3 (ETV3), transcript variant 1, mRNA; gi|202

gi|223718214|ref|NM\_031919.3| Homo sapiens fibronectin type III and SPRY domain containing 1-like (FSD

gi|223718249|ref|NM\_001145319.1| Homo sapiens plastin 1 (PLS1), transcript variant 1, mRNA; gi|223718

gi|223718253|ref|NR\_026890.1| Homo sapiens ribosomal protein SA pseudogene 9 (RPSAP9), non-coding R

gi|223718259|ref|NM\_001145320.1| Homo sapiens ADAMTS-like 2 (ADAMTSL2), transcript variant 2, mRN

gi|223718264|ref|NR\_026891.1| Homo sapiens uncharacterized protein FLJ10038 (FLJ10038), non-coding R

gi|223718335|ref|NM\_139319.2| Homo sapiens solute carrier family 17 (sodium-dependent inorganic phos

gi|223718572|ref|NM\_001047434.2| Homo sapiens DPH3, KTI11 homolog (S. cerevisiae) (DPH3), transcript

gi|223718684|ref|NM\_014479.3| Homo sapiens ADAM-like, decysin 1 (ADAMDEC1), transcript variant 1, m

gi|223718696|ref|NR\_026878.1| Homo sapiens uncharacterized protein MGC12982 (MGC12982), non-codi

gi|223718698|ref|NR\_026879.1| Homo sapiens family with sequence similarity 185, member A (FAM185A),

gi|223890145|ref|NM\_182498.3| Homo sapiens zinc finger protein 428 (ZNF428), mRNA;

gi|223890152|ref|NM\_001145318.1| Homo sapiens DSN1, MIND kinetochore complex component, homolo

gi|223890184|ref|NM\_001145335.1| Homo sapiens ubiquitin-conjugating enzyme E2Q family member 2 (U

gi|223890188|ref|NR\_026892.1| Homo sapiens AFAP1 antisense RNA 1 (non-protein coding) (AFAP1-AS1),

gi|223890189|ref|NM\_000019.3| Homo sapiens acetyl-CoA acetyltransferase 1 (ACAT1), nuclear gene enco

gi|223890198|ref|NM\_005453.4| Homo sapiens zinc finger and BTB domain containing 22 (ZBTB22), transci

gi|223890209|ref|NM\_001145343.1| Homo sapiens zinc finger protein 566 (ZNF566), transcript variant 4, n

gi|223890217|ref|NM\_018664.2| Homo sapiens basic leucine zipper transcription factor, ATF-like 3 (BATF3)

gi|223890218|ref|NM\_001145346.1| Homo sapiens RNA binding motif protein, X-linked-like 3 (RBMXL3), m

gi|223890220|ref|NM\_025040.3| Homo sapiens zinc finger protein 614 (ZNF614), mRNA;

gi|223890221|ref|NM\_024327.2| Homo sapiens zinc finger protein 576 (ZNF576), transcript variant 1, mRN

gi|223890224|ref|NM\_002702.3| Homo sapiens POU class 6 homeobox 1 (POU6F1), transcript variant 1, m

gi|223890227|ref|NR\_026894.1| Homo sapiens uncharacterized LOC94023 (DKFZp566F0947), non-coding R

gi|223890229|ref|NM\_012082.3| Homo sapiens zinc finger protein, multitype 2 (ZFPM2), mRNA;

gi|223890233|ref|NM\_005897.2| Homo sapiens intracisternal A particle-promoted polypeptide (IPP), transi

gi|223890236|ref|NR\_026897.1| Homo sapiens uncharacterized protein MGC15885 (MGC15885), non-codi



gi|223890241|ref|NM\_017515.4| Homo sapiens solute carrier family 35, member F2 (SLC35F2), mRNA;

gi|223890242|ref|NM\_006013.3| Homo sapiens ribosomal protein L10 (RPL10), transcript variant 1, mRNA;

gi|223890247|ref|NM\_013255.4| Homo sapiens muskellin 1, intracellular mediator containing kelch motifs (

gi|223890249|ref|NR\_026900.1| Homo sapiens uncharacterized protein FLJ23867 (FLJ23867), non-coding R

gi|223890250|ref|NR\_026901.1| Homo sapiens mitogen-activated protein kinase 8 interacting protein 1 pse

gi|223890253|ref|NR\_026902.1| Homo sapiens uncharacterized protein MGC16142 (MGC16142), non-codi

gi|223890255|ref|NR\_026903.1| Homo sapiens archaealysin family metalloproteinase 2 pseudogene 1 (AMZ2

gi|223890258|ref|NM\_052817.2| Homo sapiens midline 2 (MID2), transcript variant 2, mRNA; gi|22389025

gi|223890260|ref|NM\_007192.3| Homo sapiens suppressor of Ty 16 homolog (S. cerevisiae) (SUPT16H), mF

gi|223890262|ref|NR\_026904.1| Homo sapiens poly(A) binding protein, cytoplasmic 1 pseudogene 2 (PABP

gi|223890290|ref|NM\_005437.3| Homo sapiens nuclear receptor coactivator 4 (NCOA4), transcript variant

gi|223941769|ref|NR\_026905.1| Homo sapiens chromosome 17 open reading frame 69 (C17orf69), transcr

gi|223941778|ref|NM\_001145356.1| Homo sapiens COBW domain containing 1 (CBWD1), transcript varian

gi|223941787|ref|NM\_015477.2| Homo sapiens SIN3 transcription regulator homolog A (yeast) (SIN3A), tra

gi|223941793|ref|NM\_018297.3| Homo sapiens N-glycanase 1 (NGLY1), transcript variant 1, mRNA; gi|2239

gi|223941809|ref|NM\_181801.2| Homo sapiens ubiquitin-conjugating enzyme E2C (UBE2C), transcript varia

gi|223941815|ref|NR\_026908.1| Homo sapiens CHST9 antisense RNA 1 (non-protein coding) (CHST9-AS1), r

gi|223941819|ref|NM\_015107.2| Homo sapiens PHD finger protein 8 (PHF8), transcript variant 2, mRNA; gi

gi|223941821|ref|NM\_014342.3| Homo sapiens mitochondrial carrier 2 (MTCH2), nuclear gene encoding m

gi|223941825|ref|NR\_026909.1| Homo sapiens serine/threonine kinase 16 (STK16), transcript variant 2, no

gi|223941831|ref|NR\_026911.1| Homo sapiens ribosomal protein L21 pseudogene 28 (RPL21P28), non-cod

gi|223941843|ref|NM\_014897.2| Homo sapiens zinc finger protein 652 (ZNF652), transcript variant 2, mRN

gi|223941851|ref|NR\_026913.1| Homo sapiens uncharacterized LOC100133669 (LOC100133669), non-codi

gi|223941865|ref|NR\_026914.1| Homo sapiens uncharacterized protein MGC16275 (MGC16275), non-codi

gi|223941867|ref|NM\_005811.3| Homo sapiens growth differentiation factor 11 (GDF11), mRNA;

gi|223941869|ref|NR\_026915.1| Homo sapiens arylacetamide deacetylase (esterase) pseudogene (LOC201

gi|223941871|ref|NM\_017825.2| Homo sapiens ADP-ribosylhydrolase like 2 (ADPRHL2), nuclear gene encor

gi|223941873|ref|NR\_026916.1| Homo sapiens ankyrin repeat domain 30B pseudogene 2 (ANKRD30BP2), r

gi|223941878|ref|NM\_001145368.1| Homo sapiens protein tyrosine phosphatase, non-receptor type 3 (PTI

gi|223941895|ref|NR\_026919.1| Homo sapiens uncharacterized LOC150197 (LOC150197), non-coding RNA

gi|223941897|ref|NR\_026920.1| Homo sapiens MORC2 antisense RNA 1 (non-protein coding) (MORC2-AS1

gi|223941899|ref|NM\_014734.3| Homo sapiens KIAA0247 (KIAA0247), mRNA;

gi|223941902|ref|NR\_026921.1| Homo sapiens chromosome 5 open reading frame 25 pseudogene (LOC20

gi|223941903|ref|NM\_004950.4| Homo sapiens epiphykan (EPYC), mRNA;

gi|223941905|ref|NR\_026922.1| Homo sapiens sphingomyelin phosphodiesterase 4, neutral membrane (ne

gi|223941907|ref|NR\_026923.1| Homo sapiens TAR DNA binding protein pseudogene (LOC643387), non-co

gi|223941909|ref|NM\_000963.2| Homo sapiens prostaglandin-endoperoxide synthase 2 (prostaglandin G/H

gi|223941911|ref|NM\_032269.5| Homo sapiens coiled-coil domain containing 135 (CCDC135), mRNA;

gi|223941918|ref|NR\_026926.1| Homo sapiens uncharacterized LOC151174 (LOC151174), transcript varian

gi|223941920|ref|NR\_026927.1| Homo sapiens uncharacterized LOC115110 (LOC115110), non-coding RNA

gi|223941925|ref|NR\_026928.1| Homo sapiens uncharacterized CG030 (CG030), non-coding RNA;

gi|223941931|ref|NM\_172373.3| Homo sapiens E74-like factor 1 (ets domain transcription factor) (ELF1), ti

gi|223941934|ref|NR\_026929.1| Homo sapiens uncharacterized protein DKFZp434L192 (DKFZp434L192), n

gi|223941936|ref|NM\_016379.3| Homo sapiens variable charge, X-linked 3A (VCX3A), mRNA;

gi|223941944|ref|NM\_014587.3| Homo sapiens SRY (sex determining region Y)-box 8 (SOX8), mRNA;

gi|223941947|ref|NR\_026932.1| Homo sapiens uncharacterized LOC282997 (LOC282997), non-coding RNA

gi|223942017|ref|NM\_001145348.1| Homo sapiens lysine (K)-specific demethylase 8 (KDM8), transcript vai

gi|223942031|ref|NM\_001145277.1| Homo sapiens NECAP endocytosis associated 2 (NECAP2), transcript v

gi|223942044|ref|NM\_001145350.1| Homo sapiens chromosome 20 open reading frame 173 (C20orf173),

gi|223942068|ref|NM\_002772.2| Homo sapiens transmembrane protease, serine 15 (TMPRSS15), mRNA;

gi|223972609|ref|NR\_026954.1| Homo sapiens uncharacterized LOC90246 (LOC90246), non-coding RNA;

gi|223972611|ref|NM\_020825.3| Homo sapiens Crm, cramped-like (Drosophila) (CRAMP1L), mRNA;

gi|223972613|ref|NR\_026955.1| Homo sapiens long intergenic non-protein coding RNA 284 (LINC00284), n

gi|223972620|ref|NR\_026934.1| Homo sapiens uncharacterized LOC152225 (LOC152225), non-coding RNA,

gi|223972621|ref|NR\_026935.1| Homo sapiens uncharacterized LOC158696 (LOC158696), non-coding RNA,

gi|223972624|ref|NR\_026936.1| Homo sapiens chromosome 5 open reading frame 27 (C5orf27), non-codir

gi|223972625|ref|NM\_017897.2| Homo sapiens 3-oxoacyl-ACP synthase, mitochondrial (OXSM), nuclear ge

gi|223972635|ref|NM\_001145394.1| Homo sapiens tRNA splicing endonuclease 2 homolog (S. cerevisiae) ('

gi|223972641|ref|NR\_026940.1| Homo sapiens cancer susceptibility candidate 2 (non-protein coding) (CASI

gi|223972644|ref|NM\_145291.3| Homo sapiens zinc finger and BTB domain containing 49 (ZBTB49), mRNA,

gi|223972650|ref|NM\_153329.3| Homo sapiens aldehyde dehydrogenase 16 family, member A1 (ALDH16A

gi|223972655|ref|NR\_026943.1| Homo sapiens uncharacterized LOC642852 (LOC642852), non-coding RNA,

gi|223972658|ref|NR\_026945.1| Homo sapiens uncharacterized LOC257358 (LOC257358), non-coding RNA,

gi|223972660|ref|NM\_173480.2| Homo sapiens zinc finger protein 57 (ZNF57), mRNA;

gi|223972672|ref|NR\_026946.1| Homo sapiens long intergenic non-protein coding RNA 301 (LINC00301), n

gi|223972673|ref|NR\_026947.1| Homo sapiens uncharacterized LOC283314 (MATL2963), non-coding RNA;

gi|223972674|ref|NM\_000025.2| Homo sapiens adrenergic, beta-3-, receptor (ADRB3), mRNA;

gi|223972675|ref|NR\_026948.1| Homo sapiens uncharacterized LOC283332 (LOC283332), non-coding RNA,

gi|223972676|ref|NM\_152435.2| Homo sapiens amidohydrolase domain containing 1 (AMDHD1), mRNA;

gi|223972678|ref|NR\_026949.1| Homo sapiens long intergenic non-protein coding RNA 277 (LINC00277), n

gi|223972680|ref|NM\_001584.2| Homo sapiens metallophosphoesterase domain containing 2 (MPPED2), t

gi|223972681|ref|NR\_026950.1| Homo sapiens pyruvate dehydrogenase phosphatase regulatory subunit p:

gi|223972684|ref|NM\_178827.4| Homo sapiens IQ motif and ubiquitin domain containing (IQUB), mRNA;

gi|223972686|ref|NR\_026951.1| Homo sapiens long intergenic non-protein coding RNA 324 (LINC00324), n

gi|223972689|ref|NM\_001145400.1| Homo sapiens adenosine deaminase domain containing 2 (ADAD2), tr

gi|223972703|ref|NM\_001145402.1| Homo sapiens family with sequence similarity 71, member E2 (FAM71

gi|224028217|ref|NM\_001099269.2| Homo sapiens zinc finger protein 506 (ZNF506), transcript variant 1, n

gi|224028222|ref|NR\_026956.1| Homo sapiens uncharacterized LOC284440 (LOC284440), non-coding RNA,

gi|224028224|ref|NR\_026957.1| Homo sapiens uncharacterized LOC284688 (LOC284688), non-coding RNA,

gi|224028227|ref|NR\_026958.1| Homo sapiens long intergenic non-protein coding RNA 494 (LINC00494), n

gi|224028233|ref|NR\_026960.1| Homo sapiens long intergenic non-protein coding RNA 319 (LINC00319), n

gi|224028235|ref|NR\_026961.1| Homo sapiens uncharacterized LOC284837 (LOC284837), non-coding RNA,

gi|224028239|ref|NR\_026962.1| Homo sapiens TTC28 antisense RNA 1 (non-protein coding) (TTC28-AS1), t

gi|224028243|ref|NM\_001145408.1| Homo sapiens non-POU domain containing, octamer-binding (NONO),

gi|224028252|ref|NR\_026965.1| Homo sapiens methyltransferase like 21C pseudogene 1 (METTL21CP1), n

gi|224028253|ref|NR\_026966.1| Homo sapiens uncharacterized LOC100130691 (LOC100130691), non-codi

gi|224028260|ref|NR\_026967.1| Homo sapiens uncharacterized LOC143666 (LOC143666), non-coding RNA,

gi|224028263|ref|NR\_026968.1| Homo sapiens uncharacterized LOC285456 (LOC285456), non-coding RNA,

gi|224028264|ref|NR\_026969.1| Homo sapiens long intergenic non-protein coding RNA 326 (LINC00326), n

gi|224028265|ref|NR\_026970.1| Homo sapiens LY86 antisense RNA 1 (non-protein coding) (LY86-AS1), non

gi|224028266|ref|NR\_026971.1| Homo sapiens uncharacterized LOC144571 (LOC144571), non-coding RNA,

gi|224028267|ref|NR\_026972.1| Homo sapiens HLA-F antisense RNA 1 (non-protein coding) (HLA-F-AS1), tr

gi|224028269|ref|NR\_026974.1| Homo sapiens chromosome 8 open reading frame 77 (C8orf77), non-codir

gi|224028270|ref|NM\_001145414.1| Homo sapiens choroideremia (Rab escort protein 1) (CHM), transcript

gi|224028272|ref|NR\_026975.1| Homo sapiens family with sequence similarity 195, member A pseudogene

gi|224028276|ref|NM\_198536.2| Homo sapiens transmembrane protein 205 (TMEM205), transcript variant

gi|224028282|ref|NR\_026979.1| Homo sapiens uncharacterized LOC145837 (LOC145837), non-coding RNA

gi|224028283|ref|NM\_001145417.1| Homo sapiens male-specific lethal 2 homolog (Drosophila) (MSL2), tra

gi|224028285|ref|NR\_026980.1| Homo sapiens FSHD region gene 2 family, member C pseudogene (LOC146

gi|224028286|ref|NR\_026981.1| Homo sapiens ribosomal protein L23a pseudogene 82 (RPL23AP82), trans

gi|224028288|ref|NM\_001145418.1| Homo sapiens tetratricopeptide repeat domain 28 (TTC28), mRNA;

gi|224177468|ref|NM\_012432.3| Homo sapiens SET domain, bifurcated 1 (SETDB1), transcript variant 2, m

gi|224177471|ref|NR\_026983.1| Homo sapiens basic transcription factor 3 pseudogene 11 (BTF3P11), non-

gi|224177484|ref|NR\_026984.1| Homo sapiens uncharacterized LOC90784 (LOC90784), non-coding RNA;

gi|224177488|ref|NR\_026988.1| Homo sapiens uncharacterized LOC339524 (LOC339524), transcript varian

gi|224177492|ref|NM\_001145425.1| Homo sapiens nuclear receptor subfamily 1, group D, member 2 (NR1

gi|224177496|ref|NR\_026991.1| Homo sapiens H1FX antisense RNA 1 (non-protein coding) (H1FX-AS1), nor

gi|224177497|ref|NR\_026992.1| Homo sapiens uncharacterized LOC340017 (LOC340017), non-coding RNA

gi|224177498|ref|NR\_026993.1| Homo sapiens uncharacterized protein BC001742 (LOC90834), non-coding

gi|224177499|ref|NR\_026994.1| Homo sapiens uncharacterized LOC340094 (LOC340094), non-coding RNA

gi|224177500|ref|NR\_026995.1| Homo sapiens uncharacterized LOC91149 (LOC91149), non-coding RNA;

gi|224177501|ref|NM\_019612.3| Homo sapiens immunity-related GTPase family, cinema (IRGC), mRNA;

gi|224177503|ref|NR\_026997.1| Homo sapiens chromosome 22 open reading frame 34 (C22orf34), non-co

gi|224177504|ref|NR\_026998.1| Homo sapiens uncharacterized LOC91450 (LOC91450), non-coding RNA;

gi|224177505|ref|NR\_024497.2| Homo sapiens uncharacterized LOC399744 (LOC399744), non-coding RNA

gi|224177506|ref|NR\_026999.1| Homo sapiens long intergenic non-protein coding RNA 265 (LINC00265), n

gi|224177507|ref|NR\_027000.1| Homo sapiens uncharacterized LOC349196 (LOC349196), non-coding RNA

gi|224177509|ref|NR\_027002.1| Homo sapiens uncharacterized LOC388692 (LOC388692), non-coding RNA

gi|224177512|ref|NM\_000409.3| Homo sapiens guanylate cyclase activator 1A (retina) (GUCA1A), mRNA;

gi|224177519|ref|NR\_027003.1| Homo sapiens uncharacterized LOC93429 (DKFZp434J0226), non-coding R

gi|224177522|ref|NR\_027004.1| Homo sapiens FAM181A antisense RNA 1 (non-protein coding) (FAM181A-

gi|224177527|ref|NM\_001145432.1| Homo sapiens chromosome 4 open reading frame 52 (C4orf52), mRN

gi|224177532|ref|NM\_001145434.1| Homo sapiens zinc finger protein 880 (ZNF880), mRNA;

gi|224177539|ref|NR\_027005.1| Homo sapiens chromosome 6 open reading frame 147 (C6orf147), non-co

gi|224177541|ref|NR\_027006.1| Homo sapiens chromosome 14 open reading frame 166B pseudogene (LO

gi|224177543|ref|NR\_027007.1| Homo sapiens uncharacterized LOC440944 (LOC440944), non-coding RNA

gi|224177551|ref|NR\_027012.1| Homo sapiens long intergenic non-protein coding RNA 293 (LINC00293), tr

gi|224177557|ref|NM\_001145437.1| Homo sapiens lanosterol synthase (2,3-oxidosqualene-lanosterol cycl

gi|224282118|ref|NM\_001017392.3| Homo sapiens SURP and G patch domain containing 2 (SUGP2), transc

gi|224282124|ref|NM\_001145441.1| Homo sapiens tRNA-yW synthesizing protein 1 homolog B (S. cerevisia

gi|224282130|ref|NM\_005626.4| Homo sapiens serine/arginine-rich splicing factor 4 (SRSF4), mRNA;

gi|224282131|ref|NR\_027019.1| Homo sapiens ankyrin repeat domain 30B-like (ANKRD30BL), transcript va

gi|224282133|ref|NR\_027021.1| Homo sapiens GRIK1 antisense RNA 1 (non-protein coding) (GRIK1-AS1), n

gi|224282134|ref|NR\_027022.1| Homo sapiens uncharacterized LOC127841 (LOC127841), non-coding RNA

gi|224282136|ref|NR\_027023.1| Homo sapiens uncharacterized LOC645676 (LOC645676), non-coding RNA

gi|224282137|ref|NR\_027024.1| Homo sapiens golgin A6 family, member A pseudogene (LOC645752), non

gi|224282138|ref|NR\_027025.1| Homo sapiens mouse mammary tumor virus receptor homolog 2 (MTVR2)

gi|224282139|ref|NR\_003660.2| Homo sapiens glucuronidase, beta pseudogene 4 (GUSBP4), non-coding R

gi|224282143|ref|NR\_027026.1| Homo sapiens glucuronidase, beta pseudogene 1 (GUSBP1), transcript vari

gi|224282146|ref|NM\_001145442.1| Homo sapiens POTE ankyrin domain family, member M (POTEM), mR

gi|224282148|ref|NM\_001145443.1| Homo sapiens 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase

gi|224282152|ref|NM\_015305.3| Homo sapiens angel homolog 1 (Drosophila) (ANGEL1), mRNA;

gi|224282157|ref|NM\_198088.2| Homo sapiens zinc finger protein 200 (ZNF200), transcript variant 2, mRNA

gi|224282158|ref|NM\_018411.4| Homo sapiens hairless homolog (mouse) (HR), transcript variant 2, mRNA

gi|224282169|ref|NM\_001145450.1| Homo sapiens MORN repeat containing 2 (MORN2), mRNA;

gi|224282171|ref|NM\_005264.4| Homo sapiens GDNF family receptor alpha 1 (GFRA1), transcript variant 1

gi|224282180|ref|NR\_027030.1| Homo sapiens uncharacterized protein MGC34034 (MGC34034), non-codi

gi|224282181|ref|NM\_153442.3| Homo sapiens G protein-coupled receptor 26 (GPR26), mRNA;

gi|224450998|ref|NR\_027032.1| Homo sapiens uncharacterized LOC100130776 (LOC100130776), non-codi

gi|224450999|ref|NR\_027033.1| Homo sapiens MIRLET7B host gene (non-protein coding) (MIRLET7BHG), n

gi|224451004|ref|NR\_027034.1| Homo sapiens uncharacterized LOC150381 (LOC150381), non-coding RNA,

gi|224451005|ref|NR\_027035.1| Homo sapiens uncharacterized LOC144486 (LOC144486), non-coding RNA,

gi|224451006|ref|NR\_027036.1| Homo sapiens uncharacterized LOC100271722 (LOC100271722), non-codi

gi|224451007|ref|NR\_027037.1| Homo sapiens uncharacterized LOC401093 (LOC401093), transcript varian

gi|224451009|ref|NR\_027039.1| Homo sapiens long intergenic non-protein coding RNA 410 (LINC00410), n

gi|224451010|ref|NR\_027040.1| Homo sapiens uncharacterized LOC401431 (LOC401431), non-coding RNA,

gi|224451011|ref|NR\_027042.1| Homo sapiens myelodysplastic syndrome 2 translocation associated (MDS

gi|224451012|ref|NM\_020661.2| Homo sapiens activation-induced cytidine deaminase (AICDA), mRNA;

gi|224451015|ref|NR\_027044.1| Homo sapiens glutamate receptor, metabotropic 5 pseudogene (LOC4400

gi|224451016|ref|NM\_001012414.2| Homo sapiens tripartite motif containing 61 (TRIM61), mRNA;

gi|224451022|ref|NM\_001145459.1| Homo sapiens HOP homeobox (HOPX), transcript variant 4, mRNA; gi|

gi|224451026|ref|NM\_001039672.2| Homo sapiens Yip1 interacting factor homolog B (S. cerevisiae) (YIF1B

gi|224451029|ref|NM\_025249.3| Homo sapiens KIAA1683 (KIAA1683), transcript variant 2, mRNA; gi|2244

gi|224451045|ref|NR\_027045.1| Homo sapiens chromosome 1 open reading frame 200 (C1orf200), non-co

gi|224451046|ref|NR\_027046.1| Homo sapiens uncharacterized LOC145474 (LOC145474), non-coding RNA,

gi|224451047|ref|NR\_027047.1| Homo sapiens long intergenic non-protein coding RNA 282 (LINC00282), tr

gi|224451051|ref|NM\_178819.3| Homo sapiens 1-acylglycerol-3-phosphate O-acyltransferase 6 (lysospho

gi|224451052|ref|NM\_001145465.1| Homo sapiens NANOG neighbor homeobox (NANOGNB), mRNA;

gi|224451055|ref|NR\_027049.1| Homo sapiens zinc finger family member 788 (ZNF788), non-coding RNA;

gi|224451065|ref|NR\_027052.1| Homo sapiens THAP7 antisense RNA 1 (non-protein coding) (THAP7-AS1),

gi|224451066|ref|NR\_027053.1| Homo sapiens p21 protein (Cdc42/Rac)-activated kinase 2 pseudogene (LC

gi|224451067|ref|NR\_027054.1| Homo sapiens MIR31 host gene (non-protein coding) (MIR31HG), non-cod

gi|224451068|ref|NR\_027055.1| Homo sapiens family with sequence similarity 41, member C (FAM41C), nc

gi|224451069|ref|NM\_012111.2| Homo sapiens AHA1, activator of heat shock 90kDa protein ATPase homo

gi|224451074|ref|NM\_001145464.1| Homo sapiens endo/exonuclease (5'-3'), endonuclease G-like (EXOG),

gi|224451076|ref|NM\_001145314.1| Homo sapiens centrosomal protein 44kDa (CEP44), transcript variant

gi|224451087|ref|NR\_027058.1| Homo sapiens long intergenic non-protein coding RNA 338 (LINC00338), n

gi|224451091|ref|NM\_024708.3| Homo sapiens ankyrin repeat and SOCS box containing 7 (ASB7), transcrip

gi|224451099|ref|NR\_027060.1| Homo sapiens uncharacterized FLJ34503 (FLJ34503), non-coding RNA;

gi|224451106|ref|NM\_001145375.1| Homo sapiens alkB, alkylation repair homolog 2 (E. coli) (ALKBH2), tra

gi|224451114|ref|NR\_027001.1| Homo sapiens uncharacterized LOC388152 (LOC388152), non-coding RNA,

gi|224451118|ref|NR\_026895.1| Homo sapiens adaptor-related protein complex 5, mu 1 subunit (AP5M1),

gi|224451121|ref|NM\_152667.2| Homo sapiens N-acetylneuraminic acid phosphatase (NANP), mRNA;

gi|224451123|ref|NM\_001114132.1| Homo sapiens neurobeachin-like 1 (NBEAL1), mRNA;

gi|224451125|ref|NM\_013285.2| Homo sapiens guanine nucleotide binding protein-like 2 (nucleolar) (GNL2

gi|224451134|ref|NM\_001145445.1| Homo sapiens SR-related CTD-associated factor 4 (SCAF4), transcript \

gi|224451136|ref|NM\_030929.4| Homo sapiens Kazal-type serine peptidase inhibitor domain 1 (KAZALD1),

gi|224451139|ref|NM\_198353.2| Homo sapiens potassium channel tetramerisation domain containing 8 (K

gi|224458291|ref|NR\_027062.1| Homo sapiens eukaryotic translation elongation factor 1 delta pseudogene

gi|224458292|ref|NR\_027063.1| Homo sapiens long intergenic non-protein coding RNA 116 (LINC00116), n

gi|224458293|ref|NR\_027064.1| Homo sapiens placenta-specific 2 (non-protein coding) (PLAC2), non-codin

gi|224458297|ref|NR\_027066.1| Homo sapiens long intergenic non-protein coding RNA 114 (LINC00114), tr

gi|224458299|ref|NR\_027068.1| Homo sapiens EF-hand calcium binding domain 10 (EFCAB10), non-coding

gi|224458300|ref|NM\_001145475.1| Homo sapiens family with sequence similarity 186, member A (FAM18

gi|224465139|ref|NR\_027106.1| Homo sapiens uncharacterized LOC285419 (LOC285419), transcript varian

gi|224465140|ref|NR\_027107.1| Homo sapiens uncharacterized LOC90768 (MGC45800), non-coding RNA;

gi|224465142|ref|NR\_027109.1| Homo sapiens uncharacterized LOC285593 (LOC285593), transcript varian

gi|224465143|ref|NR\_027110.1| Homo sapiens uncharacterized LOC285627 (LOC285627), non-coding RNA;

gi|224465144|ref|NR\_027111.1| Homo sapiens uncharacterized LOC285629 (LOC285629), non-coding RNA;

gi|224465145|ref|NM\_181503.2| Homo sapiens exosome component 8 (EXOSC8), mRNA;

gi|224465147|ref|NR\_027113.1| Homo sapiens uncharacterized LOC285740 (LOC285740), transcript varian

gi|224465153|ref|NR\_027117.1| Homo sapiens uncharacterized LOC285847 (LOC285847), non-coding RNA;

gi|224465157|ref|NM\_001145531.1| Homo sapiens chromosome 7 open reading frame 71 (C7orf71), mRNA;

gi|224465159|ref|NR\_027118.1| Homo sapiens uncharacterized LOC285954 (LOC285954), transcript varian

gi|224465161|ref|NM\_003036.3| Homo sapiens v-ski sarcoma viral oncogene homolog (avian) (SKI), mRNA;

gi|224465181|ref|NM\_001145511.1| Homo sapiens nuclear factor I/A (NFIA), transcript variant 3, mRNA; gi

gi|224465185|ref|NR\_027069.1| Homo sapiens uncharacterized LOC100132215 (LOC100132215), transcrip

gi|224465191|ref|NM\_001145515.1| Homo sapiens secernin 1 (SCRN1), transcript variant 4, mRNA; gi|224

gi|224465196|ref|NR\_027070.1| Homo sapiens polled intersex syndrome regulated transcript 1 (non-protei

gi|224465198|ref|NR\_027071.1| Homo sapiens chromosome 8 open reading frame 56 (C8orf56), non-codir

gi|224465199|ref|NR\_027072.1| Homo sapiens long intergenic non-protein coding RNA 189 (LINC00189), n

gi|224465200|ref|NR\_027073.1| Homo sapiens uncharacterized LOC283731 (LOC283731), non-coding RNA;

gi|224465201|ref|NM\_053052.3| Homo sapiens synaptosomal-associated protein, 47kDa (SNAP47), mRNA;

gi|224465206|ref|NR\_027076.1| Homo sapiens uncharacterized LOC283761 (LOC283761), transcript varian

gi|224465208|ref|NM\_153336.2| Homo sapiens phosphoseryl-tRNA kinase (PSTK), mRNA;

gi|224465214|ref|NR\_027078.1| Homo sapiens uncharacterized LOC283856 (LOC283856), non-coding RNA;

gi|224465215|ref|NR\_027079.1| Homo sapiens uncharacterized LOC283914 (LOC283914), transcript varian

gi|224465225|ref|NR\_027082.1| Homo sapiens surfactant associated 1, pseudogene (SFTA1P), non-coding l

gi|224465226|ref|NR\_027083.1| Homo sapiens arylformamidase (AFMID), transcript variant 3, non-coding l

gi|224465230|ref|NM\_178527.3| Homo sapiens solute carrier family 9, member C2 (putative) (SLC9C2), mF

gi|224465234|ref|NM\_001145527.1| Homo sapiens euchromatic histone-lysine N-methyltransferase 1 (EH1

gi|224465239|ref|NR\_027084.1| Homo sapiens uncharacterized FLJ36000 (FLJ36000), non-coding RNA;

gi|224465241|ref|NM\_183242.3| Homo sapiens BTB (POZ) domain containing 8 (BTBD8), mRNA;

gi|224465244|ref|NR\_027085.1| Homo sapiens uncharacterized LOC284551 (LOC284551), non-coding RNA;

gi|224465245|ref|NR\_027086.1| Homo sapiens uncharacterized LOC284578 (LOC284578), non-coding RNA;

gi|224465247|ref|NR\_027088.1| Homo sapiens uncharacterized LOC284661 (LOC284661), non-coding RNA;

gi|224465249|ref|NR\_027090.1| Homo sapiens uncharacterized LOC284788 (LOC284788), transcript varian

gi|224465250|ref|NR\_027091.1| Homo sapiens uncharacterized LOC284798 (LOC284798), transcript varian

gi|224465253|ref|NR\_027094.1| Homo sapiens synaptotagmin XIV-like (SYT14L), non-coding RNA;

gi|224465255|ref|NR\_027097.1| Homo sapiens uncharacterized LOC100271832 (LOC100271832), non-codi

gi|224465258|ref|NR\_027100.1| Homo sapiens long intergenic non-protein coding RNA 486 (LINC00486), tr

gi|224465260|ref|NR\_027102.1| Homo sapiens uncharacterized LOC285370 (LOC285370), non-coding RNA;

gi|224465261|ref|NR\_027103.1| Homo sapiens uncharacterized LOC285375 (LOC285375), non-coding RNA;

gi|224465262|ref|NR\_027104.1| Homo sapiens uncharacterized LOC285401 (LOC285401), non-coding RNA;

gi|224493655|ref|NR\_027120.1| Homo sapiens uncharacterized LOC729467 (HSD52), non-coding RNA;

gi|224493666|ref|NR\_027122.1| Homo sapiens embryonic stem cell related (non-protein coding) (ESRG), non-coding RNA

gi|224493671|ref|NR\_027123.1| Homo sapiens KTN1 antisense RNA 1 (non-protein coding) (KTN1-AS1), non-coding RNA

gi|224493699|ref|NR\_027124.1| Homo sapiens uncharacterized LOC339568 (LOC339568), non-coding RNA

gi|224493710|ref|NR\_027125.1| Homo sapiens RNA binding motif protein 18 (RBM18), transcript variant 2, non-coding RNA

gi|224493722|ref|NM\_001145536.1| Homo sapiens chromosome 17 open reading frame 107 (C17orf107), non-coding RNA

gi|224493730|ref|NR\_027127.1| Homo sapiens uncharacterized LOC340074 (LOC340074), non-coding RNA

gi|224493768|ref|NR\_027129.1| Homo sapiens chromosome 21 open reading frame 67 (C21orf67), transcript variant 1, non-coding RNA

gi|224493795|ref|NM\_001007090.2| Homo sapiens chromosome 8 open reading frame 48 (C8orf48), mRNA

gi|224493819|ref|NR\_027131.1| Homo sapiens NFKB activating protein pseudogene 1 (NKAPP1), non-coding RNA

gi|224493825|ref|NM\_004273.4| Homo sapiens carbohydrate (chondroitin 6) sulfotransferase 3 (CHST3), non-coding RNA

gi|224493875|ref|NR\_027133.1| Homo sapiens uncharacterized LOC145820 (LOC145820), transcript variant 1, non-coding RNA

gi|224493888|ref|NR\_027134.1| Homo sapiens uncharacterized DKFZp779M0652 (DKFZp779M0652), non-coding RNA

gi|224493894|ref|NM\_018393.3| Homo sapiens t-complex 11 (mouse)-like 1 (TCP11L1), transcript variant 1, non-coding RNA

gi|224493911|ref|NM\_001145543.1| Homo sapiens zinc finger and SCAN domain containing 18 (ZSCAN18), non-coding RNA

gi|224493963|ref|NM\_001145548.1| Homo sapiens zinc finger, DHHC-type containing 7 (ZDHHC7), transcript variant 1, non-coding RNA

gi|224493979|ref|NR\_027136.1| Homo sapiens chromosome 1 open reading frame 126 (C1orf126), non-coding RNA

gi|224493993|ref|NR\_027138.1| Homo sapiens chromosome 11 open reading frame 36 (C11orf36), non-coding RNA

gi|224494000|ref|NR\_027139.1| Homo sapiens spindlin family, member 3 (SPIN3), transcript variant 2, non-coding RNA

gi|224494025|ref|NM\_147187.2| Homo sapiens tumor necrosis factor receptor superfamily, member 10b (TNFRSF10B), non-coding RNA

gi|224494571|ref|NM\_001145553.1| Homo sapiens uncharacterized LOC401082 (FLJ25363), mRNA;

gi|224494691|ref|NM\_020717.3| Homo sapiens shroom family member 4 (SHROOM4), transcript variant 1, non-coding RNA

gi|224494751|ref|NM\_138801.2| Homo sapiens galactose mutarotase (aldose 1-epimerase) (GALM), mRNA

gi|224496105|ref|NM\_015523.3| Homo sapiens REX2, RNA exonuclease 2 homolog (S. cerevisiae) (REXO2), non-coding RNA

gi|224500881|ref|NR\_027146.1| Homo sapiens long intergenic non-protein coding RNA 469 (LINC00469), non-coding RNA

gi|224500882|ref|NR\_027148.1| Homo sapiens MIR7-3 host gene (non-protein coding) (MIR7-3HG), non-coding RNA

gi|224500883|ref|NM\_001145636.1| Homo sapiens chromosome 1 open reading frame 228 (C1orf228), mRNA

gi|224500891|ref|NM\_173814.4| Homo sapiens protogenin (PRTG), mRNA;

gi|224548920|ref|NM\_025188.3| Homo sapiens tripartite motif containing 45 (TRIM45), transcript variant 1, non-coding RNA

gi|224548928|ref|NM\_001145639.1| Homo sapiens G-protein signaling modulator 1 (GPSM1), transcript variant 1, non-coding RNA

gi|224548934|ref|NM\_005421.2| Homo sapiens T-cell acute lymphocytic leukemia 2 (TAL2), mRNA;

gi|224548935|ref|NM\_001145641.1| Homo sapiens serine/arginine repetitive matrix 5 (SRRM5), mRNA;

gi|224548939|ref|NR\_027151.1| Homo sapiens chromosome 10 open reading frame 108 (C10orf108), transcript variant 1, non-coding RNA

gi|224548941|ref|NR\_027153.1| Homo sapiens ribosomal protein L21 pseudogene 44 (RPL21P44), non-coding RNA

gi|224548942|ref|NR\_027154.1| Homo sapiens smg-1 homolog, phosphatidylinositol 3-kinase-related kinase 1 (SMG1), non-coding RNA

gi|224548946|ref|NR\_027156.1| Homo sapiens tubulin, beta pseudogene 5 (TUBBP5), non-coding RNA;

gi|224548948|ref|NR\_027157.1| Homo sapiens uncharacterized LOC100128191 (LOC100128191), non-coding RNA

gi|224548949|ref|NM\_001145643.1| Homo sapiens proline/histidine/glycine-rich 1 (PHGR1), mRNA;

gi|224548963|ref|NM\_001145545.1| Homo sapiens chromosome 16 open reading frame 82 (C16orf82), mRNA

gi|224548980|ref|NR\_027180.1| Homo sapiens MIR143 host gene (non-protein coding) (MIR143HG), non-coding RNA

gi|224548984|ref|NR\_027181.1| Homo sapiens uncharacterized LOC84931 (LOC84931), non-coding RNA;

gi|224548986|ref|NM\_001145646.1| Homo sapiens anterior pharynx defective 1 homolog B (C. elegans) (APX-1), non-coding RNA

gi|224548988|ref|NR\_027182.1| Homo sapiens uncharacterized LOC84989 (LOC84989), non-coding RNA;

gi|224548996|ref|NR\_027232.1| Homo sapiens PPP2R3B antisense RNA 1 (non-protein coding) (PPP2R3B-AS1), non-coding RNA

gi|224548997|ref|NR\_002803.2| Homo sapiens ribosomal protein L13 pseudogene 5 (RPL13P5), non-coding RNA

gi|224548998|ref|NM\_144976.3| Homo sapiens zinc finger protein 564 (ZNF564), mRNA;

gi|224548999|ref|NM\_144684.2| Homo sapiens zinc finger protein 480 (ZNF480), mRNA;

gi|224549004|ref|NM\_001145547.1| Homo sapiens RNA binding motif protein 17 (RBM17), transcript variant 1, non-coding RNA

gi|224549007|ref|NR\_027237.1| Homo sapiens zinc finger protein pseudogene (LOC728743), non-coding RNA

gi|224549024|ref|NM\_153230.2| Homo sapiens F-box protein 39 (FBXO39), mRNA;

gi|224549025|ref|NR\_027238.1| Homo sapiens lymphocyte-specific protein 1 pseudogene (LOC654342), non-coding RNA

gi|224549026|ref|NM\_130775.2| Homo sapiens X antigen family, member 5 (XAGE5), mRNA;

gi|224549031|ref|NM\_173811.3| Homo sapiens harbinger transposase derived 1 (HARBI1), mRNA;

gi|224549032|ref|NM\_001145650.1| Homo sapiens zinc finger protein 529 (ZNF529), transcript variant 3, non-coding RNA

gi|224549034|ref|NR\_027240.1| Homo sapiens dynein heavy chain -like pseudogene (LOC730668), non-coding RNA

gi|224549035|ref|NR\_015366.3| Homo sapiens uncharacterized LOC388796 (LOC388796), transcript variant 1, non-coding RNA

gi|224586772|ref|NM\_001145659.1| Homo sapiens CTAGE family, member 9 (CTAGE9), mRNA;

gi|224586774|ref|NM\_173545.2| Homo sapiens aprataxin and PNKP like factor (APLF), mRNA;

gi|224586775|ref|NR\_027255.1| Homo sapiens AATK antisense RNA 1 (non-protein coding) (AATK-AS1), non-coding RNA

gi|224586776|ref|NM\_017818.3| Homo sapiens WD repeat containing, antisense to TP73 (WRAP73), mRNA;

gi|224586780|ref|NM\_017721.4| Homo sapiens coiled-coil and C2 domain containing 1A (CC2D1A), mRNA;

gi|224586781|ref|NR\_027256.1| Homo sapiens triggering receptor expressed on myeloid cells-like 3 (TREM3), mRNA;

gi|224586783|ref|NM\_001145664.1| Homo sapiens regulatory factor X, 8 (RFX8), mRNA;

gi|224586789|ref|NM\_001007089.3| Homo sapiens regulated endocrine-specific protein 18 homolog (rat) (RSP18), mRNA;

gi|224586791|ref|NR\_027257.1| Homo sapiens FLJ26850 protein (FLJ26850), non-coding RNA;

gi|224586794|ref|NM\_144659.5| Homo sapiens t-complex 10 (mouse)-like (TCP10L), mRNA;

gi|224586795|ref|NM\_023915.3| Homo sapiens G protein-coupled receptor 87 (GPR87), mRNA;

gi|224586797|ref|NR\_027258.1| Homo sapiens prolyl-tRNA synthetase associated domain containing 1, pseudogene

gi|224586798|ref|NR\_027259.1| Homo sapiens RBM12B antisense RNA 1 (non-protein coding) (RBM12B-AS1), non-coding RNA

gi|224586800|ref|NR\_027260.1| Homo sapiens RNA, 7SL, cytoplasmic 2 (RN7SL2), small cytoplasmic RNA;

gi|224586805|ref|NR\_027261.1| Homo sapiens polymerase (DNA directed), epsilon 3 (p17 subunit) (POLE3), mRNA;

gi|224586806|ref|NM\_001145665.1| Homo sapiens zinc finger protein 181 (ZNF181), transcript variant 2, non-coding RNA

gi|224586810|ref|NR\_027262.1| Homo sapiens chromosome 15 open reading frame 34 (C15orf34), non-coding RNA

gi|224586812|ref|NR\_027263.1| Homo sapiens ARHGAP5 antisense RNA 1 (non-protein coding) (ARHGAP5-AS1), non-coding RNA

gi|224586814|ref|NM\_001145666.1| Homo sapiens golgi glycoprotein 1 (GLG1), transcript variant 2, mRNA;

gi|224586820|ref|NM\_152775.3| Homo sapiens coiled-coil domain containing 110 (CCDC110), transcript variant 1, non-coding RNA

gi|224586824|ref|NR\_027267.1| Homo sapiens long intergenic non-protein coding RNA 310 (LINC00310), transcript variant 1, non-coding RNA

gi|224586826|ref|NR\_027269.1| Homo sapiens septin 7-like (SEPT7L), non-coding RNA;

gi|224586828|ref|NR\_027270.1| Homo sapiens ankyrin repeat domain 20 family, member A11, pseudogene

gi|224586829|ref|NR\_003923.2| Homo sapiens guanylate cyclase 1, soluble, beta 2 (GUCY1B2), non-coding RNA

gi|224586830|ref|NR\_027271.1| Homo sapiens CIRBP antisense RNA 1 (non-protein coding) (CIRBP-AS1), non-coding RNA

gi|224586833|ref|NR\_027272.1| Homo sapiens long intergenic non-protein coding RNA 479 (LINC00479), non-coding RNA

gi|224586834|ref|NR\_027273.1| Homo sapiens ZNF295 antisense RNA 1 (non-protein coding) (ZNF295-AS1), non-coding RNA

gi|224586837|ref|NM\_001145668.1| Homo sapiens cortixin 2 (CTXN2), mRNA;

gi|224586839|ref|NR\_027274.1| Homo sapiens uncharacterized LOC100128788 (LOC100128788), transcript variant 1, non-coding RNA

gi|224586842|ref|NR\_027276.1| Homo sapiens uncharacterized LOC100128239 (LOC100128239), non-coding RNA

gi|224586845|ref|NM\_001145671.1| Homo sapiens sorbin and SH3 domain containing 2 (SORBS2), transcript variant 1, non-coding RNA

gi|224586864|ref|NM\_001145467.1| Homo sapiens natural cytotoxicity triggering receptor 3 (NCR3), transcript variant 1, non-coding RNA

gi|224586868|ref|NR\_026978.1| Homo sapiens HAUS augmin-like complex, subunit 1 (HAUS1), transcript variant 1, non-coding RNA

gi|224586870|ref|NM\_033106.3| Homo sapiens galanin-like peptide (GALP), transcript variant 1, mRNA; gi|224586874|ref|NM\_033124.4| Homo sapiens coiled-coil domain containing 65 (CCDC65), mRNA;

gi|224586878|ref|NM\_002891.4| Homo sapiens Ras protein-specific guanine nucleotide-releasing factor 1 (RSG1), mRNA;

gi|224586881|ref|NM\_003651.4| Homo sapiens cold shock domain protein A (CSDA), transcript variant 1, non-coding RNA

gi|224586890|ref|NR\_027011.1| Homo sapiens cold shock domain protein A pseudogene 1 (CSDAP1), non-coding RNA

gi|224586891|ref|NR\_026952.1| Homo sapiens SEC14-like 1 (S. cerevisiae) pseudogene (LOC729799), non-coding RNA

gi|224586893|ref|NM\_001145652.1| Homo sapiens chromosome 6 open reading frame 141 (C6orf141), mRNA;  
 gi|224586902|ref|NR\_027242.1| Homo sapiens uncharacterized LOC146336 (LOC146336), non-coding RNA;  
 gi|224586905|ref|NR\_027243.1| Homo sapiens chromosome 21 open reading frame 128 (C21orf128), non-coding RNA;  
 gi|224586906|ref|NM\_014464.3| Homo sapiens tubulointerstitial nephritis antigen (TINAG), mRNA;  
 gi|224586908|ref|NR\_027244.1| Homo sapiens uncharacterized LOC151009 (LOC151009), non-coding RNA;  
 gi|224586909|ref|NM\_153363.2| Homo sapiens zinc finger protein 679 (ZNF679), mRNA;  
 gi|224586911|ref|NR\_027245.1| Homo sapiens long intergenic non-protein coding RNA 305 (LINC00305), non-coding RNA;  
 gi|224586912|ref|NR\_027246.1| Homo sapiens long intergenic non-protein coding RNA 314 (LINC00314), non-coding RNA;  
 gi|224586913|ref|NR\_027247.1| Homo sapiens POTE ankyrin domain family, member F pseudogene (LOC101928200), non-coding RNA;  
 gi|224586914|ref|NR\_027248.1| Homo sapiens ankyrin repeat domain 26 pseudogene 3 (ANKRD26P3), non-coding RNA;  
 gi|224586915|ref|NM\_139178.3| Homo sapiens alkB, alkylation repair homolog 3 (E. coli) (ALKBH3), mRNA;  
 gi|224586925|ref|NR\_027249.1| Homo sapiens Grp94 neighboring nucleotidase pseudogene (GNN), non-coding RNA;  
 gi|224586927|ref|NR\_027250.1| Homo sapiens synovial sarcoma, X breakpoint 8 (SSX8), non-coding RNA;  
 gi|224586933|ref|NR\_027251.1| Homo sapiens uncharacterized LOC100129726 (LOC100129726), non-coding RNA;  
 gi|224586936|ref|NR\_027252.1| Homo sapiens CYP1B1 antisense RNA 1 (non-protein coding) (CYP1B1-AS1), non-coding RNA;  
 gi|224586938|ref|NR\_027253.1| Homo sapiens uncharacterized LOC285696 (LOC285696), non-coding RNA;  
 gi|224586939|ref|NM\_003604.2| Homo sapiens insulin receptor substrate 4 (IRS4), mRNA;  
 gi|224586940|ref|NM\_014578.3| Homo sapiens ras homolog family member D (RHOD), mRNA;  
 gi|224586941|ref|NR\_002775.2| Homo sapiens ribosomal protein, large, P0 pseudogene 2 (RPLP0P2), non-coding RNA;  
 gi|224586942|ref|NR\_027254.1| Homo sapiens uncharacterized LOC388387 (LOC388387), non-coding RNA;  
 gi|224589070|ref|NM\_014753.3| Homo sapiens BMS1 homolog, ribosome assembly protein (yeast) (BMS1), mRNA;  
 gi|224589076|ref|NM\_001145678.1| Homo sapiens KIAA0825 (KIAA0825), transcript variant 1, mRNA; gi|224589077|ref|NR\_027276.1| Homo sapiens KIAA0825 (KIAA0825), transcript variant 2, mRNA;  
 gi|224589078|ref|NR\_027277.1| Homo sapiens acyl-CoA thioesterase 7 pseudogene (LOC344967), non-coding RNA;  
 gi|224589110|ref|NM\_001145710.1| Homo sapiens UPF0638 protein B (LOC375190), mRNA;  
 gi|224589112|ref|NR\_027278.1| Homo sapiens long intergenic non-protein coding RNA 281 (LINC00281), non-coding RNA;  
 gi|224589113|ref|NM\_019048.2| Homo sapiens asparagine synthetase domain containing 1 (ASNSD1), mRNA;  
 gi|224589116|ref|NM\_001145712.1| Homo sapiens uncharacterized protein LOC389493 (LOC389493), mRNA;  
 gi|224589119|ref|NR\_027279.1| Homo sapiens ubiquitin specific peptidase 17-like 6, pseudogene (USP17L6), non-coding RNA;  
 gi|224589121|ref|NM\_017934.5| Homo sapiens pleckstrin homology domain interacting protein (PHIP), mRNA;  
 gi|224589122|ref|NR\_027282.1| Homo sapiens chromosome 10 open reading frame 88 pseudogene (LOC300010), non-coding RNA;  
 gi|224589126|ref|NM\_018126.2| Homo sapiens transmembrane protein 33 (TMEM33), mRNA;  
 gi|224589128|ref|NM\_001145715.1| Homo sapiens karyopherin alpha 7 (importin alpha 8) (KPNA7), mRNA;  
 gi|224589130|ref|NR\_027283.1| Homo sapiens Rho GTPase activating protein 27 pseudogene (LOC440461), non-coding RNA;  
 gi|224589133|ref|NM\_178129.4| Homo sapiens purinergic receptor P2Y, G-protein coupled, 8 (P2RY8), mRNA;  
 gi|224589134|ref|NM\_001012761.2| Homo sapiens RGM domain family, member B (RGMB), mRNA;  
 gi|224589136|ref|NR\_027284.1| Homo sapiens uncharacterized LOC441177 (LOC441177), non-coding RNA;  
 gi|224589139|ref|NM\_001145717.1| Homo sapiens patatin-like phospholipase domain containing 1 (PNPLA1), non-coding RNA;  
 gi|224591393|ref|NR\_027130.1| Homo sapiens zinc finger protein 738 (ZNF738), non-coding RNA;  
 gi|224591396|ref|NR\_027285.1| Homo sapiens FLVCR1 antisense RNA 1 (non-protein coding) (FLVCR1-AS1), non-coding RNA;  
 gi|224591398|ref|NM\_207356.2| Homo sapiens chromosome 1 open reading frame 174 (C1orf174), mRNA;  
 gi|224591400|ref|NM\_018323.3| Homo sapiens phosphatidylinositol 4-kinase type 2 beta (PI4K2B), mRNA;  
 gi|224591402|ref|NR\_027287.1| Homo sapiens UCKL1 antisense RNA 1 (non-protein coding) (UCKL1-AS1), non-coding RNA;  
 gi|224591403|ref|NM\_001145718.1| Homo sapiens cancer/testis antigen family 47, member B1 (CT47B1), mRNA;  
 gi|224591407|ref|NM\_001145719.1| Homo sapiens SH2 domain containing 4B (SH2D4B), transcript variant 1, mRNA;  
 gi|224591411|ref|NR\_027291.1| Homo sapiens nucleosome assembly protein 1-like 6 (NAP1L6), non-coding RNA;  
 gi|224591413|ref|NM\_001013693.2| Homo sapiens low density lipoprotein receptor class A domain containing 1 (LDLRCA1), non-coding RNA;  
 gi|224591415|ref|NM\_001001852.3| Homo sapiens pim-3 oncogene (PIM3), mRNA;



gi|224591417|ref|NR\_027292.1| Homo sapiens signal sequence receptor, delta pseudogene 1 (SSR4P1), no

gi|224591418|ref|NM\_001145720.1| Homo sapiens zinc finger and BTB domain containing 8B (ZBTB8B), m

gi|224591420|ref|NM\_133261.2| Homo sapiens GIPC PDZ domain containing family, member 3 (GIPC3), m

gi|224591428|ref|NR\_027294.1| Homo sapiens family with sequence similarity 201, member A (FAM201A),

gi|224593252|ref|NR\_027293.1| Homo sapiens BMS1 homolog, ribosome assembly protein (yeast) pseudo

gi|224593253|ref|NM\_017816.2| Homo sapiens Ly1 antibody reactive homolog (mouse) (LYAR), transcript

gi|224593259|ref|NM\_152613.2| Homo sapiens WBP2 N-terminal like (WBP2NL), mRNA;

gi|224593262|ref|NR\_027295.1| Homo sapiens uncharacterized LOC401884 (MGC57346), transcript varian

gi|224593277|ref|NM\_017895.7| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 27 (DDX27), mRN

gi|224593285|ref|NM\_178499.3| Homo sapiens coiled-coil domain containing 60 (CCDC60), mRNA;

gi|224593753|ref|NM\_033027.3| Homo sapiens cysteine-serine-rich nuclear protein 1 (CSRNP1), mRNA;

gi|224593755|ref|NM\_152610.2| Homo sapiens chromosome 1 open reading frame 65 (C1orf65), mRNA;

gi|224600453|ref|NM\_022746.3| Homo sapiens mitochondrial amidoxime reducing component 1 (MARC1)

gi|224611698|ref|NM\_001145661.1| Homo sapiens GATA binding protein 2 (GATA2), transcript variant 1, n

gi|224809227|ref|NM\_054035.2| Homo sapiens unc-119 homolog (C. elegans) (UNC119), transcript variant

gi|224809303|ref|NR\_027299.1| Homo sapiens xeroderma pigmentosum, complementation group C (XPC),

gi|224809310|ref|NM\_004117.3| Homo sapiens FK506 binding protein 5 (FKBP5), transcript variant 1, mRN

gi|224809322|ref|NM\_001145774.1| Homo sapiens G protein-coupled receptor 56 (GPR56), transcript vari

gi|224809365|ref|NR\_027301.1| Homo sapiens uncharacterized LOC148189 (LOC148189), non-coding RNA,

gi|224809398|ref|NM\_001145784.1| Homo sapiens MEF2B neighbor (MEF2BNB), transcript variant 1, mRN

gi|224809400|ref|NR\_027302.1| Homo sapiens xeroderma pigmentosum, complementation group A (XPA),

gi|224809411|ref|NM\_001145785.1| Homo sapiens myocyte enhancer factor 2B (MEF2B), mRNA;

gi|224809416|ref|NR\_027307.1| Homo sapiens MEF2BNB-MEF2B readthrough (MEF2BNB-MEF2B), transcri

gi|224809431|ref|NM\_181783.3| Homo sapiens transmembrane and tetratricopeptide repeat containing 3

gi|224809436|ref|NR\_027312.1| Homo sapiens uncharacterized LOC153910 (LOC153910), transcript varian

gi|224809444|ref|NR\_027313.1| Homo sapiens uncharacterized LOC150527 (TISP43), transcript variant 1, r

gi|224809456|ref|NR\_027297.1| Homo sapiens homer homolog 3 (Drosophila) (HOMER3), transcript varian

gi|224809459|ref|NM\_198722.2| Homo sapiens adhesion molecule with Ig-like domain 3 (AMIGO3), mRNA

gi|224809462|ref|NR\_027317.1| Homo sapiens chromosome 3 open reading frame 65 (C3orf65), non-codir

gi|224809464|ref|NM\_058172.5| Homo sapiens anthrax toxin receptor 2 (ANTXR2), transcript variant 1, mF

gi|224809475|ref|NM\_001145523.1| Homo sapiens retinoic acid induced 14 (RAI14), transcript variant 5, m

gi|224809486|ref|NM\_005269.2| Homo sapiens GLI family zinc finger 1 (GLI1), transcript variant 1, mRNA; §

gi|224809548|ref|NR\_027320.1| Homo sapiens casein kinase 1, alpha 1 pseudogene 1 (CSNK1A1P1), non-c

gi|224809565|ref|NR\_027321.1| Homo sapiens uncharacterized LOC157381 (LOC157381), non-coding RNA,

gi|224809572|ref|NM\_001145657.1| Homo sapiens RAP1 GTPase activating protein (RAP1GAP), transcript

gi|224809575|ref|NM\_001145805.1| Homo sapiens immunity-related GTPase family, M (IRGM), mRNA;

gi|224809580|ref|NR\_027322.1| Homo sapiens uncharacterized LOC283070 (LOC283070), non-coding RNA,

gi|224831235|ref|NM\_000600.3| Homo sapiens interleukin 6 (interferon, beta 2) (IL6), mRNA;

gi|224831237|ref|NM\_005874.3| Homo sapiens leukocyte immunoglobulin-like receptor, subfamily B (with

gi|224831238|ref|NM\_001145808.1| Homo sapiens integrin, alpha M (complement component 3 receptor

gi|224831249|ref|NM\_130835.2| Homo sapiens optic atrophy 1 (autosomal dominant) (OPA1), nuclear gen

gi|224831254|ref|NM\_000513.2| Homo sapiens opsin 1 (cone pigments), medium-wave-sensitive (OPN1M'

gi|224831255|ref|NM\_001048181.2| Homo sapiens opsin 1 (cone pigments), medium-wave-sensitive 2 (OP

gi|224831256|ref|NM\_014652.3| Homo sapiens importin 13 (IPO13), mRNA;

gi|224831260|ref|NM\_001005747.2| Homo sapiens calcium channel, voltage-dependent, beta 4 subunit (C

gi|224922752|ref|NM\_138403.4| Homo sapiens myosin, light chain 10, regulatory (MYL10), mRNA;

gi|224922754|ref|NM\_001005226.2| Homo sapiens olfactory receptor, family 2, subfamily B, member 3 (O

gi|224922761|ref|NR\_027330.1| Homo sapiens SND1 intronic transcript 1 (non-protein coding) (SND1-IT1),  
 gi|224922762|ref|NM\_003167.3| Homo sapiens sulfotransferase family, cytosolic, 2A, dehydroepiandrosteroid  
 gi|224922771|ref|NR\_027331.1| Homo sapiens chromosome 3 open reading frame 74 (C3orf74), non-coding  
 gi|224922790|ref|NM\_001145815.1| Homo sapiens amidohydrolase domain containing 2 (AMDHD2), trans  
 gi|224922815|ref|NR\_027333.1| Homo sapiens uncharacterized LOC100128811 (LOC100128811), non-coding  
 gi|224922838|ref|NM\_152421.3| Homo sapiens family with sequence similarity 69, member B (FAM69B), n  
 gi|224922844|ref|NM\_207118.2| Homo sapiens general transcription factor IIH, polypeptide 5 (GTF2H5), m  
 gi|224926825|ref|NM\_001145795.1| Homo sapiens SH2B adaptor protein 1 (SH2B1), transcript variant 1, n  
 gi|224967046|ref|NR\_027329.1| Homo sapiens uncharacterized LOC114796 (KIAA1908), transcript variant :  
 gi|224967053|ref|NM\_001145819.1| Homo sapiens SRY (sex determining region Y)-box 6 (SOX6), transcript  
 gi|224967055|ref|NR\_027337.1| Homo sapiens histone cluster 2, H2ba (pseudogene) (HIST2H2BA), non-cod  
 gi|224967063|ref|NM\_018047.2| Homo sapiens RNA binding motif protein 22 (RBM22), mRNA;  
 gi|224967066|ref|NR\_027338.1| Homo sapiens triosephosphate isomerase 1 pseudogene 3 (TPI1P3), non-c  
 gi|224967097|ref|NR\_027288.1| Homo sapiens SUMO1 activating enzyme subunit 1 pseudogene (LOC3410  
 gi|224967098|ref|NM\_201442.2| Homo sapiens complement component 1, s subcomponent (C1S), transcr  
 gi|224967100|ref|NR\_027341.1| Homo sapiens long intergenic non-protein coding RNA 475 (LINC00475), n  
 gi|224967105|ref|NM\_001145841.1| Homo sapiens troponin I type 2 (skeletal, fast) (TNNI2), transcript vari  
 gi|224994159|ref|NM\_014637.3| Homo sapiens mitochondrial fission regulator 1 (MTFR1), nuclear gene en  
 gi|224994166|ref|NR\_027340.1| Homo sapiens FK506 binding protein 9-like (FKBP9L), transcript variant 2, i  
 gi|224994168|ref|NM\_002941.3| Homo sapiens roundabout, axon guidance receptor, homolog 1 (Drosoph  
 gi|224994180|ref|NM\_001012509.2| Homo sapiens solute carrier family 45, member 2 (SLC45A2), transcrip  
 gi|224994190|ref|NM\_001145848.1| Homo sapiens prominin 1 (PROM1), transcript variant 3, mRNA; gi|22  
 gi|224994202|ref|NM\_006005.3| Homo sapiens Wolfram syndrome 1 (wolframin) (WFS1), transcript varian  
 gi|224994217|ref|NR\_027346.1| Homo sapiens long intergenic non-protein coding RNA 173 (LINC00173), tr  
 gi|224994250|ref|NM\_001145862.1| Homo sapiens myotubularin related protein 11 (MTMR11), transcript  
 gi|224994261|ref|NR\_027350.1| Homo sapiens miR-17-92 cluster host gene (non-protein coding) (MIR17HC  
 gi|225007533|ref|NM\_171827.3| Homo sapiens CD8a molecule (CD8A), transcript variant 2, mRNA; gi|2250  
 gi|225007562|ref|NR\_027356.1| Homo sapiens lymphocyte-specific protein 1 pseudogene (LOC645166), tr  
 gi|225007574|ref|NR\_015427.2| Homo sapiens long intergenic non-protein coding RNA 94 (LINC00094), no  
 gi|225007580|ref|NR\_027358.1| Homo sapiens uncharacterized LOC283404 (LOC283404), non-coding RNA  
 gi|225007595|ref|NM\_001045.4| Homo sapiens solute carrier family 6 (neurotransmitter transporter, serot  
 gi|225007608|ref|NM\_174909.4| Homo sapiens transmembrane protein 167A (TMEM167A), mRNA;  
 gi|225007609|ref|NM\_052874.3| Homo sapiens syntaxin 1B (STX1B), mRNA;  
 gi|225007611|ref|NM\_173075.4| Homo sapiens amyloid beta (A4) precursor protein-binding, family B, mem  
 gi|225007645|ref|NR\_003502.2| Homo sapiens zinc and ring finger 2 pseudogene 1 (ZNRFP2P1), non-coding  
 gi|225007647|ref|NM\_015029.2| Homo sapiens processing of precursor 1, ribonuclease P/MRP subunit (S.  
 gi|22507381|ref|NM\_016649.3| Homo sapiens ESF1, nucleolar pre-rRNA processing protein, homolog (S. ce  
 gi|22507413|ref|NM\_080823.2| Homo sapiens src-related kinase lacking C-terminal regulatory tyrosine and  
 gi|22507416|ref|NM\_004676.2| Homo sapiens PTPN13-like, Y-linked (PRY), mRNA;  
 gi|22538399|ref|NM\_002986.2| Homo sapiens chemokine (C-C motif) ligand 11 (CCL11), mRNA;  
 gi|22538419|ref|NM\_080429.2| Homo sapiens aquaporin 10 (AQP10), mRNA;  
 gi|22538452|ref|NM\_148920.1| Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class Q (PIC  
 gi|22538464|ref|NM\_002795.2| Homo sapiens proteasome (prosome, macropain) subunit, beta type, 3 (PS  
 gi|22538466|ref|NM\_002796.2| Homo sapiens proteasome (prosome, macropain) subunit, beta type, 4 (PS  
 gi|22538469|ref|NM\_005442.2| Homo sapiens eomesodermin (EOMES), mRNA;  
 gi|22538474|ref|NM\_018955.2| Homo sapiens ubiquitin B (UBB), mRNA;  
 gi|22538479|ref|NM\_148173.1| Homo sapiens phosphatidylethanolamine N-methyltransferase (PEMT), nu

gi|22538489|ref|NM\_148886.1| Homo sapiens Smith-Magenis syndrome chromosome region, candidate 7  
 gi|22538494|ref|NM\_022479.1| Homo sapiens Williams-Beuren syndrome chromosome region 17 (WBSCR)  
 gi|22538496|ref|NM\_032317.2| Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 30 (DNAJC30),  
 gi|22538793|ref|NM\_145860.1| Homo sapiens programmed cell death 10 (PDCD10), transcript variant 3, m  
 gi|22538799|ref|NM\_005408.2| Homo sapiens chemokine (C-C motif) ligand 13 (CCL13), mRNA;  
 gi|22538800|ref|NM\_004590.2| Homo sapiens chemokine (C-C motif) ligand 16 (CCL16), mRNA;  
 gi|22538801|ref|NM\_002987.2| Homo sapiens chemokine (C-C motif) ligand 17 (CCL17), mRNA;  
 gi|22538805|ref|NM\_005064.3| Homo sapiens chemokine (C-C motif) ligand 23 (CCL23), transcript variant (C  
 gi|22538813|ref|NM\_002985.2| Homo sapiens chemokine (C-C motif) ligand 5 (CCL5), mRNA;  
 gi|22538815|ref|NM\_005623.2| Homo sapiens chemokine (C-C motif) ligand 8 (CCL8), mRNA;  
 gi|22546005|ref|NR\_000010.1| Homo sapiens small nucleolar RNA, C/D box 4A (SNORD4A), small nucleolar  
 gi|22546006|ref|NR\_000009.1| Homo sapiens small nucleolar RNA, C/D box 4B (SNORD4B), small nucleolar  
 gi|22546007|ref|NR\_000022.1| Homo sapiens small nucleolar RNA, C/D box 14A (SNORD14A), small nucleo  
 gi|22546008|ref|NR\_000005.1| Homo sapiens small nucleolar RNA, C/D box 15A (SNORD15A), small nucleo  
 gi|22546010|ref|NR\_000025.1| Homo sapiens small nucleolar RNA, C/D box 15B (SNORD15B), small nucleo  
 gi|22546013|ref|NR\_000021.1| Homo sapiens small nucleolar RNA, C/D box 32A (SNORD32A), small nucleo  
 gi|22546014|ref|NR\_000020.1| Homo sapiens small nucleolar RNA, C/D box 33 (SNORD33), small nucleolar  
 gi|22546015|ref|NR\_000019.1| Homo sapiens small nucleolar RNA, C/D box 34 (SNORD34), small nucleolar  
 gi|22546016|ref|NR\_000018.1| Homo sapiens small nucleolar RNA, C/D box 35A (SNORD35A), small nucleo  
 gi|22546017|ref|NR\_000017.1| Homo sapiens small nucleolar RNA, C/D box 36B (SNORD36B), small nucleo  
 gi|22546018|ref|NR\_000016.1| Homo sapiens small nucleolar RNA, C/D box 36C (SNORD36C), small nucleo  
 gi|22546023|ref|NR\_000014.1| Homo sapiens small nucleolar RNA, C/D box 42A (SNORD42A), small nuclea  
 gi|22546024|ref|NR\_000013.1| Homo sapiens small nucleolar RNA, C/D box 42B (SNORD42B), small nucleo  
 gi|22546025|ref|NR\_000012.1| Homo sapiens small nucleolar RNA, H/ACA box 68 (SNORA68), small nucleo  
 gi|22546026|ref|NR\_000011.1| Homo sapiens small nucleolar RNA, H/ACA box 70 (SNORA70), small nucleo  
 gi|22546027|ref|NR\_000007.1| Homo sapiens small nucleolar RNA, C/D box 73A (SNORD73A), small nucleo  
 gi|22546028|ref|NR\_000027.1| Homo sapiens small nucleolar RNA, C/D box 83A (SNORD83A), small nucleo  
 gi|22546029|ref|NR\_000028.1| Homo sapiens small nucleolar RNA, C/D box 83B (SNORD83B), small nucleo  
 gi|22546031|ref|NR\_000026.1| Homo sapiens RNA, U86 small nucleolar (RNU86), small nucleolar RNA;  
 gi|22547111|ref|NM\_003839.2| Homo sapiens tumor necrosis factor receptor superfamily, member 11a, N  
 gi|22547127|ref|NM\_016504.2| Homo sapiens mitochondrial ribosomal protein L27 (MRPL27), nuclear gen  
 gi|22547137|ref|NM\_146387.1| Homo sapiens mitochondrial ribosomal protein L4 (MRPL4), nuclear gene e  
 gi|22547145|ref|NM\_018378.2| Homo sapiens F-box and leucine-rich repeat protein 8 (FBXL8), mRNA;  
 gi|22547150|ref|NM\_002988.2| Homo sapiens chemokine (C-C motif) ligand 18 (pulmonary and activation-  
 gi|22547185|ref|NM\_004169.3| Homo sapiens serine hydroxymethyltransferase 1 (soluble) (SHMT1), nucle  
 gi|22547231|ref|NM\_006593.2| Homo sapiens T-box, brain, 1 (TBR1), mRNA;  
 gi|225543092|ref|NM\_002421.3| Homo sapiens matrix metalloproteinase 1 (interstitial collagenase) (MMP1  
 gi|225543098|ref|NM\_001145940.1| Homo sapiens platelet-activating factor acetylhydrolase 1b, catalytic s  
 gi|225543100|ref|NR\_027378.1| Homo sapiens uncharacterized LOC643763 (UG0898H09), non-coding RNA  
 gi|225543101|ref|NR\_027379.1| Homo sapiens chromosome 1 open reading frame 180 (C1orf180), non-co  
 gi|225543113|ref|NM\_001145944.1| Homo sapiens solute carrier organic anion transporter family, membe  
 gi|225543158|ref|NM\_001145951.1| Homo sapiens translocase of inner mitochondrial membrane 8 homol  
 gi|225543165|ref|NM\_015380.4| Homo sapiens sorting and assembly machinery component 50 homolog (S  
 gi|225543214|ref|NM\_001145966.1| Homo sapiens antigen identified by monoclonal antibody Ki-67 (MKI6  
 gi|225543279|ref|NM\_005500.2| Homo sapiens SUMO1 activating enzyme subunit 1 (SAE1), transcript vari  
 gi|225543334|ref|NM\_001145642.2| Homo sapiens KIAA0226 (KIAA0226), transcript variant 1, mRNA; gi|1  
 gi|225543350|ref|NR\_027383.1| Homo sapiens A kinase (PRKA) anchor protein 17A (AKAP17A), transcript v

gi|225543355|ref|NR\_027368.1| Homo sapiens processing of precursor 4, ribonuclease P/MRP subunit (S. c  
gi|225543381|ref|NR\_027386.1| Homo sapiens glucuronidase, beta pseudogene 3 (GUSBP3), non-coding RI  
gi|225543406|ref|NM\_033271.2| Homo sapiens BTB (POZ) domain containing 6 (BTBD6), mRNA;  
gi|225543437|ref|NM\_001145903.1| Homo sapiens complement component 2 (C2), transcript variant 2, m  
gi|225543447|ref|NR\_027374.1| Homo sapiens uncharacterized LOC723809 (LOC723809), non-coding RNA,  
gi|225543460|ref|NM\_033394.2| Homo sapiens tetratricopeptide repeat, ankyrin repeat and coiled-coil coi  
gi|225543473|ref|NM\_004686.4| Homo sapiens myotubularin related protein 7 (MTMR7), mRNA;  
gi|225543524|ref|NM\_006446.4| Homo sapiens solute carrier organic anion transporter family, member 1E  
gi|225545549|ref|NM\_016111.3| Homo sapiens TEL2, telomere maintenance 2, homolog (S. cerevisiae) (TE  
gi|225545551|ref|NM\_001008537.2| Homo sapiens KIAA2022 (KIAA2022), mRNA;  
gi|225579026|ref|NR\_027390.1| Homo sapiens polymerase (RNA) II (DNA directed) polypeptide M (POLR2M  
gi|225579042|ref|NM\_003500.3| Homo sapiens acyl-CoA oxidase 2, branched chain (ACOX2), mRNA;  
gi|225579056|ref|NM\_003049.3| Homo sapiens solute carrier family 10 (sodium/bile acid cotransporter far  
gi|225579057|ref|NM\_152679.3| Homo sapiens solute carrier family 10 (sodium/bile acid cotransporter far  
gi|225579058|ref|NM\_197965.2| Homo sapiens solute carrier family 10 (sodium/bile acid cotransporter far  
gi|225579066|ref|NM\_001145964.1| Homo sapiens solute carrier family 12 (potassium/chloride transporte  
gi|225579068|ref|NM\_012426.4| Homo sapiens splicing factor 3b, subunit 3, 130kDa (SF3B3), mRNA;  
gi|225579069|ref|NM\_138412.3| Homo sapiens retinol dehydrogenase 13 (all-trans/9-cis) (RDH13), nuclear  
gi|225579075|ref|NM\_017827.3| Homo sapiens seryl-tRNA synthetase 2, mitochondrial (SARS2), nuclear ge  
gi|225579091|ref|NM\_020843.2| Homo sapiens S-phase cyclin A-associated protein in the ER (SCAPER), tra  
gi|225579098|ref|NM\_031898.2| Homo sapiens tektin 3 (TEKT3), mRNA;  
gi|225579107|ref|NR\_027387.1| Homo sapiens uncharacterized LOC100128822 (LOC100128822), non-codi  
gi|225579126|ref|NM\_001145928.1| Homo sapiens Sin3A-associated protein, 130kDa (SAP130), transcript  
gi|225579128|ref|NM\_001018024.2| Homo sapiens mature T-cell proliferation 1 neighbor (MTCP1NB), nuc  
gi|225579130|ref|NM\_001018025.3| Homo sapiens mature T-cell proliferation 1 (MTCP1), nuclear gene en  
gi|225579153|ref|NR\_027389.1| Homo sapiens insulin-like growth factor binding protein, acid labile subuni  
gi|225637458|ref|NM\_012253.3| Homo sapiens transketolase-like 1 (TKTL1), transcript variant 1, mRNA; gi  
gi|225637470|ref|NR\_027392.1| Homo sapiens integrator complex subunit 4-like 2 (INTS4L2), non-coding R  
gi|225637471|ref|NR\_027393.1| Homo sapiens integrator complex subunit 4-like 1 (INTS4L1), non-coding R  
gi|225637472|ref|NM\_030958.2| Homo sapiens solute carrier organic anion transporter family, member 5A  
gi|225637497|ref|NR\_003286.2| Homo sapiens RNA, 18S ribosomal 1 (RN18S1), ribosomal RNA;  
gi|225637499|ref|NR\_003287.2| Homo sapiens RNA, 28S ribosomal 1 (RN28S1), ribosomal RNA;  
gi|225637523|ref|NM\_001146030.1| Homo sapiens semaphorin 7A, GPI membrane anchor (John Milton Ha  
gi|225637536|ref|NM\_213602.2| Homo sapiens sialic acid binding Ig-like lectin 15 (SIGLEC15), mRNA;  
gi|225637543|ref|NM\_001146033.1| Homo sapiens olfactory receptor, family 56, subfamily A, member 5 (O  
gi|225637548|ref|NM\_001145975.1| Homo sapiens solute carrier family 13 (sodium-dependent dicarboxyl  
gi|225637555|ref|NM\_080721.1| Homo sapiens osteoclast stimulatory transmembrane protein (OCSTAMP)  
gi|225637559|ref|NM\_024800.4| Homo sapiens NIMA (never in mitosis gene a)- related kinase 11 (NEK11),  
gi|225637564|ref|NM\_003565.2| Homo sapiens unc-51-like kinase 1 (C. elegans) (ULK1), mRNA;  
gi|225690488|ref|NM\_001146017.1| Homo sapiens tight junction associated protein 1 (peripheral) (TJAP1).  
gi|225690501|ref|NM\_001146028.1| Homo sapiens junctophilin 4 (JPH4), transcript variant 2, mRNA; gi|22  
gi|225690531|ref|NM\_001146039.1| Homo sapiens golgin, RAB6-interacting (GORAB), transcript variant 3,  
gi|225690539|ref|NR\_027401.1| Homo sapiens long intergenic non-protein coding RNA 204A (LINC00204A)  
gi|225690540|ref|NR\_027402.1| Homo sapiens long intergenic non-protein coding RNA 204B (LINC00204B)  
gi|225690543|ref|NM\_033059.3| Homo sapiens keratin associated protein 4-11 (KRTAP4-11), mRNA;  
gi|225690550|ref|NM\_001146041.1| Homo sapiens keratin associated protein 4-9 (KRTAP4-9), mRNA;  
gi|225690557|ref|NM\_033061.3| Homo sapiens keratin associated protein 4-7 (KRTAP4-7), mRNA;

gi|225690575|ref|NM\_033032.2| Homo sapiens keratin associated protein 2-2 (KRTAP2-2), mRNA;

gi|225690577|ref|NM\_005709.3| Homo sapiens Usher syndrome 1C (autosomal recessive, severe) (USH1C)

gi|225690603|ref|NM\_001146055.1| Homo sapiens synuclein, alpha (non A4 component of amyloid precursor protein) (SNCA), mRNA;

gi|225703032|ref|NM\_001146083.1| Homo sapiens membrane bound O-acyltransferase domain containing 1 (MBOAT1), mRNA;

gi|225703076|ref|NM\_022076.3| Homo sapiens dual specificity phosphatase 21 (DUSP21), mRNA;

gi|225703098|ref|NM\_030794.2| Homo sapiens tudor domain containing 3 (TDRD3), transcript variant 2, mRNA;

gi|225703099|ref|NM\_001146068.1| Homo sapiens calpain 2, (m/II) large subunit (CAPN2), transcript variant 1, mRNA;

gi|225703103|ref|NM\_001146069.1| Homo sapiens major facilitator superfamily domain containing 10 (MFSD10), mRNA;

gi|225703115|ref|NR\_027405.1| Homo sapiens methylenetetrahydrofolate dehydrogenase (NADP+ dependent) (MTHFD1), mRNA;

gi|225703124|ref|NR\_027406.1| Homo sapiens uncharacterized LOC100129034 (LOC100129034), non-coding RNA;

gi|225703125|ref|NR\_027407.1| Homo sapiens golgin A8 family, member D, pseudogene (GOLGA8DP), non-coding RNA;

gi|225703127|ref|NR\_027408.1| Homo sapiens adaptor-related protein complex 1, sigma 2 subunit pseudogene (APC1S2), non-coding RNA;

gi|225703128|ref|NR\_003529.3| Homo sapiens CDKN2B antisense RNA 1 (non-protein coding) (CDKN2B-AS1), non-coding RNA;

gi|225703129|ref|NR\_027409.1| Homo sapiens golgin A8 family, member A (GOLGA8A), transcript variant 2, mRNA;

gi|225703131|ref|NM\_001023567.4| Homo sapiens golgin A8 family, member B (GOLGA8B), transcript variant 1, mRNA;

gi|225703132|ref|NM\_002473.4| Homo sapiens myosin, heavy chain 9, non-muscle (MYH9), mRNA;

gi|225703134|ref|NM\_144492.2| Homo sapiens claudin 14 (CLDN14), transcript variant 1, mRNA; gi|225703135|ref|NR\_027411.1| Homo sapiens golgin A8 family, member C (GOLGA8C), non-coding RNA;

gi|225735556|ref|NM\_004289.6| Homo sapiens nuclear factor (erythroid-derived 2)-like 3 (NFE2L3), mRNA;

gi|225735565|ref|NM\_001105521.2| Homo sapiens Janus kinase and microtubule interacting protein 3 (JAK3), mRNA;

gi|225735566|ref|NM\_002700.2| Homo sapiens POU class 4 homeobox 3 (POU4F3), mRNA;

gi|225735570|ref|NM\_007110.4| Homo sapiens telomerase-associated protein 1 (TEP1), mRNA;

gi|225735576|ref|NM\_004364.3| Homo sapiens CCAAT/enhancer binding protein (C/EBP), alpha (CEBPA), non-coding RNA;

gi|225735587|ref|NR\_002716.3| Homo sapiens RNA, U2 small nuclear 1 (RNU2-1), small nuclear RNA;

gi|225735590|ref|NM\_024604.2| Homo sapiens RNA polymerase II associated protein 3 (RPAP3), transcript variant 1, mRNA;

gi|225735613|ref|NM\_001077704.2| Homo sapiens mesoderm induction early response 1 homolog (Xenopus laevis) (MEIS1), mRNA;

gi|225735622|ref|NM\_206890.2| Homo sapiens DIP2 disco-interacting protein 2 homolog A (Drosophila) (DIP2A), mRNA;

gi|225784828|ref|NR\_027417.1| Homo sapiens ankyrin repeat domain 30B pseudogene (LOC644669), non-coding RNA;

gi|225903366|ref|NM\_001146040.1| Homo sapiens glycine receptor, alpha 1 (GLRA1), transcript variant 1, mRNA;

gi|225903381|ref|NR\_027418.1| Homo sapiens uncharacterized LOC100499466 (LOC100499466), non-coding RNA;

gi|225903386|ref|NR\_027419.1| Homo sapiens arginine vasopressin receptor 2 (AVPR2), transcript variant 1, mRNA;

gi|225903387|ref|NR\_027420.1| Homo sapiens ankyrin repeat domain 57 pseudogene (LOC389834), non-coding RNA;

gi|225903389|ref|NM\_032026.3| Homo sapiens TatD DNase domain containing 1 (TATDN1), transcript variant 1, mRNA;

gi|225903391|ref|NR\_027421.1| Homo sapiens family with sequence similarity 27, member C (FAM27C), non-coding RNA;

gi|225903392|ref|NR\_024060.2| Homo sapiens family with sequence similarity 27, member A (FAM27A), non-coding RNA;

gi|225903395|ref|NR\_027422.1| Homo sapiens family with sequence similarity 27, member B (FAM27B), non-coding RNA;

gi|225903398|ref|NM\_001146152.1| Homo sapiens cytochrome P450, family 51, subfamily A, polypeptide 1 (CYP51A1), mRNA;

gi|225903406|ref|NR\_027424.1| Homo sapiens family with sequence similarity 66, member E (FAM66E), non-coding RNA;

gi|225903408|ref|NR\_027425.1| Homo sapiens family with sequence similarity 66, member D (FAM66D), non-coding RNA;

gi|225903417|ref|NR\_026714.2| Homo sapiens family with sequence similarity 182, member B (FAM182B), non-coding RNA;

gi|225903423|ref|NM\_014760.3| Homo sapiens TatD DNase domain containing 2 (TATDN2), mRNA;

gi|225903429|ref|NM\_001146158.1| Homo sapiens mannosyl-oligosaccharide glucosidase (MOGS), transcript variant 1, mRNA;

gi|225903433|ref|NR\_027426.1| Homo sapiens uncharacterized LOC648691 (LOC648691), non-coding RNA;

gi|225903434|ref|NM\_000842.3| Homo sapiens glutamate receptor, metabotropic 5 (GRM5), transcript variant 1, mRNA;

gi|225903436|ref|NM\_001146156.1| Homo sapiens glycogen synthase kinase 3 beta (GSK3B), transcript variant 1, mRNA;

gi|225903454|ref|NM\_001146162.1| Homo sapiens tripartite motif containing 77, pseudogene (TRIM77P), non-coding RNA;

gi|226051590|ref|NM\_032370.2| Homo sapiens zinc finger protein 414 (ZNF414), transcript variant 2, mRNA;

gi|226051860|ref|NR\_027436.1| Homo sapiens FSHD region gene 1 pseudogene (LOC283788), non-coding l

gi|226052000|ref|NR\_027439.1| Homo sapiens uncharacterized LOC100272216 (LOC100272216), non-codi

gi|226052116|ref|NM\_001146181.1| Homo sapiens heterogeneous nuclear ribonucleoprotein C-like (LOC6

gi|226053125|ref|NM\_001146184.1| Homo sapiens paternally expressed 3 (PEG3), transcript variant 2, mR

gi|226053461|ref|NR\_027440.1| Homo sapiens uncharacterized LOC100272217 (LOC100272217), non-codi

gi|226053538|ref|NR\_027441.1| Homo sapiens uncharacterized LOC730971 (FLJ36777), non-coding RNA;

gi|226053675|ref|NM\_002544.4| Homo sapiens oligodendrocyte myelin glycoprotein (OMG), mRNA;

gi|226054055|ref|NR\_027442.1| Homo sapiens UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransfer

gi|226054294|ref|NM\_001080430.2| Homo sapiens TOX high mobility group box family member 3 (TOX3),

gi|226054352|ref|NM\_006532.3| Homo sapiens elongation factor RNA polymerase II (ELL), mRNA;

gi|226054531|ref|NM\_003953.5| Homo sapiens myelin protein zero-like 1 (MPZL1), transcript variant 1, m

gi|226059158|ref|NM\_001146108.1| Homo sapiens prostaglandin reductase 1 (PTGR1), transcript variant 1

gi|226061010|ref|NR\_027429.1| Homo sapiens uncharacterized LOC219347 (LOC219347), transcript varian

gi|226061048|ref|NR\_027433.1| Homo sapiens uncharacterized LOC440925 (LOC440925), non-coding RNA,

gi|226061086|ref|NR\_027434.1| Homo sapiens uncharacterized LOC100131532 (LOC100131532), non-codi

gi|226061149|ref|NR\_027435.1| Homo sapiens uncharacterized LOC100129716 (LOC100129716), non-codi

gi|226061592|ref|NM\_001042553.2| Homo sapiens TatD DNase domain containing 3 (TATDN3), transcript

gi|226246526|ref|NM\_001146095.1| Homo sapiens FANCD2/FANCI-associated nuclease 1 (FAN1), transcrip

gi|226246539|ref|NM\_001146192.1| Homo sapiens zinc finger, MYND-type containing 12 (ZMYND12), tran

gi|226246553|ref|NM\_001146197.1| Homo sapiens coiled-coil domain containing 168 (CCDC168), mRNA;

gi|226246578|ref|NM\_001146204.1| Homo sapiens RAS guanyl releasing protein 4 (RASGRP4), transcript v

gi|226246594|ref|NM\_001146210.1| Homo sapiens speedy homolog E6 (*Xenopus laevis*) (SPDYE6), mRNA;

gi|226246604|ref|NR\_027447.1| Homo sapiens uncharacterized LOC100289341 (LOC100289341), non-codi

gi|226246606|ref|NM\_004588.4| Homo sapiens sodium channel, voltage-gated, type II, beta subunit (SCN2

gi|226246607|ref|NM\_024813.2| Homo sapiens RNA polymerase II associated protein 2 (RPAP2), mRNA;

gi|226246611|ref|NM\_032130.2| Homo sapiens family with sequence similarity 186, member B (FAM186B)

gi|226246625|ref|NM\_001101426.3| Homo sapiens isoprenoid synthase domain containing (ISPD), transcri

gi|226246628|ref|NM\_004627.4| Homo sapiens tryptophan rich basic protein (WRB), transcript variant 1, n

gi|226246631|ref|NM\_032937.4| Homo sapiens chromosome 9 open reading frame 37 (C9orf37), mRNA;

gi|226246632|ref|NR\_027451.1| Homo sapiens uncharacterized LOC647979 (LOC647979), non-coding RNA,

gi|226246633|ref|NM\_033448.2| Homo sapiens keratin 71 (KRT71), mRNA;

gi|226246644|ref|NR\_027454.1| Homo sapiens uncharacterized LOC731656 (LOC731656), non-coding RNA,

gi|226246647|ref|NM\_001146221.1| Homo sapiens MANSC domain containing 4 (MANSC4), mRNA;

gi|226246662|ref|NM\_001146225.1| Homo sapiens keratin 72 (KRT72), transcript variant 2, mRNA; gi|2262

gi|226246668|ref|NM\_001023.3| Homo sapiens ribosomal protein S20 (RPS20), transcript variant 2, mRNA;

gi|226246669|ref|NM\_181534.3| Homo sapiens keratin 25 (KRT25), mRNA;

gi|226246678|ref|NM\_152444.2| Homo sapiens prostaglandin reductase 2 (PTGR2), transcript variant 1, m

gi|226342868|ref|NM\_001146214.1| Homo sapiens TBC1 domain family, member 15 (TBC1D15), transcript

gi|226342874|ref|NM\_020982.3| Homo sapiens claudin 9 (CLDN9), mRNA;

gi|226342925|ref|NM\_004179.2| Homo sapiens tryptophan hydroxylase 1 (TPH1), mRNA;

gi|226342929|ref|NR\_027456.1| Homo sapiens uncharacterized LOC100272228 (LOC100272228), non-codi

gi|226342934|ref|NM\_001146255.1| Homo sapiens podocan-like 1 (PODNL1), transcript variant 3, mRNA; g

gi|226342938|ref|NR\_027457.1| Homo sapiens long intergenic non-protein coding RNA 221 (LINC00221), n

gi|226342939|ref|NM\_144969.2| Homo sapiens zinc finger, DHHC-type containing 15 (ZDHHC15), transcript

gi|226342965|ref|NM\_006789.3| Homo sapiens apolipoprotein B mRNA editing enzyme, catalytic polypept

gi|226342977|ref|NM\_001146266.1| Homo sapiens G protein-coupled receptor 85 (GPR85), transcript vari

gi|226342985|ref|NR\_027460.1| Homo sapiens RNA polymerase I transcription factor homolog (*S. cerevisia*

gi|226342989|ref|NM\_033438.3| Homo sapiens SLAM family member 9 (SLAMF9), transcript variant 1, mRNA;

gi|226371614|ref|NR\_027462.1| Homo sapiens sex hormone-binding globulin (SHBG), transcript variant 5, mRNA;

gi|226371617|ref|NM\_001146282.1| Homo sapiens signal recognition particle 54kDa (SRP54), transcript variant 1, mRNA;

gi|226371624|ref|NM\_001146285.1| Homo sapiens transcription factor 7-like 2 (T-cell specific, HMG-box) (TF7L2), transcript variant 1, mRNA;

gi|226371631|ref|NM\_016582.2| Homo sapiens solute carrier family 15, member 3 (SLC15A3), transcript variant 1, mRNA;

gi|226371637|ref|NM\_182958.2| Homo sapiens K(lysine) acetyltransferase 8 (KAT8), transcript variant 2, mRNA;

gi|226371640|ref|NM\_003165.3| Homo sapiens syntaxin binding protein 1 (STXBP1), transcript variant 1, mRNA;

gi|226371641|ref|NM\_133491.3| Homo sapiens spermidine/spermine N1-acetyltransferase family member 1 (SSAT1), transcript variant 1, mRNA;

gi|226371645|ref|NM\_030578.3| Homo sapiens B9 protein domain 2 (B9D2), mRNA;

gi|226371654|ref|NM\_001146291.1| Homo sapiens zinc finger protein 674 (ZNF674), transcript variant 2, mRNA;

gi|226371668|ref|NM\_001146015.1| Homo sapiens discs, large (Drosophila) homolog-associated protein 5 (DLP5), transcript variant 1, mRNA;

gi|226371670|ref|NM\_001080396.2| Homo sapiens family with sequence similarity 155, member A (FAM155A), transcript variant 1, mRNA;

gi|226371672|ref|NM\_001127370.2| Homo sapiens cell division cycle associated 7-like (CDCA7L), transcript variant 1, mRNA;

gi|226371685|ref|NR\_002444.2| Homo sapiens small nucleolar RNA, H/ACA box 66 (SNORA66), small nucleolar RNA;

gi|226371707|ref|NM\_138568.3| Homo sapiens exocyst complex component 3-like 2 (EXOC3L2), mRNA;

gi|226371717|ref|NM\_001146106.1| Homo sapiens poly (ADP-ribose) polymerase family, member 9 (PARP9), transcript variant 1, mRNA;

gi|226371724|ref|NM\_001146032.1| Homo sapiens FCH domain only 2 (FCHO2), transcript variant 2, mRNA;

gi|226371728|ref|NR\_027398.1| Homo sapiens glucose-fructose oxidoreductase domain containing 2 (GFO2), transcript variant 1, mRNA;

gi|226371732|ref|NM\_001146051.1| Homo sapiens hydroxysteroid dehydrogenase like 1 (HSDL1), transcript variant 1, mRNA;

gi|226371734|ref|NM\_024336.2| Homo sapiens iroquois homeobox 3 (IRX3), mRNA;

gi|226371738|ref|NM\_001146258.1| Homo sapiens phosphatidylinositol-5-phosphate 4-kinase, type II, gamma (PI4KII), transcript variant 1, mRNA;

gi|226371745|ref|NM\_021082.3| Homo sapiens solute carrier family 15 (H+/peptide transporter), member 3 (SLC15A3), transcript variant 1, mRNA;

gi|226371749|ref|NM\_022830.2| Homo sapiens terminal uridylyl transferase 1, U6 snRNA-specific (TUT1), transcript variant 1, mRNA;

gi|226371753|ref|NM\_031303.2| Homo sapiens katanin p60 subunit A-like 2 (KATNAL2), mRNA;

gi|226423848|ref|NM\_004751.2| Homo sapiens glucosaminyl (N-acetyl) transferase 3, mucin type (GCNT3), transcript variant 1, mRNA;

gi|226423857|ref|NM\_181334.4| Homo sapiens PRR5-ARHGAP8 readthrough (PRR5-ARHGAP8), mRNA;

gi|226423864|ref|NR\_027466.1| Homo sapiens CTAGE family, member 11, pseudogene (CTAGE11P), non-coding RNA;

gi|226423876|ref|NR\_027468.1| Homo sapiens uncharacterized FLJ39739 (FLJ39739), non-coding RNA;

gi|226423877|ref|NR\_027469.1| Homo sapiens uncharacterized LOC100286793 (LOC100286793), non-coding RNA;

gi|226423879|ref|NR\_027470.1| Homo sapiens unc-51-like kinase 4 (C. elegans) pseudogene 2 (ULK4P2), non-coding RNA;

gi|226423888|ref|NM\_001146312.1| Homo sapiens myocardin (MYOCD), transcript variant 1, mRNA;

gi|226423898|ref|NR\_027471.1| Homo sapiens uncharacterized LOC440173 (LOC440173), non-coding RNA;

gi|226423899|ref|NR\_027472.1| Homo sapiens general transcription factor II, i pseudogene (LOC642929), non-coding RNA;

gi|226423900|ref|NM\_004551.2| Homo sapiens NADH dehydrogenase (ubiquinone) Fe-S protein 3, 30kDa (ND3), transcript variant 1, mRNA;

gi|226423916|ref|NM\_001080432.2| Homo sapiens fat mass and obesity associated (FTO), mRNA;

gi|226423925|ref|NM\_015363.4| Homo sapiens zinc finger, imprinted 2 (ZIM2), transcript variant 1, mRNA;

gi|226423945|ref|NM\_001085480.2| Homo sapiens family with sequence similarity 162, member B (FAM162B), transcript variant 1, mRNA;

gi|226423951|ref|NM\_001146278.1| Homo sapiens neutral cholesterol ester hydrolase 1 (NCEH1), transcript variant 1, mRNA;

gi|226437565|ref|NM\_144704.2| Homo sapiens apoptosis-inducing factor, mitochondrion-associated, 3 (AIF3), transcript variant 1, mRNA;

gi|226437570|ref|NM\_015407.4| Homo sapiens abhydrolase domain containing 14A (ABHD14A), mRNA;

gi|226437572|ref|NM\_032360.3| Homo sapiens acyl-CoA binding domain containing 6 (ACBD6), mRNA;

gi|226437573|ref|NM\_005288.3| Homo sapiens G protein-coupled receptor 12 (GPR12), mRNA;

gi|226437576|ref|NM\_001146333.1| Homo sapiens sulfatase modifying factor 2 (SUMF2), transcript variant 1, mRNA;

gi|226437578|ref|NM\_001146334.1| Homo sapiens NAC alpha domain containing (NACAD), mRNA;

gi|226437582|ref|NM\_015013.3| Homo sapiens lysine (K)-specific demethylase 1A (KDM1A), transcript variant 1, mRNA;

gi|226437591|ref|NM\_001146336.1| Homo sapiens transmembrane protein 114 (TMEM114), mRNA;

gi|226437594|ref|NM\_001146337.1| Homo sapiens actin filament associated protein 1-like 1 (AFAP1L1), transcript variant 1, mRNA;

gi|226437598|ref|NM\_001146339.1| Homo sapiens V-set and transmembrane domain containing 2B (VSTM2B), mRNA;

gi|226437601|ref|NM\_001146340.1| Homo sapiens NK1 homeobox 2 (NKX1-2), mRNA;

gi|226437604|ref|NR\_027473.1| Homo sapiens lysine (K)-specific demethylase 2A (KDM2A), transcript variant 1, mRNA;

gi|226437605|ref|NM\_001146341.1| Homo sapiens ankyrin repeat domain 34C (ANKRD34C), mRNA;

gi|226437620|ref|NM\_001146344.1| Homo sapiens PRAME family member 11 (PRAMEF11), mRNA;

gi|226437631|ref|NM\_001004339.2| Homo sapiens zyg-11 homolog A (C. elegans) (ZYG11A), mRNA;

gi|226437633|ref|NM\_032590.4| Homo sapiens lysine (K)-specific demethylase 2B (KDM2B), transcript variant 1, mRNA;

gi|226442704|ref|NM\_001146590.1| Homo sapiens alanine-glyoxylate aminotransferase 2-like 1 (AGXT2L1), mRNA;

gi|226442724|ref|NM\_001146683.1| Homo sapiens chromosome 14 open reading frame 176 (C14orf176), mRNA;

gi|226442728|ref|NM\_030624.2| Homo sapiens kelch-like 15 (Drosophila) (KLHL15), mRNA;

gi|226442743|ref|NM\_001146685.1| Homo sapiens transmembrane protein 88B (TMEM88B), mRNA;

gi|226442762|ref|NM\_024028.3| Homo sapiens prenylcysteine oxidase 1 like (PCYOX1L), mRNA;

gi|226442775|ref|NM\_018433.5| Homo sapiens lysine (K)-specific demethylase 3A (KDM3A), transcript variant 1, mRNA;

gi|226442877|ref|NM\_213604.2| Homo sapiens ADAMTS-like 5 (ADAMTSL5), mRNA;

gi|226442896|ref|NM\_001146696.1| Homo sapiens lysine (K)-specific demethylase 4C (KDM4C), transcript variant 1, mRNA;

gi|226442959|ref|NM\_004187.3| Homo sapiens lysine (K)-specific demethylase 5C (KDM5C), transcript variant 1, mRNA;

gi|226442994|ref|NM\_004653.4| Homo sapiens lysine (K)-specific demethylase 5D (KDM5D), transcript variant 1, mRNA;

gi|226443006|ref|NM\_023927.2| Homo sapiens GRAM domain containing 3 (GRAMD3), transcript variant 2, mRNA;

gi|226443067|ref|NM\_014966.3| Homo sapiens DEAH (Asp-Glu-Ala-His) box polypeptide 30 (DHX30), transcript variant 1, mRNA;

gi|226443151|ref|NM\_001146314.1| Homo sapiens abhydrolase domain containing 14B (ABHD14B), transcript variant 1, mRNA;

gi|226491198|ref|NM\_182496.2| Homo sapiens coiled-coil domain containing 38 (CCDC38), mRNA;

gi|226491349|ref|NM\_173846.4| Homo sapiens tubulin polymerization-promoting protein family member 1 (TUBP1), mRNA;

gi|226492891|ref|NM\_173482.2| Homo sapiens coiled-coil domain containing 105 (CCDC105), mRNA;

gi|226493202|ref|NM\_019083.2| Homo sapiens coiled-coil domain containing 76 (CCDC76), mRNA;

gi|226494052|ref|NM\_144681.2| Homo sapiens coiled-coil domain containing 42 (CCDC42), transcript variant 1, mRNA;

gi|226495416|ref|NM\_033212.3| Homo sapiens coiled-coil domain containing 102A (CCDC102A), mRNA;

gi|226497733|ref|NM\_001146699.1| Homo sapiens RNA binding motif protein 19 (RBM19), transcript variant 1, mRNA;

gi|226498191|ref|NM\_032827.6| Homo sapiens atonal homolog 8 (Drosophila) (ATOH8), mRNA;

gi|226498381|ref|NM\_138376.2| Homo sapiens tetratricopeptide repeat domain 5 (TTC5), mRNA;

gi|226498465|ref|NM\_001146726.1| Homo sapiens T-cell immunoglobulin and mucin domain containing 4 (TIMM4), mRNA;

gi|226502211|ref|NM\_145208.2| Homo sapiens methyl-CpG binding domain protein 3-like 1 (MBD3L1), mRNA;

gi|226505139|ref|NM\_001146345.1| Homo sapiens PQ loop repeat containing 1 (PQLC1), transcript variant 1, mRNA;

gi|226507776|ref|NM\_138289.3| Homo sapiens actin-related protein T1 (ACTRT1), mRNA;

gi|226509739|ref|NM\_021228.2| Homo sapiens SR-related CTD-associated factor 1 (SCAF1), mRNA;

gi|226509971|ref|NM\_054108.3| Homo sapiens HRAS-like suppressor family, member 5 (HRASLS5), transcript variant 1, mRNA;

gi|226528370|ref|NM\_001153635.1| Homo sapiens short coiled-coil protein (SCOC), transcript variant 7, mRNA;

gi|226528728|ref|NR\_027480.1| Homo sapiens POTE ankyrin domain family, member G (POTEG), transcript variant 1, mRNA;

gi|226528771|ref|NM\_021827.4| Homo sapiens coiled-coil domain containing 81 (CCDC81), transcript variant 1, mRNA;

gi|226529226|ref|NM\_001159279.1| Homo sapiens zinc finger protein 716 (ZNF716), mRNA;

gi|226529250|ref|NM\_001012969.2| Homo sapiens adenosine deaminase-like (ADAL), transcript variant 2, mRNA;

gi|226529339|ref|NR\_027481.1| Homo sapiens zinc finger protein 876, pseudogene (ZNF876P), non-coding transcript, mRNA;

gi|226529428|ref|NM\_152864.3| Homo sapiens Na<sup>+</sup>/K<sup>+</sup> transporting ATPase interacting 4 (NKAIN4), mRNA;

gi|226529476|ref|NM\_001008693.2| Homo sapiens cystatin 9 (testatin) (CST9), mRNA;

gi|226529649|ref|NM\_001159285.1| Homo sapiens adenosine deaminase domain containing 1 (testis-specific) (ADA1), mRNA;

gi|226529805|ref|NM\_001159286.1| Homo sapiens histone deacetylase 10 (HDAC10), transcript variant 2, mRNA;

gi|226529872|ref|NM\_000365.5| Homo sapiens triosephosphate isomerase 1 (TPI1), transcript variant 1, mRNA;

gi|226530312|ref|NM\_001159291.1| Homo sapiens microtubule associated monooxygenase, calponin and L



gi|226530354|ref|NM\_001159293.1| Homo sapiens zinc finger protein 737 (ZNF737), mRNA;  
 gi|226530794|ref|NM\_001159296.1| Homo sapiens Kruppel-like factor 8 (KLF8), transcript variant 2, mRNA;  
 gi|226532847|ref|NM\_182491.2| Homo sapiens zinc finger, AN1-type domain 2A (ZFAND2A), mRNA;  
 gi|226693319|ref|NM\_199282.2| Homo sapiens Rho GTPase activating protein 27 (ARHGAP27), transcript v  
 gi|226693322|ref|NM\_001014440.3| Homo sapiens outer dense fiber of sperm tails 3B (ODF3B), mRNA;  
 gi|226693340|ref|NR\_027484.1| Homo sapiens Fc fragment of IgG, high affinity I<sub>c</sub>, receptor (CD64), pseudo  
 gi|226693356|ref|NM\_001159322.1| Homo sapiens phospholipase A2, group IVC (cytosolic, calcium-indepe  
 gi|226823215|ref|NR\_027486.1| Homo sapiens TBC1 domain family, member 3 pseudogene 2 (TBC1D3P2),  
 gi|226823234|ref|NM\_001159353.1| Homo sapiens regenerating islet-derived family, member 4 (REG4), tr  
 gi|226874829|ref|NM\_000858.5| Homo sapiens guanylate kinase 1 (GUK1), transcript variant 2, mRNA; gi|  
 gi|226874954|ref|NM\_201563.4| Homo sapiens Fc fragment of IgG, low affinity I<sub>lc</sub>, receptor for (CD32) (gei  
 gi|226958363|ref|NR\_027498.1| Homo sapiens COL18A1 antisense RNA 1 (non-protein coding) (COL18A1-*A*  
 gi|226958413|ref|NM\_001159508.1| Homo sapiens isovaleryl-CoA dehydrogenase (IVD), nuclear gene encc  
 gi|226958477|ref|NM\_001159522.1| Homo sapiens zinc finger protein 727 (ZNF727), mRNA;  
 gi|226958482|ref|NM\_001159524.1| Homo sapiens zinc finger protein 735 (ZNF735), mRNA;  
 gi|226958543|ref|NM\_052938.4| Homo sapiens Fc receptor-like 1 (FCRL1), transcript variant 1, mRNA; gi|2  
 gi|226958574|ref|NM\_170692.2| Homo sapiens RAS protein activator like 2 (RASAL2), transcript variant 2, i  
 gi|226958624|ref|NM\_001001791.2| Homo sapiens chromosome 10 open reading frame 55 (C10orf55), m  
 gi|226958651|ref|NM\_001136019.2| Homo sapiens Fc fragment of IgG, receptor, transporter, alpha (FCGR1  
 gi|226958662|ref|NM\_001159484.1| Homo sapiens nucleoporin 210kDa-like (NUP210L), transcript variant  
 gi|227116264|ref|NR\_027504.1| Homo sapiens macrophage stimulating 1 (hepatocyte growth factor-like) p  
 gi|227116276|ref|NM\_004212.3| Homo sapiens solute carrier family 28 (sodium-coupled nucleoside transp  
 gi|227116283|ref|NM\_031282.2| Homo sapiens Fc receptor-like 4 (FCRL4), mRNA;  
 gi|227116302|ref|NM\_001098527.2| Homo sapiens ret finger protein-like 2 (RFPL2), transcript variant 2, m  
 gi|227116324|ref|NM\_001039570.2| Homo sapiens kringle containing transmembrane protein 1 (KREMEN:  
 gi|227116356|ref|NR\_027503.1| Homo sapiens glucuronidase, beta pseudogene (LOC100133050), non-cod  
 gi|227430280|ref|NM\_030764.3| Homo sapiens Fc receptor-like 2 (FCRL2), mRNA;  
 gi|227430282|ref|NM\_002151.2| Homo sapiens hepsin (HPN), transcript variant 2, mRNA; gi|227430281|ri  
 gi|227430286|ref|NM\_001159575.1| Homo sapiens sodium channel, non-voltage-gated 1 alpha subunit (SC  
 gi|227430291|ref|NM\_000613.2| Homo sapiens hemopexin (HPX), mRNA;  
 gi|227430302|ref|NM\_001159588.1| Homo sapiens CD109 molecule (CD109), transcript variant 3, mRNA; g  
 gi|227430306|ref|NM\_005303.2| Homo sapiens free fatty acid receptor 1 (FFAR1), mRNA;  
 gi|227430326|ref|NM\_001231.4| Homo sapiens calsequestrin 1 (fast-twitch, skeletal muscle) (CASQ1), nucl  
 gi|227430337|ref|NM\_001159597.1| Homo sapiens SH3 domain containing, Ysc84-like 1 (*S. cerevisiae*) (SH:  
 gi|227430361|ref|NM\_005306.2| Homo sapiens free fatty acid receptor 2 (FFAR2), mRNA;  
 gi|227430409|ref|NM\_001159542.1| Homo sapiens POU class 5 homeobox 1B (POU5F1B), mRNA;  
 gi|227430411|ref|NM\_001136041.2| Homo sapiens histone deacetylase 11 (HDAC11), transcript variant 2,  
 gi|227452355|ref|NM\_015379.4| Homo sapiens brain protein I3 (BRI3), transcript variant 1, mRNA; gi|2274  
 gi|227452406|ref|NM\_178477.4| Homo sapiens barrier to autointegration factor 2 (BANF2), transcript varia  
 gi|22748616|ref|NM\_152250.1| Homo sapiens defensin, beta 105A (DEFB105A), mRNA;  
 gi|22748692|ref|NM\_152316.1| Homo sapiens chromosome 11 open reading frame 46 (C11orf46), mRNA;  
 gi|22748706|ref|NM\_152323.1| Homo sapiens Spi-C transcription factor (Spi-1/PU.1 related) (SPIC), mRNA;  
 gi|22748708|ref|NM\_152324.1| Homo sapiens testis expressed 29 (TEX29), mRNA;  
 gi|22748710|ref|NM\_152325.1| Homo sapiens testis expressed 26 (TEX26), mRNA;  
 gi|22748750|ref|NM\_152346.1| Homo sapiens solute carrier family 43, member 2 (SLC43A2), mRNA;  
 gi|22748804|ref|NM\_152374.1| Homo sapiens chromosome 1 open reading frame 216 (C1orf216), mRNA;  
 gi|22748882|ref|NM\_152417.1| Homo sapiens transmembrane protein 68 (TMEM68), mRNA;

gi|22748888|ref|NM\_152420.1| Homo sapiens chromosome 9 open reading frame 41 (C9orf41), mRNA;

gi|22748922|ref|NM\_152436.1| Homo sapiens GLI pathogenesis-related 1 like 2 (GLIPR1L2), mRNA;

gi|22748940|ref|NM\_152448.1| Homo sapiens chromosome 15 open reading frame 43 (C15orf43), mRNA;

gi|22748966|ref|NM\_152457.1| Homo sapiens zinc finger protein 597 (ZNF597), mRNA;

gi|22748972|ref|NM\_152465.1| Homo sapiens protein interacting with cyclin A1 (PROCA1), mRNA;

gi|22748978|ref|NM\_152464.1| Homo sapiens transmembrane protein 199 (TMEM199), mRNA;

gi|22749004|ref|NM\_152481.1| Homo sapiens family with sequence similarity 187, member B (FAM187B),

gi|22749026|ref|NM\_152489.1| Homo sapiens ubiquitin-conjugating enzyme E2U (putative) (UBE2U), mRNA

gi|22749038|ref|NM\_152495.1| Homo sapiens cornichon homolog 3 (Drosophila) (CNIH3), mRNA;

gi|22749046|ref|NM\_152499.1| Homo sapiens coiled-coil domain containing 24 (CCDC24), mRNA;

gi|22749104|ref|NM\_152533.1| Homo sapiens chromosome 3 open reading frame 22 (C3orf22), mRNA;

gi|22749128|ref|NM\_152545.1| Homo sapiens RasGEF domain family, member 1B (RASGEF1B), mRNA;

gi|22749164|ref|NM\_152565.1| Homo sapiens ATPase, H<sup>+</sup> transporting, lysosomal 38kDa, V0 subunit d2 (A

gi|22749182|ref|NM\_152570.1| Homo sapiens leucine rich repeat and Ig domain containing 2 (LINGO2), m

gi|22749210|ref|NM\_152588.1| Homo sapiens transmembrane and tetratricopeptide repeat containing 2 (

gi|22749212|ref|NM\_152589.1| Homo sapiens chromosome 12 open reading frame 50 (C12orf50), mRNA;

gi|22749216|ref|NM\_152591.1| Homo sapiens coiled-coil domain containing 63 (CCDC63), mRNA;

gi|22749278|ref|NM\_152625.1| Homo sapiens zinc finger protein 366 (ZNF366), mRNA;

gi|22749296|ref|NM\_152635.1| Homo sapiens oncoprotein induced transcript 3 (OIT3), mRNA;

gi|22749424|ref|NM\_152719.1| Homo sapiens spermatid associated (SPERT), mRNA;

gi|22749428|ref|NM\_152723.1| Homo sapiens coiled-coil domain containing 89 (CCDC89), mRNA;

gi|22749458|ref|NM\_152742.1| Homo sapiens glypican 2 (GPC2), mRNA;

gi|22749478|ref|NM\_152755.1| Homo sapiens canopy 4 homolog (zebrafish) (CNPY4), mRNA;

gi|22749516|ref|NM\_152772.1| Homo sapiens t-complex 11 (mouse)-like 2 (TCP11L2), mRNA;

gi|22749538|ref|NM\_152786.1| Homo sapiens chromosome 9 open reading frame 43 (C9orf43), mRNA;

gi|227495693|ref|NM\_001142414.1| Homo sapiens CGRP receptor component (CRCP), transcript variant 4,

gi|227496328|ref|NM\_024874.4| Homo sapiens KIAA0319-like (KIAA0319L), mRNA;

gi|227496488|ref|NM\_001159643.1| Homo sapiens multiple C2 domains, transmembrane 2 (MCTP2), trans

gi|227496823|ref|NM\_181708.2| Homo sapiens BCDIN3 domain containing (BCDIN3D), mRNA;

gi|227497052|ref|NM\_021064.4| Homo sapiens histone cluster 1, H2ag (HIST1H2AG), mRNA;

gi|227497625|ref|NR\_027500.1| Homo sapiens uncharacterized LOC100286844 (LOC100286844), transcrip

gi|227497735|ref|NM\_032505.2| Homo sapiens kelch repeat and BTB (POZ) domain containing 8 (KBTBD8),

gi|227497753|ref|NM\_153446.2| Homo sapiens beta-1,4-N-acetyl-galactosaminyl transferase 2 (B4GALNT2

gi|227497860|ref|NM\_020836.3| Homo sapiens brain-enriched guanylate kinase-associated homolog (rat) (

gi|227497995|ref|NM\_004249.3| Homo sapiens RAB28, member RAS oncogene family (RAB28), transcript v

gi|227498236|ref|NM\_001080450.2| Homo sapiens BEN domain containing 3 (BEND3), mRNA;

gi|227498240|ref|NM\_030812.2| Homo sapiens actin-like 8 (ACTL8), mRNA;

gi|227498246|ref|NM\_152490.2| Homo sapiens beta-1,3-N-acetylgalactosaminyltransferase 2 (B3GALNT2),

gi|227498915|ref|NM\_178537.4| Homo sapiens beta-1,4-N-acetyl-galactosaminyl transferase 4 (B4GALNT4

gi|227499244|ref|NM\_145236.2| Homo sapiens UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransfe

gi|227499618|ref|NM\_003645.3| Homo sapiens solute carrier family 27 (fatty acid transporter), member 2

gi|227499780|ref|NR\_024357.2| Homo sapiens long intergenic non-protein coding RNA 113 (LINC00113), n

gi|227499989|ref|NM\_001135099.1| Homo sapiens transmembrane protease, serine 2 (TMPRSS2), transcri

gi|227500029|ref|NM\_018842.4| Homo sapiens BAI1-associated protein 2-like 1 (BAIAP2L1), mRNA;

gi|227500152|ref|NM\_024333.2| Homo sapiens fibronectin type III and SPRY domain containing 1 (FSD1), n

gi|22779935|ref|NM\_080827.1| Homo sapiens WAP four-disulfide core domain 6 (WFDC6), mRNA;

gi|227908866|ref|NM\_018137.2| Homo sapiens protein arginine methyltransferase 6 (PRMT6), mRNA;

gi|228008287|ref|NM\_001159560.1| Homo sapiens brain expressed, X-linked 5 (BEX5), transcript variant 2,  
gi|228008320|ref|NM\_001004318.2| Homo sapiens iron/zinc purple acid phosphatase-like protein (PAPL), r  
gi|228008332|ref|NM\_033103.4| Homo sapiens rhophilin, Rho GTPase binding protein 2 (RHPN2), mRNA;  
gi|228008338|ref|NM\_016561.2| Homo sapiens bifunctional apoptosis regulator (BFAR), mRNA;  
gi|228008341|ref|NM\_138278.3| Homo sapiens BCL2/adenovirus E1B 19kD interacting protein like (BNIPL),  
gi|228008350|ref|NM\_024768.2| Homo sapiens coiled-coil domain containing 48 (CCDC48), mRNA;  
gi|228008386|ref|NR\_027508.1| Homo sapiens family with sequence similarity 133, member B pseudogene  
gi|228008395|ref|NM\_001159673.1| Homo sapiens synaptotagmin binding, cytoplasmic RNA interacting pr  
gi|228008406|ref|NM\_032861.3| Homo sapiens serine active site containing 1 (SERAC1), mRNA;  
gi|228008409|ref|NM\_001159547.1| Homo sapiens BEN domain containing 4 (BEND4), transcript variant 2,  
gi|228008411|ref|NM\_001139444.2| Homo sapiens BET3 like (*S. cerevisiae*) (BET3L), mRNA;  
gi|228480214|ref|NR\_027621.1| Homo sapiens four and a half LIM domains 1 (FHL1), transcript variant 8, n  
gi|228480225|ref|NR\_027622.1| Homo sapiens four and a half LIM domains 1 pseudogene (LOC100128164  
gi|228480257|ref|NM\_001159596.1| Homo sapiens basic, immunoglobulin-like variable motif containing (B  
gi|228480308|ref|NR\_027512.1| Homo sapiens BEN domain containing 3 pseudogene (LOC650623), non-cc  
gi|22902135|ref|NM\_152860.1| Homo sapiens Sp7 transcription factor (SP7), transcript variant 2, mRNA; gi  
gi|22907024|ref|NM\_004900.3| Homo sapiens apolipoprotein B mRNA editing enzyme, catalytic polypeptic  
gi|22907027|ref|NM\_003837.2| Homo sapiens fructose-1,6-bisphosphatase 2 (FBP2), mRNA;  
gi|22907038|ref|NM\_014508.2| Homo sapiens apolipoprotein B mRNA editing enzyme, catalytic polypeptic  
gi|22907046|ref|NM\_000676.2| Homo sapiens adenosine A2b receptor (ADORA2B), mRNA;  
gi|22907057|ref|NM\_018019.2| Homo sapiens mediator complex subunit 9 (MED9), mRNA;  
gi|22907059|ref|NM\_018242.2| Homo sapiens solute carrier family 47, member 1 (SLC47A1), mRNA;  
gi|229089128|ref|NM\_138369.2| Homo sapiens biorientation of chromosomes in cell division 1 (BOD1), tra  
gi|229089139|ref|NM\_001024678.3| Homo sapiens leucine rich repeat containing 24 (LRRC24), mRNA;  
gi|229091321|ref|NM\_001159727.1| Homo sapiens phospholipase B domain containing 2 (PLBD2), transcri  
gi|229093086|ref|NM\_170776.4| Homo sapiens G protein-coupled receptor 97 (GPR97), mRNA;  
gi|229331970|ref|NM\_001159749.1| Homo sapiens RIO kinase 2 (yeast) (RIOK2), transcript variant 2, mRN/  
gi|229331997|ref|NM\_015718.2| Homo sapiens NADPH oxidase 3 (NOX3), mRNA;  
gi|229576807|ref|NM\_020959.2| Homo sapiens anoctamin 8 (ANO8), mRNA;  
gi|229576884|ref|NM\_001159694.1| Homo sapiens endomucin (EMCN), transcript variant 2, mRNA; gi|229  
gi|229576905|ref|NM\_001159929.1| Homo sapiens F-box and WD repeat domain containing 12 (FBXW12),  
gi|229576999|ref|NM\_001159944.1| Homo sapiens ecotropic viral integration site 5-like (EVI5L), transcript  
gi|229577047|ref|NM\_001159710.1| Homo sapiens butyrophilin-like 8 (BTNL8), transcript variant 6, mRNA;  
gi|229577122|ref|NM\_182539.3| Homo sapiens t-complex-associated-testis-expressed 1 (TCTE1), mRNA;  
gi|229577137|ref|NM\_001621.4| Homo sapiens aryl hydrocarbon receptor (AHR), mRNA;  
gi|229577146|ref|NR\_027638.1| Homo sapiens ADAM metalloproteinase domain 9 (ADAM9), transcript vari  
gi|229577147|ref|NM\_133639.3| Homo sapiens ras homolog family member V (RHOV), mRNA;  
gi|229577169|ref|NR\_027626.1| Homo sapiens cytidine monophospho-N-acetylneuraminic acid hydroxylas  
gi|229577179|ref|NM\_001159846.1| Homo sapiens MPN domain containing (MPND), transcript variant 2, r  
gi|229577210|ref|NM\_001743.4| Homo sapiens calmodulin 2 (phosphorylase kinase, delta) (CALM2), mRN/  
gi|229577232|ref|NM\_001010873.2| Homo sapiens translocator protein 2 (TSPO2), transcript variant 1, mF  
gi|229577237|ref|NM\_145170.3| Homo sapiens tetratricopeptide repeat domain 18 (TTC18), mRNA;  
gi|229577246|ref|NM\_152478.2| Homo sapiens zinc finger protein 583 (ZNF583), transcript variant 1, mRN  
gi|229577272|ref|NM\_001159736.1| Homo sapiens BUD13 homolog (*S. cerevisiae*) (BUD13), transcript vari  
gi|229577309|ref|NM\_020764.3| Homo sapiens CASK interacting protein 1 (CASKIN1), mRNA;  
gi|229577312|ref|NM\_007009.2| Homo sapiens zona pellucida binding protein (ZPBP), transcript variant 1,  
gi|229577335|ref|NM\_001001732.3| Homo sapiens coiled-coil and C2 domain containing 2B (CC2D2B), trar

gi|229577345|ref|NR\_027632.1| Homo sapiens family with sequence similarity 35, member B (FAM35B), nc

gi|229577353|ref|NM\_152397.2| Homo sapiens IQ motif containing F1 (IQCF1), mRNA;

gi|229577365|ref|NR\_027634.1| Homo sapiens family with sequence similarity 35, member B2 (pseudogen

gi|229577390|ref|NM\_032709.2| Homo sapiens pyridine nucleotide-disulphide oxidoreductase domain 2 (F

gi|229577400|ref|NM\_014038.2| Homo sapiens basic leucine zipper and W2 domains 2 (BZW2), transcript v

gi|229577413|ref|NR\_024356.2| Homo sapiens fibrillarin-like 1 (FBLL1), non-coding RNA;

gi|229577421|ref|NM\_001159770.1| Homo sapiens solute carrier family 39 (metal ion transporter), membe

gi|229577437|ref|NM\_138793.3| Homo sapiens calcium activated nucleotidase 1 (CANT1), transcript variar

gi|229577438|ref|NR\_027635.1| Homo sapiens spermatogenesis associated 5-like 1 (SPATA5L1), transcript

gi|229606121|ref|NM\_174932.2| Homo sapiens BPI fold containing family C (BPIFC), mRNA;

gi|229608893|ref|NM\_181723.2| Homo sapiens EF-hand domain family, member A2 (EFHA2), mRNA;

gi|229608909|ref|NM\_032565.3| Homo sapiens emopamil binding protein-like (EBPL), mRNA;

gi|229608964|ref|NM\_014600.2| Homo sapiens EH-domain containing 3 (EHD3), mRNA;

gi|229608966|ref|NM\_032567.3| Homo sapiens spermatogenic leucine zipper 1 (SPZ1), mRNA;

gi|229892218|ref|NR\_027646.1| Homo sapiens ATP1A1 opposite strand (ATP1A1OS), transcript variant 1, n

gi|229892268|ref|NM\_002019.4| Homo sapiens fms-related tyrosine kinase 1 (vascular endothelial growth

gi|229892269|ref|NM\_015420.6| Homo sapiens DDB1 and CUL4 associated factor 13 (DCAF13), mRNA;

gi|229892271|ref|NR\_027642.1| Homo sapiens DDB1 and CUL4 associated factor 13 pseudogene 3 (DCAF1:

gi|229892272|ref|NM\_152996.2| Homo sapiens ST6 (alpha-N-acetyl-neuraminy-2,3-beta-galactosyl-1,3)-N-

gi|229892284|ref|NM\_172003.3| Homo sapiens COBW domain containing 2 (CBWD2), mRNA;

gi|229892305|ref|NM\_152524.5| Homo sapiens shugoshin-like 2 (S. pombe) (SGOL2), transcript variant 1, n

gi|229892325|ref|NM\_018134.2| Homo sapiens IQ motif containing C (IQCC), transcript variant 2, mRNA; gi

gi|23065528|ref|NM\_152237.1| Homo sapiens growth arrest-specific 2 like 1 (GAS2L1), transcript variant 3,

gi|23097239|ref|NM\_152892.1| Homo sapiens leucine-rich repeats and WD repeat domain containing 1 (LF

gi|23097309|ref|NM\_152310.1| Homo sapiens ELOVL fatty acid elongase 3 (ELOVL3), mRNA;

gi|23097320|ref|NM\_152604.1| Homo sapiens zinc finger protein 383 (ZNF383), mRNA;

gi|23110924|ref|NM\_002798.1| Homo sapiens proteasome (prosome, macropain) subunit, beta type, 6 (PS

gi|23110926|ref|NM\_002799.2| Homo sapiens proteasome (prosome, macropain) subunit, beta type, 7 (PS

gi|23110943|ref|NM\_002791.1| Homo sapiens proteasome (prosome, macropain) subunit, alpha type, 6 (P

gi|23110945|ref|NM\_002792.2| Homo sapiens proteasome (prosome, macropain) subunit, alpha type, 7 (P

gi|23110953|ref|NM\_001911.2| Homo sapiens cathepsin G (CTSG), mRNA;

gi|23110965|ref|NM\_022081.4| Homo sapiens Hermansky-Pudlak syndrome 4 (HPS4), transcript variant 1,

gi|23110977|ref|NM\_020070.2| Homo sapiens immunoglobulin lambda-like polypeptide 1 (IGLL1), transcrip

gi|23110983|ref|NM\_152868.1| Homo sapiens potassium inwardly-rectifying channel, subfamily J, member

gi|23110996|ref|NM\_023945.2| Homo sapiens membrane-spanning 4-domains, subfamily A, member 5 (M

gi|23110998|ref|NM\_139249.2| Homo sapiens membrane-spanning 4-domains, subfamily A, member 6E (N

gi|23111025|ref|NM\_013323.2| Homo sapiens sorting nexin 11 (SNX11), transcript variant 2, mRNA; gi|231

gi|23111037|ref|NM\_003100.2| Homo sapiens sorting nexin 2 (SNX2), mRNA;

gi|23111044|ref|NM\_003794.2| Homo sapiens sorting nexin 4 (SNX4), mRNA;

gi|23111045|ref|NM\_014426.2| Homo sapiens sorting nexin 5 (SNX5), transcript variant 2, mRNA; gi|23111

gi|23111056|ref|NM\_016224.3| Homo sapiens sorting nexin 9 (SNX9), mRNA;

gi|23111061|ref|NM\_004592.2| Homo sapiens splicing factor, suppressor of white-apricot homolog (Drosoj

gi|23111066|ref|NM\_030960.2| Homo sapiens sperm acrosome associated 1 (SPACA1), mRNA;

gi|231563299|ref|NM\_001010939.2| Homo sapiens lipase, family member J (LIPJ), mRNA;

gi|231567182|ref|NM\_001160094.1| Homo sapiens acyl-CoA thioesterase 13 (ACOT13), transcript variant 2

gi|231568449|ref|NM\_182848.3| Homo sapiens claudin 10 (CLDN10), transcript variant a, mRNA; gi|23156

gi|231569308|ref|NM\_006151.2| Homo sapiens lactoperoxidase (LPO), transcript variant 1, mRNA; gi|2315

gi|231571207|ref|NM\_000603.4| Homo sapiens nitric oxide synthase 3 (endothelial cell) (NOS3), transcript

gi|231573213|ref|NM\_015565.2| Homo sapiens listerin E3 ubiquitin protein ligase 1 (LTN1), mRNA;

gi|23199970|ref|NM\_152133.1| Homo sapiens T-cell activation RhoGTPase activating protein (TAGAP), tran

gi|23199972|ref|NM\_004906.3| Homo sapiens Wilms tumor 1 associated protein (WTAP), transcript varian

gi|23200040|ref|NM\_003820.2| Homo sapiens tumor necrosis factor receptor superfamily, member 14 (TN

gi|23238190|ref|NM\_004195.2| Homo sapiens tumor necrosis factor receptor superfamily, member 18 (TN

gi|23238191|ref|NM\_001192.2| Homo sapiens tumor necrosis factor receptor superfamily, member 17 (TN

gi|23238195|ref|NM\_000878.2| Homo sapiens interleukin 2 receptor, beta (IL2RB), mRNA;

gi|23238198|ref|NM\_032871.3| Homo sapiens RELT tumor necrosis factor receptor (RELT), transcript variar

gi|23238205|ref|NM\_012452.2| Homo sapiens tumor necrosis factor receptor superfamily, member 13B (T

gi|23238206|ref|NM\_014452.3| Homo sapiens tumor necrosis factor receptor superfamily, member 21 (TN

gi|23238209|ref|NM\_005731.2| Homo sapiens actin related protein 2/3 complex, subunit 2, 34kDa (ARPC2,

gi|23238212|ref|NM\_005717.2| Homo sapiens actin related protein 2/3 complex, subunit 5, 16kDa (ARPC5,

gi|23238218|ref|NM\_007068.2| Homo sapiens DMC1 dosage suppressor of mck1 homolog, meiosis-specific

gi|23238227|ref|NM\_019886.2| Homo sapiens carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 7

gi|23238232|ref|NM\_006353.2| Homo sapiens high mobility group nucleosomal binding domain 4 (HMGN4

gi|23238249|ref|NM\_014748.2| Homo sapiens sorting nexin 17 (SNX17), mRNA;

gi|23308500|ref|NM\_153025.1| Homo sapiens chromosome 16 open reading frame 55 (C16orf55), mRNA;

gi|23308504|ref|NM\_153035.1| Homo sapiens transcription elongation factor A (SII) N-terminal and centra

gi|23308536|ref|NM\_153038.1| Homo sapiens coiled-coil domain containing 140 (CCDC140), mRNA;

gi|23308540|ref|NM\_153027.1| Homo sapiens family with sequence similarity 218, member A (FAM218A),

gi|23308544|ref|NM\_153015.1| Homo sapiens transmembrane protein 74 (TMEM74), mRNA;

gi|23308688|ref|NM\_152260.1| Homo sapiens RNA pseudouridylate synthase domain containing 2 (RPUSD

gi|23308736|ref|NM\_145911.1| Homo sapiens zinc finger protein 23 (KOX 16) (ZNF23), mRNA;

gi|23312365|ref|NM\_001066.2| Homo sapiens tumor necrosis factor receptor superfamily, member 1B (TN

gi|23312377|ref|NM\_152226.1| Homo sapiens protein phosphatase, EF-hand calcium binding domain 1 (PP

gi|23312385|ref|NM\_006239.2| Homo sapiens protein phosphatase, EF-hand calcium binding domain 2 (PP

gi|23312389|ref|NM\_148911.1| Homo sapiens CHRNA7 (cholinergic receptor, nicotinic, alpha 7, exons 5-10

gi|23346635|ref|NM\_021044.2| Homo sapiens desert hedgehog (DHH), mRNA;

gi|23397455|ref|NM\_153208.1| Homo sapiens IQ motif containing K (IQCK), mRNA;

gi|23397472|ref|NM\_153215.1| Homo sapiens chromosome 3 open reading frame 45 (C3orf45), mRNA;

gi|23397517|ref|NM\_153237.1| Homo sapiens chromosome 9 open reading frame 71 (C9orf71), mRNA;

gi|23397531|ref|NM\_153244.1| Homo sapiens chromosome 10 open reading frame 111 (C10orf111), mRN

gi|23397571|ref|NM\_153270.1| Homo sapiens kelch-like 34 (Drosophila) (KLHL34), mRNA;

gi|23397573|ref|NM\_153271.1| Homo sapiens sorting nexin 33 (SNX33), mRNA;

gi|23397667|ref|NM\_005719.2| Homo sapiens actin related protein 2/3 complex, subunit 3, 21kDa (ARPC3,

gi|23397671|ref|NM\_014621.2| Homo sapiens homeobox D4 (HOXD4), mRNA;

gi|23397690|ref|NM\_152920.1| Homo sapiens egf-like module containing, mucin-like, hormone receptor-li

gi|23463325|ref|NM\_153216.1| Homo sapiens POU domain class 5, transcription factor 2 (POU5F2), mRNA

gi|23466420|ref|NR\_000006.8| Homo sapiens small nucleolar RNA, C/D box 21 (SNORD21), small nucleolar

gi|23503258|ref|NM\_153339.1| Homo sapiens pseudouridylate synthase-like 1 (PUSL1), mRNA;

gi|23503274|ref|NM\_153347.1| Homo sapiens transmembrane protein 86A (TMEM86A), mRNA;

gi|23503282|ref|NM\_153356.1| Homo sapiens TBC1 domain family, member 21 (TBC1D21), mRNA;

gi|23503290|ref|NM\_153360.1| Homo sapiens adenomatosis polyposis coli down-regulated 1-like (APCDD1

gi|23503292|ref|NM\_153357.1| Homo sapiens solute carrier family 16, member 11 (monocarboxylic acid tr

gi|23510288|ref|NM\_152386.2| Homo sapiens sphingosine-1-phosphate phosphatase 2 (SGPP2), mRNA;

gi|23510347|ref|NM\_016614.2| Homo sapiens tyrosyl-DNA phosphodiesterase 2 (TDP2), mRNA;

gi|23510353|ref|NM\_020675.3| Homo sapiens SPC25, NDC80 kinetochore complex component, homolog (

gi|23510354|ref|NM\_032021.2| Homo sapiens transmembrane protein 133 (TMEM133), mRNA;

gi|23510355|ref|NM\_031480.2| Homo sapiens RIO kinase 1 (yeast) (RIOK1), transcript variant 1, mRNA; gi|

gi|23510367|ref|NM\_021192.2| Homo sapiens homeobox D11 (HOXD11), mRNA;

gi|23510372|ref|NM\_006898.4| Homo sapiens homeobox D3 (HOXD3), mRNA;

gi|23510409|ref|NM\_153187.1| Homo sapiens solute carrier family 22 (organic cation transporter), membe

gi|23510450|ref|NM\_001640.3| Homo sapiens N-acylaminoacyl-peptide hydrolase (APEH), mRNA;

gi|23510452|ref|NM\_021149.2| Homo sapiens coactosin-like 1 (Dictyostelium) (COTL1), mRNA;

gi|23592221|ref|NM\_153444.1| Homo sapiens olfactory receptor, family 5, subfamily P, member 2 (OR5P2

gi|23592229|ref|NM\_153445.1| Homo sapiens olfactory receptor, family 5, subfamily P, member 3 (OR5P3

gi|23592231|ref|NM\_153450.1| Homo sapiens mediator complex subunit 19 (MED19), mRNA;

gi|23592241|ref|NM\_153453.1| Homo sapiens vestigial like 2 (Drosophila) (VGLL2), transcript variant 2, mR

gi|236456829|ref|NM\_001971.5| Homo sapiens chymotrypsin-like elastase family, member 1 (CELA1), mRN

gi|236459772|ref|NM\_033440.2| Homo sapiens chymotrypsin-like elastase family, member 2A (CELA2A), r

gi|236459850|ref|NM\_173569.3| Homo sapiens ubiquitin 2 (UBN2), mRNA;

gi|236460049|ref|NM\_005747.4| Homo sapiens chymotrypsin-like elastase family, member 3A (CELA3A), r

gi|236460554|ref|NM\_001160124.1| Homo sapiens Kruppel-like factor 6 (KLF6), transcript variant B, mRNA

gi|236462241|ref|NM\_001160134.1| Homo sapiens potassium voltage-gated channel, KQT-like subfamily, r

gi|236463299|ref|NM\_001160138.1| Homo sapiens chromosome 7 open reading frame 63 (C7orf63), trans

gi|236463968|ref|NM\_001160005.1| Homo sapiens neuregulin 1 (NRG1), transcript variant HRG-beta3b, m

gi|236465444|ref|NM\_001142861.2| Homo sapiens SMAD family member 6 (SMAD6), transcript variant 2,

gi|237512939|ref|NM\_001965.3| Homo sapiens early growth response 4 (EGR4), mRNA;

gi|237512950|ref|NM\_001160183.1| Homo sapiens zinc finger protein 138 (ZNF138), transcript variant 2, n

gi|237512958|ref|NM\_001160154.1| Homo sapiens mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylgl

gi|237512966|ref|NM\_014275.4| Homo sapiens mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylgluco

gi|237512995|ref|NM\_001160166.1| Homo sapiens histamine receptor H4 (HRH4), transcript variant 3, mR

gi|237648958|ref|NM\_020784.2| Homo sapiens thioredoxin domain containing 16 (TXNDC16), transcript va

gi|237649014|ref|NM\_006824.2| Homo sapiens EBNA1 binding protein 2 (EBNA1BP2), transcript variant 2,

gi|237649033|ref|NM\_014252.3| Homo sapiens solute carrier family 25 (mitochondrial carrier; ornithine tr

gi|237649048|ref|NM\_177542.2| Homo sapiens small nuclear ribonucleoprotein D2 polypeptide 16.5kDa (S

gi|237649073|ref|NM\_024537.2| Homo sapiens cysteinyl-tRNA synthetase 2, mitochondrial (putative) (CAR

gi|237649097|ref|NM\_020120.3| Homo sapiens UDP-glucose glycoprotein glucosyltransferase 1 (UGGT1), t

gi|237649100|ref|NM\_024329.5| Homo sapiens EF-hand domain family, member D2 (EFHD2), mRNA;

gi|237649101|ref|NM\_022051.2| Homo sapiens egl nine homolog 1 (C. elegans) (EGLN1), mRNA;

gi|237649102|ref|NM\_139265.3| Homo sapiens EH-domain containing 4 (EHD4), mRNA;

gi|237649108|ref|NM\_001160036.1| Homo sapiens Rho-related BTB domain containing 2 (RHOBTB2), trans

gi|237649115|ref|NM\_000662.5| Homo sapiens N-acetyltransferase 1 (arylamine N-acetyltransferase) (NA1

gi|237649116|ref|NM\_001031709.2| Homo sapiens renalase, FAD-dependent amine oxidase (RNLS), trans

gi|237681063|ref|NM\_016083.4| Homo sapiens cannabinoid receptor 1 (brain) (CNR1), transcript variant 1,

gi|237681087|ref|NR\_027674.1| Homo sapiens adenosine deaminase, RNA-specific, B1 (ADARB1), transcrip

gi|237681108|ref|NM\_001160233.1| Homo sapiens ATPase, Na<sup>+</sup>/K<sup>+</sup> transporting, alpha 1 polypeptide (ATP

gi|237681122|ref|NM\_007298.3| Homo sapiens breast cancer 1, early onset (BRCA1), transcript variant 4, r

gi|237681193|ref|NM\_001024613.2| Homo sapiens FEZ family zinc finger 1 (FEZF1), transcript variant 1, mF

gi|237681201|ref|NM\_019644.3| Homo sapiens ankyrin repeat domain 7 (ANKRD7), mRNA;

gi|237681205|ref|NR\_027686.1| Homo sapiens long intergenic non-protein coding RNA 176 (LINC00176), tr

gi|237757299|ref|NM\_001160301.1| Homo sapiens dihydropyrimidine dehydrogenase (DPYD), transcript v

gi|237757303|ref|NM\_024165.2| Homo sapiens PHD finger protein 1 (PHF1), transcript variant 2, mRNA; gi

gi|237757306|ref|NM\_002161.4| Homo sapiens isoleucyl-tRNA synthetase (IARS), transcript variant short, r  
gi|237757307|ref|NM\_203446.2| Homo sapiens synaptojanin 1 (SYNJ1), transcript variant 2, mRNA; gi|237  
gi|237757327|ref|NM\_138983.2| Homo sapiens oligodendrocyte transcription factor 1 (OLIG1), mRNA;  
gi|237757340|ref|NM\_174897.2| Homo sapiens BPI fold containing family B, member 6 (BPIFB6), mRNA;  
gi|237757343|ref|NM\_001160147.1| Homo sapiens DDHD domain containing 1 (DDHD1), transcript variant  
gi|237757352|ref|NM\_001160168.1| Homo sapiens proline rich 5 like (PRR5L), transcript variant 3, mRNA; i  
gi|237757354|ref|NM\_201548.4| Homo sapiens ceramide kinase-like (CERKL), transcript variant 1, mRNA; g  
gi|237820619|ref|NM\_031485.3| Homo sapiens glutamate-rich WD repeat containing 1 (GRWD1), mRNA;  
gi|237820621|ref|NM\_032129.2| Homo sapiens pleckstrin homology domain containing, family N member  
gi|237820625|ref|NR\_027693.1| Homo sapiens chromosome 1 open reading frame 170 (C1orf170), non-co  
gi|237820669|ref|NR\_027695.1| Homo sapiens Down syndrome critical region gene 10 (non-protein coding  
gi|237858573|ref|NM\_052988.4| Homo sapiens cyclin-dependent kinase 10 (CDK10), transcript variant a, n  
gi|237858620|ref|NM\_001160213.1| Homo sapiens polyamine modulated factor 1 binding protein 1 (PMFE  
gi|237858657|ref|NM\_001160225.1| Homo sapiens ring finger protein 170 (RNF170), transcript variant 4, n  
gi|237858659|ref|NM\_001160325.1| Homo sapiens olfactory receptor, family 6, subfamily P, member 1 (Ol  
gi|237858669|ref|NM\_001160116.1| Homo sapiens chromosome 15 open reading frame 40 (C15orf40), tra  
gi|237858700|ref|NM\_001160244.1| Homo sapiens RPA interacting protein (RPAIN), transcript variant 3, m  
gi|237858796|ref|NM\_001160355.1| Homo sapiens lymphocyte antigen 6 complex, locus K (LY6K), transcrip  
gi|237858798|ref|NM\_001145128.2| Homo sapiens adenylate kinase domain containing 1 (AKD1), transcrip  
gi|237874147|ref|NR\_027701.1| Homo sapiens long intergenic non-protein coding RNA 346 (LINC00346), n  
gi|237874230|ref|NR\_027696.1| Homo sapiens uncharacterized FLJ39653 (FLJ39653), transcript variant 1, r  
gi|237874248|ref|NM\_212559.2| Homo sapiens XK, Kell blood group complex subunit-related, X-linked (XKI  
gi|237874265|ref|NR\_027706.1| Homo sapiens uncharacterized FLJ11235 (FLJ11235), non-coding RNA;  
gi|237874287|ref|NM\_138463.3| Homo sapiens TLC domain containing 1 (TLCD1), transcript variant 1, mRNA  
gi|238018049|ref|NM\_004012.3| Homo sapiens dystrophin (DMD), transcript variant Dp260-2, mRNA; gi|2  
gi|238018097|ref|NR\_027708.1| Homo sapiens IDI2 antisense RNA 1 (non-protein coding) (IDI2-AS1), trans  
gi|238231396|ref|NM\_144716.3| Homo sapiens coiled-coil domain containing 12 (CCDC12), mRNA;  
gi|238231430|ref|NM\_003863.3| Homo sapiens dolichyl-phosphate mannosyltransferase polypeptide 2, re  
gi|238231452|ref|NM\_001947.3| Homo sapiens dual specificity phosphatase 7 (DUSP7), mRNA;  
gi|238550097|ref|NM\_024847.3| Homo sapiens transmembrane channel-like 7 (TMC7), transcript variant 1  
gi|238550101|ref|NM\_006026.3| Homo sapiens H1 histone family, member X (H1FX), mRNA;  
gi|238550104|ref|NM\_024860.2| Homo sapiens SET domain containing 6 (SETD6), transcript variant 2, mRNA  
gi|238550156|ref|NM\_001160390.1| Homo sapiens tRNA phosphotransferase 1 (TRPT1), transcript variant  
gi|238550158|ref|NM\_004452.3| Homo sapiens estrogen-related receptor beta (ESRRB), mRNA;  
gi|238550171|ref|NM\_000200.2| Homo sapiens histatin 3 (HTN3), mRNA;  
gi|238550186|ref|NM\_032028.3| Homo sapiens testis-specific serine kinase 1B (TSSK1B), mRNA;  
gi|238550197|ref|NM\_001160329.1| Homo sapiens synaptotagmin III (SYT3), transcript variant 3, mRNA; gi  
gi|238550200|ref|NM\_003324.4| Homo sapiens tubby like protein 3 (TULP3), transcript variant 1, mRNA; gi  
gi|238550209|ref|NM\_001160418.1| Homo sapiens Z-DNA binding protein 1 (ZBP1), transcript variant 3, m  
gi|238624094|ref|NM\_031915.2| Homo sapiens SET domain, bifurcated 2 (SETDB2), transcript variant 1, m  
gi|238624109|ref|NM\_001161334.1| Homo sapiens histone cluster 2, H2bf (HIST2H2BF), transcript variant  
gi|238624121|ref|NM\_031466.5| Homo sapiens trafficking protein particle complex 9 (TRAPPC9), transcript  
gi|238624128|ref|NM\_001014797.2| Homo sapiens potassium large conductance calcium-activated channe  
gi|238624146|ref|NM\_001161363.1| Homo sapiens neuroplastin (NPTN), transcript variant c, mRNA; gi|23  
gi|238624154|ref|NM\_174975.4| Homo sapiens SEC14-like 3 (S. cerevisiae) (SEC14L3), transcript variant 1,  
gi|238624165|ref|NM\_174977.3| Homo sapiens SEC14-like 4 (S. cerevisiae) (SEC14L4), transcript variant 1,  
gi|238624187|ref|NM\_080870.3| Homo sapiens diffuse panbronchiolitis critical region 1 (DPCR1), mRNA;

gi|238624194|ref|NM\_001161376.1| Homo sapiens chromosome 6 open reading frame 136 (C6orf136), tra

gi|238624256|ref|NM\_001160423.1| Homo sapiens insulin-like growth factor 2 mRNA binding protein 1 (IG

gi|238637345|ref|NM\_001105576.2| Homo sapiens sosondowah ankyrin repeat domain family member D (

gi|238637346|ref|NM\_178434.2| Homo sapiens late cornified envelope 3C (LCE3C), mRNA;

gi|238776785|ref|NM\_001161403.1| Homo sapiens LIM and senescent cell antigen-like domains 2 (LIMS2),

gi|238776832|ref|NM\_005782.3| Homo sapiens Aly/REF export factor (ALYREF), mRNA;

gi|238814301|ref|NM\_001161415.1| Homo sapiens G protein-coupled receptor 17 (GPR17), transcript vari

gi|238814329|ref|NR\_027752.1| Homo sapiens aldehyde dehydrogenase 1 family, member L2 (ALDH1L2), t

gi|238859539|ref|NM\_170726.2| Homo sapiens aldehyde dehydrogenase 4 family, member A1 (ALDH4A1),

gi|238859544|ref|NM\_003323.2| Homo sapiens tubby like protein 2 (TULP2), mRNA;

gi|238859556|ref|NM\_002918.4| Homo sapiens regulatory factor X, 1 (influences HLA class II expression) (F

gi|238859566|ref|NR\_027714.1| Homo sapiens ARP3 actin-related protein 3 homolog B (yeast) pseudogene

gi|238859571|ref|NR\_027688.2| Homo sapiens olfactory receptor, family 7, subfamily E, member 5 pseudo

gi|238859592|ref|NM\_020121.3| Homo sapiens UDP-glucose glycoprotein glucosyltransferase 2 (UGGT2), r

gi|238859596|ref|NM\_015014.2| Homo sapiens RNA binding motif protein 34 (RBM34), transcript variant 1

gi|238859646|ref|NM\_032787.2| Homo sapiens G protein-coupled receptor 128 (GPR128), mRNA;

gi|238859648|ref|NM\_198695.2| Homo sapiens keratin associated protein 10-8 (KRTAP10-8), mRNA;

gi|238859652|ref|NM\_001161354.1| Homo sapiens pleckstrin homology domain containing, family A (phos

gi|238859656|ref|NR\_027749.1| Homo sapiens tetratricopeptide repeat domain 31 (TTC31), transcript vari

gi|238859659|ref|NR\_027754.1| Homo sapiens carcinoembryonic antigen-related cell adhesion molecule 2,

gi|238859660|ref|NR\_027755.1| Homo sapiens uncharacterized LOC283867 (LOC283867), non-coding RNA,

gi|238859661|ref|NR\_027756.1| Homo sapiens uncharacterized LOC283902 (HTA), non-coding RNA;

gi|238908494|ref|NM\_001161498.1| Homo sapiens pleckstrin homology domain containing, family D (with

gi|238908496|ref|NM\_003843.3| Homo sapiens sciellin (SCEL), transcript variant 2, mRNA; gi|238908498|r

gi|238908504|ref|NM\_001160708.1| Homo sapiens polymerase (RNA) III (DNA directed) polypeptide B (PO

gi|238908507|ref|NM\_001161528.1| Homo sapiens leucine-rich repeats and death domain containing 1 (LF

gi|238908509|ref|NM\_006140.4| Homo sapiens colony stimulating factor 2 receptor, alpha, low-affinity (gr

gi|238908523|ref|NM\_001161546.1| Homo sapiens chromosome 5 open reading frame 65 (C5orf65), mRN.

gi|239046602|ref|NR\_027711.1| Homo sapiens olfactory receptor, family 5, subfamily E, member 1 pseudo

gi|239046617|ref|NR\_027712.1| Homo sapiens phosphatidylinositol-4-phosphate 5-kinase, type I, pseudog

gi|239046636|ref|NR\_027713.1| Homo sapiens keratin 8 pseudogene 41 (KRT8P41), non-coding RNA;

gi|239046692|ref|NR\_027715.1| Homo sapiens uncharacterized LOC80094 (FLJ14107), non-coding RNA;

gi|239046737|ref|NM\_019080.2| Homo sapiens Nedd4 family interacting protein 2 (NDFIP2), transcript var

gi|239047270|ref|NM\_015104.2| Homo sapiens ATG2 autophagy related 2 homolog A (S. cerevisiae) (ATG2

gi|239047342|ref|NM\_017826.2| Homo sapiens spermatogenesis and oogenesis specific basic helix-loop-he

gi|239047497|ref|NM\_001161331.1| Homo sapiens slingshot homolog 1 (Drosophila) (SSH1), transcript var

gi|239047794|ref|NM\_175058.4| Homo sapiens pleckstrin homology domain containing, family A member

gi|239047826|ref|NM\_014975.2| Homo sapiens microtubule associated serine/threonine kinase 1 (MAST1)

gi|239048349|ref|NM\_001161572.1| Homo sapiens v-maf musculoaponeurotic fibrosarcoma oncogene hor

gi|239048791|ref|NM\_001161344.1| Homo sapiens checkpoint with forkhead and ring finger domains, E3 u

gi|239049390|ref|NM\_033467.3| Homo sapiens membrane metallo-endopeptidase-like 1 (MMEL1), mRNA;

gi|239049446|ref|NM\_001161586.1| Homo sapiens malic enzyme 3, NADP(+)-dependent, mitochondrial (N

gi|239049456|ref|NM\_001161358.1| Homo sapiens FCH domain only 1 (FCHO1), transcript variant 3, mRN/

gi|239049633|ref|NR\_027763.1| Homo sapiens glycogen synthase 1 (muscle) (GYS1), transcript variant 3, n

gi|23943885|ref|NM\_139282.1| Homo sapiens Rhox homeobox family, member 1 (RHOXF1), mRNA;

gi|239508819|ref|XM\_002344280.1| PREDICTED: Homo sapiens hypothetical protein LOC100289196 (LOC1

gi|239509129|ref|XM\_001719449.2| PREDICTED: Homo sapiens hypothetical protein LOC442366 (LOC4423



gi|23957679|ref|NM\_153615.1| Homo sapiens ral guanine nucleotide dissociation stimulator-like 4 (RGL4),  
gi|23957699|ref|NM\_153608.1| Homo sapiens zinc finger protein 114 (ZNF114), mRNA;  
gi|239582716|ref|NM\_001031692.2| Homo sapiens leucine rich repeat containing 17 (LRRC17), transcript v  
gi|239582719|ref|NM\_173681.5| Homo sapiens ATG9 autophagy related 9 homolog B (S. cerevisiae) (ATG9  
gi|239582721|ref|NM\_001109809.2| Homo sapiens zinc finger protein 57 homolog (mouse) (ZFP57), mRNA  
gi|239582723|ref|NM\_002467.4| Homo sapiens v-myc myelocytomatosis viral oncogene homolog (avian) (l  
gi|239582729|ref|NR\_027765.1| Homo sapiens SET binding factor 1 pseudogene 1 (SBF1P1), non-coding RN  
gi|239582734|ref|NM\_001161664.1| Homo sapiens radial spoke head 4 homolog A (Chlamydomonas) (RSP  
gi|239582740|ref|NM\_014907.2| Homo sapiens FERM and PDZ domain containing 1 (FRMPD1), mRNA;  
gi|239582744|ref|NM\_001161429.1| Homo sapiens RAN binding protein 3-like (RANBP3L), transcript variar  
gi|239582752|ref|NM\_054032.3| Homo sapiens MAS-related GPR, member X4 (MRGPRX4), mRNA;  
gi|239582754|ref|NM\_033054.2| Homo sapiens myosin IG (MYO1G), mRNA;  
gi|239582756|ref|NM\_020641.2| Homo sapiens chromosome 9 open reading frame 11 (C9orf11), transcrip  
gi|239582760|ref|NM\_019891.3| Homo sapiens ERO1-like beta (S. cerevisiae) (ERO1LB), mRNA;  
gi|239582764|ref|NM\_001161616.1| Homo sapiens ral guanine nucleotide dissociation stimulator-like 3 (R  
gi|239582766|ref|NM\_017857.3| Homo sapiens slingshot homolog 3 (Drosophila) (SSH3), mRNA;  
gi|239582770|ref|NR\_027753.1| Homo sapiens hedgehog acyltransferase-like (HHATL), transcript variant 2,  
gi|239582771|ref|NM\_024520.2| Homo sapiens chromosome 2 open reading frame 47 (C2orf47), mRNA;  
gi|239735497|ref|NR\_015341.2| Homo sapiens leucine rich repeat containing 37B pseudogene 1 (LRRC37B)  
gi|239735498|ref|NR\_002949.2| Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif  
gi|239735503|ref|NR\_003683.2| Homo sapiens Alstrom syndrome 1 pseudogene (ALMS1P), non-coding RN  
gi|239735507|ref|NM\_001161625.1| Homo sapiens nucleoredoxin-like 2 (NXNL2), transcript variant 1, mRN  
gi|239735513|ref|NM\_023067.3| Homo sapiens forkhead box L2 (FOX L2), mRNA;  
gi|239735514|ref|NM\_152709.4| Homo sapiens storkhead box 1 (STOX1), transcript variant 1, mRNA; gi|23  
gi|239735518|ref|NM\_002972.2| Homo sapiens SET binding factor 1 (SBF1), mRNA;  
gi|239735538|ref|NR\_027761.1| Homo sapiens A20-binding inhibitor of NF-kappaB activation 2 pseudogen  
gi|239735568|ref|NM\_198182.2| Homo sapiens grainyhead-like 1 (Drosophila) (GRHL1), mRNA;  
gi|239735573|ref|NM\_170664.2| Homo sapiens otoancorin (OTOA), transcript variant 2, mRNA; gi|239735  
gi|239735579|ref|NM\_001161560.1| Homo sapiens TRAF2 and NCK interacting kinase (TNIK), transcript var  
gi|239735595|ref|NM\_173490.6| Homo sapiens transmembrane protein 171 (TMEM171), transcript varian  
gi|239735599|ref|NM\_152665.2| Homo sapiens Tctex1 domain containing 1 (TCTEX1D1), mRNA;  
gi|239735602|ref|NM\_182595.3| Homo sapiens POM121 transmembrane nucleoporin-like 12 (POM121L12  
gi|239735604|ref|NM\_018296.5| Homo sapiens leucine rich repeat containing 36 (LRRC36), transcript varia  
gi|239741049|ref|XM\_928401.3| PREDICTED: Homo sapiens PRAME family member (LOC645359), mRNA;  
gi|239741133|ref|XM\_002342076.1| PREDICTED: Homo sapiens hypothetical protein LOC100287437 (LOC1  
gi|239741320|ref|XM\_002342152.1| PREDICTED: Homo sapiens hypothetical protein LOC100288037 (LOC1  
gi|239741582|ref|XM\_001723862.2| PREDICTED: Homo sapiens hypothetical protein LOC100130921 (LOC1  
gi|239741917|ref|XM\_002342310.1| PREDICTED: Homo sapiens hypothetical protein LOC100287387 (LOC1  
gi|239742495|ref|XM\_001131132.2| PREDICTED: Homo sapiens putative TAF11-like protein ENSP00000332  
gi|239742496|ref|XM\_001131091.2| PREDICTED: Homo sapiens putative TAF11-like protein ENSP00000332  
gi|239742497|ref|XM\_001131099.2| PREDICTED: Homo sapiens putative TAF11-like protein ENSP00000332  
gi|239742499|ref|XM\_377884.3| PREDICTED: Homo sapiens putative TAF11-like protein ENSP00000332601  
gi|239742552|ref|XM\_002342510.1| PREDICTED: Homo sapiens hypothetical protein LOC100289379 (LOC1  
gi|239742809|ref|XM\_927529.4| PREDICTED: Homo sapiens glucosaminyl (N-acetyl) transferase 6 (GCNT6),  
gi|239743020|ref|XM\_001127163.3| PREDICTED: Homo sapiens hypothetical protein LOC728316 (LOC7283  
gi|239743677|ref|XM\_002342902.1| PREDICTED: Homo sapiens hypothetical protein LOC100287493 (LOC1  
gi|239743771|ref|XM\_001719283.2| PREDICTED: Homo sapiens protein FAM27E3-like (LOC100132439), ml

gi|239743952|ref|XM\_001726942.2| PREDICTED: Homo sapiens hemicentin 2 (HMCN2), mRNA; gi|2397551  
gi|239743996|ref|XM\_002342972.1| PREDICTED: Homo sapiens protein artemis-like (LOC100289151), mRN  
gi|239744420|ref|XM\_001717040.2| PREDICTED: Homo sapiens hypothetical protein LOC100127946 (LOC1  
gi|239744820|ref|XM\_001716667.2| PREDICTED: Homo sapiens hypothetical protein LOC731932 (LOC7319  
gi|239744845|ref|XM\_001717566.2| PREDICTED: Homo sapiens UPF0607 protein ENSP00000383144-like (L  
gi|239745148|ref|XM\_001724746.2| PREDICTED: Homo sapiens putative golgin subfamily A member 8I-like  
gi|239746113|ref|XM\_002344152.1| PREDICTED: Homo sapiens hypothetical protein LOC100287367 (LOC1  
gi|239746142|ref|XM\_001130308.3| PREDICTED: Homo sapiens methyl-CpG-binding domain protein 3-like  
gi|239746514|ref|XM\_001722384.2| PREDICTED: Homo sapiens hypothetical protein LOC100130589 (LOC1  
gi|239746625|ref|XM\_001719315.2| PREDICTED: Homo sapiens immunoglobulin superfamily member 3-lik  
gi|239746663|ref|XM\_001715205.2| PREDICTED: Homo sapiens immunoglobulin superfamily member 3-lik  
gi|239746993|ref|XM\_002344440.1| PREDICTED: Homo sapiens family with sequence similarity 197, Y-link  
gi|239746997|ref|XM\_002344441.1| PREDICTED: Homo sapiens family with sequence similarity 197, Y-link  
gi|239746999|ref|XM\_002344442.1| PREDICTED: Homo sapiens family with sequence similarity 197, Y-link  
gi|239747003|ref|XM\_002344200.1| PREDICTED: Homo sapiens family with sequence similarity 197, Y-link  
gi|239747009|ref|XM\_002344201.1| PREDICTED: Homo sapiens family with sequence similarity 197, Y-link  
gi|239747081|ref|XM\_002344448.1| PREDICTED: Homo sapiens 60S ribosomal protein L36-like (LOC100285  
gi|239747140|ref|XM\_002343882.1| PREDICTED: Homo sapiens zinc finger protein 717-like (LOC100287163  
gi|239752896|ref|XM\_001713923.2| PREDICTED: Homo sapiens myomegalin-like (LOC728802), mRNA;  
gi|239752907|ref|XM\_001715471.2| PREDICTED: Homo sapiens UPF0607 protein ENSP00000383783-like (L  
gi|239753101|ref|XM\_002345507.1| PREDICTED: Homo sapiens hypothetical protein LOC100292909 (LOC1  
gi|239753306|ref|XM\_001717443.2| PREDICTED: Homo sapiens hypothetical protein LOC339760 (LOC3397  
gi|239753899|ref|XM\_001719518.2| PREDICTED: Homo sapiens hypothetical protein LOC100128869 (LOC1  
gi|239756355|ref|XM\_001714437.2| PREDICTED: Homo sapiens hypothetical protein LOC440292 (LOC4402  
gi|239756384|ref|XM\_002344870.1| PREDICTED: Homo sapiens A disintegrin and metalloproteinase with tl  
gi|239756793|ref|XM\_001714712.2| PREDICTED: Homo sapiens keratin-associated protein 4-8-like, transcr  
gi|239757334|ref|XM\_001713771.2| PREDICTED: Homo sapiens chromosome 19 open reading frame 68 (C  
gi|239757338|ref|XM\_002345211.1| PREDICTED: Homo sapiens hypothetical protein LOC100291689 (LOC1  
gi|239757549|ref|XM\_002345438.1| PREDICTED: Homo sapiens B melanoma antigen 2-like (LOC100291796  
gi|239757618|ref|XM\_002345462.1| PREDICTED: Homo sapiens ankyrin repeat domain-containing protein  
gi|239758000|ref|XM\_001718943.2| PREDICTED: Homo sapiens double homeobox protein 4-like (LOC1001  
gi|239758066|ref|XM\_001719844.2| PREDICTED: Homo sapiens hypothetical protein LOC652586 (LOC6525  
gi|239758068|ref|XM\_001721786.2| PREDICTED: Homo sapiens protein FRG1B-like, transcript variant 2 (LO  
gi|239787079|ref|NM\_030972.3| Homo sapiens zinc finger protein 611 (ZNF611), transcript variant 1, mRN  
gi|239787093|ref|NM\_001161527.1| Homo sapiens TNFAIP3 interacting protein 2 (TNIP2), transcript vari  
gi|239787100|ref|NM\_001161426.1| Homo sapiens zinc finger protein 610 (ZNF610), transcript variant 2, n  
gi|239787136|ref|NR\_003561.2| Homo sapiens dpy-19-like 2 pseudogene 2 (C. elegans) (DPY19L2P2), trans  
gi|239787150|ref|NM\_001161705.1| Homo sapiens beaded filament structural protein 1, filensin (BFSP1), t  
gi|239787167|ref|NM\_000144.4| Homo sapiens frataxin (FXN), nuclear gene encoding mitochondrial protei  
gi|239787749|ref|NM\_003975.3| Homo sapiens SH2 domain containing 2A (SH2D2A), transcript variant 2, r  
gi|239787753|ref|NM\_015426.4| Homo sapiens POC1 centriolar protein homolog A (Chlamydomonas) (POC  
gi|239787786|ref|NM\_001161707.1| Homo sapiens kin of IRRE like 3 (Drosophila) (KIRREL3), transcript vari  
gi|239787820|ref|NM\_001161708.1| Homo sapiens syncoilin, intermediate filament protein (SYNC), transcr  
gi|239787828|ref|NM\_015710.4| Homo sapiens glioma tumor suppressor candidate region gene 2 (GLTSCR  
gi|239787833|ref|NM\_015139.2| Homo sapiens solute carrier family 35 (UDP-glucuronic acid/UDP-N-acety  
gi|239787843|ref|NM\_001161584.1| Homo sapiens testis expressed 10 (TEX10), transcript variant 2, mRNA  
gi|239787876|ref|NR\_027775.1| Homo sapiens postmeiotic segregation increased 2 pseudogene 5 (PMS2P

gi|239787895|ref|NM\_012263.4| Homo sapiens tubulin tyrosine ligase-like family, member 1 (TTLL1), transcript variant 1, mRNA;

gi|239787903|ref|NM\_001003681.2| Homo sapiens HMG box domain containing 4 (HMGXB4), transcript variant 1, mRNA;

gi|239787918|ref|NM\_032832.5| Homo sapiens low density lipoprotein receptor-related protein 11 (LRP11), transcript variant 1, mRNA;

gi|239788461|ref|NM\_020175.2| Homo sapiens dihydrouridine synthase 3-like (*S. cerevisiae*) (DUS3L), transcript variant 1, mRNA;

gi|239788845|ref|NR\_027764.1| Homo sapiens developmental pluripotency associated 2 pseudogene (LOC101928141), non-coding RNA;

gi|239788848|ref|NM\_001161465.1| Homo sapiens jumonji domain containing 4 (JMJD4), transcript variant 1, mRNA;

gi|239835723|ref|NM\_001161522.1| Homo sapiens kelch-like 2, Mayven (*Drosophila*) (KLHL2), transcript variant 1, mRNA;

gi|239835749|ref|NR\_027781.1| Homo sapiens metallothionein 1D, pseudogene (MT1DP), transcript variant 1, mRNA;

gi|239835750|ref|NR\_027782.1| Homo sapiens pleckstrin homology domain containing, family M (with RUI1 domain) (PLEKHM), non-coding RNA;

gi|239835751|ref|NM\_004181.4| Homo sapiens ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase) (UBT1), transcript variant 1, mRNA;

gi|239835753|ref|NM\_002970.2| Homo sapiens spermidine/spermine N1-acetyltransferase 1 (SAT1), transcript variant 1, mRNA;

gi|239835754|ref|NR\_003290.2| Homo sapiens EP400 N-terminal like (EP400NL), non-coding RNA;

gi|239835758|ref|NR\_027300.2| Homo sapiens complement component 3 precursor pseudogene (C3P1), non-coding RNA;

gi|239835766|ref|NM\_138815.3| Homo sapiens developmental pluripotency associated 2 (DPPA2), mRNA;

gi|239915969|ref|NM\_006172.3| Homo sapiens natriuretic peptide A (NPPA), mRNA;

gi|239915975|ref|NM\_001008749.2| Homo sapiens RAB19, member RAS oncogene family (RAB19), mRNA;

gi|239915984|ref|NM\_001161727.1| Homo sapiens phospholipase A2, group IIA (platelets, synovial fluid) (PLA2G2A), transcript variant 1, mRNA;

gi|239915992|ref|NM\_001080467.2| Homo sapiens myosin VB (MYO5B), mRNA;

gi|239915993|ref|NM\_002644.3| Homo sapiens polymeric immunoglobulin receptor (PIGR), mRNA;

gi|239916000|ref|NM\_030657.3| Homo sapiens lens intrinsic membrane protein 2, 19kDa (LIM2), transcript variant 1, mRNA;

gi|239916003|ref|NR\_027786.1| Homo sapiens serine hydrolase-like (SERHL), non-coding RNA;

gi|239916008|ref|NR\_027788.1| Homo sapiens zinc finger family member 767 (ZNF767), transcript variant 1, mRNA;

gi|239937450|ref|NM\_001161766.1| Homo sapiens adenosylhomocysteinase (AHCY), transcript variant 2, mRNA;

gi|239937464|ref|NR\_027790.1| Homo sapiens long intergenic non-protein coding RNA 478 (LINC00478), transcript variant 1, non-coding RNA;

gi|239937472|ref|NR\_027793.1| Homo sapiens long intergenic non-protein coding RNA 518 (LINC00518), non-coding RNA;

gi|239937473|ref|NR\_027794.1| Homo sapiens chromosome 3 open reading frame 17 (C3orf17), transcript variant 1, mRNA;

gi|239937476|ref|NR\_027795.1| Homo sapiens butyrophilin, subfamily 2, member A3, pseudogene (BTN2A3), non-coding RNA;

gi|239985425|ref|NM\_001161780.1| Homo sapiens pyruvate dehydrogenase phosphatase catalytic subunit 1 (PDHC-E), transcript variant 1, mRNA;

gi|240120028|ref|NM\_001161814.1| Homo sapiens D-amino acid oxidase activator (DAOA), transcript variant 1, mRNA;

gi|240120081|ref|NM\_007281.2| Homo sapiens stimulator of chondrogenesis 1 (SCRG1), mRNA;

gi|240120085|ref|NR\_027822.1| Homo sapiens major histocompatibility complex, class I, L (pseudogene) (HLA-B\*08:01:1), non-coding RNA;

gi|240120160|ref|NM\_001161808.1| Homo sapiens G protein-coupled receptor 144 (GPR144), mRNA;

gi|240255476|ref|NM\_018837.3| Homo sapiens sulfatase 2 (SULF2), transcript variant 1, mRNA; gi|240255477|ref|NM\_018837.3| Homo sapiens sulfatase 2 (SULF2), transcript variant 2, mRNA;

gi|240255504|ref|NM\_020822.2| Homo sapiens potassium channel, subfamily T, member 1 (KCNT1), mRNA;

gi|240255539|ref|NM\_057165.4| Homo sapiens collagen, type VI, alpha 3 (COL6A3), transcript variant 3, mRNA;

gi|240255593|ref|NM\_018844.3| Homo sapiens B-cell receptor-associated protein 29 (BCAP29), transcript variant 1, mRNA;

gi|240255638|ref|NM\_001017978.2| Homo sapiens chromosome X open reading frame 61 (CXorf61), mRNA;

gi|24041037|ref|NM\_025220.2| Homo sapiens ADAM metalloproteinase domain 33 (ADAM33), transcript variant 1, mRNA;

gi|240848542|ref|NM\_006554.4| Homo sapiens metaxin 2 (MTX2), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;

gi|240849187|ref|NR\_027835.1| Homo sapiens apolipoprotein L, 3 (APOL3), transcript variant alpha/c, non-coding RNA;

gi|240849334|ref|NM\_003380.3| Homo sapiens vimentin (VIM), mRNA;

gi|240849340|ref|NM\_178586.2| Homo sapiens protein phosphatase 2, regulatory subunit B', gamma (PPP2R2B), transcript variant 1, mRNA;

gi|240849511|ref|NR\_027840.1| Homo sapiens forty-two-three domain containing 1 (FYTTD1), transcript variant 1, non-coding RNA;

gi|240849566|ref|NM\_001161520.1| Homo sapiens component of oligomeric golgi complex 5 (COG5), transcript variant 1, mRNA;

gi|24119165|ref|NM\_006606.2| Homo sapiens retinoblastoma binding protein 9 (RBBP9), mRNA;

gi|241666393|ref|NR\_027855.1| Homo sapiens CDC-like kinase 1 (CLK1), transcript variant 3, non-coding RNA;

gi|241666447|ref|NM\_015653.3| Homo sapiens RIB43A domain with coiled-coils 2 (RIBC2), mRNA;

gi|241666457|ref|NR\_027861.1| Homo sapiens zinc finger protein 658B, pseudogene (ZNF658B), non-coding RNA;  
 gi|241666461|ref|NM\_001162426.1| Homo sapiens tuberous sclerosis 1 (TSC1), transcript variant 3, mRNA;  
 gi|241666465|ref|NM\_003642.3| Homo sapiens histone acetyltransferase 1 (HAT1), transcript variant 1, mRNA;  
 gi|241666478|ref|NM\_030907.3| Homo sapiens REM2 and RAB-like small GTPase 1 (RSG1), mRNA;  
 gi|241896888|ref|NM\_001161452.1| Homo sapiens cytochrome b, ascorbate dependent 3 (CYBASC3), transcript variant 1, mRNA;  
 gi|241896901|ref|NR\_027751.1| Homo sapiens family with sequence similarity 20, member A (FAM20A), transcript variant 1, mRNA;  
 gi|241896923|ref|NM\_002842.3| Homo sapiens protein tyrosine phosphatase, receptor type, H (PTPRH), transcript variant 1, mRNA;  
 gi|241896934|ref|NM\_024515.4| Homo sapiens WD repeat domain 25 (WDR25), transcript variant 1, mRNA;  
 gi|241982686|ref|NM\_001162490.1| Homo sapiens ADP-ribosylation factor-like 13A (ARL13A), transcript variant 1, mRNA;  
 gi|241982705|ref|NM\_001162497.1| Homo sapiens lysophosphatidic acid receptor 6 (LPAR6), transcript variant 1, mRNA;  
 gi|241982711|ref|NM\_001162499.1| Homo sapiens cullin-associated and neddylation-dissociated 2 (putative) (CAND2), transcript variant 1, mRNA;  
 gi|241982728|ref|NM\_001162501.1| Homo sapiens trinucleotide repeat containing 6B (TNRC6B), transcript variant 1, mRNA;  
 gi|241982736|ref|NM\_199203.2| Homo sapiens TMEM189-UBE2V1 readthrough (TMEM189-UBE2V1), mRNA;  
 gi|241982749|ref|NM\_199129.2| Homo sapiens transmembrane protein 189 (TMEM189), transcript variant 1, mRNA;  
 gi|241982781|ref|NM\_005659.6| Homo sapiens ubiquitin fusion degradation 1 like (yeast) (UFD1L), transcript variant 1, mRNA;  
 gi|241982795|ref|NM\_198337.2| Homo sapiens insulin induced gene 1 (INSIG1), transcript variant 3, mRNA;  
 gi|241982801|ref|NM\_014983.2| Homo sapiens HMG box domain containing 3 (HMGXB3), mRNA;  
 gi|241982805|ref|NM\_001162483.1| Homo sapiens chromosome 2 open reading frame 83 (C2orf83), transcript variant 1, mRNA;  
 gi|241982814|ref|NM\_012285.2| Homo sapiens potassium voltage-gated channel, subfamily H (eag-related) (Kv11.1), transcript variant 1, mRNA;  
 gi|242117945|ref|NM\_001162529.1| Homo sapiens family with sequence similarity 135, member A (FAM135A), transcript variant 1, mRNA;  
 gi|242117947|ref|NM\_024676.4| Homo sapiens SH3 domain containing 21 (SH3D21), transcript variant 2, mRNA;  
 gi|242117968|ref|NR\_027902.1| Homo sapiens long intergenic non-protein coding RNA 303 (LINC00303), non-coding RNA;  
 gi|242117972|ref|NM\_207419.3| Homo sapiens C1q and tumor necrosis factor related protein 8 (C1QTNF8), transcript variant 1, mRNA;  
 gi|242117978|ref|NR\_027906.1| Homo sapiens MLLT4 antisense RNA 1 (non-protein coding) (MLLT4-AS1), non-coding RNA;  
 gi|242117982|ref|NR\_027908.1| Homo sapiens long intergenic non-protein coding RNA 336 (LINC00336), non-coding RNA;  
 gi|242117985|ref|NM\_001012279.2| Homo sapiens SOGA family member 3 (SOGA3), mRNA;  
 gi|242117988|ref|NM\_014702.4| Homo sapiens KIAA0408 (KIAA0408), mRNA;  
 gi|242117992|ref|NM\_001008661.2| Homo sapiens cysteine conjugate-beta lyase 2 (CCBL2), transcript variant 1, mRNA;  
 gi|242117995|ref|NM\_001012446.2| Homo sapiens family with sequence similarity 221, member B (FAM221B), transcript variant 1, mRNA;  
 gi|242118011|ref|NR\_027916.1| Homo sapiens aldo-keto reductase family 1, member C-like 1 (AKR1C1L1), non-coding RNA;  
 gi|242118012|ref|NR\_027917.1| Homo sapiens cathepsin L family member 3 (CTSL3), non-coding RNA;  
 gi|242246950|ref|NR\_027927.1| Homo sapiens collagen, type VI, alpha 4 pseudogene 1 (COL6A4P1), non-coding RNA;  
 gi|242246956|ref|NM\_181874.2| Homo sapiens glutamate receptor, metabotropic 7 (GRM7), transcript variant 1, mRNA;  
 gi|242246959|ref|NM\_005198.4| Homo sapiens choline kinase beta (CHKB), mRNA;  
 gi|242246977|ref|NR\_027933.1| Homo sapiens chronic lymphocytic leukemia up-regulated 1 (CLLU1), transcript variant 1, mRNA;  
 gi|242246984|ref|NM\_007098.3| Homo sapiens clathrin, heavy chain-like 1 (CLTCL1), transcript variant 1, mRNA;  
 gi|242247024|ref|NM\_024877.3| Homo sapiens cyclin N-terminal domain containing 2 (CNTD2), transcript variant 1, mRNA;  
 gi|242247047|ref|NM\_019610.5| Homo sapiens RNA binding motif protein, X-linked-like 1 (RBMXL1), transcript variant 1, mRNA;  
 gi|242247060|ref|NM\_001162862.1| Homo sapiens COX11 cytochrome c oxidase assembly homolog (yeast) (COX11), transcript variant 1, mRNA;  
 gi|242247074|ref|NM\_001009877.2| Homo sapiens bromodomain containing 9 (BRD9), transcript variant 2, mRNA;  
 gi|242247096|ref|NM\_001340.3| Homo sapiens cylicin, basic protein of sperm head cytoskeleton 2 (CYLC2), transcript variant 1, mRNA;  
 gi|242247123|ref|NM\_178039.2| Homo sapiens ELKS/RAB6-interacting/CAST family member 1 (ERC1), transcript variant 1, mRNA;  
 gi|242247192|ref|NM\_020979.3| Homo sapiens SH2B adaptor protein 2 (SH2B2), mRNA;  
 gi|242247262|ref|NM\_015238.2| Homo sapiens WW and C2 domain containing 1 (WWC1), transcript variant 1, mRNA;  
 gi|242247281|ref|NR\_027898.1| Homo sapiens collagen, type VI, alpha 4 pseudogene 2 (COL6A4P2), non-coding RNA;  
 gi|242332497|ref|NM\_001162893.1| Homo sapiens KIAA0040 (KIAA0040), transcript variant 1, mRNA;  
 gi|242332511|ref|NR\_027954.1| Homo sapiens TIPARP antisense RNA 1 (non-protein coding) (TIPARP-AS1), non-coding RNA.

gi|242332513|ref|NM\_001162900.1| Homo sapiens transmembrane protein 217 (TMEM217), transcript va  
gi|242332526|ref|NM\_023073.3| Homo sapiens chromosome 5 open reading frame 42 (C5orf42), mRNA;  
gi|242332544|ref|NM\_001162914.1| Homo sapiens coiled-coil domain containing 166 (CCDC166), mRNA;  
gi|242332557|ref|NM\_001162916.1| Homo sapiens tRNA-yW synthesizing protein 3 homolog (S. cerevisiae  
gi|24234713|ref|NM\_005029.3| Homo sapiens paired-like homeodomain 3 (PITX3), mRNA;  
gi|24234719|ref|NM\_005494.2| Homo sapiens DnaJ (Hsp40) homolog, subfamily B, member 6 (DNAJB6), tr  
gi|24234737|ref|NM\_153617.1| Homo sapiens sema domain, transmembrane domain (TM), and cytoplasm  
gi|24234746|ref|NM\_004515.2| Homo sapiens interleukin enhancer binding factor 2, 45kDa (ILF2), mRNA;  
gi|24234758|ref|NM\_032545.2| Homo sapiens cripto, FRL-1, cryptic family 1 (CFC1), mRNA;  
gi|242397416|ref|NM\_001146684.2| Homo sapiens ring finger protein 222 (RNF222), mRNA;  
gi|24307874|ref|NM\_006955.1| Homo sapiens zinc finger protein 33B (ZNF33B), mRNA;  
gi|24307878|ref|NM\_001378.1| Homo sapiens dynein, cytoplasmic 1, intermediate chain 2 (DYNC1I2), mRN  
gi|24307886|ref|NM\_004498.1| Homo sapiens one cut homeobox 1 (ONECUT1), mRNA;  
gi|24307928|ref|NM\_007280.1| Homo sapiens Opa interacting protein 5 (OIP5), mRNA;  
gi|24307960|ref|NM\_014657.1| Homo sapiens TELO2 interacting protein 1 (TTI1), mRNA;  
gi|24308006|ref|NM\_015161.1| Homo sapiens ADP-ribosylation factor-like 6 interacting protein 1 (ARL6IP1  
gi|24308012|ref|NM\_015160.1| Homo sapiens peptidase (mitochondrial processing) alpha (PMPCA), nuclea  
gi|24308064|ref|NM\_145807.1| Homo sapiens netrin 5 (NTN5), mRNA;  
gi|24308078|ref|NM\_015481.1| Homo sapiens zinc finger protein 385A (ZNF385A), transcript variant 3, mR  
gi|24308114|ref|NM\_015649.1| Homo sapiens interferon regulatory factor 2 binding protein 1 (IRF2BP1), n  
gi|24308126|ref|NM\_018981.1| Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 10 (DNAJC10),  
gi|24308168|ref|NM\_017539.1| Homo sapiens dynein, axonemal, heavy chain 3 (DNAH3), mRNA;  
gi|24308222|ref|NM\_020817.1| Homo sapiens KIAA1407 (KIAA1407), mRNA;  
gi|24308226|ref|NM\_020832.1| Homo sapiens zinc finger protein 687 (ZNF687), mRNA;  
gi|24308240|ref|NM\_020861.1| Homo sapiens zinc finger and BTB domain containing 2 (ZBTB2), mRNA;  
gi|24308244|ref|NM\_152308.1| Homo sapiens RMI2, RecQ mediated genome instability 2, homolog (S. ceri  
gi|24308256|ref|NM\_020927.1| Homo sapiens vesicle amine transport protein 1 homolog (T. californica)-lil  
gi|24308262|ref|NM\_021222.1| Homo sapiens prune homolog (Drosophila) (PRUNE), mRNA;  
gi|24308268|ref|NM\_021218.1| Homo sapiens chromosome 9 open reading frame 80 (C9orf80), mRNA;  
gi|24308288|ref|NM\_024316.1| Homo sapiens leukocyte receptor cluster (LRC) member 1 (LENG1), mRNA;  
gi|24308302|ref|NM\_030645.1| Homo sapiens SH3-binding domain protein 5-like (SH3BP5L), mRNA;  
gi|24308325|ref|NM\_032430.1| Homo sapiens BR serine/threonine kinase 1 (BRSK1), mRNA;  
gi|24308333|ref|NM\_032448.1| Homo sapiens family with sequence similarity 120B (FAM120B), mRNA;  
gi|24308351|ref|NM\_033067.1| Homo sapiens DMRT-like family B with proline-rich C-terminal, 1 (DMRTB1  
gi|24308367|ref|NM\_152361.1| Homo sapiens EP300 interacting inhibitor of differentiation 2B (EID2B), mR  
gi|24308387|ref|NM\_058163.1| Homo sapiens TSR2, 20S rRNA accumulation, homolog (S. cerevisiae) (TSR2  
gi|24308399|ref|NM\_138357.1| Homo sapiens mitochondrial calcium uniporter (MCU), nuclear gene encod  
gi|24308457|ref|NM\_153713.1| Homo sapiens Lix1 homolog (mouse)-like (LIX1L), mRNA;  
gi|24308513|ref|NM\_153699.1| Homo sapiens glutathione S-transferase alpha 5 (GSTA5), mRNA;  
gi|24371271|ref|NM\_153746.1| Homo sapiens zinc finger, DHHC-type containing 14 (ZDHHC14), transcript  
gi|24415403|ref|NM\_014611.1| Homo sapiens MDN1, midasin homolog (yeast) (MDN1), mRNA;  
gi|24429591|ref|NM\_018590.3| Homo sapiens chondroitin sulfate N-acetylgalactosaminyltransferase 2 (CS  
gi|24430134|ref|NM\_153741.1| Homo sapiens dolichyl-phosphate mannosyltransferase polypeptide 3 (DPI  
gi|24430138|ref|NM\_015540.2| Homo sapiens RNA polymerase II associated protein 1 (RPAP1), mRNA;  
gi|24430145|ref|NM\_005124.2| Homo sapiens nucleoporin 153kDa (NUP153), mRNA;  
gi|24430147|ref|NM\_004298.2| Homo sapiens nucleoporin 155kDa (NUP155), transcript variant 2, mRNA; {  
gi|24430150|ref|NM\_002802.2| Homo sapiens proteasome (prosome, macropain) 26S subunit, ATPase, 1 (l

gi|24430154|ref|NM\_153001.1| Homo sapiens proteasome (prosome, macropain) 26S subunit, ATPase, 4 (l  
 gi|24430161|ref|NM\_000304.2| Homo sapiens peripheral myelin protein 22 (PMP22), transcript variant 1, r  
 gi|24430211|ref|NM\_144701.2| Homo sapiens interleukin 23 receptor (IL23R), mRNA;  
 gi|24430214|ref|NM\_000628.3| Homo sapiens interleukin 10 receptor, beta (IL10RB), mRNA;  
 gi|24430216|ref|NM\_000572.2| Homo sapiens interleukin 10 (IL10), mRNA;  
 gi|24430217|ref|NM\_000641.2| Homo sapiens interleukin 11 (IL11), mRNA;  
 gi|24431938|ref|NM\_024902.2| Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 22 (DNAJC22),  
 gi|24431959|ref|NM\_007034.3| Homo sapiens DnaJ (Hsp40) homolog, subfamily B, member 4 (DNAJB4), m  
 gi|24431974|ref|NM\_015652.2| Homo sapiens chromosome 10 open reading frame 12 (C10orf12), mRNA;  
 gi|24431976|ref|NM\_018053.2| Homo sapiens XK, Kell blood group complex subunit-related family, memb  
 gi|24431995|ref|NM\_020145.2| Homo sapiens SH3-domain GRB2-like endophilin B2 (SH3GLB2), mRNA;  
 gi|24432063|ref|NM\_145010.2| Homo sapiens enkurin, TRPC channel interacting protein (ENKUR), mRNA;  
 gi|24462252|ref|NM\_145011.2| Homo sapiens zinc finger protein 25 (ZNF25), mRNA;  
 gi|24475703|ref|NM\_025209.2| Homo sapiens enhancer of polycomb homolog 1 (Drosophila) (EPC1), mRN  
 gi|24475840|ref|NM\_153324.2| Homo sapiens defensin, beta 123 (DEFB123), mRNA;  
 gi|24475843|ref|NM\_153449.2| Homo sapiens solute carrier family 2 (facilitated glucose transporter), men  
 gi|24475858|ref|NM\_033204.2| Homo sapiens zinc finger protein 101 (ZNF101), mRNA;  
 gi|24475862|ref|NM\_153833.1| Homo sapiens H1 histone family, member O, oocyte-specific (H1FOO), mRI  
 gi|24475870|ref|NM\_153837.1| Homo sapiens G protein-coupled receptor 114 (GPR114), mRNA;  
 gi|24475886|ref|NM\_003667.2| Homo sapiens leucine-rich repeat containing G protein-coupled receptor 5  
 gi|24475963|ref|NM\_016454.2| Homo sapiens transmembrane protein 85 (TMEM85), mRNA;  
 gi|24476006|ref|NM\_020678.2| Homo sapiens leucine-rich repeats and transmembrane domains 1 (LRTM1  
 gi|24476015|ref|NM\_153832.1| Homo sapiens G protein-coupled receptor 161 (GPR161), transcript variant  
 gi|244790004|ref|NM\_206927.2| Homo sapiens synaptotagmin-like 2 (SYTL2), transcript variant c, mRNA; g  
 gi|244790352|ref|NM\_001162997.1| Homo sapiens chromosome 17 open reading frame 110 (C17orf110),  
 gi|244791195|ref|NM\_033184.3| Homo sapiens keratin associated protein 2-4 (KRTAP2-4), mRNA;  
 gi|24497436|ref|NM\_053003.2| Homo sapiens sialic acid binding Ig-like lectin 12 (gene/pseudogene) (SIGLE  
 gi|24497437|ref|NM\_002187.2| Homo sapiens interleukin 12B (natural killer cell stimulatory factor 2, cytot  
 gi|24497439|ref|NM\_153701.1| Homo sapiens interleukin 12 receptor, beta 1 (IL12RB1), transcript variant  
 gi|24497441|ref|NM\_001559.2| Homo sapiens interleukin 12 receptor, beta 2 (IL12RB2), mRNA;  
 gi|24497442|ref|NM\_005085.2| Homo sapiens nucleoporin 214kDa (NUP214), mRNA;  
 gi|24497455|ref|NM\_139137.2| Homo sapiens potassium voltage-gated channel, Shaw-related subfamily, r  
 gi|24497459|ref|NM\_004977.2| Homo sapiens potassium voltage-gated channel, Shaw-related subfamily, r  
 gi|24497466|ref|NM\_153764.1| Homo sapiens potassium inwardly-rectifying channel, subfamily J, member  
 gi|24497483|ref|NM\_018484.2| Homo sapiens solute carrier family 22 (organic anion/urate transporter), m  
 gi|24497486|ref|NM\_153378.1| Homo sapiens solute carrier family 22 (organic anion/urate transporter), m  
 gi|24497488|ref|NM\_021977.2| Homo sapiens solute carrier family 22 (extraneuronal monoamine transpor  
 gi|24497489|ref|NM\_003059.2| Homo sapiens solute carrier family 22 (organic cation/ergothioneine transp  
 gi|24497500|ref|NM\_004496.2| Homo sapiens forkhead box A1 (FOXA1), mRNA;  
 gi|24497505|ref|NM\_004497.2| Homo sapiens forkhead box A3 (FOXA3), mRNA;  
 gi|24497518|ref|NM\_005907.2| Homo sapiens mannosidase, alpha, class 1A, member 1 (MAN1A1), mRNA;  
 gi|24497520|ref|NM\_003010.2| Homo sapiens mitogen-activated protein kinase kinase 4 (MAP2K4), mRNA  
 gi|24497535|ref|NM\_017410.2| Homo sapiens homeobox C13 (HOXC13), mRNA;  
 gi|24497541|ref|NM\_018953.2| Homo sapiens homeobox C5 (HOXC5), transcript variant 1, mRNA; gi|1004  
 gi|24497546|ref|NM\_006897.1| Homo sapiens homeobox C9 (HOXC9), mRNA;  
 gi|24497571|ref|NM\_153285.1| Homo sapiens hyaluronoglucosaminidase 1 (HYAL1), transcript variant 5, r  
 gi|24497579|ref|NM\_001628.2| Homo sapiens aldo-keto reductase family 1, member B1 (aldose reductase

gi|24497600|ref|NM\_153200.1| Homo sapiens endothelial differentiation-related factor 1 (EDF1), transcript  
 gi|24497619|ref|NM\_014230.2| Homo sapiens signal recognition particle 68kDa (SRP68), mRNA;  
 gi|24497621|ref|NM\_145214.2| Homo sapiens tripartite motif containing 11 (TRIM11), mRNA;  
 gi|24497622|ref|NM\_006355.2| Homo sapiens tripartite motif containing 38 (TRIM38), mRNA;  
 gi|24497624|ref|NM\_032109.2| Homo sapiens orthopedia homeobox (OTP), mRNA;  
 gi|24586687|ref|NM\_080863.4| Homo sapiens ankyrin repeat and SOCS box containing 16 (ASB16), mRNA;  
 gi|247301046|ref|NM\_080750.3| Homo sapiens DPH3, KTI11 homolog (S. cerevisiae) pseudogene 1 (DPH3F  
 gi|247301288|ref|NM\_018474.4| Homo sapiens polo-like kinase 1 substrate 1 (PLK1S1), transcript variant 1  
 gi|24797084|ref|NM\_002265.4| Homo sapiens karyopherin (importin) beta 1 (KPNB1), mRNA;  
 gi|24797088|ref|NM\_153818.1| Homo sapiens peroxisomal biogenesis factor 10 (PEX10), transcript variant  
 gi|24797094|ref|NM\_153824.1| Homo sapiens pyrroline-5-carboxylate reductase 1 (PYCR1), transcript vari  
 gi|24797117|ref|NM\_153770.1| Homo sapiens calcium binding tyrosine-(Y)-phosphorylation regulated (CAE  
 gi|24797139|ref|NM\_002239.2| Homo sapiens potassium inwardly-rectifying channel, subfamily J, member  
 gi|24797140|ref|NM\_000890.3| Homo sapiens potassium inwardly-rectifying channel, subfamily J, member  
 gi|24797146|ref|NM\_012248.2| Homo sapiens selenophosphate synthetase 2 (SEPHS2), mRNA;  
 gi|24797149|ref|NM\_021073.2| Homo sapiens bone morphogenetic protein 5 (BMP5), mRNA;  
 gi|24797150|ref|NM\_013391.2| Homo sapiens dimethylglycine dehydrogenase (DMGDH), nuclear gene enc  
 gi|24797152|ref|NM\_004463.2| Homo sapiens FYVE, RhoGEF and PH domain containing 1 (FGD1), mRNA;  
 gi|24850132|ref|NM\_015897.2| Homo sapiens protein inhibitor of activated STAT, 4 (PIAS4), mRNA;  
 gi|25006533|ref|NM\_014509.3| Homo sapiens serine hydrolase-like 2 (SERHL2), mRNA;  
 gi|25121967|ref|NM\_002240.2| Homo sapiens potassium inwardly-rectifying channel, subfamily J, member  
 gi|25121968|ref|NM\_004982.2| Homo sapiens potassium inwardly-rectifying channel, subfamily J, member  
 gi|25121969|ref|NM\_004983.2| Homo sapiens potassium inwardly-rectifying channel, subfamily J, member  
 gi|25121979|ref|NM\_033510.1| Homo sapiens dispatched homolog 2 (Drosophila) (DISP2), mRNA;  
 gi|25121988|ref|NM\_030663.2| Homo sapiens sperm mitochondria-associated cysteine-rich protein (SMCP  
 gi|25121990|ref|NM\_002442.2| Homo sapiens musashi homolog 1 (Drosophila) (MSI1), mRNA;  
 gi|25121992|ref|NM\_170721.1| Homo sapiens musashi homolog 2 (Drosophila) (MSI2), transcript variant 2  
 gi|25141322|ref|NM\_020939.1| Homo sapiens copine V (CPNE5), mRNA;  
 gi|251823703|ref|NM\_001163075.1| Homo sapiens chromosome 17 open reading frame 99 (C17orf99), m  
 gi|251823728|ref|NM\_031890.3| Homo sapiens cat eye syndrome chromosome region, candidate 6 (CECR  
 gi|251823769|ref|NR\_027994.1| Homo sapiens neuroblastoma highly expressed 1 (NHEG1), non-coding RN  
 gi|251823800|ref|NM\_148896.3| Homo sapiens neuropeptide B (NPB), mRNA;  
 gi|251823848|ref|NR\_027982.1| Homo sapiens uncharacterized LOC100302401 (LOC100302401), non-codi  
 gi|251823861|ref|NR\_001296.3| Homo sapiens protease, serine, 3 pseudogene 2 (PRSS3P2), non-coding RN  
 gi|251823945|ref|NR\_027992.1| Homo sapiens neurobeachin pseudogene 1 (NBEAP1), non-coding RNA;  
 gi|251823951|ref|NM\_012092.3| Homo sapiens inducible T-cell co-stimulator (ICOS), mRNA;  
 gi|25188180|ref|NM\_172005.1| Homo sapiens WAP four-disulfide core domain 13 (WFDC13), mRNA;  
 gi|25188200|ref|NM\_033123.2| Homo sapiens phospholipase C, zeta 1 (PLCZ1), mRNA;  
 gi|25282390|ref|NM\_007243.1| Homo sapiens nurim (nuclear envelope membrane protein) (NRM), mRNA;  
 gi|25306276|ref|NM\_024996.5| Homo sapiens G elongation factor, mitochondrial 1 (GFM1), nuclear gene  
 gi|25306286|ref|NM\_170691.1| Homo sapiens G elongation factor, mitochondrial 2 (GFM2), nuclear gene  
 gi|253314425|ref|NM\_015848.4| Homo sapiens keratin 76 (KRT76), mRNA;  
 gi|253314432|ref|NM\_001143989.2| Homo sapiens neuroblastoma breakpoint family, member 4 (NBPF4),  
 gi|253314435|ref|NR\_027995.1| Homo sapiens ankyrin repeat domain 20 family, member A9, pseudogene  
 gi|253314462|ref|NR\_028000.1| Homo sapiens RAD52 motif 1 (RDM1), transcript variant 13, non-coding R  
 gi|253314506|ref|NM\_015696.4| Homo sapiens glutathione peroxidase 7 (GPX7), mRNA;  
 gi|253314538|ref|NR\_027991.1| Homo sapiens apelin receptor (APLNR), transcript variant 2, non-coding RN

gi|253314545|ref|NM\_022375.3| Homo sapiens oculomedin (OCLM), mRNA;

gi|253683412|ref|NM\_152462.2| Homo sapiens solute carrier family 35, member G3 (SLC35G3), mRNA;

gi|253683415|ref|NM\_182497.3| Homo sapiens keratin 40 (KRT40), mRNA;

gi|253683428|ref|NM\_001163148.1| Homo sapiens ets variant 1 (ETV1), transcript variant 3, mRNA; gi|253683543|ref|NM\_033482.3| Homo sapiens POM121 transmembrane nucleoporin-like 2 (POM121L2),

gi|253735744|ref|NR\_028027.1| Homo sapiens CREB/ATF bZIP transcription factor (CREBZF), transcript vari

gi|253735747|ref|NM\_001034841.3| Homo sapiens inositol 1,4,5-trisphosphate receptor interacting protei

gi|253735749|ref|NM\_175722.3| Homo sapiens thyroid peroxidase (TPO), transcript variant 5, mRNA; gi|3:

gi|253735777|ref|NM\_001162384.1| Homo sapiens Rho/Rac guanine nucleotide exchange factor (GEF) 2 (A

gi|253795478|ref|NM\_205855.3| Homo sapiens family with sequence similarity 180, member A (FAM180A)

gi|253795479|ref|NM\_005393.2| Homo sapiens plexin B3 (PLXNB3), transcript variant 1, mRNA; gi|253795:

gi|253795491|ref|NM\_001163260.1| Homo sapiens family with sequence similarity 63, member A (FAM63/

gi|253795512|ref|NM\_004845.4| Homo sapiens phosphate cytidylyltransferase 1, choline, beta (PCYT1B), t

gi|253795520|ref|NR\_028032.1| Homo sapiens HLA complex group 9 (non-protein coding) (HCG9), non-cod

gi|253795536|ref|NM\_001145373.2| Homo sapiens OTU domain containing 1 (OTUD1), mRNA;

gi|253970385|ref|NM\_001004319.2| Homo sapiens von Hippel-Lindau tumor suppressor-like (VHLL), mRNA

gi|253970388|ref|NM\_001134888.2| Homo sapiens retrotransposon-like 1 (RTL1), mRNA;

gi|253970398|ref|NM\_178831.6| Homo sapiens GATS, stromal antigen 3 opposite strand (GATS), transcript

gi|253970402|ref|NM\_138342.3| Homo sapiens galactosidase, beta 1-like 2 (GLB1L2), mRNA;

gi|253970408|ref|NR\_028041.1| Homo sapiens glutamate receptor, metabotropic 8 (GRM8), transcript vari

gi|253970411|ref|NM\_016426.6| Homo sapiens G-2 and S-phase expressed 1 (GTSE1), mRNA;

gi|253970413|ref|NM\_001128636.2| Homo sapiens extracellular leucine-rich repeat and fibronectin type III

gi|253970425|ref|NR\_028044.1| Homo sapiens IGF2 antisense RNA (non-protein coding) (IGF2-AS), transcri

gi|253970426|ref|NM\_173588.3| Homo sapiens immunoglobulin superfamily, member 22 (IGSF22), mRNA;

gi|253970443|ref|NM\_001163278.1| Homo sapiens odz, odd Oz/ten-m homolog 1 (Drosophila) (ODZ1), tra

gi|253970454|ref|NM\_014500.4| Homo sapiens HIV-1 Tat specific factor 1 (HTATSF1), transcript variant 2, r

gi|253970458|ref|NR\_028045.1| Homo sapiens killer cell lectin-like receptor subfamily A pseudogene 1 (KLI

gi|253970475|ref|NM\_016267.3| Homo sapiens vestigial like 1 (Drosophila) (VGLL1), mRNA;

gi|253970483|ref|NM\_018990.3| Homo sapiens SAM and SH3 domain containing 3 (SASH3), mRNA;

gi|253970488|ref|NM\_001076552.2| Homo sapiens acyl-CoA synthetase short-chain family member 2 (ACS

gi|253970499|ref|NM\_013986.3| Homo sapiens Ewing sarcoma breakpoint region 1 (EWSR1), transcript vai

gi|254028154|ref|NR\_028052.1| Homo sapiens neugrin, neurite outgrowth associated (NGRN), transcript v:

gi|254028191|ref|NM\_030763.2| Homo sapiens high mobility group nucleosome binding domain 5 (HMGN)

gi|254028239|ref|NM\_001163297.1| Homo sapiens MAP/microtubule affinity-regulating kinase 2 (MARK2).

gi|254028241|ref|NM\_001163213.1| Homo sapiens fibroblast growth factor receptor 3 (FGFR3), transcript

gi|254028262|ref|NR\_028051.1| Homo sapiens MTERF domain containing 2 (MTERFD2), transcript variant 4

gi|254028266|ref|NM\_001101421.3| Homo sapiens myosin IH (MYO1H), mRNA;

gi|254039589|ref|NM\_001130448.2| Homo sapiens chromosome 15 open reading frame 62 (C15orf62), mR

gi|254039598|ref|NR\_028057.1| Homo sapiens phosphatidylinositol-specific phospholipase C, X domain coi

gi|254039601|ref|NR\_028058.1| Homo sapiens PMS2 postmeiotic segregation increased 2 (S. cerevisiae) ps

gi|254039602|ref|NR\_028059.1| Homo sapiens postmeiotic segregation increased 2 pseudogene 3 (PMS2P

gi|254039603|ref|NM\_001077620.2| Homo sapiens progressive rod-cone degeneration (PRCD), transcript v

gi|254039611|ref|NM\_001163322.1| Homo sapiens coiled-coil domain containing 120 (CCDC120), transcrip

gi|254039635|ref|NR\_028062.1| Homo sapiens protein kinase, Y-linked, pseudogene (PRKY), non-coding RN

gi|254039637|ref|NR\_028063.1| Homo sapiens GRIP and coiled-coil domain containing 2 (GCC2), transcript

gi|254039641|ref|NM\_138780.2| Homo sapiens synaptotagmin-like 5 (SYTL5), transcript variant 1, mRNA; g

gi|254039656|ref|NM\_001013579.2| Homo sapiens acyl-CoA wax alcohol acyltransferase 1 (AWAT1), mRN



gi|254039695|ref|NM\_198510.2| Homo sapiens inter-alpha-trypsin inhibitor heavy chain family, member 6  
 gi|254039712|ref|NM\_001013403.2| Homo sapiens chromosome X open reading frame 66 (CXorf66), mRNA;  
 gi|254039721|ref|NM\_001080489.2| Homo sapiens glyoxalase domain containing 5 (GLOD5), mRNA;  
 gi|254281195|ref|NR\_028076.1| Homo sapiens scavenger receptor class F, member 1 (SCARF1), transcript v  
 gi|254281210|ref|NR\_028064.1| Homo sapiens long intergenic non-protein coding RNA 552 (LINC00552), n  
 gi|254281223|ref|NM\_007136.3| Homo sapiens zinc finger protein 80 (ZNF80), mRNA;  
 gi|254281231|ref|NM\_001163391.1| Homo sapiens zinc finger and SCAN domain containing 12 (ZSCAN12),  
 gi|254281239|ref|NM\_080603.4| Homo sapiens zinc finger, SWIM-type containing 1 (ZSWIM1), mRNA;  
 gi|254281260|ref|NM\_001146686.2| Homo sapiens geminin coiled-coil domain containing (GMNC), mRNA;  
 gi|254281280|ref|NR\_028067.1| Homo sapiens olfactory receptor, family 4, subfamily N, member 3 pseudoc  
 gi|254281334|ref|NM\_001163377.1| Homo sapiens glutaminyl-peptide cyclotransferase-like (QPCTL), trans  
 gi|254281344|ref|NM\_001163380.1| Homo sapiens RAB2B, member RAS oncogene family (RAB2B), transcr  
 gi|254281349|ref|NM\_001024822.2| Homo sapiens ribonuclease, RNase A family, 12 (non-active) (RNASE1  
 gi|25453470|ref|NM\_001958.2| Homo sapiens eukaryotic translation elongation factor 1 alpha 2 (EEF1A2),  
 gi|25453479|ref|NM\_004680.2| Homo sapiens chromodomain protein, Y-linked, 1 (CDY1), transcript varian  
 gi|25453482|ref|NM\_004825.2| Homo sapiens chromodomain protein, Y-linked, 2A (CDY2A), mRNA;  
 gi|254540030|ref|NR\_028089.1| Homo sapiens nuclear RNA export factor 5 (NXF5), transcript variant 2, no  
 gi|254540107|ref|NM\_001163417.1| Homo sapiens family with sequence similarity 172, member A (FAM17  
 gi|254540131|ref|NM\_001163424.1| Homo sapiens myeloma overexpressed 2 (MYEOV2), transcript varian  
 gi|254540172|ref|NM\_001163438.1| Homo sapiens chromosome X open reading frame 69 (CXorf69), mRN  
 gi|254540174|ref|NR\_028083.1| Homo sapiens family with sequence similarity 41, member A, Y-linked 1 (F  
 gi|254540175|ref|NR\_028084.1| Homo sapiens family with sequence similarity 41, member A, Y-linked 2 (F  
 gi|254540176|ref|NM\_018359.3| Homo sapiens UFM1-specific peptidase 2 (UFSP2), transcript variant 1, m  
 gi|254540195|ref|NM\_001163446.1| Homo sapiens carboxypeptidase A4 (CPA4), transcript variant 2, mRN  
 gi|254553257|ref|NR\_028090.1| Homo sapiens uncharacterized LOC202781 (LOC202781), non-coding RNA  
 gi|254553264|ref|NR\_028092.1| Homo sapiens lipoprotein, Lp(a)-like 2, pseudogene (LPAL2), transcript var  
 gi|254553271|ref|NM\_001163474.1| Homo sapiens zinc finger protein 746 (ZNF746), transcript variant 1, n  
 gi|254553318|ref|NM\_198478.3| Homo sapiens NTPase, KAP family P-loop domain containing 1 (NKPD1), n  
 gi|254553335|ref|NR\_028099.1| Homo sapiens DDB1 and CUL4 associated factor 11 (DCAF11), transcript v  
 gi|254553387|ref|NM\_012172.4| Homo sapiens F-box protein 24 (FBXO24), transcript variant 3, mRNA; gi|  
 gi|254553397|ref|NM\_015397.3| Homo sapiens DDB1 and CUL4 associated factor 12 (DCAF12), mRNA;  
 gi|254553402|ref|NM\_207422.2| Homo sapiens TPT1-like protein (FLJ44635), mRNA;  
 gi|254553427|ref|NM\_178470.4| Homo sapiens DDB1 and CUL4 associated factor 12-like 1 (DCAF12L1), mF  
 gi|254553432|ref|NR\_028102.1| Homo sapiens THUMP domain containing 2 (THUMPD2), transcript variant  
 gi|254553446|ref|NM\_181340.2| Homo sapiens DDB1 and CUL4 associated factor 4 (DCAF4), transcript var  
 gi|254553486|ref|NM\_015726.3| Homo sapiens DDB1 and CUL4 associated factor 8 (DCAF8), transcript var  
 gi|254553497|ref|NM\_001163436.1| Homo sapiens TBC1 domain containing kinase (TBCK), transcript varia  
 gi|254587898|ref|NM\_001008949.2| Homo sapiens inositol 1,4,5-trisphosphate receptor interacting protei  
 gi|254587965|ref|NM\_001012980.2| Homo sapiens spermidine/spermine N1-acetyl transferase-like 1 (SAT  
 gi|254587987|ref|NM\_001163544.1| Homo sapiens synergin, gamma (SYNRG), transcript variant 4, mRNA;  
 gi|254588007|ref|NR\_027444.2| Homo sapiens uncharacterized LOC100133957 (LOC100133957), transcrip  
 gi|254588059|ref|NM\_000488.3| Homo sapiens serpin peptidase inhibitor, clade C (antithrombin), membe  
 gi|254588100|ref|NM\_001933.4| Homo sapiens dihydrolipoamide S-succinyltransferase (E2 component of  
 gi|254675141|ref|NM\_173649.2| Homo sapiens chromosome 2 open reading frame 61 (C2orf61), transcrip  
 gi|254675148|ref|NM\_033194.2| Homo sapiens heat shock protein, alpha-crystallin-related, B9 (HSPB9), m  
 gi|254675179|ref|NM\_018023.4| Homo sapiens YEATS domain containing 2 (YEATS2), mRNA;  
 gi|254675184|ref|NM\_181539.4| Homo sapiens keratin 26 (KRT26), mRNA;

gi|254675222|ref|NM\_012463.3| Homo sapiens ATPase, H<sup>+</sup> transporting, lysosomal V0 subunit a2 (ATP6V0)

gi|254675271|ref|NM\_024529.4| Homo sapiens cell division cycle 73, Paf1/RNA polymerase II complex cor

gi|254675329|ref|NM\_175875.4| Homo sapiens SIX homeobox 5 (SIX5), mRNA;

gi|254692832|ref|NM\_001013627.2| Homo sapiens NHS-like 2 (NHSL2), mRNA;

gi|254692877|ref|NR\_028131.1| Homo sapiens cofilin 2 (muscle) (CFL2), transcript variant 4, non-coding RN

gi|254692912|ref|NM\_001163629.1| Homo sapiens chromosome 1 open reading frame 129 (C1orf129), tra

gi|254692996|ref|NM\_020464.1| Homo sapiens NHS-like 1 (NHSL1), transcript variant 1, mRNA; gi|221139!

gi|25470889|ref|NM\_170711.1| Homo sapiens DAZ associated protein 1 (DAZAP1), transcript variant 1, mR

gi|254750615|ref|NR\_003692.2| Homo sapiens small nucleolar RNA, C/D box 124 (SNORD124), small nucle

gi|254750619|ref|NR\_003690.2| Homo sapiens small nucleolar RNA, C/D box 121B (SNORD121B), small nuc

gi|254750632|ref|NM\_171829.2| Homo sapiens potassium large conductance calcium-activated channel, si

gi|254750641|ref|NR\_026749.2| Homo sapiens Skint-like, pseudogene (SKINTL), non-coding RNA;

gi|254750645|ref|NM\_006884.3| Homo sapiens short stature homeobox 2 (SHOX2), transcript variant 2, m

gi|254750678|ref|NR\_026592.2| Homo sapiens BMS1 pseudogene 4 (BMS1P4), non-coding RNA;

gi|254750681|ref|NR\_026761.2| Homo sapiens long intergenic non-protein coding RNA 467 (LINC00467), n

gi|254750682|ref|NR\_026775.2| Homo sapiens long intergenic non-protein coding RNA 240 (LINC00240), n

gi|254750683|ref|NM\_203447.3| Homo sapiens dedicator of cytokinesis 8 (DOCK8), transcript variant 1, m

gi|254750689|ref|NR\_028133.1| Homo sapiens exocyst complex component 7 (EXOC7), transcript variant 3

gi|254750702|ref|NM\_020648.5| Homo sapiens twisted gastrulation homolog 1 (Drosophila) (TWSG1), m

gi|254750703|ref|NM\_145003.3| Homo sapiens t-SNARE domain containing 1 (TSNARE1), mRNA;

gi|254750707|ref|NM\_005252.3| Homo sapiens FBJ murine osteosarcoma viral oncogene homolog (FOS), n

gi|254750710|ref|NR\_028134.1| Homo sapiens guanylate cyclase 2G homolog (mouse), pseudogene (GUCY

gi|254750730|ref|NM\_003007.3| Homo sapiens semenogelin I (SEMG1), mRNA;

gi|254750734|ref|NM\_001146216.2| Homo sapiens transforming, acidic coiled-coil containing protein 1 (TA

gi|254750737|ref|NM\_031960.2| Homo sapiens keratin associated protein 4-8 (KRTAP4-8), mRNA;

gi|254750744|ref|NR\_027413.2| Homo sapiens uncharacterized LOC100130581 (LOC100130581), transcrip

gi|254826699|ref|NR\_026670.2| Homo sapiens uncharacterized LOC116437 (LOC116437), non-coding RNA,

gi|254826700|ref|NR\_027309.2| Homo sapiens uncharacterized LOC148824 (LOC148824), non-coding RNA,

gi|254826702|ref|NR\_026938.2| Homo sapiens adenylate cyclase 10 (soluble) pseudogene (LOC221442), n

gi|254826703|ref|NR\_027087.2| Homo sapiens uncharacterized LOC284632 (LOC284632), non-coding RNA,

gi|254826704|ref|NR\_027112.2| Homo sapiens uncharacterized LOC285692 (LOC285692), non-coding RNA,

gi|254826719|ref|NR\_027620.2| Homo sapiens secretoglobin, family 1B, member 2, pseudogene (SCGB1B2

gi|254826729|ref|NR\_027487.2| Homo sapiens Rho GTPase activating protein 27 pseudogene (LOC146880)

gi|254826733|ref|NR\_027310.2| Homo sapiens uncharacterized MGC27382 (MGC27382), non-coding RNA;

gi|254826738|ref|NM\_001145113.2| Homo sapiens myeloid-associated differentiation marker-like 2 (MYAI

gi|254826752|ref|NM\_001024660.3| Homo sapiens kalirin, RhoGEF kinase (KALRN), transcript variant 1, m

gi|254826808|ref|NM\_018392.4| Homo sapiens chromosome 4 open reading frame 21 (C4orf21), mRNA;

gi|254910941|ref|NM\_017518.6| Homo sapiens HAUS augmin-like complex, subunit 7 (HAUS7), mRNA;

gi|254910959|ref|NM\_001163724.1| Homo sapiens uncharacterized protein LOC388588 (LOC388588), m

gi|254910982|ref|NM\_173511.3| Homo sapiens family with sequence similarity 117, member B (FAM117B)

gi|254911006|ref|NM\_172110.3| Homo sapiens eyes absent homolog 2 (Drosophila) (EYA2), transcript vari

gi|254911021|ref|NR\_003712.2| Homo sapiens small nucleolar RNA, H/ACA box 11E (SNORA11E), small nuc

gi|254911031|ref|NR\_028138.1| Homo sapiens uncharacterized LOC338758 (LOC338758), non-coding RNA,

gi|254911040|ref|NM\_001162496.2| Homo sapiens chromosome 21 open reading frame 62 (C21orf62), tra

gi|254911059|ref|NM\_016616.4| Homo sapiens thioredoxin domain containing 3 (spermatzoa) (TXNDC3),

gi|254911081|ref|NM\_133266.3| Homo sapiens SH3 and multiple ankyrin repeat domains 2 (SHANK2), tran

gi|254911095|ref|NM\_001042486.2| Homo sapiens discs, large (Drosophila) homolog-associated protein 4

gi|254939535|ref|NM\_001033580.2| Homo sapiens myosin XIX (MYO19), transcript variant 3, mRNA; gi|25  
 gi|254939574|ref|NR\_028137.1| Homo sapiens uncharacterized LOC286002 (LOC286002), non-coding RNA;  
 gi|254939593|ref|NR\_028139.1| Homo sapiens uncharacterized LOC388182 (FLJ42289), transcript variant 1  
 gi|254939594|ref|NR\_003587.2| Homo sapiens myosin XVB pseudogene (MYO15B), non-coding RNA;  
 gi|254939612|ref|NM\_001163692.1| Homo sapiens ubiquitin associated protein 1-like (UBAP1L), mRNA;  
 gi|254939660|ref|NM\_006226.3| Homo sapiens phospholipase C-like 1 (PLCL1), mRNA;  
 gi|255003832|ref|NM\_032142.3| Homo sapiens centrosomal protein 192kDa (CEP192), mRNA;  
 gi|255031445|ref|NR\_028269.1| Homo sapiens WAS protein family homolog 1 pseudogene (LOC100288778)  
 gi|255304922|ref|NR\_002742.2| Homo sapiens small nucleolar RNA, C/D box 52 (SNORD52), small nuclear RNA;  
 gi|255304933|ref|NR\_028270.1| Homo sapiens proliferating cell nuclear antigen pseudogene 1 (PCNAP1), mRNA;  
 gi|255304944|ref|NM\_021830.4| Homo sapiens chromosome 10 open reading frame 2 (C10orf2), transcript variant 1  
 gi|255306270|ref|NR\_028272.1| Homo sapiens nuclear paraspeckle assembly transcript 1 (non-protein coding)  
 gi|255308890|ref|NM\_006894.5| Homo sapiens flavin containing monooxygenase 3 (FMO3), transcript variant 1  
 gi|255308891|ref|NR\_001453.2| Homo sapiens small nucleolar RNA, C/D box 14C (SNORD14C), small nucleolar RNA;  
 gi|255308893|ref|NR\_001454.2| Homo sapiens small nucleolar RNA, C/D box 14D (SNORD14D), small nucleolar RNA;  
 gi|255308894|ref|NR\_003125.2| Homo sapiens small nucleolar RNA, C/D box 14E (SNORD14E), small nucleolar RNA;  
 gi|255522944|ref|NM\_001123392.2| Homo sapiens TBC1 domain family, member 3H (TBC1D3H), mRNA;  
 gi|255652926|ref|NR\_028288.1| Homo sapiens T-cell leukemia/lymphoma 6 (non-protein coding) (TCL6), non-coding RNA;  
 gi|255652939|ref|NR\_028290.1| Homo sapiens vanin 3 (VNN3), transcript variant 3, non-coding RNA; gi|25  
 gi|255652943|ref|NM\_000271.4| Homo sapiens Niemann-Pick disease, type C1 (NPC1), mRNA;  
 gi|255652946|ref|NM\_001163922.1| Homo sapiens V-set and immunoglobulin domain containing 10 like (V  
 gi|255652952|ref|NM\_144604.3| Homo sapiens zinc finger CCCH-type containing 18 (ZC3H18), mRNA;  
 gi|255652961|ref|NM\_001163925.1| Homo sapiens leucine-rich repeats and transmembrane domains 2 (L  
 gi|255652980|ref|NR\_028295.1| Homo sapiens long intergenic non-protein coding RNA 29 (LINC00029), non-coding RNA;  
 gi|255653001|ref|NM\_001163940.1| Homo sapiens phosphorylase, glycogen, liver (PYGL), transcript variant 1  
 gi|255683300|ref|NM\_175738.4| Homo sapiens RAB37, member RAS oncogene family (RAB37), transcript variant 1  
 gi|255683310|ref|NM\_001163991.1| Homo sapiens family with sequence similarity 170, member A (FAM170A)  
 gi|255683360|ref|NM\_001163315.2| Homo sapiens F-box and leucine-rich repeat protein 17 (FBXL17), mRNA;  
 gi|255683375|ref|NR\_028301.1| Homo sapiens uncharacterized LOC344595 (LOC344595), transcript variant 1  
 gi|255683377|ref|NR\_028303.1| Homo sapiens uncharacterized LOC100302640 (LOC100302640), non-coding RNA;  
 gi|255683378|ref|NM\_001105077.3| Homo sapiens MDS1 and EVI1 complex locus (MECOM), transcript variant 1  
 gi|255683421|ref|NR\_028287.1| Homo sapiens GABA(A) receptors associated protein like 3, pseudogene (GABRG3)  
 gi|255683424|ref|NR\_002932.2| Homo sapiens glutathione S-transferase mu 2 (muscle) pseudogene 1 (GSTM2)  
 gi|255708402|ref|NM\_002923.3| Homo sapiens regulator of G-protein signaling 2, 24kDa (RGS2), mRNA;  
 gi|255708455|ref|NM\_001024594.2| Homo sapiens chromosome 1 open reading frame 53 (C1orf53), mRNA;  
 gi|255708472|ref|NM\_012384.3| Homo sapiens glucocorticoid modulatory element binding protein 2 (GMEB2)  
 gi|255708475|ref|NM\_178559.5| Homo sapiens ATP-binding cassette, sub-family B (MDR/TAP), member 5 (ABCB5)  
 gi|255759904|ref|NM\_018995.2| Homo sapiens Mov10l1, Moloney leukemia virus 10-like 1, homolog (MOV10L1)  
 gi|255759928|ref|NM\_020356.3| Homo sapiens Cas scaffolding protein family member 4 (CASS4), transcript variant 1  
 gi|255759936|ref|NM\_024697.2| Homo sapiens zinc finger protein 385D (ZNF385D), mRNA;  
 gi|255759946|ref|NM\_001163857.1| Homo sapiens testis expressed 33 (TEX33), transcript variant 1, mRNA;  
 gi|255759953|ref|NM\_152348.3| Homo sapiens WD repeat domain 81 (WDR81), transcript variant 2, mRNA;  
 gi|255760023|ref|NM\_005108.3| Homo sapiens xylokinase homolog (H. influenzae) (XYLB), mRNA;  
 gi|255760063|ref|NM\_001164093.1| Homo sapiens COP9 constitutive photomorphogenic homolog subunit 1 (COP9)  
 gi|255918078|ref|NM\_001164098.1| Homo sapiens versican (VCAN), transcript variant 4, mRNA; gi|255918078  
 gi|255918128|ref|NM\_033200.2| Homo sapiens lipase maturation factor 2 (LMF2), mRNA;  
 gi|255918138|ref|NM\_001164144.1| Homo sapiens chromosome alignment maintaining phosphoprotein 1 (CAM)

gi|255918169|ref|NM\_177987.2| Homo sapiens tubulin, beta 8 class VIII (TUBB8), transcript variant 1, mRNA  
 gi|255918195|ref|NM\_001164162.1| Homo sapiens protein phosphatase 6, regulatory subunit 3 (PPP6R3),  
 gi|255918245|ref|NR\_028308.1| Homo sapiens uncharacterized LOC100302650 (LOC100302650), non-codi  
 gi|255958157|ref|NR\_002725.2| Homo sapiens inactivation escape 2 (non-protein coding) (INE2), non-codi  
 gi|255958229|ref|NM\_024629.3| Homo sapiens MLF1 interacting protein (MLF1IP), mRNA;  
 gi|255958305|ref|NM\_001164194.1| Homo sapiens perilipin 3 (PLIN3), transcript variant 3, mRNA; gi|2559  
 gi|255982571|ref|NM\_001164165.1| Homo sapiens GPR75-ASB3 readthrough (GPR75-ASB3), mRNA;  
 gi|255982619|ref|NM\_032854.3| Homo sapiens coronin 6 (CORO6), mRNA;  
 gi|256000748|ref|NM\_001164239.1| Homo sapiens DEAH (Asp-Glu-Ala-His) box polypeptide 16 (DHX16), tr  
 gi|256000759|ref|NM\_001164246.1| Homo sapiens chromosome 1 open reading frame 27 (C1orf27), trans  
 gi|256000766|ref|NM\_025074.6| Homo sapiens Fraser syndrome 1 (FRAS1), transcript variant 1, mRNA; gi|  
 gi|256000770|ref|NM\_015884.3| Homo sapiens membrane-bound transcription factor peptidase, site 2 (M  
 gi|256000774|ref|NR\_028322.1| Homo sapiens uncharacterized LOC100132287 (LOC100132287), non-codi  
 gi|256000775|ref|NR\_028324.1| Homo sapiens uncharacterized LOC399844 (FLJ45445), non-coding RNA;  
 gi|256000776|ref|NR\_028325.1| Homo sapiens uncharacterized LOC100132062 (LOC100132062), non-codi  
 gi|256000777|ref|NR\_028326.1| Homo sapiens uncharacterized LOC100133161 (LOC100133161), non-codi  
 gi|256000778|ref|NR\_028327.1| Homo sapiens uncharacterized LOC100133331 (LOC100133331), non-codi  
 gi|256000821|ref|NM\_001013647.1| Homo sapiens putative uncharacterized protein LOC388900 (LOC6468  
 gi|256017125|ref|NM\_021070.4| Homo sapiens latent transforming growth factor beta binding protein 3 (L  
 gi|256017128|ref|NM\_001161630.1| Homo sapiens lysine (K)-specific demethylase 4E (KDM4E), mRNA;  
 gi|256017138|ref|NM\_014704.3| Homo sapiens centrosomal protein 104kDa (CEP104), mRNA;  
 gi|256017140|ref|NM\_133487.3| Homo sapiens RAD51 homolog (S. cerevisiae) (RAD51), transcript variant  
 gi|256017146|ref|NR\_028328.1| Homo sapiens uncharacterized LOC643923 (LOC643923), non-coding RNA  
 gi|256017149|ref|NM\_024767.3| Homo sapiens deleted in liver cancer 1 (DLC1), transcript variant 3, mRNA  
 gi|256017162|ref|NM\_001164273.1| Homo sapiens MAX gene associated (MGA), transcript variant 1, mRN  
 gi|256017171|ref|NR\_028330.1| Homo sapiens chromosome 15 open reading frame 37 (C15orf37), non-co  
 gi|256017173|ref|NM\_001164211.1| Homo sapiens leucine-rich repeats and calponin homology (CH) doma  
 gi|256017183|ref|NM\_001113434.3| Homo sapiens chromosome 17 open reading frame 51 (C17orf51), m  
 gi|256017185|ref|NM\_006438.3| Homo sapiens collectin sub-family member 10 (C-type lectin) (COLEC10),  
 gi|256017191|ref|NM\_002977.3| Homo sapiens sodium channel, voltage-gated, type IX, alpha subunit (SCN  
 gi|256017192|ref|NR\_028334.1| Homo sapiens keratin 18 pseudogene 55 (KRT18P55), non-coding RNA;  
 gi|256017194|ref|NR\_028335.1| Homo sapiens uncharacterized LOC284009 (LOC284009), non-coding RNA  
 gi|256017203|ref|NR\_028336.1| Homo sapiens family with sequence similarity 27-like (FAM27L), non-codir  
 gi|256017204|ref|NM\_020855.2| Homo sapiens zinc finger protein 492 (ZNF492), mRNA;  
 gi|256017205|ref|NR\_028337.1| Homo sapiens FLJ45079 protein (FLJ45079), non-coding RNA;  
 gi|256017228|ref|NR\_028340.1| Homo sapiens uncharacterized LOC100130522 (LOC100130522), transcrip  
 gi|256017248|ref|NM\_001164234.1| Homo sapiens DDHD domain containing 2 (DDHD2), transcript variant  
 gi|256017250|ref|NM\_001164261.1| Homo sapiens peptidylprolyl isomerase A (cyclophilin A)-like 4D (PPIA  
 gi|256017252|ref|NM\_001164262.1| Homo sapiens peptidylprolyl isomerase A (cyclophilin A)-like 4F (PPIA  
 gi|256017254|ref|NM\_001143883.2| Homo sapiens peptidylprolyl isomerase A (cyclophilin A)-like 4B (PPIA  
 gi|256017255|ref|NM\_001135789.2| Homo sapiens peptidylprolyl isomerase A (cyclophilin A)-like 4C (PPIA  
 gi|256017258|ref|NM\_001135.3| Homo sapiens aggrecan (ACAN), transcript variant 1, mRNA; gi|25601725  
 gi|256217720|ref|NM\_001080513.2| Homo sapiens carboxypeptidase N, polypeptide 2 (CPN2), mRNA;  
 gi|256219563|ref|NM\_001164279.1| Homo sapiens solute carrier family 37 (glucose-6-phosphate transpor  
 gi|256220344|ref|NM\_032258.2| Homo sapiens TBC1 domain family, member 3F (TBC1D3F), mRNA;  
 gi|256221085|ref|NR\_028342.1| Homo sapiens uncharacterized LOC285501 (LOC285501), non-coding RNA  
 gi|256221531|ref|NM\_001005851.2| Homo sapiens zinc finger protein 780B (ZNF780B), mRNA;

gi|256221823|ref|NM\_001164310.1| Homo sapiens family with sequence similarity 166, member B (FAM166B), mRNA;

gi|256222018|ref|NM\_016131.4| Homo sapiens RAB10, member RAS oncogene family (RAB10), mRNA;

gi|256222279|ref|NM\_001164315.1| Homo sapiens ankyrin repeat domain 36 (ANKRD36), mRNA;

gi|256222414|ref|NM\_001164319.1| Homo sapiens filamin B, beta (FLNB), transcript variant 4, mRNA; gi|256222429|ref|NM\_025190.3| Homo sapiens ankyrin repeat domain 36B (ANKRD36B), mRNA;

gi|256222517|ref|NM\_001099771.2| Homo sapiens POTE ankyrin domain family, member F (POTEF), mRNA;

gi|256222644|ref|NR\_028345.1| Homo sapiens uncharacterized LOC286411 (RP1-177G6.2), transcript variant 1, mRNA;

gi|256223131|ref|NR\_028346.1| Homo sapiens tripartite motif containing 53, pseudogene (TRIM53P), non-coding RNA;

gi|256223452|ref|NM\_007204.4| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 20 (DDX20), mRNA;

gi|256225837|ref|NM\_001010858.2| Homo sapiens ring finger protein 187 (RNF187), mRNA;

gi|256355007|ref|NR\_028351.1| Homo sapiens FLJ33360 protein (FLJ33360), non-coding RNA;

gi|256355016|ref|NR\_028352.1| Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class P (PI4KIII1A), mRNA;

gi|256355078|ref|NR\_015398.1| Homo sapiens uncharacterized LOC100128554 (LOC100128554), non-coding RNA;

gi|256355083|ref|NR\_015433.1| Homo sapiens Morf4 family associated protein 1-like 1 pseudogene (LOC99103.1), non-coding RNA;

gi|256355110|ref|NM\_018295.3| Homo sapiens transmembrane protein 140 (TMEM140), mRNA;

gi|256355156|ref|NR\_028347.1| Homo sapiens family with sequence similarity 183, member B (FAM183B), mRNA;

gi|256355158|ref|NR\_028348.1| Homo sapiens uncharacterized LOC100287704 (LOC100287704), non-coding RNA;

gi|256355178|ref|NM\_001127179.2| Homo sapiens myosin VIIA (MYO7A), transcript variant 3, mRNA; gi|256418947|ref|NM\_007153.3| Homo sapiens zinc finger protein 208 (ZNF208), mRNA;

gi|256418957|ref|NM\_152319.3| Homo sapiens chromosome 12 open reading frame 54 (C12orf54), mRNA;

gi|256418962|ref|NM\_182852.2| Homo sapiens cyclin B1 interacting protein 1, E3 ubiquitin protein ligase (CIB1IP1), mRNA;

gi|256418983|ref|NM\_001146157.2| Homo sapiens family with sequence similarity 25, member A (FAM25A), mRNA;

gi|256418984|ref|NM\_001164377.1| Homo sapiens MAS-related GPR, member G (MRGPRG), mRNA;

gi|256418988|ref|NM\_001164379.1| Homo sapiens family with sequence similarity 180, member B (FAM180B), mRNA;

gi|256419000|ref|NM\_001164383.1| Homo sapiens staufen, RNA binding protein, homolog 2 (Drosophila) (STAU2), mRNA;

gi|256542274|ref|NM\_001164397.1| Homo sapiens tripartite motif containing 64B (TRIM64B), mRNA;

gi|256542278|ref|NM\_001164399.1| Homo sapiens chromosome 14 open reading frame 38 (C14orf38), mRNA;

gi|256542287|ref|NM\_001164404.1| Homo sapiens golgin A6 family, member C (GOLGA6C), mRNA;

gi|256542290|ref|NM\_001164405.1| Homo sapiens basic helix-loop-helix family, member a9 (BHLHA9), mRNA;

gi|256542292|ref|NM\_001164407.1| Homo sapiens TLC domain containing 2 (TLCD2), mRNA;

gi|256542296|ref|NM\_000545.5| Homo sapiens HNF1 homeobox A (HNF1A), mRNA;

gi|256542309|ref|NM\_173628.3| Homo sapiens dynein, axonemal, heavy chain 17 (DNAH17), mRNA;

gi|256542312|ref|NM\_006107.3| Homo sapiens LUC7-like 3 (S. cerevisiae) (LUC7L3), transcript variant 2, mRNA;

gi|256542313|ref|NM\_016153.2| Homo sapiens heat shock transcription factor family, X linked 1 (HSFX1), mRNA;

gi|256542314|ref|NM\_001164415.1| Homo sapiens heat shock transcription factor family, X linked 2 (HSFX2), mRNA;

gi|256542316|ref|NM\_001164416.1| Homo sapiens H2B histone family, member M (H2BFM), mRNA;

gi|256542318|ref|NM\_001164417.1| Homo sapiens synovial sarcoma, X breakpoint 2B (SSX2B), mRNA;

gi|256574742|ref|NM\_001164419.1| Homo sapiens methyl-CpG binding domain protein 3-like 4 (MBD3L4), mRNA;

gi|256574744|ref|NM\_001164425.1| Homo sapiens methyl-CpG binding domain protein 3-like 3 (MBD3L3), mRNA;

gi|256574757|ref|NM\_001164431.1| Homo sapiens Rho GTPase activating protein 40 (ARHGAP40), mRNA;

gi|256574764|ref|NM\_001164434.1| Homo sapiens keratin associated protein 22-2 (KRTAP22-2), mRNA;

gi|256574766|ref|NM\_001164435.1| Homo sapiens keratin associated protein 21-3 (KRTAP21-3), mRNA;

gi|256574768|ref|NM\_004935.3| Homo sapiens cyclin-dependent kinase 5 (CDK5), transcript variant 1, mRNA;

gi|256574770|ref|NR\_028357.1| Homo sapiens transmembrane protein 30C (TMEM30C), transcript variant 1, mRNA;

gi|256574773|ref|NM\_001164436.1| Homo sapiens transmembrane protein 212 (TMEM212), mRNA;

gi|256574783|ref|NM\_001164440.1| Homo sapiens ankyrin repeat domain 33B (ANKRD33B), mRNA;

gi|256574787|ref|NM\_001164442.1| Homo sapiens family with sequence similarity 159, member B (FAM159B), mRNA;

gi|256574791|ref|NM\_001164443.1| Homo sapiens ankyrin repeat domain 31 (ANKRD31), mRNA;

gi|256574795|ref|NM\_001164444.1| Homo sapiens chibby homolog 3 (Drosophila) (CBY3), mRNA;

gi|256574800|ref|NR\_028361.1| Homo sapiens gametogenetin binding protein 1 (GGNBP1), non-coding RNA;

gi|256574804|ref|NM\_001164446.1| Homo sapiens chromosome 6 open reading frame 132 (C6orf132), mRNA;

gi|256574831|ref|NM\_001164457.1| Homo sapiens zinc finger protein 705G (ZNF705G), mRNA;

gi|256574836|ref|NM\_001164459.1| Homo sapiens ARP3 actin-related protein 3 homolog C (yeast) (ACTR3);

gi|256600187|ref|NM\_017716.2| Homo sapiens membrane-spanning 4-domains, subfamily A, member 12 (MS4D12), mRNA;

gi|256600193|ref|NM\_016340.5| Homo sapiens Rap guanine nucleotide exchange factor (GEF) 6 (RAPGEF6), mRNA;

gi|256600205|ref|NM\_014797.2| Homo sapiens zinc finger and BTB domain containing 24 (ZBTB24), transcript variant 1, mRNA;

gi|256600209|ref|NM\_001164463.1| Homo sapiens RANBP2-like and GRIP domain containing 8 (RGP8), mRNA;

gi|256600211|ref|NM\_001164464.1| Homo sapiens tripartite motif containing 43B (TRIM43B), mRNA;

gi|256600213|ref|NM\_001164465.1| Homo sapiens golgin A6 family-like 10 (GOLGA6L10), mRNA;

gi|256600215|ref|NM\_001164467.1| Homo sapiens double homeobox 4 like 3 (DUX4L3), mRNA;

gi|256600224|ref|NR\_028366.1| Homo sapiens synovial sarcoma, X breakpoint 6 (pseudogene) (SSX6), non-coding RNA;

gi|256600225|ref|NM\_001164471.1| Homo sapiens testis specific protein, Y-linked 4 (TSPY4), mRNA;

gi|256600227|ref|NM\_173799.3| Homo sapiens T cell immunoreceptor with Ig and ITIM domains (TIGIT), mRNA;

gi|256600246|ref|NM\_001010868.2| Homo sapiens chromosome 6 open reading frame 163 (C6orf163), mRNA;

gi|256600249|ref|NM\_001164460.1| Homo sapiens STEAP family member 1B (STEAP1B), transcript variant 1, mRNA;

gi|256600256|ref|NM\_001164462.1| Homo sapiens mucin 12, cell surface associated (MUC12), mRNA;

gi|256665250|ref|NM\_001005291.2| Homo sapiens sterol regulatory element binding transcription factor 1 (SREBF1), mRNA;

gi|256773175|ref|NM\_005452.5| Homo sapiens WD repeat domain 46 (WDR46), transcript variant 1, mRNA;

gi|256773187|ref|NR\_028369.1| Homo sapiens RNA, U6 small nuclear 21 (RNU6-21), small nuclear RNA;

gi|256773188|ref|NR\_028372.1| Homo sapiens RNA, U6 small nuclear 15 (RNU6-15), small nuclear RNA;

gi|256773189|ref|NR\_028373.1| Homo sapiens RNA, U6 small nuclear 42 (RNU6-42), small nuclear RNA;

gi|256773190|ref|NR\_028374.1| Homo sapiens small nucleolar RNA, H/ACA box 80B (SNORA80B), small nucleolar RNA;

gi|256773191|ref|NR\_028375.1| Homo sapiens non-protein coding RNA, upstream of F2R/PAR1 (NCRUPAR1), non-coding RNA;

gi|256773198|ref|NM\_001005236.3| Homo sapiens olfactory receptor, family 1, subfamily L, member 1 (OR1L1), mRNA;

gi|256773200|ref|NM\_001004453.2| Homo sapiens olfactory receptor, family 1, subfamily L, member 6 (OR1L6), mRNA;

gi|256773206|ref|NM\_001164479.1| Homo sapiens chromosome 5 open reading frame 63 (C5orf63), transcript variant 1, mRNA;

gi|256773214|ref|NR\_028379.1| Homo sapiens FTX transcript, XIST regulator (non-protein coding) (FTX), non-coding RNA;

gi|256773221|ref|NM\_018169.3| Homo sapiens chromosome 12 open reading frame 35 (C12orf35), mRNA;

gi|256773223|ref|NM\_001164484.1| Homo sapiens family with sequence similarity 170, member B (FAM170B), mRNA;

gi|256773229|ref|NM\_182847.2| Homo sapiens acid-sensing (proton-gated) ion channel family member 4 (ASIC4), mRNA;

gi|256773259|ref|NM\_012459.2| Homo sapiens translocase of inner mitochondrial membrane 8 homolog E (TIMM8E), mRNA;

gi|256773271|ref|NM\_001164490.1| Homo sapiens ADAM metalloproteinase domain 8 (ADAM8), transcript variant 1, mRNA;

gi|256773274|ref|NM\_018380.3| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 28 (DDX28), nuclear protein, mRNA;

gi|256818743|ref|NM\_001164372.1| Homo sapiens GPN-loop GTPase 3 (GPN3), transcript variant 2, mRNA;

gi|256818753|ref|NM\_052920.1| Homo sapiens kelch-like 29 (Drosophila) (KLHL29), mRNA;

gi|256818771|ref|NM\_018285.3| Homo sapiens IMP3, U3 small nucleolar ribonucleoprotein, homolog (yeast) (IMP3), mRNA;

gi|256818773|ref|NM\_001164496.1| Homo sapiens WD repeat domain 52 (WDR52), transcript variant 1, mRNA;

gi|256818777|ref|NM\_182587.3| Homo sapiens unc-80 homolog (C. elegans) (UNC80), transcript variant 2, mRNA;

gi|256818781|ref|NM\_001040285.2| Homo sapiens PAP associated domain containing 5 (PAPD5), transcript variant 1, mRNA;

gi|256818789|ref|NM\_032227.3| Homo sapiens transmembrane protein 164 (TMEM164), transcript variant 1, mRNA;

gi|256818797|ref|NM\_001164502.1| Homo sapiens eukaryotic translation initiation factor 4E nuclear isoform 1 (EIF4E), mRNA;

gi|256818815|ref|NM\_006812.3| Homo sapiens osteosarcoma amplified 9, endoplasmic reticulum lectin (C9orf10), mRNA;

gi|256818819|ref|NM\_020775.3| Homo sapiens KIAA1324 (KIAA1324), mRNA;

gi|256818820|ref|NM\_020165.3| Homo sapiens RAD18 homolog (S. cerevisiae) (RAD18), mRNA;

gi|256818824|ref|NM\_015963.5| Homo sapiens THAP domain containing 4 (THAP4), transcript variant 1, mRNA

gi|256985097|ref|NM\_181836.5| Homo sapiens transmembrane emp24 protein transport domain containing 1 (TMED4), mRNA

gi|256985143|ref|NM\_012133.4| Homo sapiens coatamer protein complex, subunit gamma 2 (COPG2), mRNA

gi|256985144|ref|NM\_001113239.2| Homo sapiens homeodomain interacting protein kinase 2 (HIPK2), transcript variant 1, mRNA

gi|256985159|ref|NM\_001164522.1| Homo sapiens RAB7B, member RAS oncogene family (RAB7B), transcript variant 1, mRNA

gi|256985184|ref|NR\_028323.1| Homo sapiens solute carrier family 5 (sodium-dependent vitamin transporter) member 1 (SLC5A1), mRNA

gi|257096065|ref|NR\_028386.1| Homo sapiens uncharacterized LOC375196 (LOC375196), non-coding RNA

gi|257153355|ref|NR\_028390.1| Homo sapiens uncharacterized LOC285796 (LOC285796), non-coding RNA

gi|257153372|ref|NR\_028397.1| Homo sapiens TSNAX-DISC1 readthrough (TSNAX-DISC1), transcript variant 1, mRNA

gi|257153398|ref|NM\_138785.3| Homo sapiens chromosome 6 open reading frame 72 (C6orf72), mRNA

gi|257153399|ref|NM\_006890.3| Homo sapiens carcinoembryonic antigen-related cell adhesion molecule 7 (CEACAM7), mRNA

gi|257153403|ref|NM\_152474.4| Homo sapiens chromosome 19 open reading frame 18 (C19orf18), mRNA

gi|257153473|ref|NM\_001164545.1| Homo sapiens disrupted in schizophrenia 1 (DISC1), transcript variant 1, mRNA

gi|257195171|ref|NR\_028389.1| Homo sapiens uncharacterized LOC100128640 (LOC100128640), non-coding RNA

gi|257195176|ref|NM\_015338.5| Homo sapiens additional sex combs like 1 (Drosophila) (ASXL1), transcript variant 1, mRNA

gi|257195179|ref|NM\_144779.2| Homo sapiens FXD domain containing ion transport regulator 5 (FXD5), transcript variant 1, mRNA

gi|257196118|ref|NM\_031218.3| Homo sapiens zinc finger protein 93 (ZNF93), mRNA

gi|257196135|ref|NM\_001164579.1| Homo sapiens chromosome 16 open reading frame 52 (C16orf52), mRNA

gi|257196141|ref|NM\_001142864.2| Homo sapiens piezo-type mechanosensitive ion channel component 1 (PIEZO1), mRNA

gi|257196150|ref|NM\_001164586.1| Homo sapiens immunoglobulin-like and fibronectin type III domain containing 1 (ITIH3), mRNA

gi|257196241|ref|NM\_001063.3| Homo sapiens transferrin (TF), mRNA

gi|257196253|ref|NM\_138636.4| Homo sapiens toll-like receptor 8 (TLR8), mRNA

gi|257196269|ref|NR\_028409.1| Homo sapiens long intergenic non-protein coding RNA 207 (LINC00207), transcript variant 1, mRNA

gi|257196278|ref|NM\_003012.4| Homo sapiens secreted frizzled-related protein 1 (SFRP1), mRNA

gi|257467480|ref|NM\_012154.3| Homo sapiens eukaryotic translation initiation factor 2C, 2 (EIF2C2), transcript variant 1, mRNA

gi|257467521|ref|NR\_028415.1| Homo sapiens uncharacterized LOC100292680 (LOC100292680), non-coding RNA

gi|257467536|ref|NM\_080656.2| Homo sapiens CDKN2A interacting protein N-terminal like (CDKN2AIPNL), transcript variant 1, mRNA

gi|257467539|ref|NM\_206808.2| Homo sapiens citrate lyase beta like (CLYBL), mRNA

gi|257467547|ref|NM\_001164637.1| Homo sapiens endonuclease V (ENDOV), transcript variant 2, mRNA

gi|257467557|ref|NM\_002338.3| Homo sapiens limbic system-associated membrane protein (LSAMP), mRNA

gi|257467558|ref|NM\_001004441.2| Homo sapiens ankyrin repeat domain 34B (ANKRD34B), mRNA

gi|257467564|ref|NM\_198526.2| Homo sapiens zinc finger protein 710 (ZNF710), mRNA

gi|257467572|ref|NM\_001013672.4| Homo sapiens chromosome 17 open reading frame 97 (C17orf97), mRNA

gi|257467587|ref|NM\_002753.3| Homo sapiens mitogen-activated protein kinase 10 (MAPK10), transcript variant 1, mRNA

gi|257467613|ref|NM\_005411.4| Homo sapiens surfactant protein A1 (SFTPA1), transcript variant 1, mRNA

gi|257467635|ref|NM\_014831.2| Homo sapiens tetratricopeptide repeat and ankyrin repeat containing 1 (TRAP1), mRNA

gi|257467637|ref|NM\_005865.3| Homo sapiens protease, serine, 16 (thymus) (PRSS16), mRNA

gi|257467638|ref|NM\_080627.2| Homo sapiens suppressor of glucose, autophagy associated 1 (SOGA1), transcript variant 1, mRNA

gi|257467647|ref|NM\_001164664.1| Homo sapiens microtubule associated serine/threonine kinase family class B member 1 (MTAKB1), transcript variant 1, mRNA

gi|257467653|ref|NM\_001164665.1| Homo sapiens KIAA1549 (KIAA1549), transcript variant 2, mRNA

gi|257467678|ref|NM\_173660.4| Homo sapiens docking protein 7 (DOK7), transcript variant 1, mRNA

gi|257470974|ref|NM\_001164674.1| Homo sapiens sulfatase modifying factor 1 (SUMF1), transcript variant 1, mRNA

gi|257470985|ref|NR\_028408.1| Homo sapiens uncharacterized LOC400027 (LOC400027), non-coding RNA

gi|257470994|ref|NR\_028414.1| Homo sapiens apolipoprotein C-I pseudogene 1 (APOC1P1), transcript variant 1, mRNA

gi|257470995|ref|NM\_001164530.1| Homo sapiens zinc finger protein 135 (ZNF135), transcript variant 5, mRNA

gi|257470997|ref|NM\_003506.3| Homo sapiens frizzled family receptor 6 (FZD6), transcript variant 1, mRNA

gi|257471004|ref|NM\_004484.3| Homo sapiens glypican 3 (GPC3), transcript variant 2, mRNA

gi|257743024|ref|NM\_001164508.1| Homo sapiens nebulin (NEB), transcript variant 2, mRNA; gi|257743030|ref|NM\_001164509.1| Homo sapiens nebulin (NEB), transcript variant 1, mRNA; gi|257743050|ref|NM\_178329.2| Homo sapiens chemokine (C-C motif) receptor 3 (CCR3), transcript variant 1, mRNA; gi|257743160|ref|NM\_001010923.2| Homo sapiens thymocyte selection associated (THEMIS), transcript variant 1, mRNA; gi|257743446|ref|NM\_001164688.1| Homo sapiens retinal degeneration 3 (RD3), transcript variant 2, mRNA; gi|257743448|ref|NM\_001098668.2| Homo sapiens surfactant protein A2 (SFTPA2), mRNA; gi|257743453|ref|NM\_005448.2| Homo sapiens bone morphogenetic protein 15 (BMP15), mRNA; gi|257743468|ref|NM\_020547.2| Homo sapiens anti-Mullerian hormone receptor, type II (AMHR2), transcript variant 1, mRNA; gi|257743474|ref|NM\_001013732.3| Homo sapiens patched domain containing 4 (PTCHD4), transcript variant 1, mRNA; gi|257743478|ref|NM\_001143919.2| Homo sapiens leukotriene B4 receptor (LTB4R), transcript variant 2, mRNA; gi|257743487|ref|NM\_203395.2| Homo sapiens iodotyrosine deiodinase (IYD), transcript variant 2, mRNA; gi|25777594|ref|NM\_004898.2| Homo sapiens clock homolog (mouse) (CLOCK), mRNA; gi|25777595|ref|NM\_003648.2| Homo sapiens diacylglycerol kinase, delta 130kDa (DGKD), transcript variant 1, mRNA; gi|25777601|ref|NM\_002808.3| Homo sapiens proteasome (prosome, macropain) 26S subunit, non-ATPase; gi|25777609|ref|NM\_170722.1| Homo sapiens NLR family member X1 (NLRX1), transcript variant 2, mRNA; gi|25777611|ref|NM\_002809.2| Homo sapiens proteasome (prosome, macropain) 26S subunit, non-ATPase; gi|25777613|ref|NM\_005047.2| Homo sapiens proteasome (prosome, macropain) 26S subunit, non-ATPase; gi|25777627|ref|NM\_170741.1| Homo sapiens potassium inwardly-rectifying channel, subfamily J, member 1 (KCNK1), transcript variant 1, mRNA; gi|25777633|ref|NM\_013348.2| Homo sapiens potassium inwardly-rectifying channel, subfamily J, member 1 (KCNK1), transcript variant 2, mRNA; gi|25777636|ref|NM\_002243.3| Homo sapiens potassium inwardly-rectifying channel, subfamily J, member 1 (KCNK1), transcript variant 3, mRNA; gi|25777641|ref|NM\_004137.2| Homo sapiens potassium large conductance calcium-activated channel, subfamily D, member 1 (KCNN1), transcript variant 1, mRNA; gi|25777642|ref|NM\_002248.3| Homo sapiens potassium intermediate/small conductance calcium-activated channel, subfamily D, member 1 (KCNN1), transcript variant 2, mRNA; gi|25777644|ref|NM\_021614.2| Homo sapiens potassium intermediate/small conductance calcium-activated channel, subfamily D, member 1 (KCNN1), transcript variant 3, mRNA; gi|25777651|ref|NM\_002250.2| Homo sapiens potassium intermediate/small conductance calcium-activated channel, subfamily D, member 1 (KCNN1), transcript variant 4, mRNA; gi|25777652|ref|NM\_002251.3| Homo sapiens potassium voltage-gated channel, delayed-rectifier, subfamily A, member 1 (KCNKA1), transcript variant 1, mRNA; gi|25777670|ref|NM\_002714.2| Homo sapiens protein phosphatase 1, regulatory subunit 10 (PPP1R10), mRNA; gi|25777705|ref|NM\_014596.4| Homo sapiens zinc ribbon domain containing 1 (ZNRD1), transcript variant 1, mRNA; gi|25777720|ref|NM\_170740.1| Homo sapiens aldehyde dehydrogenase 5 family, member A1 (ALDH5A1), transcript variant 1, mRNA; gi|25777737|ref|NM\_005589.2| Homo sapiens aldehyde dehydrogenase 6 family, member A1 (ALDH6A1), transcript variant 1, mRNA; gi|257796251|ref|NM\_177404.2| Homo sapiens melanoma antigen family B, 1 (MAGEB1), transcript variant 1, mRNA; gi|257796255|ref|NM\_001164711.1| Homo sapiens aminomethyltransferase (AMT), nuclear gene encoding; gi|257796263|ref|NM\_001004311.3| Homo sapiens folliculogenesis specific basic helix-loop-helix (FIGLA), transcript variant 1, mRNA; gi|257900450|ref|NM\_022068.2| Homo sapiens piezo-type mechanosensitive ion channel component 2 (PIEZO2), transcript variant 1, mRNA; gi|257900459|ref|NM\_001164715.1| Homo sapiens zinc finger protein 605 (ZNF605), transcript variant 2, mRNA; gi|257900461|ref|NM\_001164716.1| Homo sapiens phosphorylase, glycogen, muscle (PYGM), transcript variant 1, mRNA; gi|257900474|ref|NM\_001042454.2| Homo sapiens transforming growth factor beta 1 induced transcript 1 (TGFB1-IT1), transcript variant 1, mRNA; gi|257900489|ref|NM\_000952.4| Homo sapiens platelet-activating factor receptor (PTAFR), transcript variant 1, mRNA; gi|257900507|ref|NM\_019066.4| Homo sapiens MAGE-like 2 (MAGEL2), mRNA; gi|257900511|ref|NM\_022744.2| Homo sapiens chromosome 16 open reading frame 58 (C16orf58), mRNA; gi|257900513|ref|NM\_001164731.1| Homo sapiens receptor accessory protein 1 (REEP1), nuclear gene encoding; gi|257900534|ref|NM\_001164343.1| Homo sapiens zinc finger and BTB domain containing 20 (ZBTB20), transcript variant 1, mRNA; gi|258547106|ref|NR\_028439.1| Homo sapiens chromosome 17 open reading frame 109 (C17orf109), transcript variant 1, mRNA; gi|258547120|ref|NM\_001004312.2| Homo sapiens receptor (chemosensory) transporter protein 2 (RTP2), transcript variant 1, mRNA; gi|258547122|ref|NM\_001151.3| Homo sapiens solute carrier family 25 (mitochondrial carrier; adenine nucleotide carrier) member 1 (SLC25A5), transcript variant 1, mRNA; gi|258547132|ref|NR\_028443.1| Homo sapiens SLC25A5 antisense RNA 1 (non-protein coding) (SLC25A5-AS1), transcript variant 1, mRNA; gi|258547133|ref|NM\_001152.4| Homo sapiens solute carrier family 25 (mitochondrial carrier; adenine nucleotide carrier) member 1 (SLC25A5), transcript variant 2, mRNA; gi|258547136|ref|NM\_178460.2| Homo sapiens signal-regulatory protein delta (SIRPD), mRNA; gi|258547138|ref|NM\_001636.3| Homo sapiens solute carrier family 25 (mitochondrial carrier; adenine nucleotide carrier) member 1 (SLC25A5), transcript variant 3, mRNA;



gi|258613857|ref|NR\_028460.1| Homo sapiens ataxin 3 (ATXN3), transcript variant n, non-coding RNA; gi|258613868|ref|NM\_014918.4| Homo sapiens chondroitin sulfate synthase 1 (CHSY1), mRNA;  
 gi|258613877|ref|NM\_018452.4| Homo sapiens transmembrane protein 242 (TMEM242), mRNA;  
 gi|258613878|ref|NM\_016464.4| Homo sapiens transmembrane protein 138 (TMEM138), transcript variant 1; gi|258613882|ref|NM\_014463.2| Homo sapiens LSM3 homolog, U6 small nuclear RNA associated (S. cerevisiae); gi|258613888|ref|NR\_028474.1| Homo sapiens LSM3 homolog, U6 small nuclear RNA associated (S. cerevisiae); gi|258613905|ref|NM\_001666.4| Homo sapiens Rho GTPase activating protein 4 (ARHGAP4), transcript variant 1; gi|258613918|ref|NM\_012351.2| Homo sapiens olfactory receptor, family 10, subfamily J, member 1 (OR10J1); gi|258613920|ref|NM\_139240.3| Homo sapiens chromosome 1 open reading frame 105 (C1orf105), mRNA; gi|258613922|ref|NM\_006810.3| Homo sapiens protein disulfide isomerase family A, member 5 (PDIA5), transcript variant 1; gi|258613927|ref|NM\_007211.4| Homo sapiens Ras association (RalGDS/AF-6) domain family (N-terminal) 1; gi|258613949|ref|NM\_032467.3| Homo sapiens aspartate beta-hydroxylase (ASPH), transcript variant 4, mRNA; gi|258613966|ref|NM\_000160.3| Homo sapiens glucagon receptor (GCGR), mRNA;  
 gi|258613968|ref|NM\_001164758.1| Homo sapiens protein kinase, cAMP-dependent, regulatory, type I, beta 1; gi|258613986|ref|NM\_001164766.1| Homo sapiens zinc finger homeobox 3 (ZFXH3), transcript variant B, mRNA; gi|258613988|ref|NM\_004044.6| Homo sapiens 5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase; gi|258614002|ref|NM\_001164771.1| Homo sapiens solute carrier family 7 (cationic amino acid transporter, SLC7), member 1; gi|258614017|ref|NR\_028451.1| Homo sapiens branched chain amino-acid transaminase 2, mitochondrial (BCAT2); gi|258645111|ref|NM\_001136191.2| Homo sapiens KN motif and ankyrin repeat domains 2 (KANK2), transcript variant 1; gi|258645119|ref|NM\_173471.3| Homo sapiens solute carrier family 25 (S-adenosylmethionine carrier), member 1; gi|258645156|ref|NR\_028477.1| Homo sapiens RNA binding motif protein, X-linked (RBMX), transcript variant 1; gi|258645162|ref|NM\_213621.3| Homo sapiens 5-hydroxytryptamine (serotonin) receptor 3A, ionotropic (HTR3A); gi|258645171|ref|NM\_001164783.1| Homo sapiens branched chain keto acid dehydrogenase E1, alpha polypeptide; gi|258679432|ref|NM\_020536.4| Homo sapiens CSRP2 binding protein (CSRP2BP), transcript variant 1, mRNA; gi|258679434|ref|NM\_001164811.1| Homo sapiens PET117 homolog (S. cerevisiae) (PET117), mRNA; gi|258679453|ref|NR\_028484.1| Homo sapiens chromosome 22 open reading frame 45 (C22orf45), transcript variant 1; gi|258679454|ref|NM\_198564.3| Homo sapiens dynein, axonemal, heavy chain 12 (DNAH12), transcript variant 1; gi|258679464|ref|NM\_001164825.1| Homo sapiens chromosome 1 open reading frame 212 (C1orf212), transcript variant 1; gi|258679473|ref|NM\_144626.2| Homo sapiens transmembrane protein 125 (TMEM125), mRNA; gi|258679488|ref|NM\_001128831.2| Homo sapiens carbonic anhydrase I (CA1), transcript variant 4, mRNA; gi|258679495|ref|NM\_001164829.1| Homo sapiens chromosome 1 open reading frame 210 (C1orf210), transcript variant 1; gi|258679512|ref|NM\_019079.4| Homo sapiens LINE-1 type transposase domain containing 1 (L1TD1), transcript variant 1; gi|258679532|ref|NM\_001164840.1| Homo sapiens LYR motif containing 4 (LYRM4), transcript variant 2, mRNA; gi|259013210|ref|NM\_199001.2| Homo sapiens chromosome 9 open reading frame 169 (C9orf169), mRNA; gi|259013212|ref|NM\_033225.5| Homo sapiens CUB and Sushi multiple domains 1 (CSMD1), mRNA; gi|259013215|ref|NM\_001164883.1| Homo sapiens catenin (cadherin-associated protein), alpha 2 (CTNNA2); gi|259013221|ref|NR\_028471.1| Homo sapiens apolipoprotein O pseudogene (LOC644649), non-coding RNA; gi|259013332|ref|NM\_015204.2| Homo sapiens thrombospondin, type I, domain containing 7A (THSD7A), mRNA; gi|259013519|ref|NM\_001039548.2| Homo sapiens kelch-like 35 (Drosophila) (KLHL35), mRNA; gi|259013535|ref|NM\_207582.2| Homo sapiens endogenous retrovirus group FRD, member 1 (ERVFRD-1), mRNA; gi|259013536|ref|NM\_001165031.1| Homo sapiens deoxythymidylate kinase (thymidylate kinase) (DTYMK), mRNA; gi|259013538|ref|NM\_004417.3| Homo sapiens dual specificity phosphatase 1 (DUSP1), mRNA; gi|259013544|ref|NM\_001165034.1| Homo sapiens ring finger protein 182 (RNF182), transcript variant 4, mRNA; gi|259013551|ref|NM\_001003941.2| Homo sapiens oxoglutarate (alpha-ketoglutarate) dehydrogenase (lipoylating); gi|259013555|ref|NM\_004860.3| Homo sapiens fragile X mental retardation, autosomal homolog 2 (FXR2), mRNA; gi|259013559|ref|NM\_001165037.1| Homo sapiens gamma-aminobutyric acid (GABA) A receptor, alpha 5 (GABRA5); gi|259013561|ref|NM\_152990.3| Homo sapiens peroxisomal, testis specific 1 (PXT1), mRNA;

gi|259013563|ref|NM\_145026.3| Homo sapiens spermatogenesis associated, serine-rich 1 (SPATS1), mRNA  
 gi|259013564|ref|NR\_026545.2| Homo sapiens apolipoprotein O (APOO), transcript variant 2, non-coding R  
 gi|259013568|ref|NR\_028495.1| Homo sapiens LYR motif containing 2 (LYRM2), transcript variant 4, non-cc  
 gi|259013576|ref|NM\_152701.3| Homo sapiens ATP-binding cassette, sub-family A (ABC1), member 13 (AB  
 gi|259089409|ref|NR\_028496.1| Homo sapiens oligosaccharyltransferase complex subunit pseudogene 1 (C  
 gi|259089411|ref|NM\_001024937.3| Homo sapiens misshapen-like kinase 1 (MINK1), transcript variant 4, r  
 gi|259089415|ref|NM\_004657.5| Homo sapiens serum deprivation response (SDPR), mRNA;  
 gi|259089417|ref|NM\_001001794.3| Homo sapiens family with sequence similarity 116, member B (FAM11  
 gi|259089419|ref|NR\_028492.1| Homo sapiens cofilin 1 (non-muscle) pseudogene 1 (CFL1P1), non-coding F  
 gi|259089432|ref|NM\_001165257.1| Homo sapiens secretogranin III (SCG3), transcript variant 2, mRNA; gi  
 gi|259089434|ref|NM\_032641.3| Homo sapiens splA/ryanodine receptor domain and SOCS box containing  
 gi|259089437|ref|NM\_001165258.1| Homo sapiens transmembrane protein 14C (TMEM14C), transcript va  
 gi|259089445|ref|NM\_174952.2| Homo sapiens chromosome 4 open reading frame 37 (C4orf37), mRNA;  
 gi|259089454|ref|NM\_199290.3| Homo sapiens nascent polypeptide-associated complex alpha subunit 2 (N  
 gi|25914748|ref|NM\_033450.2| Homo sapiens ATP-binding cassette, sub-family C (CFTR/MRP), member 10  
 gi|25914751|ref|NM\_018848.2| Homo sapiens McKusick-Kaufman syndrome (MKKS), transcript variant 1, r  
 gi|259155288|ref|NR\_003137.2| Homo sapiens RNA, U4 small nuclear 2 (RNU4-2), small nuclear RNA;  
 gi|259155292|ref|NM\_018968.3| Homo sapiens syntrophin, gamma 2 (SNTG2), mRNA;  
 gi|259155297|ref|NM\_001002019.2| Homo sapiens pseudouridylyl synthase 1 (PUS1), transcript variant 2  
 gi|259155300|ref|NM\_003998.3| Homo sapiens nuclear factor of kappa light polypeptide gene enhancer in  
 gi|259155309|ref|NM\_181888.2| Homo sapiens ubiquitin-conjugating enzyme E2D 3 (UBE2D3), transcript v  
 gi|259155316|ref|NM\_001165418.1| Homo sapiens solute carrier family 25 (mitochondrial carrier; oxogluta  
 gi|259155319|ref|NM\_014681.5| Homo sapiens DEAH (Asp-Glu-Ala-His) box polypeptide 34 (DHX34), mRN  
 gi|259155320|ref|NR\_028502.1| Homo sapiens MIR22 host gene (non-protein coding) (MIR22HG), transcrip  
 gi|259155324|ref|NM\_001080483.2| Homo sapiens transmembrane protein 8C (TMEM8C), mRNA;  
 gi|259155339|ref|NM\_001165255.1| Homo sapiens motor neuron and pancreas homeobox 1 (MNX1), tran  
 gi|259490229|ref|NM\_080760.4| Homo sapiens dachshund homolog 1 (Drosophila) (DACH1), transcript var  
 gi|259490261|ref|NR\_028506.1| Homo sapiens neurofibromin 1 pseudogene 2 (NF1P2), non-coding RNA;  
 gi|259490334|ref|NM\_001165885.1| Homo sapiens zinc finger protein 268 (ZNF268), transcript variant 7, n  
 gi|259490353|ref|NR\_028501.1| Homo sapiens endothelin converting enzyme-like 1, pseudogene 2 (ECEL1  
 gi|259490363|ref|NM\_000290.3| Homo sapiens phosphoglycerate mutase 2 (muscle) (PGAM2), mRNA;  
 gi|25952086|ref|NM\_002234.2| Homo sapiens potassium voltage-gated channel, shaker-related subfamily,  
 gi|25952091|ref|NM\_031886.2| Homo sapiens potassium voltage-gated channel, shaker-related subfamily,  
 gi|25952107|ref|NM\_002252.3| Homo sapiens potassium voltage-gated channel, delayed-rectifier, subfami  
 gi|25952110|ref|NM\_000594.2| Homo sapiens tumor necrosis factor (TNF), mRNA;  
 gi|259906015|ref|NM\_001165877.1| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial Fo comp  
 gi|259906021|ref|NM\_001164816.1| Homo sapiens apoptotic chromatin condensation inducer 1 (ACIN1), t  
 gi|259906387|ref|NM\_025000.3| Homo sapiens DDB1 and CUL4 associated factor 17 (DCAF17), transcript v  
 gi|259906401|ref|NM\_022117.3| Homo sapiens TSPY-like 2 (TSPYL2), mRNA;  
 gi|259906402|ref|NM\_001165895.1| Homo sapiens CD320 molecule (CD320), transcript variant 2, mRNA; g  
 gi|259906427|ref|NR\_028508.1| Homo sapiens prostate androgen-regulated transcript 1 (non-protein codi  
 gi|259906429|ref|NM\_001123363.3| Homo sapiens RANBP2-like and GRIP domain containing 6 (RGP6), tr  
 gi|259906437|ref|NM\_003844.3| Homo sapiens tumor necrosis factor receptor superfamily, member 10a (  
 gi|259906439|ref|NM\_080660.3| Homo sapiens zinc finger CCCH-type, antiviral 1-like (ZC3HAV1L), mRNA;  
 gi|259906443|ref|NM\_152290.2| Homo sapiens chromosome 1 open reading frame 158 (C1orf158), mRNA  
 gi|260064008|ref|NM\_015306.2| Homo sapiens ubiquitin specific peptidase 24 (USP24), mRNA;  
 gi|260064010|ref|NM\_005271.3| Homo sapiens glutamate dehydrogenase 1 (GLUD1), nuclear gene encodi

gi|260064012|ref|NM\_001165931.1| Homo sapiens ribonucleotide reductase M2 (RRM2), transcript variant 1, mRNA; gi|260064015|ref|NM\_001040007.2| Homo sapiens R-spondin 4 (RSPO4), transcript variant 2, mRNA; gi|260064026|ref|NM\_001164738.1| Homo sapiens calcitonin receptor (CALCR), transcript variant 3, mRNA; gi|260064035|ref|NR\_028510.1| Homo sapiens TYRO3P protein tyrosine kinase pseudogene (TYRO3P), non-coding RNA; gi|260064042|ref|NR\_028514.1| Homo sapiens uncharacterized LOC100306951 (LOC100306951), non-coding RNA; gi|260064043|ref|NR\_028511.1| Homo sapiens trace amine associated receptor 3 (gene/pseudogene) (TAAR3), transcript variant 1, mRNA; gi|260064064|ref|NM\_001165923.1| Homo sapiens HNF1 homeobox B (HNF1B), transcript variant 2, mRNA; gi|260064067|ref|NM\_177937.2| Homo sapiens golgi membrane protein 1 (GOLM1), transcript variant 2, mRNA; gi|260064070|ref|NM\_000502.4| Homo sapiens eosinophil peroxidase (EPX), mRNA; gi|260064071|ref|NM\_001165924.1| Homo sapiens empty spiracles homeobox 2 (EMX2), transcript variant 1, mRNA; gi|260064073|ref|NM\_017777.3| Homo sapiens Meckel syndrome, type 1 (MKS1), transcript variant 1, mRNA; gi|260099624|ref|NM\_080836.3| Homo sapiens serine/threonine kinase 35 (STK35), mRNA; gi|260099634|ref|NM\_001165933.1| Homo sapiens regulator of G-protein signaling 9 (RGS9), transcript variant 1, mRNA; gi|260099639|ref|NM\_013279.2| Homo sapiens chromosome 11 open reading frame 9 (C11orf9), transcript variant 1, mRNA; gi|260099665|ref|NM\_007215.3| Homo sapiens polymerase (DNA directed), gamma 2, accessory subunit (POLG2), transcript variant 1, mRNA; gi|260099674|ref|NM\_004969.3| Homo sapiens insulin-degrading enzyme (IDE), transcript variant 1, mRNA; gi|260099695|ref|NM\_001006658.2| Homo sapiens complement component (3d/Epstein Barr virus) receptor 1 (C3dEBV), transcript variant 1, mRNA; gi|260166621|ref|NM\_173717.1| Homo sapiens elc homolog 2 (E. coli) (ELAC2), transcript variant 2, mRNA; gi|260166632|ref|NM\_001165963.1| Homo sapiens sodium channel, voltage-gated, type I, alpha subunit (SCN1A), transcript variant 1, mRNA; gi|260166636|ref|NM\_032387.4| Homo sapiens WNK lysine deficient protein kinase 4 (WNK4), mRNA; gi|260166646|ref|NM\_001165966.1| Homo sapiens PITPNM family member 3 (PITPNM3), transcript variant 1, mRNA; gi|260166649|ref|NM\_001165967.1| Homo sapiens hairy and enhancer of split 7 (Drosophila) (HES7), transcript variant 1, mRNA; gi|260166653|ref|NR\_023847.2| Homo sapiens PEG3 antisense RNA 1 (non-protein coding) (PEG3-AS1), non-coding RNA; gi|260166656|ref|NM\_004603.3| Homo sapiens syntaxin 1A (brain) (STX1A), transcript variant 1, mRNA; gi|260166661|ref|NM\_001003787.2| Homo sapiens STE20-related kinase adaptor alpha (STRADA), transcript variant 1, mRNA; gi|260166671|ref|NM\_001165972.1| Homo sapiens neuregulin 3 (NRG3), transcript variant 2, mRNA; gi|260166682|ref|NR\_028581.1| Homo sapiens glucose 6 phosphatase, catalytic, 3 (G6PC3), transcript variant 1, mRNA; gi|260166693|ref|NM\_001165979.1| Homo sapiens phospholipase C, epsilon 1 (PLCE1), transcript variant 2, mRNA; gi|26024208|ref|NM\_016521.2| Homo sapiens transcription factor Dp family, member 3 (TFDP3), mRNA; gi|26024320|ref|NM\_172138.1| Homo sapiens interleukin 28A (interferon, lambda 2) (IL28A), mRNA; gi|26024324|ref|NM\_172140.1| Homo sapiens interleukin 29 (interferon, lambda 1) (IL29), mRNA; gi|260272342|ref|NM\_006760.3| Homo sapiens uroplakin 2 (UPK2), mRNA; gi|260275535|ref|NR\_028588.1| Homo sapiens enoyl-CoA delta isomerase 2 (ECI2), transcript variant 4, non-coding RNA; gi|260306181|ref|NM\_001165974.1| Homo sapiens urocanase domain containing 1 (UROCN1), transcript variant 1, mRNA; gi|260314197|ref|NM\_014165.3| Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly intermediate 1 (ND1), non-coding RNA; gi|260436829|ref|NM\_001017980.3| Homo sapiens VMA21 vacuolar H<sup>+</sup>-ATPase homolog (S. cerevisiae) (VMA21), transcript variant 1, mRNA; gi|260436836|ref|NM\_001166007.1| Homo sapiens erythrocyte membrane protein band 4.1 (elliptocytosis) (EPB4.1), transcript variant 1, mRNA; gi|260436842|ref|NM\_032347.2| Homo sapiens zinc finger protein 397 (ZNF397), transcript variant 2, mRNA; gi|260436845|ref|NM\_001166012.1| Homo sapiens zinc finger and SCAN domain containing 30 (ZSCAN30), transcript variant 1, mRNA; gi|260436847|ref|NM\_016626.4| Homo sapiens mex-3 homolog C (C. elegans) (MEX3C), mRNA; gi|260436852|ref|NM\_021074.4| Homo sapiens NADH dehydrogenase (ubiquinone) flavoprotein 2, 24kDa (ND2), non-coding RNA; gi|260436857|ref|NM\_001166018.1| Homo sapiens POU class 6 homeobox 2 (POU6F2), transcript variant 2, mRNA; gi|260436861|ref|NM\_001127.3| Homo sapiens adaptor-related protein complex 1, beta 1 subunit (AP1B1), transcript variant 1, mRNA; gi|260436868|ref|NM\_005215.3| Homo sapiens deleted in colorectal carcinoma (DCC), mRNA; gi|260436873|ref|NM\_000147.4| Homo sapiens fucosidase, alpha-L-1, tissue (FUCA1), mRNA; gi|260436906|ref|NM\_001752.3| Homo sapiens catalase (CAT), mRNA; gi|260436925|ref|NM\_001931.4| Homo sapiens dihydrolipoamide S-acetyltransferase (DLAT), nuclear gene

gi|260436926|ref|NR\_028594.1| Homo sapiens zinc finger protein 833, pseudogene (ZNF833P), non-coding  
 gi|260436929|ref|NM\_001166037.1| Homo sapiens zinc finger protein 260 (ZNF260), transcript variant 3, n  
 gi|260436978|ref|NM\_000924.3| Homo sapiens phosphodiesterase 1B, calmodulin-dependent (PDE1B), tra  
 gi|260447061|ref|NM\_001166035.1| Homo sapiens suprabasin (SBSN), transcript variant 3, mRNA; gi|2604  
 gi|26051222|ref|NM\_172095.1| Homo sapiens cation channel, sperm associated 2 (CATSPER2), transcript v  
 gi|26051234|ref|NM\_018230.2| Homo sapiens nucleoporin 133kDa (NUP133), mRNA;  
 gi|26051236|ref|NM\_017426.2| Homo sapiens nucleoporin 54kDa (NUP54), mRNA;  
 gi|26051239|ref|NM\_006291.2| Homo sapiens tumor necrosis factor, alpha-induced protein 2 (TNFAIP2), r  
 gi|26051241|ref|NM\_006290.2| Homo sapiens tumor necrosis factor, alpha-induced protein 3 (TNFAIP3), r  
 gi|260593642|ref|NM\_004646.3| Homo sapiens nephrosis 1, congenital, Finnish type (nephrin) (NPHS1), ml  
 gi|260593648|ref|NM\_001957.3| Homo sapiens endothelin receptor type A (EDNRA), transcript variant 1, n  
 gi|260593664|ref|NM\_001166057.1| Homo sapiens peptidase D (PEPD), transcript variant 3, mRNA; gi|260  
 gi|260593676|ref|NM\_199037.3| Homo sapiens sodium channel, voltage-gated, type I, beta subunit (SCN1B)  
 gi|260593678|ref|NM\_001060.5| Homo sapiens thromboxane A2 receptor (TBXA2R), transcript variant a, n  
 gi|260593683|ref|NM\_001166060.1| Homo sapiens glycine receptor, beta (GLRB), transcript variant 2, mRN  
 gi|260593688|ref|NM\_181702.2| Homo sapiens GTP binding protein overexpressed in skeletal muscle (GEN  
 gi|260593714|ref|NM\_033050.4| Homo sapiens succinate receptor 1 (SUCNR1), mRNA;  
 gi|260593715|ref|NM\_014916.3| Homo sapiens lemur tyrosine kinase 2 (LMTK2), mRNA;  
 gi|260593717|ref|NM\_002065.5| Homo sapiens glutamate-ammonia ligase (GLUL), transcript variant 1, mR  
 gi|260593723|ref|NM\_202001.2| Homo sapiens excision repair cross-complementing rodent repair defici  
 gi|260654088|ref|NM\_198570.3| Homo sapiens von Willebrand factor C domain containing 2 (VWC2), mRN  
 gi|260654707|ref|NM\_001166059.1| Homo sapiens 3-hydroxymethyl-3-methylglutaryl-CoA lyase (HMGCL),  
 gi|260655621|ref|NM\_000660.4| Homo sapiens transforming growth factor, beta 1 (TGFB1), mRNA;  
 gi|260655997|ref|NM\_004750.4| Homo sapiens cytokine receptor-like factor 1 (CRLF1), mRNA;  
 gi|260656004|ref|NM\_001166102.1| Homo sapiens NADH dehydrogenase (ubiquinone) flavoprotein 1, 51k  
 gi|260656006|ref|NM\_021102.3| Homo sapiens serine peptidase inhibitor, Kunitz type, 2 (SPINT2), transcrip  
 gi|260656019|ref|NM\_001166104.1| Homo sapiens nuclear receptor subfamily 3, group C, member 2 (NR3  
 gi|260656023|ref|NM\_006888.4| Homo sapiens calmodulin 1 (phosphorylase kinase, delta) (CALM1), trans  
 gi|260656026|ref|NM\_005518.3| Homo sapiens 3-hydroxy-3-methylglutaryl-CoA synthase 2 (mitochondrial  
 gi|260656036|ref|NM\_001166111.1| Homo sapiens patatin-like phospholipase domain containing 6 (PNPLA  
 gi|260656050|ref|NM\_006194.3| Homo sapiens paired box 9 (PAX9), mRNA;  
 gi|260656051|ref|NM\_015697.7| Homo sapiens coenzyme Q2 homolog, prenyltransferase (yeast) (COQ2),  
 gi|260656055|ref|NM\_001130714.2| Homo sapiens lymphoid enhancer-binding factor 1 (LEF1), transcript v  
 gi|260656059|ref|NR\_029374.1| Homo sapiens uncharacterized LOC641518 (LOC641518), transcript varian  
 gi|260763879|ref|NM\_001165994.1| Homo sapiens glycerophosphodiester phosphodiesterase domain con  
 gi|260763888|ref|NR\_028597.1| Homo sapiens steroid-5-alpha-reductase, alpha polypeptide 1 pseudogene  
 gi|260763891|ref|NM\_054031.3| Homo sapiens MAS-related GPR, member X3 (MRGPRX3), mRNA;  
 gi|260763897|ref|NM\_001166004.1| Homo sapiens apolipoprotein B mRNA editing enzyme, catalytic polyp  
 gi|260763903|ref|NM\_001165937.1| Homo sapiens StAR-related lipid transfer (START) domain containing 3  
 gi|260763911|ref|NM\_001166017.1| Homo sapiens spindle and kinetochore associated complex subunit 3  
 gi|260763913|ref|NR\_029192.1| Homo sapiens transient receptor potential cation channel, subfamily C, me  
 gi|260763918|ref|NR\_029193.1| Homo sapiens uncharacterized LOC100287216 (LOC100287216), non-codi  
 gi|260763921|ref|NM\_001166116.1| Homo sapiens tropomodulin 1 (TMOD1), transcript variant 2, mRNA; {  
 gi|260763924|ref|NM\_020340.4| Homo sapiens KIAA1244 (KIAA1244), mRNA;  
 gi|260763930|ref|NM\_001166120.1| Homo sapiens hydroxy-delta-5-steroid dehydrogenase, 3 beta- and st  
 gi|260763954|ref|NM\_015965.6| Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 1:  
 gi|260763959|ref|NM\_017935.4| Homo sapiens B-cell scaffold protein with ankyrin repeats 1 (BANK1), trar

gi|260763964|ref|NM\_001001875.3| Homo sapiens tumor protein D52-like 3 (TPD52L3), transcript variant  
 gi|260763968|ref|NM\_001166131.1| Homo sapiens essential meiotic endonuclease 1 homolog 1 (S. pombe  
 gi|260763972|ref|NM\_020533.2| Homo sapiens mucolipin 1 (MCOLN1), mRNA;  
 gi|260763974|ref|NM\_001077446.2| Homo sapiens tRNA splicing endonuclease 34 homolog (S. cerevisiae)  
 gi|260763983|ref|NM\_025136.3| Homo sapiens optic atrophy 3 (autosomal recessive, with chorea and spa  
 gi|260763986|ref|NM\_015312.3| Homo sapiens KIAA1109 (KIAA1109), mRNA;  
 gi|260763987|ref|NM\_001099737.2| Homo sapiens WD repeat domain 83 (WDR83), transcript variant 1, m  
 gi|260763993|ref|NM\_001166136.1| Homo sapiens Ellis van Creveld syndrome 2 (EVC2), transcript variant  
 gi|260764000|ref|NM\_001166139.1| Homo sapiens ligand dependent nuclear receptor corepressor-like (LC  
 gi|260764002|ref|NM\_001454.3| Homo sapiens forkhead box J1 (FOXJ1), mRNA;  
 gi|260764010|ref|NM\_144707.2| Homo sapiens prominin 2 (PROM2), transcript variant 3, mRNA; gi|26076  
 gi|260764019|ref|NM\_007046.3| Homo sapiens elastin microfibril interfacer 1 (EMILIN1), mRNA;  
 gi|26080430|ref|NM\_024857.3| Homo sapiens ATPase family, AAA domain containing 5 (ATAD5), mRNA;  
 gi|260898742|ref|NM\_001166159.1| Homo sapiens NADH dehydrogenase (ubiquinone) Fe-S protein 2, 49k  
 gi|260898749|ref|NM\_001166175.1| Homo sapiens NK2 homeobox 5 (NKX2-5), transcript variant 2, mRNA;  
 gi|260898757|ref|NM\_021571.3| Homo sapiens caspase recruitment domain family, member 18 (CARD18),  
 gi|260898762|ref|NM\_001166135.1| Homo sapiens RNA binding motif protein 28 (RBM28), transcript varia  
 gi|260898766|ref|NR\_029376.1| Homo sapiens uncharacterized LOC100294362 (LOC100294362), non-codi  
 gi|260898769|ref|NM\_001166137.1| Homo sapiens family with sequence similarity 75, member C2 (FAM75  
 gi|260898771|ref|NM\_005957.4| Homo sapiens methylenetetrahydrofolate reductase (NAD(P)H) (MTHFR),  
 gi|260898772|ref|NM\_176812.4| Homo sapiens charged multivesicular body protein 4B (CHMP4B), mRNA;  
 gi|260898775|ref|NR\_029377.1| Homo sapiens chromosome 20 open reading frame 7 (C20orf7), transcript  
 gi|261244895|ref|NM\_001079668.2| Homo sapiens NK2 homeobox 1 (NKX2-1), transcript variant 1, mRNA;  
 gi|261244896|ref|NR\_029379.1| Homo sapiens uncharacterized LOC100132163 (LOC100132163), non-codi  
 gi|261244905|ref|NM\_001166163.1| Homo sapiens protein phosphatase 1, regulatory subunit 9A (PPP1R9,  
 gi|261244916|ref|NM\_014239.3| Homo sapiens eukaryotic translation initiation factor 2B, subunit 2 beta, ε  
 gi|261244917|ref|NR\_029380.1| Homo sapiens uncharacterized LOC399806 (FLJ41350), non-coding RNA;  
 gi|261244922|ref|NM\_001166168.1| Homo sapiens NIMA (never in mitosis gene a)-related kinase 6 (NEK6)  
 gi|261245011|ref|NR\_029385.1| Homo sapiens Otx2 opposite strand transcript 1 (OTX2OS1), non-coding RI  
 gi|261245014|ref|NM\_014294.5| Homo sapiens translocation associated membrane protein 1 (TRAM1), ml  
 gi|261245021|ref|NM\_001166212.1| Homo sapiens cardiotrophin-like cytokine factor 1 (CLCF1), transcript  
 gi|261245044|ref|NR\_029388.1| Homo sapiens poly (ADP-ribose) glycohydrolase pseudogene (LOC728407)  
 gi|261245049|ref|NM\_021926.3| Homo sapiens ALX homeobox 4 (ALX4), mRNA;  
 gi|261245052|ref|NM\_004553.4| Homo sapiens NADH dehydrogenase (ubiquinone) Fe-S protein 6, 13kDa (N  
 gi|261245060|ref|NM\_001166226.1| Homo sapiens centrosomal protein 120kDa (CEP120), transcript varia  
 gi|261245131|ref|NR\_029378.1| Homo sapiens uncharacterized LOC100289511 (LOC100289511), non-codi  
 gi|261278290|ref|NR\_029383.1| Homo sapiens PAN3 antisense RNA 1 (non-protein coding) (PAN3-AS1), no  
 gi|261278291|ref|NR\_029386.1| Homo sapiens defensin, alpha 10 pseudogene (DEFA10P), non-coding RNA  
 gi|261278294|ref|NM\_007286.5| Homo sapiens synaptopodin (SYNPO), transcript variant 1, mRNA; gi|261  
 gi|261278305|ref|NM\_001166215.1| Homo sapiens sphingosine-1-phosphate receptor 5 (S1PR5), transcrip  
 gi|261278313|ref|NM\_006649.3| Homo sapiens UTP14, U3 small nucleolar ribonucleoprotein, homolog A (U  
 gi|261278316|ref|NR\_029389.1| Homo sapiens uncharacterized LOC100134317 (LOC100134317), non-codi  
 gi|261278317|ref|NR\_029390.1| Homo sapiens uncharacterized LOC284412 (LOC284412), non-coding RNA,  
 gi|261278347|ref|NM\_001166239.1| Homo sapiens cell growth regulator with EF-hand domain 1 (CGREF1),  
 gi|261278355|ref|NM\_001166242.1| Homo sapiens chromosome 22 open reading frame 39 (C22orf39), tra  
 gi|261278357|ref|NM\_001166243.1| Homo sapiens fragile histidine triad (FHIT), transcript variant 2, mRNA  
 gi|261278361|ref|NM\_001166247.1| Homo sapiens glutamate receptor, ionotropic, kainate 2 (GRIK2), tran

gi|261278367|ref|NM\_001166252.1| Homo sapiens lipid phosphate phosphatase-related protein type 4 (LP  
 gi|261278371|ref|NM\_001166254.1| Homo sapiens thromboxane A synthase 1 (platelet) (TBXAS1), transcri  
 gi|261278374|ref|NR\_029395.1| Homo sapiens immunoglobulin lambda-like polypeptide 3, pseudogene (IC  
 gi|261337144|ref|NM\_001077653.2| Homo sapiens T-box 20 (TBX20), transcript variant 1, mRNA; gi|26133  
 gi|261337147|ref|NR\_029392.1| Homo sapiens keratin 16 pseudogene 2 (KRT16P2), non-coding RNA;  
 gi|261337148|ref|NR\_029393.1| Homo sapiens keratin 16 pseudogene 3 (KRT16P3), non-coding RNA;  
 gi|261337159|ref|NM\_004237.3| Homo sapiens thyroid hormone receptor interactor 13 (TRIP13), transcrip  
 gi|261337166|ref|NM\_000627.3| Homo sapiens latent transforming growth factor beta binding protein 1 (L  
 gi|261337176|ref|NR\_002755.3| Homo sapiens RNA, U5D small nuclear 1 (RNU5D-1), small nuclear RNA;  
 gi|261337182|ref|NM\_182905.4| Homo sapiens WAS protein family homolog 1 (WASH1), mRNA;  
 gi|261337186|ref|NM\_153023.2| Homo sapiens spermatogenesis associated 13 (SPATA13), transcript varia  
 gi|261399874|ref|NM\_001166284.1| Homo sapiens chaperonin containing TCP1, subunit 7 (eta) (CCT7), tra  
 gi|261399891|ref|NR\_029396.1| Homo sapiens uncharacterized LOC399753 (LOC399753), non-coding RNA  
 gi|261490635|ref|NR\_029401.1| Homo sapiens uncharacterized LOC731275 (LOC731275), non-coding RNA  
 gi|261490644|ref|NM\_176817.4| Homo sapiens taste receptor, type 2, member 38 (TAS2R38), mRNA;  
 gi|261490650|ref|NR\_029404.1| Homo sapiens tyrosine 3-monooxygenase/tryptophan 5-monooxygenase ;  
 gi|261490657|ref|NM\_033140.3| Homo sapiens caldesmon 1 (CALD1), transcript variant 5, mRNA; gi|26149  
 gi|261490683|ref|NM\_197974.2| Homo sapiens butyrophilin, subfamily 3, member A3 (BTN3A3), transcript  
 gi|261490705|ref|NM\_017861.3| Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class X (PI  
 gi|261490709|ref|NM\_001031618.3| Homo sapiens speedy homolog E2 (Xenopus laevis) (SPDYE2), mRNA;  
 gi|261490713|ref|NM\_001011655.2| Homo sapiens transmembrane protein 44 (TMEM44), transcript varia  
 gi|261490718|ref|NR\_029409.1| Homo sapiens uncharacterized LOC255512 (LOC255512), non-coding RNA  
 gi|261490719|ref|NM\_001039395.3| Homo sapiens spermatogenesis associated 6-like (SPATA6L), mRNA;  
 gi|261490723|ref|NM\_006830.3| Homo sapiens ubiquinol-cytochrome c reductase, complex III subunit XI (I  
 gi|261598988|ref|NR\_029405.1| Homo sapiens uncharacterized LOC643406 (LOC643406), non-coding RNA  
 gi|261598989|ref|NR\_029406.1| Homo sapiens ribosomal protein L23a pseudogene (FLJ43681), non-coding  
 gi|261598990|ref|NR\_029407.1| Homo sapiens uncharacterized LOC642361 (LOC642361), non-coding RNA  
 gi|261598991|ref|NR\_029408.1| Homo sapiens uncharacterized LOC439994 (LOC439994), non-coding RNA  
 gi|261598992|ref|NR\_029411.1| Homo sapiens uncharacterized LOC100133091 (LOC100133091), non-codi  
 gi|261599043|ref|NM\_001166346.1| Homo sapiens MyoD family inhibitor domain containing (MDFIC), tran  
 gi|261823979|ref|NM\_001166373.1| Homo sapiens membrane-associated ring finger (C3HC4) 1, E3 ubiquit  
 gi|261823992|ref|NM\_001166292.1| Homo sapiens patched 2 (PTCH2), transcript variant 2, mRNA; gi|2618  
 gi|261824032|ref|NR\_029413.1| Homo sapiens MFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransfr  
 gi|261824034|ref|NM\_017815.2| Homo sapiens HAUS augmin-like complex, subunit 4 (HAUS4), transcript v  
 gi|261862235|ref|NM\_020730.2| Homo sapiens discs, large homolog 3 (Drosophila) (DLG3), transcript varia  
 gi|261862239|ref|NR\_029420.1| Homo sapiens ankyrin repeat domain 26 pseudogene (LOC650226), non-c  
 gi|261862240|ref|NM\_031894.2| Homo sapiens ferritin, heavy polypeptide-like 17 (FTHL17), mRNA;  
 gi|261862278|ref|NR\_029422.1| Homo sapiens RNA, U12 small nuclear (RNU12), small nuclear RNA;  
 gi|261862294|ref|NM\_001185.3| Homo sapiens alpha-2-glycoprotein 1, zinc-binding (AZGP1), mRNA;  
 gi|261862295|ref|NR\_029423.1| Homo sapiens mitogen-activated protein kinase kinase 4 pseudogene 1 (N  
 gi|261862333|ref|NM\_000097.5| Homo sapiens coproporphyrinogen oxidase (CPOX), mRNA;  
 gi|261862351|ref|NM\_001166359.1| Homo sapiens serine hydroxymethyltransferase 2 (mitochondrial) (SH  
 gi|261878450|ref|NM\_001127460.2| Homo sapiens PAN2 poly(A) specific ribonuclease subunit homolog (S  
 gi|261878456|ref|NM\_001166281.1| Homo sapiens muscle, skeletal, receptor tyrosine kinase (MUSK), tran  
 gi|261878462|ref|NM\_001166283.1| Homo sapiens RGM domain family, member A (RGMA), transcript var  
 gi|261878472|ref|NM\_001166294.1| Homo sapiens synovial sarcoma, X breakpoint 2 interacting protein (S  
 gi|261878476|ref|NM\_005413.3| Homo sapiens SIX homeobox 3 (SIX3), mRNA;

gi|261878477|ref|NM\_024612.4| Homo sapiens DEAH (Asp-Glu-Ala-His) box polypeptide 40 (DHX40), trans  
 gi|261878482|ref|NM\_001166386.1| Homo sapiens melanoma antigen family A, 12 (MAGEA12), transcript  
 gi|261878486|ref|NM\_005364.4| Homo sapiens melanoma antigen family A, 8 (MAGEA8), transcript varian  
 gi|261878491|ref|NM\_002365.4| Homo sapiens melanoma antigen family B, 3 (MAGEB3), mRNA;  
 gi|261878493|ref|NM\_001166237.1| Homo sapiens gasdermin D (GSDMD), transcript variant 2, mRNA; gi|  
 gi|261878496|ref|NM\_018368.3| Homo sapiens LMBR1 domain containing 1 (LMBRD1), mRNA;  
 gi|261878498|ref|NM\_002367.3| Homo sapiens melanoma antigen family B, 4 (MAGEB4), mRNA;  
 gi|261878499|ref|NM\_005462.4| Homo sapiens melanoma antigen family C, 1 (MAGEC1), mRNA;  
 gi|261878500|ref|NM\_021828.4| Homo sapiens heparanase 2 (HPSE2), transcript variant 1, mRNA; gi|2618  
 gi|261878521|ref|NM\_002426.4| Homo sapiens matrix metalloproteinase 12 (macrophage elastase) (MMP1  
 gi|261878538|ref|NM\_001166415.1| Homo sapiens enoyl-CoA, hydratase/3-hydroxyacyl CoA dehydrogena  
 gi|261878540|ref|NM\_014210.3| Homo sapiens ecotropic viral integration site 2A (EVI2A), transcript varian  
 gi|261878549|ref|NM\_152912.4| Homo sapiens mitochondrial translational initiation factor 3 (MTIF3), nucl  
 gi|261878571|ref|NM\_017883.4| Homo sapiens WD repeat domain 13 (WDR13), transcript variant 1, mRNA;  
 gi|261878574|ref|NM\_001166425.1| Homo sapiens guanine nucleotide binding protein (G protein), alpha ii  
 gi|261878579|ref|NM\_001005210.2| Homo sapiens leucine rich repeat containing 55 (LRRC55), mRNA;  
 gi|261878581|ref|NR\_029426.1| Homo sapiens glucuronidase, beta pseudogene (SMA4), non-coding RNA;  
 gi|26190613|ref|NM\_145307.2| Homo sapiens rhotekin 2 (RTKN2), mRNA;  
 gi|262050536|ref|NM\_002218.4| Homo sapiens inter-alpha-trypsin inhibitor heavy chain family, member 4  
 gi|262050544|ref|NM\_001102416.2| Homo sapiens kininogen 1 (KNG1), transcript variant 1, mRNA; gi|262  
 gi|262050589|ref|NM\_032862.4| Homo sapiens tigger transposable element derived 5 (TIGD5), mRNA;  
 gi|262050619|ref|NM\_001166478.1| Homo sapiens defensin, beta 133 (DEFB133), mRNA;  
 gi|262050672|ref|NM\_001166412.1| Homo sapiens SPARC related modular calcium binding 2 (SMOC2), tra  
 gi|262050676|ref|NM\_016249.3| Homo sapiens melanoma antigen family C, 2 (MAGEC2), mRNA;  
 gi|262072982|ref|NR\_029434.1| Homo sapiens uncharacterized LOC379025 (FLJ31306), transcript variant 1  
 gi|262073006|ref|NM\_001166496.1| Homo sapiens solute carrier family 16, member 1 (monocarboxylic ac  
 gi|262073045|ref|NR\_029448.1| Homo sapiens uncharacterized LOC255411 (LOC255411), transcript varian  
 gi|262073056|ref|NM\_000673.4| Homo sapiens alcohol dehydrogenase 7 (class IV), mu or sigma polypeptic  
 gi|262073107|ref|NM\_001166420.1| Homo sapiens histone deacetylase 8 (HDAC8), transcript variant 4, m  
 gi|262118207|ref|NM\_000202.5| Homo sapiens iduronate 2-sulfatase (IDS), transcript variant 1, mRNA; gi|  
 gi|262118211|ref|NM\_025262.3| Homo sapiens lymphocyte antigen 6 complex, locus G5C (LY6G5C), mRNA  
 gi|262118215|ref|NM\_032251.5| Homo sapiens coiled-coil domain containing 88B (CCDC88B), mRNA;  
 gi|262118228|ref|NR\_029466.1| Homo sapiens cytochrome c oxidase subunit VIIa polypeptide 2 (liver) (CO  
 gi|262118247|ref|NR\_029429.1| Homo sapiens progastricsin (pepsinogen C) pseudogene 1 (PGCP1), non-cc  
 gi|262118254|ref|NM\_001166460.1| Homo sapiens membrane protein, palmitoylated 1, 55kDa (MPP1), tra  
 gi|262118264|ref|NM\_001024457.3| Homo sapiens RANBP2-like and GRIP domain containing 1 (RGPD1), m  
 gi|262118270|ref|NM\_001078170.2| Homo sapiens RANBP2-like and GRIP domain containing 2 (RGPD2), m  
 gi|262118281|ref|NM\_032242.3| Homo sapiens plexin A1 (PLXNA1), mRNA;  
 gi|262118321|ref|NM\_007161.3| Homo sapiens leukocyte specific transcript 1 (LST1), transcript variant 1, r  
 gi|262205112|ref|NR\_029899.1| Homo sapiens microRNA 335 (MIR335), microRNA;  
 gi|262205113|ref|NR\_030155.1| Homo sapiens microRNA 412 (MIR412), microRNA;  
 gi|262205116|ref|NR\_030410.1| Homo sapiens microRNA 1224 (MIR1224), microRNA;  
 gi|262205120|ref|NR\_030156.1| Homo sapiens microRNA 410 (MIR410), microRNA;  
 gi|262205121|ref|NR\_030411.1| Homo sapiens microRNA 454 (MIR454), microRNA;  
 gi|262205125|ref|NR\_030157.1| Homo sapiens microRNA 376b (MIR376B), microRNA;  
 gi|262205126|ref|NR\_030412.1| Homo sapiens microRNA 769 (MIR769), microRNA;  
 gi|262205130|ref|NR\_030158.1| Homo sapiens microRNA 483 (MIR483), microRNA;

gi|262205131|ref|NR\_030413.1| Homo sapiens microRNA 766 (MIR766), microRNA;  
gi|262205134|ref|NR\_029903.1| Homo sapiens microRNA 133b (MIR133B), microRNA;  
gi|262205135|ref|NR\_030159.1| Homo sapiens microRNA 484 (MIR484), microRNA;  
gi|262205136|ref|NR\_030414.1| Homo sapiens microRNA 802 (MIR802), microRNA;  
gi|262205139|ref|NR\_030160.1| Homo sapiens microRNA 485 (MIR485), microRNA;  
gi|262205145|ref|NR\_029905.1| Homo sapiens microRNA 325 (MIR325), microRNA;  
gi|262205146|ref|NR\_030161.1| Homo sapiens microRNA 486 (MIR486), microRNA;  
gi|262205152|ref|NR\_029906.1| Homo sapiens microRNA 345 (MIR345), microRNA;  
gi|262205153|ref|NR\_030162.1| Homo sapiens microRNA 487a (MIR487A), microRNA;  
gi|262205157|ref|NR\_029907.1| Homo sapiens microRNA 346 (MIR346), microRNA;  
gi|262205158|ref|NR\_030163.1| Homo sapiens microRNA 488 (MIR488), microRNA;  
gi|262205165|ref|NR\_030164.1| Homo sapiens microRNA 489 (MIR489), microRNA;  
gi|262205170|ref|NR\_029909.1| Homo sapiens microRNA 384 (MIR384), microRNA;  
gi|262205171|ref|NR\_030165.1| Homo sapiens microRNA 490 (MIR490), microRNA;  
gi|262205173|ref|NR\_030672.1| Homo sapiens KIAA1324-like (KIAA1324L), transcript variant 3, non-coding  
gi|262205176|ref|NR\_030166.1| Homo sapiens microRNA 491 (MIR491), microRNA;  
gi|262205181|ref|NR\_029911.1| Homo sapiens microRNA 196b (MIR196B), microRNA;  
gi|262205182|ref|NR\_030167.1| Homo sapiens microRNA 511-1 (MIR511-1), microRNA;  
gi|262205188|ref|NR\_030168.1| Homo sapiens microRNA 511-2 (MIR511-2), microRNA;  
gi|262205193|ref|NR\_030169.1| Homo sapiens microRNA 146b (MIR146B), microRNA;  
gi|262205198|ref|NR\_030170.1| Homo sapiens microRNA 202 (MIR202), microRNA;  
gi|262205203|ref|NR\_030171.1| Homo sapiens microRNA 492 (MIR492), microRNA;  
gi|262205206|ref|NR\_029660.1| Homo sapiens microRNA let-7g (MIRLET7G), microRNA;  
gi|262205208|ref|NR\_030172.1| Homo sapiens microRNA 493 (MIR493), microRNA;  
gi|262205211|ref|NR\_029661.1| Homo sapiens microRNA let-7i (MIRLET7I), microRNA;  
gi|262205213|ref|NR\_030173.1| Homo sapiens microRNA 432 (MIR432), microRNA;  
gi|262205216|ref|NR\_029662.1| Homo sapiens microRNA 1-2 (MIR1-2), microRNA;  
gi|262205218|ref|NR\_030174.1| Homo sapiens microRNA 494 (MIR494), microRNA;  
gi|262205221|ref|NR\_029663.1| Homo sapiens microRNA 15b (MIR15B), microRNA;  
gi|262205222|ref|NR\_030175.1| Homo sapiens microRNA 495 (MIR495), microRNA;  
gi|262205225|ref|NR\_029664.1| Homo sapiens microRNA 23b (MIR23B), microRNA;  
gi|262205226|ref|NR\_030176.1| Homo sapiens microRNA 496 (MIR496), microRNA;  
gi|262205230|ref|NR\_029665.1| Homo sapiens microRNA 27b (MIR27B), microRNA;  
gi|262205232|ref|NR\_030177.1| Homo sapiens microRNA 193b (MIR193B), microRNA;  
gi|262205236|ref|NR\_029666.1| Homo sapiens microRNA 30b (MIR30B), microRNA;  
gi|262205238|ref|NR\_030178.1| Homo sapiens microRNA 497 (MIR497), microRNA;  
gi|262205241|ref|NR\_029667.1| Homo sapiens microRNA 122 (MIR122), microRNA;  
gi|262205243|ref|NR\_030179.1| Homo sapiens microRNA 181d (MIR181D), microRNA;  
gi|262205247|ref|NR\_029668.1| Homo sapiens microRNA 124-1 (MIR124-1), microRNA;  
gi|262205249|ref|NR\_030180.1| Homo sapiens microRNA 512-1 (MIR512-1), microRNA;  
gi|262205253|ref|NR\_029669.1| Homo sapiens microRNA 124-2 (MIR124-2), microRNA;  
gi|262205254|ref|NR\_030181.1| Homo sapiens microRNA 512-2 (MIR512-2), microRNA;  
gi|262205258|ref|NR\_029670.1| Homo sapiens microRNA 124-3 (MIR124-3), microRNA;  
gi|262205259|ref|NR\_030182.1| Homo sapiens microRNA 498 (MIR498), microRNA;  
gi|262205263|ref|NR\_029671.1| Homo sapiens microRNA 125b-1 (MIR125B1), microRNA;  
gi|262205265|ref|NR\_030183.1| Homo sapiens microRNA 520e (MIR520E), microRNA;  
gi|262205267|ref|NM\_020365.3| Homo sapiens eukaryotic translation initiation factor 2B, subunit 3 gamm



gi|262205268|ref|NR\_029672.1| Homo sapiens microRNA 128-1 (MIR128-1), microRNA;  
gi|262205270|ref|NR\_030184.1| Homo sapiens microRNA 515-1 (MIR515-1), microRNA;  
gi|262205274|ref|NR\_029673.1| Homo sapiens microRNA 130a (MIR130A), microRNA;  
gi|262205276|ref|NR\_030185.1| Homo sapiens microRNA 519e (MIR519E), microRNA;  
gi|262205279|ref|NR\_029674.1| Homo sapiens microRNA 132 (MIR132), microRNA;  
gi|262205281|ref|NR\_030186.1| Homo sapiens microRNA 520f (MIR520F), microRNA;  
gi|262205283|ref|NR\_029675.1| Homo sapiens microRNA 133a-1 (MIR133A1), microRNA;  
gi|262205285|ref|NR\_030187.1| Homo sapiens microRNA 515-2 (MIR515-2), microRNA;  
gi|262205288|ref|NR\_029676.1| Homo sapiens microRNA 133a-2 (MIR133A2), microRNA;  
gi|262205290|ref|NR\_030188.1| Homo sapiens microRNA 519c (MIR519C), microRNA;  
gi|262205292|ref|NR\_029677.1| Homo sapiens microRNA 135a-1 (MIR135A1), microRNA;  
gi|262205294|ref|NR\_030189.1| Homo sapiens microRNA 520a (MIR520A), microRNA;  
gi|262205296|ref|NR\_029678.1| Homo sapiens microRNA 135a-2 (MIR135A2), microRNA;  
gi|262205298|ref|NR\_030190.1| Homo sapiens microRNA 526b (MIR526B), microRNA;  
gi|262205300|ref|NR\_029679.1| Homo sapiens microRNA 137 (MIR137), microRNA;  
gi|262205302|ref|NR\_030191.1| Homo sapiens microRNA 519b (MIR519B), microRNA;  
gi|262205304|ref|NR\_029680.1| Homo sapiens microRNA 138-2 (MIR138-2), microRNA;  
gi|262205306|ref|NR\_030192.1| Homo sapiens microRNA 525 (MIR525), microRNA;  
gi|262205308|ref|NR\_029681.1| Homo sapiens microRNA 140 (MIR140), microRNA;  
gi|262205309|ref|NR\_030193.1| Homo sapiens microRNA 523 (MIR523), microRNA;  
gi|262205311|ref|NR\_029682.1| Homo sapiens microRNA 141 (MIR141), microRNA;  
gi|262205313|ref|NR\_030194.1| Homo sapiens microRNA 518f (MIR518F), microRNA;  
gi|262205315|ref|NR\_029683.1| Homo sapiens microRNA 142 (MIR142), microRNA;  
gi|262205317|ref|NR\_030195.1| Homo sapiens microRNA 520b (MIR520B), microRNA;  
gi|262205319|ref|NR\_029684.1| Homo sapiens microRNA 143 (MIR143), microRNA;  
gi|262205321|ref|NR\_030196.1| Homo sapiens microRNA 518b (MIR518B), microRNA;  
gi|262205324|ref|NR\_029685.1| Homo sapiens microRNA 144 (MIR144), microRNA;  
gi|262205325|ref|NR\_030197.1| Homo sapiens microRNA 526a-1 (MIR526A1), microRNA;  
gi|262205329|ref|NR\_029686.1| Homo sapiens microRNA 145 (MIR145), microRNA;  
gi|262205330|ref|NR\_030198.1| Homo sapiens microRNA 520c (MIR520C), microRNA;  
gi|262205334|ref|NR\_029687.1| Homo sapiens microRNA 152 (MIR152), microRNA;  
gi|262205336|ref|NR\_030199.1| Homo sapiens microRNA 518c (MIR518C), microRNA;  
gi|262205338|ref|NR\_029688.1| Homo sapiens microRNA 153-1 (MIR153-1), microRNA;  
gi|262205339|ref|NR\_029944.1| Homo sapiens microRNA 422a (MIR422A), microRNA;  
gi|262205340|ref|NR\_030200.1| Homo sapiens microRNA 524 (MIR524), microRNA;  
gi|262205343|ref|NR\_029689.1| Homo sapiens microRNA 153-2 (MIR153-2), microRNA;  
gi|262205344|ref|NR\_029945.1| Homo sapiens microRNA 423 (MIR423), microRNA;  
gi|262205345|ref|NR\_030201.1| Homo sapiens microRNA 517a (MIR517A), microRNA;  
gi|262205347|ref|NR\_029690.1| Homo sapiens microRNA 191 (MIR191), microRNA;  
gi|262205348|ref|NR\_029946.1| Homo sapiens microRNA 424 (MIR424), microRNA;  
gi|262205349|ref|NR\_030202.1| Homo sapiens microRNA 519d (MIR519D), microRNA;  
gi|262205351|ref|NR\_029691.1| Homo sapiens microRNA 9-1 (MIR9-1), microRNA;  
gi|262205353|ref|NR\_030203.1| Homo sapiens microRNA 521-2 (MIR521-2), microRNA;  
gi|262205356|ref|NR\_029692.1| Homo sapiens microRNA 9-3 (MIR9-3), microRNA;  
gi|262205357|ref|NR\_029948.1| Homo sapiens microRNA 425 (MIR425), microRNA;  
gi|262205358|ref|NR\_030204.1| Homo sapiens microRNA 520d (MIR520D), microRNA;  
gi|262205360|ref|NR\_029693.1| Homo sapiens microRNA 125a (MIR125A), microRNA;

gi|262205361|ref|NR\_029949.1| Homo sapiens microRNA 18b (MIR18B), microRNA;  
gi|262205362|ref|NR\_030205.1| Homo sapiens microRNA 517b (MIR517B), microRNA;  
gi|262205364|ref|NR\_029694.1| Homo sapiens microRNA 125b-2 (MIR125B2), microRNA;  
gi|262205365|ref|NR\_029950.1| Homo sapiens microRNA 20b (MIR20B), microRNA;  
gi|262205366|ref|NR\_030206.1| Homo sapiens microRNA 520g (MIR520G), microRNA;  
gi|262205369|ref|NR\_029695.1| Homo sapiens microRNA 126 (MIR126), microRNA;  
gi|262205371|ref|NR\_030207.1| Homo sapiens microRNA 516b-2 (MIR516B2), microRNA;  
gi|262205375|ref|NR\_029696.1| Homo sapiens microRNA 127 (MIR127), microRNA;  
gi|262205377|ref|NR\_030208.1| Homo sapiens microRNA 526a-2 (MIR526A2), microRNA;  
gi|262205381|ref|NR\_029697.1| Homo sapiens microRNA 129-2 (MIR129-2), microRNA;  
gi|262205383|ref|NR\_030209.1| Homo sapiens microRNA 518e (MIR518E), microRNA;  
gi|262205386|ref|NR\_029698.1| Homo sapiens microRNA 134 (MIR134), microRNA;  
gi|262205387|ref|NR\_030210.1| Homo sapiens microRNA 518a-1 (MIR518A1), microRNA;  
gi|262205390|ref|NR\_029699.1| Homo sapiens microRNA 136 (MIR136), microRNA;  
gi|262205391|ref|NR\_029955.1| Homo sapiens microRNA 448 (MIR448), microRNA;  
gi|262205392|ref|NR\_030211.1| Homo sapiens microRNA 518d (MIR518D), microRNA;  
gi|262205394|ref|NR\_029700.1| Homo sapiens microRNA 138-1 (MIR138-1), microRNA;  
gi|262205396|ref|NR\_030212.1| Homo sapiens microRNA 516b-1 (MIR516B1), microRNA;  
gi|262205399|ref|NR\_029701.1| Homo sapiens microRNA 146a (MIR146A), microRNA;  
gi|262205400|ref|NR\_029957.1| Homo sapiens microRNA 429 (MIR429), microRNA;  
gi|262205401|ref|NR\_030213.1| Homo sapiens microRNA 518a-2 (MIR518A2), microRNA;  
gi|262205405|ref|NR\_029702.1| Homo sapiens microRNA 149 (MIR149), microRNA;  
gi|262205407|ref|NR\_030214.1| Homo sapiens microRNA 517c (MIR517C), microRNA;  
gi|262205410|ref|NR\_029703.1| Homo sapiens microRNA 150 (MIR150), microRNA;  
gi|262205412|ref|NR\_030215.1| Homo sapiens microRNA 520h (MIR520H), microRNA;  
gi|262205415|ref|NR\_029704.1| Homo sapiens microRNA 154 (MIR154), microRNA;  
gi|262205416|ref|NR\_029960.1| Homo sapiens microRNA 449a (MIR449A), microRNA;  
gi|262205417|ref|NR\_030216.1| Homo sapiens microRNA 521-1 (MIR521-1), microRNA;  
gi|262205421|ref|NR\_029705.1| Homo sapiens microRNA 184 (MIR184), microRNA;  
gi|262205423|ref|NR\_030217.1| Homo sapiens microRNA 522 (MIR522), microRNA;  
gi|262205427|ref|NR\_029706.1| Homo sapiens microRNA 185 (MIR185), microRNA;  
gi|262205428|ref|NR\_029962.1| Homo sapiens microRNA 450a-1 (MIR450A1), microRNA;  
gi|262205429|ref|NR\_030218.1| Homo sapiens microRNA 519a-1 (MIR519A1), microRNA;  
gi|262205433|ref|NR\_029707.1| Homo sapiens microRNA 186 (MIR186), microRNA;  
gi|262205435|ref|NR\_030219.1| Homo sapiens microRNA 527 (MIR527), microRNA;  
gi|262205439|ref|NR\_029708.1| Homo sapiens microRNA 188 (MIR188), microRNA;  
gi|262205441|ref|NR\_030220.1| Homo sapiens microRNA 516a-1 (MIR516A1), microRNA;  
gi|262205443|ref|NR\_029709.1| Homo sapiens microRNA 190a (MIR190A), microRNA;  
gi|262205444|ref|NR\_029965.1| Homo sapiens microRNA 431 (MIR431), microRNA;  
gi|262205445|ref|NR\_030221.1| Homo sapiens microRNA 516a-2 (MIR516A2), microRNA;  
gi|262205449|ref|NR\_029710.1| Homo sapiens microRNA 193a (MIR193A), microRNA;  
gi|262205450|ref|NR\_029966.1| Homo sapiens microRNA 433 (MIR433), microRNA;  
gi|262205451|ref|NR\_030222.1| Homo sapiens microRNA 519a-2 (MIR519A2), microRNA;  
gi|262205455|ref|NR\_029711.1| Homo sapiens microRNA 194-1 (MIR194-1), microRNA;  
gi|262205456|ref|NR\_029967.1| Homo sapiens microRNA 329-1 (MIR329-1), microRNA;  
gi|262205457|ref|NR\_030223.1| Homo sapiens microRNA 499a (MIR499A), microRNA;  
gi|262205461|ref|NR\_029712.1| Homo sapiens microRNA 195 (MIR195), microRNA;

gi|262205462|ref|NR\_029968.1| Homo sapiens microRNA 329-2 (MIR329-2), microRNA;  
gi|262205463|ref|NR\_030224.1| Homo sapiens microRNA 500a (MIR500A), microRNA;  
gi|262205467|ref|NR\_029713.1| Homo sapiens microRNA 206 (MIR206), microRNA;  
gi|262205469|ref|NR\_030225.1| Homo sapiens microRNA 501 (MIR501), microRNA;  
gi|262205473|ref|NR\_029714.1| Homo sapiens microRNA 320a (MIR320A), microRNA;  
gi|262205474|ref|NR\_029970.1| Homo sapiens microRNA 451a (MIR451A), microRNA;  
gi|262205475|ref|NR\_030226.1| Homo sapiens microRNA 502 (MIR502), microRNA;  
gi|262205480|ref|NR\_030227.1| Homo sapiens microRNA 450a-2 (MIR450A2), microRNA;  
gi|262205486|ref|NR\_030228.1| Homo sapiens microRNA 503 (MIR503), microRNA;  
gi|262205491|ref|NR\_029973.1| Homo sapiens microRNA 452 (MIR452), microRNA;  
gi|262205492|ref|NR\_030229.1| Homo sapiens microRNA 504 (MIR504), microRNA;  
gi|262205498|ref|NR\_030230.1| Homo sapiens microRNA 505 (MIR505), microRNA;  
gi|262205505|ref|NR\_029975.1| Homo sapiens microRNA 409 (MIR409), microRNA;  
gi|262205506|ref|NR\_030231.1| Homo sapiens microRNA 513a-1 (MIR513A1), microRNA;  
gi|262205514|ref|NR\_030232.1| Homo sapiens microRNA 513a-2 (MIR513A2), microRNA;  
gi|262205522|ref|NR\_030233.1| Homo sapiens microRNA 506 (MIR506), microRNA;  
gi|262205528|ref|NR\_030234.1| Homo sapiens microRNA 507 (MIR507), microRNA;  
gi|262205536|ref|NR\_030235.1| Homo sapiens microRNA 508 (MIR508), microRNA;  
gi|262205543|ref|NR\_030236.1| Homo sapiens microRNA 509-1 (MIR509-1), microRNA;  
gi|262205549|ref|NR\_030237.1| Homo sapiens microRNA 510 (MIR510), microRNA;  
gi|262205555|ref|NR\_030238.1| Homo sapiens microRNA 514a-1 (MIR514A1), microRNA;  
gi|262205557|ref|NM\_001166395.1| Homo sapiens carbohydrate (N-acetylglucosamine 6-O) sulfotransfera  
gi|262205561|ref|NR\_030239.1| Homo sapiens microRNA 514a-2 (MIR514A2), microRNA;  
gi|262205565|ref|NR\_030240.1| Homo sapiens microRNA 514a-3 (MIR514A3), microRNA;  
gi|262205570|ref|NR\_030241.1| Homo sapiens microRNA 532 (MIR532), microRNA;  
gi|262205583|ref|NR\_029476.1| Homo sapiens microRNA let-7a-1 (MIRLET7A1), microRNA;  
gi|262205588|ref|NR\_029477.1| Homo sapiens microRNA let-7a-2 (MIRLET7A2), microRNA;  
gi|262205593|ref|NR\_029478.1| Homo sapiens microRNA let-7a-3 (MIRLET7A3), microRNA;  
gi|262205597|ref|NR\_029479.1| Homo sapiens microRNA let-7b (MIRLET7B), microRNA;  
gi|262205602|ref|NR\_029480.1| Homo sapiens microRNA let-7c (MIRLET7C), microRNA;  
gi|262205605|ref|NR\_029481.1| Homo sapiens microRNA let-7d (MIRLET7D), microRNA;  
gi|262205608|ref|NR\_029482.1| Homo sapiens microRNA let-7e (MIRLET7E), microRNA;  
gi|262205612|ref|NR\_029483.1| Homo sapiens microRNA let-7f-1 (MIRLET7F1), microRNA;  
gi|262205617|ref|NR\_029484.1| Homo sapiens microRNA let-7f-2 (MIRLET7F2), microRNA;  
gi|262205622|ref|NR\_029485.1| Homo sapiens microRNA 15a (MIR15A), microRNA;  
gi|262205626|ref|NR\_029486.1| Homo sapiens microRNA 16-1 (MIR16-1), microRNA;  
gi|262205631|ref|NR\_029487.1| Homo sapiens microRNA 17 (MIR17), microRNA;  
gi|262205633|ref|NR\_030255.1| Homo sapiens microRNA 455 (MIR455), microRNA;  
gi|262205635|ref|NR\_029488.1| Homo sapiens microRNA 18a (MIR18A), microRNA;  
gi|262205637|ref|NR\_030256.1| Homo sapiens microRNA 539 (MIR539), microRNA;  
gi|262205639|ref|NR\_029489.1| Homo sapiens microRNA 19a (MIR19A), microRNA;  
gi|262205642|ref|NR\_030257.1| Homo sapiens microRNA 544a (MIR544A), microRNA;  
gi|262205644|ref|NR\_029490.1| Homo sapiens microRNA 19b-1 (MIR19B1), microRNA;  
gi|262205647|ref|NR\_030258.1| Homo sapiens microRNA 545 (MIR545), microRNA;  
gi|262205649|ref|NR\_029491.1| Homo sapiens microRNA 19b-2 (MIR19B2), microRNA;  
gi|262205654|ref|NR\_029492.1| Homo sapiens microRNA 20a (MIR20A), microRNA;  
gi|262205658|ref|NM\_006670.4| Homo sapiens trophoblast glycoprotein (TPBG), transcript variant 1, mRN

gi|262205659|ref|NR\_029493.1| Homo sapiens microRNA 21 (MIR21), microRNA;  
gi|262205666|ref|NR\_029494.1| Homo sapiens microRNA 22 (MIR22), microRNA;  
gi|262205671|ref|NR\_029495.1| Homo sapiens microRNA 23a (MIR23A), microRNA;  
gi|262205676|ref|NR\_029496.1| Homo sapiens microRNA 24-1 (MIR24-1), microRNA;  
gi|262205681|ref|NR\_029497.1| Homo sapiens microRNA 24-2 (MIR24-2), microRNA;  
gi|262205684|ref|NR\_029498.1| Homo sapiens microRNA 25 (MIR25), microRNA;  
gi|262205686|ref|NR\_030266.1| Homo sapiens microRNA 376a-2 (MIR376A2), microRNA;  
gi|262205688|ref|NR\_029499.1| Homo sapiens microRNA 26a-1 (MIR26A1), microRNA;  
gi|262205691|ref|NR\_030267.1| Homo sapiens microRNA 487b (MIR487B), microRNA;  
gi|262205693|ref|NR\_029500.1| Homo sapiens microRNA 26b (MIR26B), microRNA;  
gi|262205697|ref|NR\_029501.1| Homo sapiens microRNA 27a (MIR27A), microRNA;  
gi|262205701|ref|NR\_029502.1| Homo sapiens microRNA 28 (MIR28), microRNA;  
gi|262205706|ref|NR\_029503.1| Homo sapiens microRNA 29a (MIR29A), microRNA;  
gi|262205710|ref|NR\_029504.1| Homo sapiens microRNA 30a (MIR30A), microRNA;  
gi|262205713|ref|NR\_030527.1| Homo sapiens microRNA 765 (MIR765), microRNA;  
gi|262205714|ref|NR\_029505.1| Homo sapiens microRNA 31 (MIR31), microRNA;  
gi|262205718|ref|NR\_030528.1| Homo sapiens microRNA 770 (MIR770), microRNA;  
gi|262205719|ref|NR\_029506.1| Homo sapiens microRNA 32 (MIR32), microRNA;  
gi|262205723|ref|NR\_029507.1| Homo sapiens microRNA 33a (MIR33A), microRNA;  
gi|262205727|ref|NR\_029508.1| Homo sapiens microRNA 92a-1 (MIR92A1), microRNA;  
gi|262205732|ref|NR\_029509.1| Homo sapiens microRNA 92a-2 (MIR92A2), microRNA;  
gi|262205735|ref|NR\_030277.1| Homo sapiens microRNA 551a (MIR551A), microRNA;  
gi|262205737|ref|NR\_029510.1| Homo sapiens microRNA 93 (MIR93), microRNA;  
gi|262205740|ref|NR\_030278.1| Homo sapiens microRNA 552 (MIR552), microRNA;  
gi|262205741|ref|NR\_030533.1| Homo sapiens microRNA 675 (MIR675), microRNA;  
gi|262205742|ref|NR\_029511.1| Homo sapiens microRNA 95 (MIR95), microRNA;  
gi|262205745|ref|NR\_030279.1| Homo sapiens microRNA 553 (MIR553), microRNA;  
gi|262205747|ref|NR\_029512.1| Homo sapiens microRNA 96 (MIR96), microRNA;  
gi|262205750|ref|NR\_030280.1| Homo sapiens microRNA 554 (MIR554), microRNA;  
gi|262205752|ref|NR\_029513.1| Homo sapiens microRNA 98 (MIR98), microRNA;  
gi|262205754|ref|NR\_030281.1| Homo sapiens microRNA 92b (MIR92B), microRNA;  
gi|262205756|ref|NR\_029514.1| Homo sapiens microRNA 99a (MIR99A), microRNA;  
gi|262205759|ref|NR\_030282.1| Homo sapiens microRNA 555 (MIR555), microRNA;  
gi|262205761|ref|NR\_029515.1| Homo sapiens microRNA 100 (MIR100), microRNA;  
gi|262205764|ref|NR\_030283.1| Homo sapiens microRNA 556 (MIR556), microRNA;  
gi|262205766|ref|NR\_029516.1| Homo sapiens microRNA 101-1 (MIR101-1), microRNA;  
gi|262205768|ref|NR\_030284.1| Homo sapiens microRNA 557 (MIR557), microRNA;  
gi|262205770|ref|NR\_029517.1| Homo sapiens microRNA 29b-1 (MIR29B1), microRNA;  
gi|262205772|ref|NR\_030285.1| Homo sapiens microRNA 558 (MIR558), microRNA;  
gi|262205774|ref|NR\_029518.1| Homo sapiens microRNA 29b-2 (MIR29B2), microRNA;  
gi|262205777|ref|NR\_030286.1| Homo sapiens microRNA 559 (MIR559), microRNA;  
gi|262205779|ref|NR\_029519.1| Homo sapiens microRNA 103a-2 (MIR103A2), microRNA;  
gi|262205782|ref|NR\_030287.1| Homo sapiens microRNA 561 (MIR561), microRNA;  
gi|262205784|ref|NR\_029520.1| Homo sapiens microRNA 103a-1 (MIR103A1), microRNA;  
gi|262205787|ref|NR\_030288.1| Homo sapiens microRNA 562 (MIR562), microRNA;  
gi|262205789|ref|NR\_029521.1| Homo sapiens microRNA 105-1 (MIR105-1), microRNA;  
gi|262205792|ref|NR\_030289.1| Homo sapiens microRNA 563 (MIR563), microRNA;

gi|262205794|ref|NR\_029522.1| Homo sapiens microRNA 105-2 (MIR105-2), microRNA;  
gi|262205797|ref|NR\_030290.1| Homo sapiens microRNA 564 (MIR564), microRNA;  
gi|262205799|ref|NR\_029523.1| Homo sapiens microRNA 106a (MIR106A), microRNA;  
gi|262205800|ref|NR\_029779.1| Homo sapiens microRNA 200c (MIR200C), microRNA;  
gi|262205801|ref|NR\_030291.1| Homo sapiens microRNA 566 (MIR566), microRNA;  
gi|262205803|ref|NR\_029524.1| Homo sapiens microRNA 107 (MIR107), microRNA;  
gi|262205804|ref|NR\_029780.1| Homo sapiens microRNA 1-1 (MIR1-1), microRNA;  
gi|262205805|ref|NR\_030292.1| Homo sapiens microRNA 567 (MIR567), microRNA;  
gi|262205807|ref|NR\_029525.1| Homo sapiens microRNA 16-2 (MIR16-2), microRNA;  
gi|262205809|ref|NR\_030293.1| Homo sapiens microRNA 568 (MIR568), microRNA;  
gi|262205812|ref|NR\_029782.1| Homo sapiens microRNA 181b-2 (MIR181B2), microRNA;  
gi|262205814|ref|NR\_030294.1| Homo sapiens microRNA 551b (MIR551B), microRNA;  
gi|262205819|ref|NR\_030295.1| Homo sapiens microRNA 569 (MIR569), microRNA;  
gi|262205823|ref|NR\_030296.1| Homo sapiens microRNA 570 (MIR570), microRNA;  
gi|262205828|ref|NR\_030297.1| Homo sapiens microRNA 571 (MIR571), microRNA;  
gi|262205833|ref|NR\_030298.1| Homo sapiens microRNA 572 (MIR572), microRNA;  
gi|262205838|ref|NR\_030299.1| Homo sapiens microRNA 573 (MIR573), microRNA;  
gi|262205843|ref|NR\_030300.1| Homo sapiens microRNA 574 (MIR574), microRNA;  
gi|262205847|ref|NR\_030301.1| Homo sapiens microRNA 575 (MIR575), microRNA;  
gi|262205852|ref|NR\_030302.1| Homo sapiens microRNA 576 (MIR576), microRNA;  
gi|262205857|ref|NR\_030303.1| Homo sapiens microRNA 577 (MIR577), microRNA;  
gi|262205861|ref|NR\_030304.1| Homo sapiens microRNA 578 (MIR578), microRNA;  
gi|262205866|ref|NR\_030305.1| Homo sapiens microRNA 579 (MIR579), microRNA;  
gi|262205872|ref|NR\_030306.1| Homo sapiens microRNA 580 (MIR580), microRNA;  
gi|262205876|ref|NR\_030307.1| Homo sapiens microRNA 581 (MIR581), microRNA;  
gi|262205881|ref|NR\_030308.1| Homo sapiens microRNA 582 (MIR582), microRNA;  
gi|262205886|ref|NR\_030309.1| Homo sapiens microRNA 583 (MIR583), microRNA;  
gi|262205891|ref|NR\_030310.1| Homo sapiens microRNA 584 (MIR584), microRNA;  
gi|262205895|ref|NR\_030311.1| Homo sapiens microRNA 585 (MIR585), microRNA;  
gi|262205900|ref|NR\_030312.1| Homo sapiens microRNA 548a-1 (MIR548A1), microRNA;  
gi|262205906|ref|NR\_030313.1| Homo sapiens microRNA 586 (MIR586), microRNA;  
gi|262205911|ref|NR\_030314.1| Homo sapiens microRNA 587 (MIR587), microRNA;  
gi|262205916|ref|NR\_030315.1| Homo sapiens microRNA 548b (MIR548B), microRNA;  
gi|262205921|ref|NR\_030316.1| Homo sapiens microRNA 588 (MIR588), microRNA;  
gi|262205923|ref|NM\_013444.3| Homo sapiens ubiquilin 2 (UBQLN2), mRNA;  
gi|262205927|ref|NR\_030317.1| Homo sapiens microRNA 548a-2 (MIR548A2), microRNA;  
gi|262205932|ref|NR\_030318.1| Homo sapiens microRNA 589 (MIR589), microRNA;  
gi|262205937|ref|NR\_030319.1| Homo sapiens microRNA 550a-1 (MIR550A1), microRNA;  
gi|262205942|ref|NR\_030320.1| Homo sapiens microRNA 550a-2 (MIR550A2), microRNA;  
gi|262205947|ref|NR\_030321.1| Homo sapiens microRNA 590 (MIR590), microRNA;  
gi|262205952|ref|NR\_030322.1| Homo sapiens microRNA 591 (MIR591), microRNA;  
gi|262205957|ref|NR\_030323.1| Homo sapiens microRNA 592 (MIR592), microRNA;  
gi|262205962|ref|NR\_030324.1| Homo sapiens microRNA 593 (MIR593), microRNA;  
gi|262205966|ref|NR\_030325.1| Homo sapiens microRNA 595 (MIR595), microRNA;  
gi|262205967|ref|NR\_030580.1| Homo sapiens microRNA 298 (MIR298), microRNA;  
gi|262205972|ref|NR\_030326.1| Homo sapiens microRNA 596 (MIR596), microRNA;  
gi|262205973|ref|NR\_030581.1| Homo sapiens microRNA 891a (MIR891A), microRNA;

gi|262205977|ref|NR\_030327.1| Homo sapiens microRNA 597 (MIR597), microRNA;  
gi|262205978|ref|NR\_030582.1| Homo sapiens microRNA 300 (MIR300), microRNA;  
gi|262205981|ref|NR\_030328.1| Homo sapiens microRNA 598 (MIR598), microRNA;  
gi|262205985|ref|NR\_030329.1| Homo sapiens microRNA 599 (MIR599), microRNA;  
gi|262205986|ref|NR\_030584.1| Homo sapiens microRNA 892a (MIR892A), microRNA;  
gi|262205991|ref|NR\_030330.1| Homo sapiens microRNA 548a-3 (MIR548A3), microRNA;  
gi|262205997|ref|NR\_030331.1| Homo sapiens microRNA 600 (MIR600), microRNA;  
gi|262205998|ref|NR\_030586.1| Homo sapiens microRNA 509-2 (MIR509-2), microRNA;  
gi|262206001|ref|NR\_030332.1| Homo sapiens microRNA 601 (MIR601), microRNA;  
gi|262206002|ref|NR\_030587.1| Homo sapiens microRNA 450b (MIR450B), microRNA;  
gi|262206006|ref|NR\_030333.1| Homo sapiens microRNA 602 (MIR602), microRNA;  
gi|262206007|ref|NR\_030588.1| Homo sapiens microRNA 874 (MIR874), microRNA;  
gi|262206011|ref|NR\_030334.1| Homo sapiens microRNA 603 (MIR603), microRNA;  
gi|262206012|ref|NR\_030589.1| Homo sapiens microRNA 890 (MIR890), microRNA;  
gi|262206017|ref|NR\_030335.1| Homo sapiens microRNA 604 (MIR604), microRNA;  
gi|262206018|ref|NR\_030590.1| Homo sapiens microRNA 891b (MIR891B), microRNA;  
gi|262206021|ref|NR\_029824.1| Homo sapiens microRNA 128-2 (MIR128-2), microRNA;  
gi|262206023|ref|NR\_030336.1| Homo sapiens microRNA 605 (MIR605), microRNA;  
gi|262206028|ref|NR\_030337.1| Homo sapiens microRNA 606 (MIR606), microRNA;  
gi|262206029|ref|NR\_030592.1| Homo sapiens microRNA 888 (MIR888), microRNA;  
gi|262206033|ref|NR\_030338.1| Homo sapiens microRNA 607 (MIR607), microRNA;  
gi|262206034|ref|NR\_030593.1| Homo sapiens microRNA 892b (MIR892B), microRNA;  
gi|262206037|ref|NR\_030339.1| Homo sapiens microRNA 608 (MIR608), microRNA;  
gi|262206038|ref|NR\_030594.1| Homo sapiens microRNA 541 (MIR541), microRNA;  
gi|262206042|ref|NR\_030340.1| Homo sapiens microRNA 609 (MIR609), microRNA;  
gi|262206043|ref|NR\_030595.1| Homo sapiens microRNA 889 (MIR889), microRNA;  
gi|262206045|ref|NR\_029829.1| Homo sapiens microRNA 194-2 (MIR194-2), microRNA;  
gi|262206046|ref|NR\_030341.1| Homo sapiens microRNA 610 (MIR610), microRNA;  
gi|262206047|ref|NR\_030596.1| Homo sapiens microRNA 875 (MIR875), microRNA;  
gi|262206050|ref|NR\_030342.1| Homo sapiens microRNA 611 (MIR611), microRNA;  
gi|262206051|ref|NR\_030597.1| Homo sapiens microRNA 876 (MIR876), microRNA;  
gi|262206053|ref|NR\_029831.1| Homo sapiens microRNA 106b (MIR106B), microRNA;  
gi|262206055|ref|NR\_030343.1| Homo sapiens microRNA 612 (MIR612), microRNA;  
gi|262206056|ref|NR\_030598.1| Homo sapiens microRNA 708 (MIR708), microRNA;  
gi|262206058|ref|NR\_029832.1| Homo sapiens microRNA 29c (MIR29C), microRNA;  
gi|262206060|ref|NR\_030344.1| Homo sapiens microRNA 613 (MIR613), microRNA;  
gi|262206061|ref|NR\_030599.1| Homo sapiens microRNA 147b (MIR147B), microRNA;  
gi|262206062|ref|NM\_001166347.1| Homo sapiens solute carrier family 26, member 11 (SLC26A11), transc  
gi|262206065|ref|NR\_029833.1| Homo sapiens microRNA 30c-1 (MIR30C1), microRNA;  
gi|262206066|ref|NR\_030345.1| Homo sapiens microRNA 614 (MIR614), microRNA;  
gi|262206067|ref|NR\_030600.1| Homo sapiens microRNA 190b (MIR190B), microRNA;  
gi|262206070|ref|NR\_029578.1| Homo sapiens microRNA 192 (MIR192), microRNA;  
gi|262206071|ref|NR\_029834.1| Homo sapiens microRNA 200a (MIR200A), microRNA;  
gi|262206072|ref|NR\_030346.1| Homo sapiens microRNA 616 (MIR616), microRNA;  
gi|262206077|ref|NR\_029835.1| Homo sapiens microRNA 302a (MIR302A), microRNA;  
gi|262206078|ref|NR\_030347.1| Homo sapiens microRNA 548c (MIR548C), microRNA;  
gi|262206081|ref|NR\_029836.1| Homo sapiens microRNA 101-2 (MIR101-2), microRNA;

gi|262206083|ref|NR\_030348.1| Homo sapiens microRNA 617 (MIR617), microRNA;  
gi|262206086|ref|NR\_029837.1| Homo sapiens microRNA 219-2 (MIR219-2), microRNA;  
gi|262206088|ref|NR\_030349.1| Homo sapiens microRNA 618 (MIR618), microRNA;  
gi|262206090|ref|NR\_029582.1| Homo sapiens microRNA 196a-1 (MIR196A1), microRNA;  
gi|262206092|ref|NR\_030350.1| Homo sapiens microRNA 619 (MIR619), microRNA;  
gi|262206094|ref|NR\_029583.1| Homo sapiens microRNA 197 (MIR197), microRNA;  
gi|262206095|ref|NR\_029839.1| Homo sapiens microRNA 34b (MIR34B), microRNA;  
gi|262206097|ref|NR\_030351.1| Homo sapiens microRNA 620 (MIR620), microRNA;  
gi|262206099|ref|NR\_029584.1| Homo sapiens microRNA 198 (MIR198), microRNA;  
gi|262206100|ref|NR\_029840.1| Homo sapiens microRNA 34c (MIR34C), microRNA;  
gi|262206102|ref|NR\_030352.1| Homo sapiens microRNA 621 (MIR621), microRNA;  
gi|262206107|ref|NR\_029841.1| Homo sapiens microRNA 299 (MIR299), microRNA;  
gi|262206109|ref|NR\_030353.1| Homo sapiens microRNA 623 (MIR623), microRNA;  
gi|262206111|ref|NR\_029586.1| Homo sapiens microRNA 199a-1 (MIR199A1), microRNA;  
gi|262206112|ref|NR\_029842.1| Homo sapiens microRNA 301a (MIR301A), microRNA;  
gi|262206113|ref|NR\_030354.1| Homo sapiens microRNA 624 (MIR624), microRNA;  
gi|262206116|ref|NR\_029843.1| Homo sapiens microRNA 99b (MIR99B), microRNA;  
gi|262206117|ref|NR\_030355.1| Homo sapiens microRNA 625 (MIR625), microRNA;  
gi|262206120|ref|NR\_029844.1| Homo sapiens microRNA 296 (MIR296), microRNA;  
gi|262206122|ref|NR\_030356.1| Homo sapiens microRNA 626 (MIR626), microRNA;  
gi|262206125|ref|NR\_029845.1| Homo sapiens microRNA 130b (MIR130B), microRNA;  
gi|262206127|ref|NR\_030357.1| Homo sapiens microRNA 627 (MIR627), microRNA;  
gi|262206130|ref|NR\_029846.1| Homo sapiens microRNA 30e (MIR30E), microRNA;  
gi|262206131|ref|NR\_030358.1| Homo sapiens microRNA 628 (MIR628), microRNA;  
gi|262206132|ref|NR\_030613.1| Homo sapiens microRNA 744 (MIR744), microRNA;  
gi|262206134|ref|NR\_029847.1| Homo sapiens microRNA 26a-2 (MIR26A2), microRNA;  
gi|262206136|ref|NR\_030359.1| Homo sapiens microRNA 630 (MIR630), microRNA;  
gi|262206137|ref|NR\_030614.1| Homo sapiens microRNA 885 (MIR885), microRNA;  
gi|262206139|ref|NR\_029848.1| Homo sapiens microRNA 361 (MIR361), microRNA;  
gi|262206140|ref|NR\_030360.1| Homo sapiens microRNA 631 (MIR631), microRNA;  
gi|262206141|ref|NR\_030615.1| Homo sapiens microRNA 877 (MIR877), microRNA;  
gi|262206145|ref|NR\_030361.1| Homo sapiens microRNA 33b (MIR33B), microRNA;  
gi|262206146|ref|NR\_030616.1| Homo sapiens microRNA 887 (MIR887), microRNA;  
gi|262206148|ref|NR\_029850.1| Homo sapiens microRNA 362 (MIR362), microRNA;  
gi|262206149|ref|NR\_030362.1| Homo sapiens microRNA 632 (MIR632), microRNA;  
gi|262206150|ref|NR\_030617.1| Homo sapiens microRNA 665 (MIR665), microRNA;  
gi|262206151|ref|NR\_029595.1| Homo sapiens microRNA 208a (MIR208A), microRNA;  
gi|262206154|ref|NR\_030363.1| Homo sapiens microRNA 633 (MIR633), microRNA;  
gi|262206155|ref|NR\_030618.1| Homo sapiens microRNA 873 (MIR873), microRNA;  
gi|262206156|ref|NR\_029596.1| Homo sapiens microRNA 129-1 (MIR129-1), microRNA;  
gi|262206157|ref|NR\_029852.1| Homo sapiens microRNA 363 (MIR363), microRNA;  
gi|262206158|ref|NR\_030364.1| Homo sapiens microRNA 634 (MIR634), microRNA;  
gi|262206159|ref|NR\_030619.1| Homo sapiens microRNA 543 (MIR543), microRNA;  
gi|262206160|ref|NR\_029597.1| Homo sapiens microRNA 148a (MIR148A), microRNA;  
gi|262206163|ref|NR\_030365.1| Homo sapiens microRNA 635 (MIR635), microRNA;  
gi|262206164|ref|NR\_030620.1| Homo sapiens microRNA 374b (MIR374B), microRNA;  
gi|262206165|ref|NR\_029598.1| Homo sapiens microRNA 30c-2 (MIR30C2), microRNA;

gi|262206166|ref|NR\_029854.1| Homo sapiens microRNA 365a (MIR365A), microRNA;  
 gi|262206168|ref|NR\_030366.1| Homo sapiens microRNA 636 (MIR636), microRNA;  
 gi|262206169|ref|NR\_030621.1| Homo sapiens microRNA 760 (MIR760), microRNA;  
 gi|262206170|ref|NR\_029599.1| Homo sapiens microRNA 30d (MIR30D), microRNA;  
 gi|262206173|ref|NR\_030367.1| Homo sapiens microRNA 637 (MIR637), microRNA;  
 gi|262206174|ref|NR\_030622.1| Homo sapiens microRNA 301b (MIR301B), microRNA;  
 gi|262206176|ref|NR\_029856.1| Homo sapiens microRNA 365b (MIR365B), microRNA;  
 gi|262206178|ref|NR\_030368.1| Homo sapiens microRNA 638 (MIR638), microRNA;  
 gi|262206179|ref|NR\_030623.1| Homo sapiens microRNA 216b (MIR216B), microRNA;  
 gi|262206181|ref|NR\_029857.1| Homo sapiens microRNA 302b (MIR302B), microRNA;  
 gi|262206182|ref|NR\_030369.1| Homo sapiens microRNA 639 (MIR639), microRNA;  
 gi|262206183|ref|NR\_030624.1| Homo sapiens microRNA 208b (MIR208B), microRNA;  
 gi|262206185|ref|NR\_029858.1| Homo sapiens microRNA 302c (MIR302C), microRNA;  
 gi|262206186|ref|NR\_030625.1| Homo sapiens microRNA 920 (MIR920), microRNA;  
 gi|262206187|ref|NR\_029603.1| Homo sapiens microRNA 139 (MIR139), microRNA;  
 gi|262206188|ref|NR\_029859.1| Homo sapiens microRNA 302d (MIR302D), microRNA;  
 gi|262206190|ref|NR\_030370.1| Homo sapiens microRNA 640 (MIR640), microRNA;  
 gi|262206191|ref|NR\_030626.1| Homo sapiens microRNA 921 (MIR921), microRNA;  
 gi|262206192|ref|NR\_029604.1| Homo sapiens microRNA 147a (MIR147A), microRNA;  
 gi|262206193|ref|NR\_029860.1| Homo sapiens microRNA 367 (MIR367), microRNA;  
 gi|262206195|ref|NR\_030371.1| Homo sapiens microRNA 641 (MIR641), microRNA;  
 gi|262206196|ref|NR\_030627.1| Homo sapiens microRNA 922 (MIR922), microRNA;  
 gi|262206197|ref|NR\_029605.1| Homo sapiens microRNA 7-1 (MIR7-1), microRNA;  
 gi|262206198|ref|NR\_029861.1| Homo sapiens microRNA 376c (MIR376C), microRNA;  
 gi|262206200|ref|NR\_030372.1| Homo sapiens microRNA 642a (MIR642A), microRNA;  
 gi|262206201|ref|NR\_030628.1| Homo sapiens microRNA 924 (MIR924), microRNA;  
 gi|262206202|ref|NR\_029606.1| Homo sapiens microRNA 7-2 (MIR7-2), microRNA;  
 gi|262206203|ref|NR\_029862.1| Homo sapiens microRNA 369 (MIR369), microRNA;  
 gi|262206204|ref|NR\_030373.1| Homo sapiens microRNA 643 (MIR643), microRNA;  
 gi|262206205|ref|NR\_030629.1| Homo sapiens microRNA 509-3 (MIR509-3), microRNA;  
 gi|262206206|ref|NR\_029607.1| Homo sapiens microRNA 7-3 (MIR7-3), microRNA;  
 gi|262206207|ref|NR\_029863.1| Homo sapiens microRNA 370 (MIR370), microRNA;  
 gi|262206209|ref|NR\_030374.1| Homo sapiens microRNA 644a (MIR644A), microRNA;  
 gi|262206210|ref|NR\_030630.1| Homo sapiens microRNA 933 (MIR933), microRNA;  
 gi|262206211|ref|NR\_029608.1| Homo sapiens microRNA 10a (MIR10A), microRNA;  
 gi|262206212|ref|NR\_029864.1| Homo sapiens microRNA 371a (MIR371A), microRNA;  
 gi|262206214|ref|NR\_030375.1| Homo sapiens microRNA 645 (MIR645), microRNA;  
 gi|262206215|ref|NR\_030631.1| Homo sapiens microRNA 934 (MIR934), microRNA;  
 gi|262206216|ref|NR\_029609.1| Homo sapiens microRNA 10b (MIR10B), microRNA;  
 gi|262206217|ref|NR\_029865.1| Homo sapiens microRNA 372 (MIR372), microRNA;  
 gi|262206219|ref|NR\_030376.1| Homo sapiens microRNA 646 (MIR646), microRNA;  
 gi|262206220|ref|NR\_030632.1| Homo sapiens microRNA 935 (MIR935), microRNA;  
 gi|262206221|ref|NR\_029610.1| Homo sapiens microRNA 34a (MIR34A), microRNA;  
 gi|262206222|ref|NR\_029866.1| Homo sapiens microRNA 373 (MIR373), microRNA;  
 gi|262206223|ref|NR\_030377.1| Homo sapiens microRNA 647 (MIR647), microRNA;  
 gi|262206224|ref|NR\_030633.1| Homo sapiens microRNA 937 (MIR937), microRNA;  
 gi|262206225|ref|NM\_002630.3| Homo sapiens progastricsin (pepsinogen C) (PGC), transcript variant 1, mR



gi|262206226|ref|NR\_029611.1| Homo sapiens microRNA 181a-2 (MIR181A2), microRNA;  
gi|262206227|ref|NR\_029867.1| Homo sapiens microRNA 375 (MIR375), microRNA;  
gi|262206229|ref|NR\_030378.1| Homo sapiens microRNA 648 (MIR648), microRNA;  
gi|262206230|ref|NR\_030634.1| Homo sapiens microRNA 938 (MIR938), microRNA;  
gi|262206233|ref|NR\_029612.1| Homo sapiens microRNA 181b-1 (MIR181B1), microRNA;  
gi|262206234|ref|NR\_029868.1| Homo sapiens microRNA 376a-1 (MIR376A1), microRNA;  
gi|262206236|ref|NR\_030379.1| Homo sapiens microRNA 649 (MIR649), microRNA;  
gi|262206237|ref|NR\_030635.1| Homo sapiens microRNA 939 (MIR939), microRNA;  
gi|262206238|ref|NR\_029613.1| Homo sapiens microRNA 181c (MIR181C), microRNA;  
gi|262206239|ref|NR\_029869.1| Homo sapiens microRNA 377 (MIR377), microRNA;  
gi|262206240|ref|NR\_030380.1| Homo sapiens microRNA 651 (MIR651), microRNA;  
gi|262206241|ref|NR\_030636.1| Homo sapiens microRNA 940 (MIR940), microRNA;  
gi|262206242|ref|NR\_029614.1| Homo sapiens microRNA 182 (MIR182), microRNA;  
gi|262206243|ref|NR\_029870.1| Homo sapiens microRNA 378a (MIR378A), microRNA;  
gi|262206245|ref|NR\_030381.1| Homo sapiens microRNA 652 (MIR652), microRNA;  
gi|262206247|ref|NR\_029615.1| Homo sapiens microRNA 183 (MIR183), microRNA;  
gi|262206248|ref|NR\_029871.1| Homo sapiens microRNA 379 (MIR379), microRNA;  
gi|262206250|ref|NR\_030382.1| Homo sapiens microRNA 548d-1 (MIR548D1), microRNA;  
gi|262206252|ref|NR\_029616.1| Homo sapiens microRNA 187 (MIR187), microRNA;  
gi|262206253|ref|NR\_029872.1| Homo sapiens microRNA 380 (MIR380), microRNA;  
gi|262206255|ref|NR\_030383.1| Homo sapiens microRNA 661 (MIR661), microRNA;  
gi|262206257|ref|NR\_029617.1| Homo sapiens microRNA 196a-2 (MIR196A2), microRNA;  
gi|262206258|ref|NR\_029873.1| Homo sapiens microRNA 381 (MIR381), microRNA;  
gi|262206260|ref|NR\_030384.1| Homo sapiens microRNA 662 (MIR662), microRNA;  
gi|262206261|ref|NR\_030640.1| Homo sapiens microRNA 942 (MIR942), microRNA;  
gi|262206263|ref|NR\_029618.1| Homo sapiens microRNA 199a-2 (MIR199A2), microRNA;  
gi|262206264|ref|NR\_029874.1| Homo sapiens microRNA 382 (MIR382), microRNA;  
gi|262206265|ref|NR\_030385.1| Homo sapiens microRNA 548d-2 (MIR548D2), microRNA;  
gi|262206266|ref|NR\_030641.1| Homo sapiens microRNA 943 (MIR943), microRNA;  
gi|262206268|ref|NR\_029619.1| Homo sapiens microRNA 199b (MIR199B), microRNA;  
gi|262206269|ref|NR\_029875.1| Homo sapiens microRNA 383 (MIR383), microRNA;  
gi|262206270|ref|NR\_030386.1| Homo sapiens microRNA 663a (MIR663A), microRNA;  
gi|262206271|ref|NR\_030642.1| Homo sapiens microRNA 944 (MIR944), microRNA;  
gi|262206272|ref|NR\_029620.1| Homo sapiens microRNA 203 (MIR203), microRNA;  
gi|262206273|ref|NR\_030387.1| Homo sapiens microRNA 449b (MIR449B), microRNA;  
gi|262206274|ref|NR\_030643.1| Homo sapiens microRNA 297 (MIR297), microRNA;  
gi|262206275|ref|NR\_029621.1| Homo sapiens microRNA 204 (MIR204), microRNA;  
gi|262206277|ref|NR\_030388.1| Homo sapiens microRNA 653 (MIR653), microRNA;  
gi|262206279|ref|NM\_003315.3| Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 7 (DNAJC7), t  
gi|262206281|ref|NR\_029622.1| Homo sapiens microRNA 205 (MIR205), microRNA;  
gi|262206283|ref|NR\_030389.1| Homo sapiens microRNA 411 (MIR411), microRNA;  
gi|262206286|ref|NR\_029623.1| Homo sapiens microRNA 210 (MIR210), microRNA;  
gi|262206289|ref|NR\_030390.1| Homo sapiens microRNA 654 (MIR654), microRNA;  
gi|262206290|ref|NR\_030646.1| Homo sapiens microRNA 1225 (MIR1225), microRNA;  
gi|262206291|ref|NR\_029624.1| Homo sapiens microRNA 211 (MIR211), microRNA;  
gi|262206294|ref|NR\_030391.1| Homo sapiens microRNA 655 (MIR655), microRNA;  
gi|262206296|ref|NR\_029625.1| Homo sapiens microRNA 212 (MIR212), microRNA;

gi|262206299|ref|NR\_030392.1| Homo sapiens microRNA 656 (MIR656), microRNA;  
 gi|262206301|ref|NR\_029626.1| Homo sapiens microRNA 181a-1 (MIR181A1), microRNA;  
 gi|262206304|ref|NR\_030393.1| Homo sapiens microRNA 549 (MIR549), microRNA;  
 gi|262206305|ref|NR\_029627.1| Homo sapiens microRNA 214 (MIR214), microRNA;  
 gi|262206308|ref|NR\_030394.1| Homo sapiens microRNA 657 (MIR657), microRNA;  
 gi|262206310|ref|NR\_029628.1| Homo sapiens microRNA 215 (MIR215), microRNA;  
 gi|262206313|ref|NR\_030395.1| Homo sapiens microRNA 658 (MIR658), microRNA;  
 gi|262206314|ref|NM\_000655.4| Homo sapiens selectin L (SELL), transcript variant 1, mRNA; gi|262205323  
 gi|262206316|ref|NR\_029629.1| Homo sapiens microRNA 216a (MIR216A), microRNA;  
 gi|262206317|ref|NR\_029885.1| Homo sapiens microRNA 340 (MIR340), microRNA;  
 gi|262206319|ref|NR\_030396.1| Homo sapiens microRNA 659 (MIR659), microRNA;  
 gi|262206321|ref|NR\_029630.1| Homo sapiens microRNA 217 (MIR217), microRNA;  
 gi|262206322|ref|NR\_029886.1| Homo sapiens microRNA 330 (MIR330), microRNA;  
 gi|262206324|ref|NR\_030397.1| Homo sapiens microRNA 660 (MIR660), microRNA;  
 gi|262206325|ref|NR\_029631.1| Homo sapiens microRNA 218-1 (MIR218-1), microRNA;  
 gi|262206326|ref|NR\_029887.1| Homo sapiens microRNA 328 (MIR328), microRNA;  
 gi|262206328|ref|NR\_030398.1| Homo sapiens microRNA 421 (MIR421), microRNA;  
 gi|262206330|ref|NR\_029632.1| Homo sapiens microRNA 218-2 (MIR218-2), microRNA;  
 gi|262206331|ref|NR\_029888.1| Homo sapiens microRNA 342 (MIR342), microRNA;  
 gi|262206332|ref|NR\_030399.1| Homo sapiens microRNA 542 (MIR542), microRNA;  
 gi|262206334|ref|NR\_029633.1| Homo sapiens microRNA 219-1 (MIR219-1), microRNA;  
 gi|262206335|ref|NR\_029889.1| Homo sapiens microRNA 337 (MIR337), microRNA;  
 gi|262206339|ref|NR\_029890.1| Homo sapiens microRNA 323a (MIR323A), microRNA;  
 gi|262206342|ref|NR\_029635.1| Homo sapiens microRNA 221 (MIR221), microRNA;  
 gi|262206343|ref|NR\_029891.1| Homo sapiens microRNA 326 (MIR326), microRNA;  
 gi|262206346|ref|NR\_029636.1| Homo sapiens microRNA 222 (MIR222), microRNA;  
 gi|262206347|ref|NR\_029892.1| Homo sapiens microRNA 151a (MIR151A), microRNA;  
 gi|262206350|ref|NR\_029637.1| Homo sapiens microRNA 223 (MIR223), microRNA;  
 gi|262206351|ref|NR\_029893.1| Homo sapiens microRNA 135b (MIR135B), microRNA;  
 gi|262206354|ref|NR\_029638.1| Homo sapiens microRNA 224 (MIR224), microRNA;  
 gi|262206355|ref|NR\_029894.1| Homo sapiens microRNA 148b (MIR148B), microRNA;  
 gi|262206358|ref|NR\_029639.1| Homo sapiens microRNA 200b (MIR200B), microRNA;  
 gi|262206359|ref|NR\_029895.1| Homo sapiens microRNA 331 (MIR331), microRNA;  
 gi|262206361|ref|NR\_030406.1| Homo sapiens microRNA 758 (MIR758), microRNA;  
 gi|262206363|ref|NR\_029896.1| Homo sapiens microRNA 324 (MIR324), microRNA;  
 gi|262206365|ref|NR\_030407.1| Homo sapiens microRNA 671 (MIR671), microRNA;  
 gi|262206368|ref|NR\_029897.1| Homo sapiens microRNA 338 (MIR338), microRNA;  
 gi|262206370|ref|NR\_030408.1| Homo sapiens microRNA 668 (MIR668), microRNA;  
 gi|262206373|ref|NR\_029898.1| Homo sapiens microRNA 339 (MIR339), microRNA;  
 gi|262206375|ref|NR\_030409.1| Homo sapiens microRNA 767 (MIR767), microRNA;  
 gi|262231736|ref|NM\_001166598.1| Homo sapiens apolipoprotein A-V (APOA5), transcript variant 2, mRNA;  
 gi|262231741|ref|NM\_007255.2| Homo sapiens xylosylprotein beta 1,4-galactosyltransferase, polypeptide  
 gi|262231743|ref|NM\_001166579.1| Homo sapiens aralkylamine N-acetyltransferase (AANAT), transcript v  
 gi|262231787|ref|NM\_172165.3| Homo sapiens mutS homolog 5 (E. coli) (MSH5), transcript variant 2, mRN  
 gi|262231789|ref|NM\_021023.5| Homo sapiens complement factor H-related 3 (CFHR3), transcript variant  
 gi|262231794|ref|NM\_181673.2| Homo sapiens O-linked N-acetylglucosamine (GlcNAc) transferase (UDP-N  
 gi|262231819|ref|NM\_032299.3| Homo sapiens DCN1, defective in cullin neddylation 1, domain containing

gi|262231832|ref|NM\_007033.4| Homo sapiens RER1 retention in endoplasmic reticulum 1 homolog (S. cer  
gi|262263306|ref|NR\_030714.1| Homo sapiens microRNA 629 (MIR629), microRNA;  
gi|262263313|ref|NM\_003650.3| Homo sapiens cystatin F (leukocystatin) (CST7), mRNA;  
gi|262263323|ref|NR\_029472.1| Homo sapiens small nuclear ribonucleoprotein polypeptide C (SNRPC), tra  
gi|262263324|ref|NM\_019851.2| Homo sapiens fibroblast growth factor 20 (FGF20), mRNA;  
gi|262263328|ref|NR\_030684.1| Homo sapiens trafficking protein particle complex 1 (TRAPPC1), transcript  
gi|262263331|ref|NR\_029410.1| Homo sapiens kinesin family member 27 pseudogene (LOC389765), non-c  
gi|262263337|ref|NM\_001414.3| Homo sapiens eukaryotic translation initiation factor 2B, subunit 1 alpha,  
gi|262263346|ref|NM\_145166.3| Homo sapiens zinc finger and BTB domain containing 47 (ZBTB47), mRNA  
gi|262263387|ref|NM\_001109997.2| Homo sapiens kelch-like 33 (Drosophila) (KLHL33), mRNA;  
gi|262263419|ref|NM\_001004316.2| Homo sapiens leucine, glutamate and lysine rich 1 (LEKR1), transcript  
gi|262263433|ref|NM\_016382.3| Homo sapiens CD244 molecule, natural killer cell receptor 2B4 (CD244), t  
gi|262290931|ref|NM\_000765.3| Homo sapiens cytochrome P450, family 3, subfamily A, polypeptide 7 (CY  
gi|262331519|ref|NM\_003083.3| Homo sapiens small nuclear RNA activating complex, polypeptide 2, 45kD  
gi|262331548|ref|NM\_199185.3| Homo sapiens nucleophosmin (nucleolar phosphoprotein B23, numatrin)  
gi|262331565|ref|NM\_198926.2| Homo sapiens family with sequence similarity 212, member B (FAM212B)  
gi|262331568|ref|NM\_000802.3| Homo sapiens folate receptor 1 (adult) (FOLR1), transcript variant 2, mRN  
gi|262359906|ref|NM\_001166692.1| Homo sapiens chromosome 11 open reading frame 91 (C11orf91), m  
gi|262359908|ref|NM\_006261.4| Homo sapiens PROP paired-like homeobox 1 (PROP1), mRNA;  
gi|262359910|ref|NM\_001166693.1| Homo sapiens AF4/FMR2 family, member 1 (AFF1), transcript variant  
gi|262359912|ref|NM\_020741.2| Homo sapiens KIAA1257 (KIAA1257), mRNA;  
gi|262359915|ref|NM\_001166696.1| Homo sapiens solute carrier family 1 (glial high affinity glutamate tran  
gi|262359923|ref|NM\_020848.2| Homo sapiens KIAA1462 (KIAA1462), mRNA;  
gi|262359924|ref|NM\_000370.3| Homo sapiens tocopherol (alpha) transfer protein (TTPA), mRNA;  
gi|262359928|ref|NM\_015446.4| Homo sapiens AT hook containing transcription factor 1 (AHCTF1), mRNA  
gi|262359940|ref|NM\_004245.3| Homo sapiens transglutaminase 5 (TGM5), transcript variant 2, mRNA; gi  
gi|262359943|ref|NR\_003242.2| Homo sapiens profilin 1 pseudogene 2 (PFN1P2), non-coding RNA;  
gi|262359948|ref|NM\_001166700.1| Homo sapiens family with sequence similarity 104, member B (FAM10  
gi|262359968|ref|NM\_181714.3| Homo sapiens Leber congenital amaurosis 5 (LCA5), transcript variant 1, r  
gi|262359973|ref|NM\_001166660.1| Homo sapiens neuroligin 3 (NLGN3), transcript variant 3, mRNA; gi|26  
gi|262399360|ref|NM\_001166691.1| Homo sapiens TTK protein kinase (TTK), transcript variant 2, mRNA; gi  
gi|262399362|ref|NM\_001044.4| Homo sapiens solute carrier family 6 (neurotransmitter transporter, dopa  
gi|262399372|ref|NM\_001010866.3| Homo sapiens transmembrane protein 201 (TMEM201), transcript va  
gi|262399373|ref|NM\_020389.2| Homo sapiens transient receptor potential cation channel, subfamily C, m  
gi|262399382|ref|NM\_001167580.1| Homo sapiens synaptic vesicle glycoprotein 2B (SV2B), transcript varia  
gi|262399384|ref|NM\_001167579.1| Homo sapiens solute carrier family 34 (sodium phosphate), member 1  
gi|262399388|ref|NM\_001167582.1| Homo sapiens RNA binding motif protein 6 (RBM6), transcript variant  
gi|262399390|ref|NM\_020863.3| Homo sapiens zinc finger and AT hook domain containing (ZFAT), transcrip  
gi|262527219|ref|NM\_003442.5| Homo sapiens zinc finger protein 143 (ZNF143), mRNA;  
gi|262527224|ref|NM\_001167575.1| Homo sapiens chromosome 9 open reading frame 82 (C9orf82), trans  
gi|262527228|ref|NM\_004291.3| Homo sapiens CART prepropeptide (CARTPT), mRNA;  
gi|262527234|ref|NM\_001167594.1| Homo sapiens cathepsin A (CTSA), transcript variant 3, mRNA; gi|119:  
gi|262527236|ref|NM\_001430.4| Homo sapiens endothelial PAS domain protein 1 (EPAS1), mRNA;  
gi|262527241|ref|NM\_172208.2| Homo sapiens TAP binding protein (tapasin) (TAPBP), transcript variant 2,  
gi|262527250|ref|NR\_004430.2| Homo sapiens RNA, U1 small nuclear 1 (RNU1-1), small nuclear RNA;  
gi|262527258|ref|NM\_006442.3| Homo sapiens DR1-associated protein 1 (negative cofactor 2 alpha) (DRAI  
gi|262527259|ref|NR\_030723.1| Homo sapiens RNA, U1 small nuclear 6 (RNU1-6), small nuclear RNA;

gi|262527261|ref|NR\_004424.2| Homo sapiens RNA, U1 small nuclear 7 (RNU1-7), small nuclear RNA;  
 gi|262527262|ref|NM\_001167599.1| Homo sapiens sialidase 4 (NEU4), transcript variant 2, mRNA; gi|2625  
 gi|262527271|ref|NR\_004402.2| Homo sapiens RNA, U1 small nuclear 8 (RNU1-8), small nuclear RNA;  
 gi|262527274|ref|NR\_004426.2| Homo sapiens RNA, U1 small nuclear 9 (RNU1-9), small nuclear RNA;  
 gi|262527281|ref|NM\_022834.4| Homo sapiens von Willebrand factor A domain containing 1 (VWA1), tran  
 gi|262527288|ref|NM\_001167605.1| Homo sapiens kallikrein-related peptidase 11 (KLK11), transcript varia  
 gi|262527296|ref|NM\_212503.2| Homo sapiens cyclin-dependent kinase 18 (CDK18), transcript variant 1, n  
 gi|263190473|ref|NM\_001167607.1| Homo sapiens GM2 ganglioside activator (GM2A), transcript variant 2  
 gi|263190639|ref|NM\_032276.3| Homo sapiens rhomboid domain containing 1 (RHBDD1), transcript variar  
 gi|263191158|ref|NR\_030725.1| Homo sapiens regulator of chromosome condensation 1 (RCC1), transcript  
 gi|263191588|ref|NM\_001167617.1| Homo sapiens mutL homolog 1, colon cancer, nonpolyposis type 2 (E.  
 gi|263192220|ref|NM\_178557.3| Homo sapiens N-acetyltransferase 8-like (GCN5-related, putative) (NAT8L  
 gi|264681408|ref|NM\_014319.4| Homo sapiens LEM domain containing 3 (LEMD3), transcript variant 1, m  
 gi|264681414|ref|NR\_030727.1| Homo sapiens TLR8 antisense RNA 1 (non-protein coding) (TLR8-AS1), non  
 gi|264681487|ref|NM\_007148.4| Homo sapiens ring finger protein 112 (RNF112), mRNA;  
 gi|264681493|ref|NM\_001006636.3| Homo sapiens glycosyltransferase-like domain containing 1 (GTDC1),  
 gi|264681496|ref|NM\_032408.3| Homo sapiens bromodomain adjacent to zinc finger domain, 1B (BAZ1B),  
 gi|264681497|ref|NM\_152721.5| Homo sapiens docking protein 6 (DOK6), mRNA;  
 gi|264681525|ref|NM\_001167672.1| Homo sapiens LIM domain containing preferred translocation partner  
 gi|264681548|ref|NR\_001527.2| Homo sapiens testis-specific transcript, Y-linked 6 (non-protein coding) (TT  
 gi|264681555|ref|NM\_001115113.2| Homo sapiens WD repeat domain 26 (WDR26), transcript variant 2, m  
 gi|264681561|ref|NM\_018441.5| Homo sapiens peroxisomal trans-2-enoyl-CoA reductase (PECR), mRNA;  
 gi|264681562|ref|NM\_020383.3| Homo sapiens X-prolyl aminopeptidase (aminopeptidase P) 1, soluble (XP  
 gi|26638658|ref|NM\_003776.2| Homo sapiens mitochondrial ribosomal protein L40 (MRPL40), nuclear gen  
 gi|266452834|ref|NM\_000347.5| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 2, mR  
 gi|266453258|ref|NM\_013236.3| Homo sapiens ataxin 10 (ATXN10), transcript variant 1, mRNA; gi|266453  
 gi|266453668|ref|NM\_000289.5| Homo sapiens phosphofructokinase, muscle (PFKM), transcript variant 4,  
 gi|266454431|ref|NM\_000743.4| Homo sapiens cholinergic receptor, nicotinic, alpha 3 (neuronal) (CHRNA3  
 gi|266454920|ref|NM\_001167667.1| Homo sapiens cadherin 18, type 2 (CDH18), transcript variant 2, mRN  
 gi|266454991|ref|NM\_001167670.1| Homo sapiens transmembrane protein 239 (TMEM239), mRNA;  
 gi|266455837|ref|NM\_001167676.1| Homo sapiens uncharacterized LOC100128071 (LOC100128071), mRN  
 gi|266456179|ref|NM\_203382.2| Homo sapiens alpha-methylacyl-CoA racemase (AMACR), nuclear gene er  
 gi|266456216|ref|NM\_001167574.1| Homo sapiens uroplakin 3A (UPK3A), transcript variant 2, mRNA; gi|2  
 gi|266457047|ref|NM\_181265.3| Homo sapiens WD repeat domain 17 (WDR17), transcript variant 2, mRN  
 gi|266457267|ref|NM\_012232.5| Homo sapiens polymerase I and transcript release factor (PTRF), mRNA;  
 gi|26665892|ref|NM\_002125.3| Homo sapiens major histocompatibility complex, class II, DR beta 5 (HLA-D  
 gi|267844810|ref|NM\_020443.4| Homo sapiens neuron navigator 1 (NAV1), transcript variant 1, mRNA; gi|  
 gi|267844823|ref|NM\_001167740.1| Homo sapiens SET and MYND domain containing 3 (SMYD3), transcrip  
 gi|267844827|ref|NM\_001167741.1| Homo sapiens metaxin 3 (MTX3), transcript variant 1, mRNA; gi|2678  
 gi|267844894|ref|NR\_030732.1| Homo sapiens WDNM1-like pseudogene (LOC645638), non-coding RNA;  
 gi|267844903|ref|NM\_016955.3| Homo sapiens Sep (O-phosphoserine) tRNA:Sec (selenocysteine) tRNA syr  
 gi|267844906|ref|NM\_018122.4| Homo sapiens aspartyl-tRNA synthetase 2, mitochondrial (DARS2), nuclea  
 gi|26787971|ref|NM\_001320.5| Homo sapiens casein kinase 2, beta polypeptide (CSNK2B), mRNA;  
 gi|26787975|ref|NM\_001560.2| Homo sapiens interleukin 13 receptor, alpha 1 (IL13RA1), mRNA;  
 gi|26787976|ref|NM\_000640.2| Homo sapiens interleukin 13 receptor, alpha 2 (IL13RA2), mRNA;  
 gi|26787977|ref|NM\_002188.2| Homo sapiens interleukin 13 (IL13), mRNA;  
 gi|268370068|ref|NM\_018417.4| Homo sapiens adenylate cyclase 10 (soluble) (ADCY10), transcript variant

gi|268370093|ref|NM\_144625.4| Homo sapiens WD repeat domain 64 (WDR64), mRNA;

gi|268370095|ref|NR\_030737.1| Homo sapiens tetratricopeptide repeat domain 3 pseudogene 1 (TTC3P1),

gi|268370138|ref|NR\_030728.1| Homo sapiens uncharacterized LOC440910 (LOC440910), non-coding RNA,

gi|268370166|ref|NM\_145047.4| Homo sapiens organic solute carrier partner 1 (OSCP1), transcript variant

gi|268370217|ref|NM\_001167821.1| Homo sapiens bladder cancer associated protein (BLCAP), transcript v

gi|268370255|ref|NR\_002796.2| Homo sapiens aldo-keto reductase family 7, member A2 pseudogene 1 (Al

gi|268370263|ref|NM\_001001344.2| Homo sapiens ATPase, Ca++ transporting, plasma membrane 3 (ATP2

gi|268370292|ref|NM\_020442.4| Homo sapiens valyl-tRNA synthetase 2, mitochondrial (putative) (VARS2),

gi|268607509|ref|NM\_032103.2| Homo sapiens protein phosphatase 1, regulatory subunit 12B (PPP1R12B)

gi|268607571|ref|NM\_018969.5| Homo sapiens G protein-coupled receptor 173 (GPR173), mRNA;

gi|268607594|ref|NM\_001167882.1| Homo sapiens ankyrin repeat domain 50 (ANKRD50), transcript varian

gi|268607602|ref|NM\_001711.4| Homo sapiens biglycan (BGN), mRNA;

gi|268607603|ref|NM\_007156.4| Homo sapiens zinc finger, X-linked, duplicated A (ZXDA), mRNA;

gi|268607640|ref|NM\_014289.3| Homo sapiens calpain 6 (CAPN6), mRNA;

gi|268607666|ref|NM\_001167890.1| Homo sapiens EGF-like-domain, multiple 6 (EGFL6), transcript variant

gi|268607676|ref|NM\_022103.3| Homo sapiens zinc finger protein 667 (ZNF667), transcript variant 1, mRN

gi|268607698|ref|NM\_007162.2| Homo sapiens transcription factor EB (TFEB), transcript variant 1, mRNA;

gi|268830751|ref|NM\_001167867.1| Homo sapiens ATP5S-like (ATP5SL), transcript variant 1, mRNA; gi|268

gi|268834191|ref|NM\_000181.3| Homo sapiens glucuronidase, beta (GUSB), mRNA;

gi|268834370|ref|NM\_001167902.1| Homo sapiens pyroglutamyl-peptidase I-like (PGPEP1L), transcript var

gi|268834430|ref|NR\_003675.2| Homo sapiens glucuronidase, beta pseudogene 5 (GUSBP5), non-coding RI

gi|268834521|ref|NR\_030766.1| Homo sapiens glucuronidase, beta pseudogene 10 (GUSBP10), non-coding

gi|268834883|ref|NM\_000905.3| Homo sapiens neuropeptide Y (NPY), mRNA;

gi|268838146|ref|NM\_012418.3| Homo sapiens fascin homolog 2, actin-bundling protein, retinal (Strongylyc

gi|268838842|ref|NM\_018558.2| Homo sapiens gamma-aminobutyric acid (GABA) A receptor, theta (GABR

gi|268840315|ref|NM\_001167929.1| Homo sapiens interleukin 1 receptor accessory protein (IL1RAP), trans

gi|269308189|ref|NM\_001167935.1| Homo sapiens cerebral cavernous malformation 2 (CCM2), transcript

gi|269308216|ref|NM\_017954.10| Homo sapiens Ca++-dependent secretion activator 2 (CADPS2), transcrip

gi|269308234|ref|NM\_001167945.1| Homo sapiens calcium channel, voltage-dependent, beta 2 subunit (C

gi|269315832|ref|NM\_152694.2| Homo sapiens zinc finger, CCHC domain containing 5 (ZCCHC5), mRNA;

gi|269315842|ref|NR\_030774.1| Homo sapiens uracil phosphoribosyltransferase (FUR1) homolog (S. cerevi

gi|269315843|ref|NM\_030785.3| Homo sapiens radial spoke head 6 homolog A (Chlamydomonas) (RSPH6A

gi|269315851|ref|NM\_207354.2| Homo sapiens ankyrin repeat domain 13 family, member D (ANKRD13D),

gi|269315864|ref|NM\_198147.2| Homo sapiens abhydrolase domain containing 15 (ABHD15), mRNA;

gi|269315879|ref|NM\_032178.2| Homo sapiens solute carrier family 7, member 6 opposite strand (SLC7A6

gi|269784612|ref|NM\_001167947.1| Homo sapiens translocase of inner mitochondrial membrane 17 homc

gi|269784639|ref|NM\_138693.2| Homo sapiens Kruppel-like factor 14 (KLF14), mRNA;

gi|269784650|ref|NM\_001167962.1| Homo sapiens solute carrier family 26, member 5 (prestin) (SLC26A5),

gi|269784660|ref|NR\_003187.2| Homo sapiens neutrophil cytosolic factor 1C pseudogene (NCF1C), non-co

gi|269784675|ref|NM\_001167970.1| Homo sapiens TRM2 tRNA methyltransferase 2 homolog B (S. cerevisi

gi|269784719|ref|NM\_020665.4| Homo sapiens transmembrane protein 27 (TMEM27), mRNA;

gi|269846811|ref|NM\_001167856.1| Homo sapiens strawberry notch homolog 1 (Drosophila) (SBNO1), tra

gi|269846817|ref|NR\_030784.1| Homo sapiens microRNA 155 (MIR155), microRNA;

gi|269846820|ref|NR\_030785.1| Homo sapiens microRNA 374a (MIR374A), microRNA;

gi|269846833|ref|NM\_145203.5| Homo sapiens casein kinase 1, alpha 1-like (CSNK1A1L), mRNA;

gi|269846898|ref|NR\_031563.1| Homo sapiens microRNA 1264 (MIR1264), microRNA;

gi|269846902|ref|NR\_031564.1| Homo sapiens microRNA 320b-1 (MIR320B1), microRNA;

gi|269846903|ref|NM\_017615.2| Homo sapiens non-SMC element 4 homolog A (S. cerevisiae) (NSMCE4A),

gi|269846908|ref|NR\_031565.1| Homo sapiens microRNA 320c-1 (MIR320C1), microRNA;

gi|269846911|ref|NM\_001167942.1| Homo sapiens tumor necrosis factor, alpha-induced protein 8-like 1 (TNFIP8),

gi|269846916|ref|NR\_031566.1| Homo sapiens microRNA 1296 (MIR1296), microRNA;

gi|269846922|ref|NR\_031567.1| Homo sapiens microRNA 1468 (MIR1468), microRNA;

gi|269846926|ref|NR\_031568.1| Homo sapiens microRNA 1323 (MIR1323), microRNA;

gi|269846930|ref|NR\_031569.1| Homo sapiens microRNA 1271 (MIR1271), microRNA;

gi|269846934|ref|NR\_031570.1| Homo sapiens microRNA 1301 (MIR1301), microRNA;

gi|269846938|ref|NR\_031571.1| Homo sapiens microRNA 1185-2 (MIR1185-2), microRNA;

gi|269846942|ref|NR\_031572.1| Homo sapiens microRNA 449c (MIR449C), microRNA;

gi|269846946|ref|NR\_031573.1| Homo sapiens microRNA 1283-1 (MIR1283-1), microRNA;

gi|269846950|ref|NR\_031574.1| Homo sapiens microRNA 320b-2 (MIR320B2), microRNA;

gi|269846954|ref|NR\_031575.1| Homo sapiens microRNA 1185-1 (MIR1185-1), microRNA;

gi|269846958|ref|NR\_031576.1| Homo sapiens microRNA 762 (MIR762), microRNA;

gi|269846962|ref|NR\_031577.1| Homo sapiens microRNA 670 (MIR670), microRNA;

gi|269846966|ref|NR\_031578.1| Homo sapiens microRNA 1298 (MIR1298), microRNA;

gi|269846967|ref|NM\_152491.4| Homo sapiens peptidase M20 domain containing 1 (PM20D1), mRNA;

gi|269846972|ref|NR\_031579.1| Homo sapiens microRNA 2113 (MIR2113), microRNA;

gi|269846976|ref|NR\_031580.1| Homo sapiens microRNA 761 (MIR761), microRNA;

gi|269846980|ref|NR\_031581.1| Homo sapiens microRNA 764 (MIR764), microRNA;

gi|269846984|ref|NR\_031582.1| Homo sapiens microRNA 759 (MIR759), microRNA;

gi|269846997|ref|NM\_152599.3| Homo sapiens major facilitator superfamily domain containing 6-like (MFSD6),

gi|269847014|ref|NR\_031589.1| Homo sapiens microRNA 1178 (MIR1178), microRNA;

gi|269847018|ref|NR\_031590.1| Homo sapiens microRNA 1179 (MIR1179), microRNA;

gi|269847022|ref|NR\_031591.1| Homo sapiens microRNA 1180 (MIR1180), microRNA;

gi|269847026|ref|NR\_031592.1| Homo sapiens microRNA 1181 (MIR1181), microRNA;

gi|269847030|ref|NR\_031593.1| Homo sapiens microRNA 1182 (MIR1182), microRNA;

gi|269847034|ref|NR\_031594.1| Homo sapiens microRNA 1183 (MIR1183), microRNA;

gi|269847038|ref|NR\_031595.1| Homo sapiens microRNA 1226 (MIR1226), microRNA;

gi|269847039|ref|NM\_173587.3| Homo sapiens REST corepressor 2 (RCOR2), mRNA;

gi|269847044|ref|NR\_031596.1| Homo sapiens microRNA 1227 (MIR1227), microRNA;

gi|269847048|ref|NR\_031597.1| Homo sapiens microRNA 1228 (MIR1228), microRNA;

gi|269847052|ref|NR\_031598.1| Homo sapiens microRNA 1229 (MIR1229), microRNA;

gi|269847056|ref|NR\_031599.1| Homo sapiens microRNA 1231 (MIR1231), microRNA;

gi|269847060|ref|NR\_031600.1| Homo sapiens microRNA 1234 (MIR1234), microRNA;

gi|269847064|ref|NR\_031601.1| Homo sapiens microRNA 1236 (MIR1236), microRNA;

gi|269847068|ref|NR\_031602.1| Homo sapiens microRNA 1237 (MIR1237), microRNA;

gi|269847072|ref|NR\_031603.1| Homo sapiens microRNA 1238 (MIR1238), microRNA;

gi|269847076|ref|NR\_031604.1| Homo sapiens microRNA 1200 (MIR1200), microRNA;

gi|269847084|ref|NR\_031606.1| Homo sapiens microRNA 1202 (MIR1202), microRNA;

gi|269847088|ref|NR\_031607.1| Homo sapiens microRNA 1203 (MIR1203), microRNA;

gi|269847092|ref|NR\_031608.1| Homo sapiens microRNA 663b (MIR663B), microRNA;

gi|269847096|ref|NR\_031609.1| Homo sapiens microRNA 1204 (MIR1204), microRNA;

gi|269847097|ref|NM\_022126.3| Homo sapiens phospholysine phosphohistidine inorganic pyrophosphate

gi|269847102|ref|NR\_031610.1| Homo sapiens microRNA 1205 (MIR1205), microRNA;

gi|269847108|ref|NR\_031611.1| Homo sapiens microRNA 1206 (MIR1206), microRNA;

gi|269847112|ref|NR\_031612.1| Homo sapiens microRNA 1207 (MIR1207), microRNA;

gi|269847116|ref|NR\_031613.1| Homo sapiens microRNA 1208 (MIR1208), microRNA;  
gi|269847120|ref|NR\_031614.1| Homo sapiens microRNA 548e (MIR548E), microRNA;  
gi|269847124|ref|NR\_031615.1| Homo sapiens microRNA 548j (MIR548J), microRNA;  
gi|269847128|ref|NR\_031616.1| Homo sapiens microRNA 1285-1 (MIR1285-1), microRNA;  
gi|269847132|ref|NR\_031617.1| Homo sapiens microRNA 1285-2 (MIR1285-2), microRNA;  
gi|269847136|ref|NR\_031618.1| Homo sapiens microRNA 1286 (MIR1286), microRNA;  
gi|269847140|ref|NR\_031619.1| Homo sapiens microRNA 1287 (MIR1287), microRNA;  
gi|269847144|ref|NR\_031620.1| Homo sapiens microRNA 1289-1 (MIR1289-1), microRNA;  
gi|269847148|ref|NR\_031621.1| Homo sapiens microRNA 1289-2 (MIR1289-2), microRNA;  
gi|269847152|ref|NR\_031622.1| Homo sapiens microRNA 1290 (MIR1290), microRNA;  
gi|269847156|ref|NR\_031623.1| Homo sapiens microRNA 1291 (MIR1291), microRNA;  
gi|269847160|ref|NR\_031624.1| Homo sapiens microRNA 548k (MIR548K), microRNA;  
gi|269847164|ref|NR\_031625.1| Homo sapiens microRNA 1293 (MIR1293), microRNA;  
gi|269847168|ref|NR\_031626.1| Homo sapiens microRNA 1294 (MIR1294), microRNA;  
gi|269847172|ref|NR\_031627.1| Homo sapiens microRNA 1295a (MIR1295A), microRNA;  
gi|269847176|ref|NR\_031628.1| Homo sapiens microRNA 1297 (MIR1297), microRNA;  
gi|269847180|ref|NR\_031629.1| Homo sapiens microRNA 1299 (MIR1299), microRNA;  
gi|269847184|ref|NR\_031630.1| Homo sapiens microRNA 548l (MIR548L), microRNA;  
gi|269847189|ref|NR\_031631.1| Homo sapiens microRNA 1302-1 (MIR1302-1), microRNA;  
gi|269847197|ref|NR\_031632.1| Homo sapiens microRNA 1302-3 (MIR1302-3), microRNA;  
gi|269847203|ref|NR\_031633.1| Homo sapiens microRNA 1302-4 (MIR1302-4), microRNA;  
gi|269847208|ref|NR\_031634.1| Homo sapiens microRNA 1302-5 (MIR1302-5), microRNA;  
gi|269847213|ref|NR\_031635.1| Homo sapiens microRNA 1302-6 (MIR1302-6), microRNA;  
gi|269847217|ref|NR\_031636.1| Homo sapiens microRNA 1302-7 (MIR1302-7), microRNA;  
gi|269847221|ref|NR\_031637.1| Homo sapiens microRNA 1302-8 (MIR1302-8), microRNA;  
gi|269847225|ref|NR\_031638.1| Homo sapiens microRNA 1303 (MIR1303), microRNA;  
gi|269847229|ref|NR\_031639.1| Homo sapiens microRNA 1304 (MIR1304), microRNA;  
gi|269847233|ref|NR\_031640.1| Homo sapiens microRNA 1305 (MIR1305), microRNA;  
gi|269847236|ref|NR\_031641.1| Homo sapiens microRNA 1243 (MIR1243), microRNA;  
gi|269847239|ref|NM\_015993.2| Homo sapiens plasmolipin (PLLP), mRNA;  
gi|269847240|ref|NR\_031642.1| Homo sapiens microRNA 548f-1 (MIR548F1), microRNA;  
gi|269847243|ref|NR\_031643.1| Homo sapiens microRNA 548f-2 (MIR548F2), microRNA;  
gi|269847246|ref|NR\_031644.1| Homo sapiens microRNA 548f-3 (MIR548F3), microRNA;  
gi|269847249|ref|NR\_031645.1| Homo sapiens microRNA 548f-4 (MIR548F4), microRNA;  
gi|269847252|ref|NR\_031646.1| Homo sapiens microRNA 548f-5 (MIR548F5), microRNA;  
gi|269847256|ref|NR\_031647.1| Homo sapiens microRNA 1245a (MIR1245A), microRNA;  
gi|269847260|ref|NR\_031648.1| Homo sapiens microRNA 1246 (MIR1246), microRNA;  
gi|269847264|ref|NR\_031649.1| Homo sapiens microRNA 1247 (MIR1247), microRNA;  
gi|269847268|ref|NR\_031650.1| Homo sapiens microRNA 1248 (MIR1248), microRNA;  
gi|269847272|ref|NR\_031651.1| Homo sapiens microRNA 1249 (MIR1249), microRNA;  
gi|269847276|ref|NR\_031652.1| Homo sapiens microRNA 1250 (MIR1250), microRNA;  
gi|269847280|ref|NR\_031653.1| Homo sapiens microRNA 1251 (MIR1251), microRNA;  
gi|269847281|ref|NM\_152498.3| Homo sapiens WD repeat domain 65 (WDR65), transcript variant 1, mRNA;  
gi|269847286|ref|NR\_031654.1| Homo sapiens microRNA 1253 (MIR1253), microRNA;  
gi|269847292|ref|NR\_031655.1| Homo sapiens microRNA 1254-1 (MIR1254-1), microRNA;  
gi|269847299|ref|NR\_031656.1| Homo sapiens microRNA 1255a (MIR1255A), microRNA;  
gi|269847305|ref|NR\_031657.1| Homo sapiens microRNA 1256 (MIR1256), microRNA;

gi|269847312|ref|NR\_031658.1| Homo sapiens microRNA 1257 (MIR1257), microRNA;  
gi|269847316|ref|NR\_031659.1| Homo sapiens microRNA 1258 (MIR1258), microRNA;  
gi|269847324|ref|NR\_031661.1| Homo sapiens microRNA 1260a (MIR1260A), microRNA;  
gi|269847328|ref|NR\_031662.1| Homo sapiens microRNA 548g (MIR548G), microRNA;  
gi|269847332|ref|NR\_031663.1| Homo sapiens microRNA 1261 (MIR1261), microRNA;  
gi|269847336|ref|NR\_031664.1| Homo sapiens microRNA 1262 (MIR1262), microRNA;  
gi|269847340|ref|NR\_031665.1| Homo sapiens microRNA 1263 (MIR1263), microRNA;  
gi|269847344|ref|NR\_031666.1| Homo sapiens microRNA 548n (MIR548N), microRNA;  
gi|269847348|ref|NR\_031667.1| Homo sapiens microRNA 548m (MIR548M), microRNA;  
gi|269847352|ref|NR\_031668.1| Homo sapiens microRNA 1265 (MIR1265), microRNA;  
gi|269847356|ref|NR\_031669.1| Homo sapiens microRNA 548o (MIR548O), microRNA;  
gi|269847360|ref|NR\_031670.1| Homo sapiens microRNA 1266 (MIR1266), microRNA;  
gi|269847364|ref|NR\_031671.1| Homo sapiens microRNA 1267 (MIR1267), microRNA;  
gi|269847368|ref|NR\_031672.1| Homo sapiens microRNA 1268a (MIR1268A), microRNA;  
gi|269847372|ref|NR\_031673.1| Homo sapiens microRNA 1269a (MIR1269A), microRNA;  
gi|269847376|ref|NR\_031674.1| Homo sapiens microRNA 1272 (MIR1272), microRNA;  
gi|269847380|ref|NR\_031675.1| Homo sapiens microRNA 1273a (MIR1273A), microRNA;  
gi|269847388|ref|NR\_031677.1| Homo sapiens microRNA 548h-1 (MIR548H1), microRNA;  
gi|269847392|ref|NR\_031678.1| Homo sapiens microRNA 548h-2 (MIR548H2), microRNA;  
gi|269847396|ref|NR\_031679.1| Homo sapiens microRNA 548h-3 (MIR548H3), microRNA;  
gi|269847402|ref|NR\_031680.1| Homo sapiens microRNA 548h-4 (MIR548H4), microRNA;  
gi|269847403|ref|NM\_001167941.1| Homo sapiens WD repeat domain 76 (WDR76), transcript variant 2, m  
gi|269847408|ref|NR\_031681.1| Homo sapiens microRNA 1275 (MIR1275), microRNA;  
gi|269847412|ref|NR\_031682.1| Homo sapiens microRNA 1276 (MIR1276), microRNA;  
gi|269847415|ref|NM\_022736.2| Homo sapiens major facilitator superfamily domain containing 1 (MFSD1)  
gi|269847420|ref|NR\_031683.1| Homo sapiens microRNA 302e (MIR302E), microRNA;  
gi|269847426|ref|NR\_031684.1| Homo sapiens microRNA 302f (MIR302F), microRNA;  
gi|269847430|ref|NR\_031685.1| Homo sapiens microRNA 1277 (MIR1277), microRNA;  
gi|269847434|ref|NR\_031686.1| Homo sapiens microRNA 548p (MIR548P), microRNA;  
gi|269847438|ref|NR\_031687.1| Homo sapiens microRNA 548i-1 (MIR548I1), microRNA;  
gi|269847442|ref|NR\_031688.1| Homo sapiens microRNA 548i-2 (MIR548I2), microRNA;  
gi|269847446|ref|NR\_031689.1| Homo sapiens microRNA 548i-3 (MIR548I3), microRNA;  
gi|269847450|ref|NR\_031690.1| Homo sapiens microRNA 548i-4 (MIR548I4), microRNA;  
gi|269847454|ref|NR\_031691.1| Homo sapiens microRNA 1278 (MIR1278), microRNA;  
gi|269847459|ref|NR\_031692.1| Homo sapiens microRNA 1279 (MIR1279), microRNA;  
gi|269847464|ref|NM\_001167816.1| Homo sapiens chromosome 20 open reading frame 26 (C20orf26), tra  
gi|269847469|ref|NR\_031694.1| Homo sapiens microRNA 1281 (MIR1281), microRNA;  
gi|269847473|ref|NR\_031695.1| Homo sapiens microRNA 1282 (MIR1282), microRNA;  
gi|269847477|ref|NR\_031696.1| Homo sapiens microRNA 1283-2 (MIR1283-2), microRNA;  
gi|269847481|ref|NR\_031697.1| Homo sapiens microRNA 1284 (MIR1284), microRNA;  
gi|269847485|ref|NR\_031698.1| Homo sapiens microRNA 1288 (MIR1288), microRNA;  
gi|269847489|ref|NR\_031699.1| Homo sapiens microRNA 1292 (MIR1292), microRNA;  
gi|269847493|ref|NR\_031700.1| Homo sapiens microRNA 1252 (MIR1252), microRNA;  
gi|269847497|ref|NR\_031701.1| Homo sapiens microRNA 1255b-1 (MIR1255B1), microRNA;  
gi|269847498|ref|NM\_213726.2| Homo sapiens inhibitor of CDK, cyclin A1 interacting protein 1 (INCA1), tra  
gi|269847503|ref|NR\_031702.1| Homo sapiens microRNA 1255b-2 (MIR1255B2), microRNA;  
gi|269847509|ref|NR\_031703.1| Homo sapiens microRNA 1280 (MIR1280), microRNA;



gi|269847524|ref|NR\_031706.1| Homo sapiens microRNA 1306 (MIR1306), microRNA;  
gi|269847528|ref|NR\_031707.1| Homo sapiens microRNA 1307 (MIR1307), microRNA;  
gi|269847532|ref|NR\_031708.1| Homo sapiens microRNA 513b (MIR513B), microRNA;  
gi|269847536|ref|NR\_031709.1| Homo sapiens microRNA 513c (MIR513C), microRNA;  
gi|269847540|ref|NR\_031710.1| Homo sapiens microRNA 1321 (MIR1321), microRNA;  
gi|269847544|ref|NR\_031711.1| Homo sapiens microRNA 1322 (MIR1322), microRNA;  
gi|269847550|ref|NR\_031712.1| Homo sapiens microRNA 720 (MIR720), microRNA;  
gi|269847551|ref|NM\_001167911.1| Homo sapiens ventricular zone expressed PH domain homolog 1 (zebrin-1), mRNA;  
gi|269847556|ref|NR\_031713.1| Homo sapiens microRNA 1197 (MIR1197), microRNA;  
gi|269847562|ref|NR\_031714.1| Homo sapiens microRNA 1324 (MIR1324), microRNA;  
gi|269847566|ref|NR\_031715.1| Homo sapiens microRNA 1469 (MIR1469), microRNA;  
gi|269847570|ref|NR\_031716.1| Homo sapiens microRNA 1470 (MIR1470), microRNA;  
gi|269847574|ref|NR\_031717.1| Homo sapiens microRNA 1471 (MIR1471), microRNA;  
gi|269847578|ref|NR\_031718.1| Homo sapiens microRNA 1537 (MIR1537), microRNA;  
gi|269847582|ref|NR\_031719.1| Homo sapiens microRNA 1538 (MIR1538), microRNA;  
gi|269847586|ref|NR\_031720.1| Homo sapiens microRNA 1539 (MIR1539), microRNA;  
gi|269847590|ref|NR\_031721.1| Homo sapiens microRNA 103b-1 (MIR103B1), microRNA;  
gi|269847594|ref|NR\_031722.1| Homo sapiens microRNA 103b-2 (MIR103B2), microRNA;  
gi|269847598|ref|NR\_031723.1| Homo sapiens microRNA 320d-1 (MIR320D1), microRNA;  
gi|269847602|ref|NR\_031724.1| Homo sapiens microRNA 320c-2 (MIR320C2), microRNA;  
gi|269847606|ref|NR\_031725.1| Homo sapiens microRNA 320d-2 (MIR320D2), microRNA;  
gi|269847610|ref|NR\_031726.1| Homo sapiens microRNA 1825 (MIR1825), microRNA;  
gi|269847620|ref|NR\_031728.1| Homo sapiens microRNA 1827 (MIR1827), microRNA;  
gi|269847624|ref|NR\_031729.1| Homo sapiens microRNA 1908 (MIR1908), microRNA;  
gi|269847630|ref|NR\_031730.1| Homo sapiens microRNA 1909 (MIR1909), microRNA;  
gi|269847636|ref|NR\_031731.1| Homo sapiens microRNA 1910 (MIR1910), microRNA;  
gi|269847639|ref|NR\_031732.1| Homo sapiens microRNA 1911 (MIR1911), microRNA;  
gi|269847642|ref|NR\_031733.1| Homo sapiens microRNA 1912 (MIR1912), microRNA;  
gi|269847648|ref|NR\_031734.1| Homo sapiens microRNA 1913 (MIR1913), microRNA;  
gi|269847652|ref|NR\_031735.1| Homo sapiens microRNA 1914 (MIR1914), microRNA;  
gi|269847656|ref|NR\_031736.1| Homo sapiens microRNA 1915 (MIR1915), microRNA;  
gi|269847660|ref|NR\_031737.1| Homo sapiens microRNA 1973 (MIR1973), microRNA;  
gi|269847672|ref|NR\_031740.1| Homo sapiens microRNA 1976 (MIR1976), microRNA;  
gi|269847688|ref|NR\_031744.1| Homo sapiens microRNA 2052 (MIR2052), microRNA;  
gi|269847692|ref|NR\_031745.1| Homo sapiens microRNA 2053 (MIR2053), microRNA;  
gi|269847693|ref|NM\_032149.2| Homo sapiens chromosome 4 open reading frame 17 (C4orf17), mRNA;  
gi|269847700|ref|NR\_031746.1| Homo sapiens microRNA 2054 (MIR2054), microRNA;  
gi|269847706|ref|NR\_031747.1| Homo sapiens microRNA 2110 (MIR2110), microRNA;  
gi|269847712|ref|NR\_031748.1| Homo sapiens microRNA 2114 (MIR2114), microRNA;  
gi|269847718|ref|NR\_031749.1| Homo sapiens microRNA 2115 (MIR2115), microRNA;  
gi|269847722|ref|NR\_031750.1| Homo sapiens microRNA 2116 (MIR2116), microRNA;  
gi|269847726|ref|NR\_031751.1| Homo sapiens microRNA 2117 (MIR2117), microRNA;  
gi|269847730|ref|NR\_031752.1| Homo sapiens microRNA 548q (MIR548Q), microRNA;  
gi|269847734|ref|NR\_031753.1| Homo sapiens microRNA 2276 (MIR2276), microRNA;  
gi|269847738|ref|NR\_031754.1| Homo sapiens microRNA 2277 (MIR2277), microRNA;  
gi|269847742|ref|NR\_031755.1| Homo sapiens microRNA 2278 (MIR2278), microRNA;  
gi|269847748|ref|NR\_031756.1| Homo sapiens microRNA 711 (MIR711), microRNA;

gi|269847749|ref|NM\_001167924.1| Homo sapiens chromosome 3 open reading frame 26 (C3orf26), trans  
 gi|269847754|ref|NR\_031757.1| Homo sapiens microRNA 718 (MIR718), microRNA;  
 gi|269847775|ref|NM\_001168236.1| Homo sapiens v-abl Abelson murine leukemia viral oncogene homolo  
 gi|269847808|ref|NM\_153839.6| Homo sapiens G protein-coupled receptor 111 (GPR111), mRNA;  
 gi|269847873|ref|NM\_022828.3| Homo sapiens YTH domain containing 2 (YTHDC2), mRNA;  
 gi|269914083|ref|NM\_002127.5| Homo sapiens major histocompatibility complex, class I, G (HLA-G), mRNA/  
 gi|269914105|ref|NR\_001434.2| Homo sapiens major histocompatibility complex, class I, H (pseudogene) (I  
 gi|269914166|ref|NM\_144676.3| Homo sapiens transmembrane emp24 protein transport domain containi  
 gi|269914177|ref|NM\_152390.2| Homo sapiens transmembrane protein 178 (TMEM178), transcript varian  
 gi|269914182|ref|NM\_178859.3| Homo sapiens organic solute transporter beta (OSTBETA), mRNA;  
 gi|269914184|ref|NM\_001141936.2| Homo sapiens chromosome 4 open reading frame 48 (C4orf48), trans  
 gi|269954661|ref|NM\_001168247.1| Homo sapiens schlafen-like 1 (SLFN1), transcript variant 2, mRNA; gi|  
 gi|269954663|ref|NM\_153229.2| Homo sapiens transmembrane protein 92 (TMEM92), transcript variant 1  
 gi|269954665|ref|NM\_001079842.2| Homo sapiens OCIA domain containing 1 (OCIAD1), transcript variant  
 gi|269954691|ref|NM\_002222.5| Homo sapiens inositol 1,4,5-trisphosphate receptor, type 1 (ITPR1), trans  
 gi|269973851|ref|NM\_177980.2| Homo sapiens cadherin 26 (CDH26), transcript variant a, mRNA; gi|26997  
 gi|269973857|ref|NM\_001557.3| Homo sapiens chemokine (C-X-C motif) receptor 2 (CXCR2), transcript var  
 gi|269973860|ref|NM\_000417.2| Homo sapiens interleukin 2 receptor, alpha (IL2RA), mRNA;  
 gi|269973862|ref|NM\_001168299.1| Homo sapiens kelch-like 13 (Drosophila) (KLHL13), transcript variant 2  
 gi|269973876|ref|NM\_018339.5| Homo sapiens riboflavin kinase (RFK), mRNA;  
 gi|269973881|ref|NM\_001168271.1| Homo sapiens G protein-coupled receptor 156 (GPR156), transcript v  
 gi|269973883|ref|NM\_198149.2| Homo sapiens shisa homolog 4 (Xenopus laevis) (SHISA4), transcript varia  
 gi|269985699|ref|NR\_024346.2| Homo sapiens monooxygenase, DBH-like 2, pseudogene (MOXD2P), non-c  
 gi|269995931|ref|NM\_005725.4| Homo sapiens tetraspanin 2 (TSPAN2), mRNA;  
 gi|269995959|ref|NM\_005723.3| Homo sapiens tetraspanin 5 (TSPAN5), mRNA;  
 gi|269995982|ref|NM\_001168319.1| Homo sapiens endothelin 1 (EDN1), transcript variant 2, mRNA; gi|26  
 gi|269995995|ref|NM\_002098.5| Homo sapiens guanylate cyclase activator 1B (retina) (GUCA1B), mRNA;  
 gi|270132303|ref|NM\_001168359.1| Homo sapiens tudor domain containing 6 (TDRD6), transcript variant :  
 gi|270132321|ref|NM\_031413.3| Homo sapiens cat eye syndrome chromosome region, candidate 2 (CECR2  
 gi|270132411|ref|NM\_174914.3| Homo sapiens UDP glycosyltransferase 3 family, polypeptide A2 (UGT3A2  
 gi|270132477|ref|NM\_004544.3| Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 1  
 gi|270132515|ref|NM\_000267.3| Homo sapiens neurofibromin 1 (NF1), transcript variant 2, mRNA; gi|270  
 gi|270132562|ref|NM\_006675.4| Homo sapiens tetraspanin 9 (TSPAN9), transcript variant 1, mRNA; gi|270  
 gi|270132687|ref|NM\_015472.4| Homo sapiens WW domain containing transcription regulator 1 (WWTR1)  
 gi|270132802|ref|NM\_001168324.1| Homo sapiens CD300 molecule-like family member g (CD300LG), tran  
 gi|270132875|ref|NM\_001168338.1| Homo sapiens plasminogen (PLG), transcript variant 2, mRNA; gi|270  
 gi|270132928|ref|NM\_001168344.1| Homo sapiens ras responsive element binding protein 1 (RREB1), tran  
 gi|270133065|ref|NM\_003309.3| Homo sapiens TSPY-like 1 (TSPYL1), mRNA;  
 gi|270133210|ref|NM\_001168217.1| Homo sapiens amyotrophic lateral sclerosis 2 (juvenile) chromosome  
 gi|270265785|ref|NM\_173855.4| Homo sapiens MORN repeat containing 3 (MORN3), mRNA;  
 gi|270265792|ref|NM\_020759.2| Homo sapiens StAR-related lipid transfer (START) domain containing 9 (ST  
 gi|270265794|ref|NM\_001003702.2| Homo sapiens Rho guanine nucleotide exchange factor (GEF) 35 (ARH  
 gi|270265800|ref|NM\_173853.3| Homo sapiens keratinocyte associated protein 3 (KRTCAP3), transcript vai  
 gi|270265811|ref|NM\_178836.3| Homo sapiens phospholipase D family, member 6 (PLD6), mRNA;  
 gi|270265819|ref|NM\_020692.2| Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetyl  
 gi|270265833|ref|NM\_014780.4| Homo sapiens cullin 7 (CUL7), transcript variant 2, mRNA; gi|270265834|  
 gi|270265838|ref|NM\_000273.2| Homo sapiens G protein-coupled receptor 143 (GPR143), mRNA;

gi|270265868|ref|NM\_012296.3| Homo sapiens GRB2-associated binding protein 2 (GAB2), transcript varia

gi|270265870|ref|NM\_001168235.1| Homo sapiens FRAS1 related extracellular matrix 3 (FREM3), mRNA;

gi|270265875|ref|NM\_001008274.3| Homo sapiens tripartite motif containing 72 (TRIM72), mRNA;

gi|270265878|ref|NM\_001168335.1| Homo sapiens malic enzyme 2, NAD(+)-dependent, mitochondrial (ME

gi|270265886|ref|NM\_152574.2| Homo sapiens tetratricopeptide repeat domain 39B (TTC39B), transcript \

gi|270265901|ref|NM\_001168214.1| Homo sapiens chromosome 3 open reading frame 80 (C3orf80), mRN

gi|270265903|ref|NM\_001012716.2| Homo sapiens chromosome 18 open reading frame 56 (C18orf56), m

gi|270265907|ref|NM\_001168222.1| Homo sapiens TBC1 domain family, member 17 (TBC1D17), transcript

gi|270288720|ref|NM\_032968.3| Homo sapiens protocadherin 11 X-linked (PCDH11X), transcript variant c,

gi|270288732|ref|NM\_014698.2| Homo sapiens transmembrane protein 63A (TMEM63A), mRNA;

gi|270288734|ref|NM\_000270.3| Homo sapiens purine nucleoside phosphorylase (PNP), mRNA;

gi|270288757|ref|NM\_022370.3| Homo sapiens roundabout, axon guidance receptor, homolog 3 (Drosoph

gi|270288765|ref|NM\_006861.6| Homo sapiens RAB35, member RAS oncogene family (RAB35), transcript \

gi|270288779|ref|NM\_001168331.1| Homo sapiens NADH dehydrogenase (ubiquinone) 1 beta subcomplex

gi|270288817|ref|NM\_001168348.1| Homo sapiens NOP2/Sun domain family, member 5 (NSUN5), transcri

gi|270288819|ref|NM\_001168355.1| Homo sapiens oncostatin M receptor (OSMR), transcript variant 2, m

gi|270309170|ref|NM\_001164375.2| Homo sapiens chromosome 10 open reading frame 105 (C10orf105),

gi|270309175|ref|NM\_153607.2| Homo sapiens CREB3 regulatory factor (CREBRF), transcript variant 1, mR

gi|270309181|ref|NM\_001168399.1| Homo sapiens brain expressed X-linked 2 (BEX2), transcript variant 1,

gi|270483720|ref|NM\_000312.3| Homo sapiens protein C (inactivator of coagulation factors Va and VIIIa) (I

gi|270483739|ref|NM\_152780.3| Homo sapiens MAP7 domain containing 2 (MAP7D2), transcript variant 2,

gi|270483754|ref|NR\_033122.1| Homo sapiens PDZ domain containing 3 (PDZD3), transcript variant 3, non-

gi|270483794|ref|NM\_001168474.1| Homo sapiens TAF7-like RNA polymerase II, TATA box binding protein

gi|270483817|ref|NM\_005724.5| Homo sapiens tetraspanin 3 (TSPAN3), transcript variant 1, mRNA; gi|270

gi|271397278|ref|NR\_033142.1| Homo sapiens transmembrane protein 48 (TMEM48), transcript variant 3,

gi|271397436|ref|NM\_018463.3| Homo sapiens integrin alpha FG-GAP repeat containing 2 (ITFG2), mRNA;

gi|271398184|ref|NM\_001168530.1| Homo sapiens ankyrin repeat and SOCS box containing 9 (ASB9), trans

gi|271398238|ref|NM\_018235.2| Homo sapiens CNDP dipeptidase 2 (metallopeptidase M20 family) (CNDP:

gi|27312028|ref|NM\_172365.1| Homo sapiens protein phosphatase 1, regulatory subunit 36 (PPP1R36), m

gi|27374999|ref|NM\_007285.6| Homo sapiens GABA(A) receptor-associated protein-like 2 (GABARAPL2), r

gi|27413907|ref|NM\_020944.2| Homo sapiens glucosidase, beta (bile acid) 2 (GBA2), mRNA;

gi|274315852|ref|NM\_001145080.2| Homo sapiens chromosome 17 open reading frame 104 (C17orf104),

gi|274317624|ref|NM\_005727.3| Homo sapiens tetraspanin 1 (TSPAN1), mRNA;

gi|274318368|ref|NM\_001168480.1| Homo sapiens armadillo repeat containing, X-linked 5 (ARMCX5), tran

gi|274321461|ref|NM\_152692.4| Homo sapiens C1GALT1-specific chaperone 1 (C1GALT1C1), transcript var

gi|27436868|ref|NM\_173080.1| Homo sapiens small proline-rich protein 4 (SPRR4), mRNA;

gi|27436890|ref|NM\_172236.1| Homo sapiens protein O-fucosyltransferase 1 (POFUT1), transcript variant :

gi|27436898|ref|NM\_012458.2| Homo sapiens translocase of inner mitochondrial membrane 13 homolog (

gi|27436899|ref|NM\_012473.3| Homo sapiens thioredoxin 2 (TXN2), nuclear gene encoding mitochondrial

gi|27436923|ref|NM\_003517.2| Homo sapiens histone cluster 2, H2ac (HIST2H2AC), mRNA;

gi|27436931|ref|NM\_021728.2| Homo sapiens orthodenticle homeobox 2 (OTX2), transcript variant 1, mRN

gi|27436934|ref|NM\_147192.2| Homo sapiens diencephalon/mesencephalon homeobox 1 (DMBX1), trans

gi|27436942|ref|NM\_021976.3| Homo sapiens retinoid X receptor, beta (RXRB), mRNA;

gi|27436950|ref|NM\_032737.2| Homo sapiens lamin B2 (LMNB2), mRNA;

gi|27436952|ref|NM\_080284.2| Homo sapiens ATP-binding cassette, sub-family A (ABC1), member 6 (ABCA

gi|27436970|ref|NM\_004732.2| Homo sapiens potassium voltage-gated channel, shaker-related subfamily,

gi|27436972|ref|NM\_004975.2| Homo sapiens potassium voltage-gated channel, Shab-related subfamily, n

gi|27436973|ref|NM\_004770.2| Homo sapiens potassium voltage-gated channel, Shab-related subfamily, n

gi|27436975|ref|NM\_012282.2| Homo sapiens KCNE1-like (KCNE1L), mRNA;

gi|27436977|ref|NM\_172201.1| Homo sapiens potassium voltage-gated channel, Isk-related family, membe

gi|27436982|ref|NM\_012281.2| Homo sapiens potassium voltage-gated channel, Shal-related subfamily, m

gi|27436997|ref|NM\_005549.2| Homo sapiens potassium voltage-gated channel, shaker-related subfamily,

gi|27436998|ref|NM\_002236.4| Homo sapiens potassium voltage-gated channel, subfamily F, member 1 (K

gi|27437009|ref|NM\_032294.2| Homo sapiens calcium/calmodulin-dependent protein kinase kinase 1, alph

gi|27437018|ref|NM\_153500.1| Homo sapiens calcium/calmodulin-dependent protein kinase kinase 2, bet;

gi|27475984|ref|NM\_022728.2| Homo sapiens neuronal differentiation 6 (NEUROD6), mRNA;

gi|27477077|ref|NM\_014443.2| Homo sapiens interleukin 17B (IL17B), mRNA;

gi|27477078|ref|NM\_013278.3| Homo sapiens interleukin 17C (IL17C), mRNA;

gi|27477085|ref|NM\_002190.2| Homo sapiens interleukin 17A (IL17A), mRNA;

gi|27477086|ref|NM\_003855.2| Homo sapiens interleukin 18 receptor 1 (IL18R1), mRNA;

gi|27477087|ref|NM\_003853.2| Homo sapiens interleukin 18 receptor accessory protein (IL18RAP), mRNA;

gi|27477088|ref|NM\_172374.1| Homo sapiens interleukin 4 induced 1 (IL4I1), transcript variant 2, mRNA; g

gi|27477090|ref|NM\_000589.2| Homo sapiens interleukin 4 (IL4), transcript variant 1, mRNA; gi|27477091

gi|27477112|ref|NM\_004599.2| Homo sapiens sterol regulatory element binding transcription factor 2 (SRE

gi|27477119|ref|NM\_014325.2| Homo sapiens coronin, actin binding protein, 1C (CORO1C), transcript varia

gi|27477126|ref|NM\_033033.3| Homo sapiens keratin 82 (KRT82), mRNA;

gi|27477133|ref|NM\_024923.2| Homo sapiens nucleoporin 210kDa (NUP210), mRNA;

gi|27477137|ref|NM\_024625.3| Homo sapiens zinc finger CCCH-type, antiviral 1 (ZC3HAV1), transcript varia

gi|27501451|ref|NM\_005840.1| Homo sapiens sprouty homolog 3 (Drosophila) (SPRY3), mRNA;

gi|27502384|ref|NM\_006162.3| Homo sapiens nuclear factor of activated T-cells, cytoplasmic, calcineurin-c

gi|27545320|ref|NM\_004872.3| Homo sapiens transmembrane protein 59 (TMEM59), mRNA;

gi|27552771|ref|NM\_000910.2| Homo sapiens neuropeptide Y receptor Y2 (NPY2R), mRNA;

gi|27734726|ref|NM\_173618.1| Homo sapiens INO80 complex subunit E (INO80E), mRNA;

gi|27734882|ref|NM\_173553.1| Homo sapiens tripartite motif family-like 2 (TRIML2), mRNA;

gi|27734902|ref|NM\_173548.1| Homo sapiens zinc finger protein 584 (ZNF584), mRNA;

gi|27734924|ref|NM\_173657.1| Homo sapiens chromosome 3 open reading frame 33 (C3orf33), mRNA;

gi|27734982|ref|NM\_173629.1| Homo sapiens chromosome 18 open reading frame 26 (C18orf26), mRNA;

gi|27735026|ref|NM\_173635.1| Homo sapiens chromosome 19 open reading frame 75 (C19orf75), mRNA;

gi|27735036|ref|NM\_173470.1| Homo sapiens membrane magnesium transporter 1 (MMGT1), mRNA;

gi|27735040|ref|NM\_173472.1| Homo sapiens chromosome 3 open reading frame 24 (C3orf24), transcript

gi|27735084|ref|NM\_173492.1| Homo sapiens phosphatidylinositol-4-phosphate 5-kinase-like 1 (PIP5KL1),

gi|27735086|ref|NM\_173644.1| Homo sapiens chromosome 20 open reading frame 197 (C20orf197), mRN

gi|27735106|ref|NM\_173650.1| Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 5 gamma (DN

gi|27735142|ref|NM\_173674.1| Homo sapiens discoidin, CUB and LCCL domain containing 1 (DCBLD1), mRI

gi|27735154|ref|NM\_173516.1| Homo sapiens poly(A)-specific ribonuclease (PARN)-like domain containing

gi|27754165|ref|NM\_013937.2| Homo sapiens olfactory receptor, family 11, subfamily A, member 1 (OR11

gi|27754764|ref|NM\_005031.3| Homo sapiens FXFD domain containing ion transport regulator 1 (FXFD1), t

gi|27754770|ref|NM\_002587.3| Homo sapiens protocadherin 1 (PCDH1), transcript variant 1, mRNA; gi|27

gi|27754774|ref|NM\_001133.2| Homo sapiens afamin (AFM), mRNA;

gi|27754775|ref|NM\_003665.2| Homo sapiens ficolin (collagen/fibrinogen domain containing) 3 (Hakata an

gi|27765071|ref|NM\_024344.1| Homo sapiens calpain 3, (p94) (CAPN3), transcript variant 2, mRNA; gi|277

gi|27777674|ref|NM\_173858.1| Homo sapiens vomeronasal 1 receptor 5 (gene/pseudogene) (VN1R5), mRI

gi|27804314|ref|NM\_173860.1| Homo sapiens homeobox C12 (HOXC12), mRNA;

gi|27881480|ref|NM\_002872.3| Homo sapiens ras-related C3 botulinum toxin substrate 2 (rho family, smal

gi|27881483|ref|NM\_017590.4| Homo sapiens zinc finger CCCH-type containing 7B (ZC3H7B), mRNA;

gi|27881504|ref|NM\_005692.3| Homo sapiens ATP-binding cassette, sub-family F (GCN20), member 2 (ABC

gi|27883865|ref|NM\_021932.4| Homo sapiens resistance to inhibitors of cholinesterase 8 homolog A (C. el

gi|27886564|ref|NM\_006785.2| Homo sapiens mucosa associated lymphoid tissue lymphoma translocation

gi|27886567|ref|NM\_022168.2| Homo sapiens interferon induced with helicase C domain 1 (IFIH1), mRNA;

gi|27886610|ref|NM\_002821.3| Homo sapiens PTK7 protein tyrosine kinase 7 (PTK7), transcript variant PTK

gi|27886644|ref|NM\_139318.3| Homo sapiens potassium voltage-gated channel, subfamily H (eag-related),

gi|27886650|ref|NM\_173092.1| Homo sapiens potassium voltage-gated channel, subfamily H (eag-related),

gi|27886666|ref|NM\_144633.2| Homo sapiens potassium voltage-gated channel, subfamily H (eag-related),

gi|27894283|ref|NM\_002558.2| Homo sapiens purinergic receptor P2X, ligand-gated ion channel, 1 (P2RX1

gi|27894286|ref|NM\_173341.1| Homo sapiens PHD finger protein 7 (PHF7), transcript variant 2, mRNA; gi|

gi|27894301|ref|NM\_173205.1| Homo sapiens interleukin 37 (IL37), transcript variant 5, mRNA; gi|278942

gi|27894305|ref|NM\_000576.2| Homo sapiens interleukin 1, beta (IL1B), mRNA;

gi|27894308|ref|NM\_012275.2| Homo sapiens interleukin 36 receptor antagonist (IL36RN), transcript varia

gi|27894312|ref|NM\_173178.1| Homo sapiens interleukin 36, beta (IL36B), transcript variant 2, mRNA; gi|2

gi|27894314|ref|NM\_019618.2| Homo sapiens interleukin 36, gamma (IL36G), mRNA;

gi|27894322|ref|NM\_006858.2| Homo sapiens transmembrane emp24 protein transport domain containin

gi|27894327|ref|NM\_003856.2| Homo sapiens interleukin 1 receptor-like 1 (IL1RL1), transcript variant 2, m

gi|27894329|ref|NM\_000575.3| Homo sapiens interleukin 1, alpha (IL1A), mRNA;

gi|27894331|ref|NM\_000877.2| Homo sapiens interleukin 1 receptor, type I (IL1R1), mRNA;

gi|27894333|ref|NM\_173343.1| Homo sapiens interleukin 1 receptor, type II (IL1R2), transcript variant 2, m

gi|27894338|ref|NM\_015515.3| Homo sapiens keratin 23 (histone deacetylase inducible) (KRT23), mRNA;

gi|27894377|ref|NM\_053277.1| Homo sapiens chloride intracellular channel 6 (CLIC6), nuclear gene encodi

gi|27894386|ref|NM\_018063.3| Homo sapiens helicase, lymphoid-specific (HELLS), mRNA;

gi|281182388|ref|NM\_001031715.2| Homo sapiens IQ motif containing H (IQCH), transcript variant 1, mRN

gi|281182403|ref|NM\_018360.2| Homo sapiens taxilin gamma (TXLNG), transcript variant 1, mRNA; gi|281

gi|281182524|ref|NM\_005202.2| Homo sapiens collagen, type VIII, alpha 2 (COL8A2), mRNA;

gi|281182570|ref|NM\_022918.3| Homo sapiens transmembrane protein 135 (TMEM135), transcript varian

gi|281182631|ref|NM\_005267.4| Homo sapiens gap junction protein, alpha 8, 50kDa (GJA8), mRNA;

gi|281182648|ref|NM\_153212.2| Homo sapiens gap junction protein, beta 4, 30.3kDa (GJB4), mRNA;

gi|281182689|ref|NM\_015262.2| Homo sapiens family with sequence similarity 21, member C (FAM21C), ti

gi|281182726|ref|NM\_001169111.1| Homo sapiens SCO cytochrome oxidase deficient homolog 2 (yeast) (S

gi|281182746|ref|NM\_001005177.3| Homo sapiens olfactory receptor, family 52, subfamily R, member 1 (C

gi|281182821|ref|NM\_020860.3| Homo sapiens stromal interaction molecule 2 (STIM2), transcript variant :

gi|281182827|ref|NM\_020153.3| Homo sapiens intraflagellar transport 46 homolog (Chlamydomonas) (IFT

gi|281306728|ref|NM\_001168649.1| Homo sapiens connector enhancer of kinase suppressor of Ras 2 (CNK

gi|281306732|ref|NM\_001040274.2| Homo sapiens synaptonemal complex protein 2-like (SYCP2L), mRNA;

gi|281306818|ref|NR\_033125.1| Homo sapiens asparagine-linked glycosylation 13 homolog (S. cerevisiae) (

gi|281306839|ref|NM\_001169126.1| Homo sapiens transmembrane and immunoglobulin domain containir

gi|281332171|ref|NM\_001170330.1| Homo sapiens chromosome 4 open reading frame 3 (C4orf3), transcri

gi|281371345|ref|NM\_001031743.2| Homo sapiens chromosome 6 open reading frame 165 (C6orf165), mR

gi|281371398|ref|NR\_033151.1| Homo sapiens phospholipase A2, group IVF (PLA2G4F), transcript variant 2

gi|281371407|ref|NM\_145175.2| Homo sapiens family with sequence similarity 84, member A (FAM84A), n

gi|281371469|ref|NM\_206810.3| Homo sapiens myelin oligodendrocyte glycoprotein (MOG), transcript var

gi|281427100|ref|NM\_003718.4| Homo sapiens cyclin-dependent kinase 13 (CDK13), transcript variant 1, n

gi|281427106|ref|NM\_173804.4| Homo sapiens transmembrane protein 86B (TMEM86B), mRNA;

gi|281427130|ref|NM\_003268.5| Homo sapiens toll-like receptor 5 (TLR5), mRNA;

gi|281427195|ref|NM\_025159.2| Homo sapiens chromosome X open reading frame 21 (CXorf21), mRNA;  
 gi|281427208|ref|NM\_144970.2| Homo sapiens chromosome X open reading frame 38 (CXorf38), mRNA;  
 gi|281427217|ref|NM\_001169154.1| Homo sapiens chromosome X open reading frame 41 (CXorf41), trans  
 gi|281427223|ref|NM\_175854.7| Homo sapiens PAN3 poly(A) specific ribonuclease subunit homolog (S. cer  
 gi|281427236|ref|NM\_001169574.1| Homo sapiens chromosome X open reading frame 58 (CXorf58), trans  
 gi|281427264|ref|NM\_001170331.1| Homo sapiens LanC lantibiotic synthetase component C-like 3 (bacter  
 gi|281427266|ref|NM\_152623.2| Homo sapiens cell division cycle 20 homolog B (S. cerevisiae) (CDC20B), tr  
 gi|281427277|ref|NM\_001170406.1| Homo sapiens cyclin-dependent kinase 1 (CDK1), transcript variant 4,  
 gi|281427283|ref|NM\_153362.2| Homo sapiens protease, serine, 35 (PRSS35), transcript variant 2, mRNA; i  
 gi|28144900|ref|NM\_172139.2| Homo sapiens interleukin 28B (interferon, lambda 3) (IL28B), mRNA;  
 gi|28144902|ref|NM\_016584.2| Homo sapiens interleukin 23, alpha subunit p19 (IL23A), mRNA;  
 gi|28144906|ref|NM\_052995.2| Homo sapiens clarin 1 (CLRN1), transcript variant 4, mRNA; gi|378744209|  
 gi|28144919|ref|NM\_172341.1| Homo sapiens presenilin enhancer 2 homolog (C. elegans) (PSENEN), mRNA/  
 gi|281485548|ref|NR\_033169.1| Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgl  
 gi|281485549|ref|NM\_000138.4| Homo sapiens fibrillin 1 (FBN1), mRNA;  
 gi|281485607|ref|NM\_003226.3| Homo sapiens trefoil factor 3 (intestinal) (TFF3), mRNA;  
 gi|281485623|ref|NM\_001130860.2| Homo sapiens hephaestin (HEPH), transcript variant 3, mRNA; gi|2814  
 gi|281485629|ref|NR\_033172.1| Homo sapiens FERM and PDZ domain containing 2 pseudogene 1 (FRMPD:  
 gi|281599325|ref|NM\_001170553.1| Homo sapiens V-set and immunoglobulin domain containing 1 (VSIG1  
 gi|281604113|ref|NM\_001018071.3| Homo sapiens FERM and PDZ domain containing 2 (FRMPD2), transcri  
 gi|281604135|ref|NM\_001170543.1| Homo sapiens phosphoglycerate mutase family member 5 (PGAM5), i  
 gi|281604149|ref|NR\_033175.1| Homo sapiens phosphoglycerate mutase family member 5 pseudogene (L  
 gi|28173557|ref|NM\_175067.1| Homo sapiens trace amine associated receptor 6 (TAAR6), mRNA;  
 gi|28178818|ref|NM\_174856.1| Homo sapiens isocitrate dehydrogenase 3 (NAD+) beta (IDH3B), nuclear ge  
 gi|28178824|ref|NM\_005896.2| Homo sapiens isocitrate dehydrogenase 1 (NADP+), soluble (IDH1), mRNA;  
 gi|28178831|ref|NM\_002168.2| Homo sapiens isocitrate dehydrogenase 2 (NADP+), mitochondrial (IDH2), i  
 gi|28178835|ref|NM\_005530.2| Homo sapiens isocitrate dehydrogenase 3 (NAD+) alpha (IDH3A), nuclear g  
 gi|28178837|ref|NM\_174869.1| Homo sapiens isocitrate dehydrogenase 3 (NAD+) gamma (IDH3G), nuclear  
 gi|28178854|ref|NM\_173211.1| Homo sapiens TGFB-induced factor homeobox 1 (TGIF1), transcript variant  
 gi|28212271|ref|NM\_174913.1| Homo sapiens chromosome 14 open reading frame 21 (C14orf21), mRNA;  
 gi|282154794|ref|NM\_001031738.2| Homo sapiens transmembrane protein 150A (TMEM150A), transcript  
 gi|282165678|ref|NM\_006521.4| Homo sapiens transcription factor binding to IGHE enhancer 3 (TFE3), ml  
 gi|282165692|ref|NM\_001169123.1| Homo sapiens AF4/FMR2 family, member 2 (AFF2), transcript variant  
 gi|282165703|ref|NM\_001170629.1| Homo sapiens chromodomain helicase DNA binding protein 8 (CHD8),  
 gi|282165708|ref|NM\_032029.4| Homo sapiens Fc receptor, IgA, IgM, high affinity (FCAMR), transcript vari  
 gi|282165713|ref|NM\_001136103.2| Homo sapiens transmembrane protein 132C (TMEM132C), mRNA;  
 gi|282165717|ref|NM\_152392.3| Homo sapiens AHA1, activator of heat shock 90kDa protein ATPase homo  
 gi|282165718|ref|NM\_001105669.2| Homo sapiens tetratricopeptide repeat domain 24 (TTC24), mRNA;  
 gi|282165725|ref|NR\_033181.1| Homo sapiens synapse associated protein 1 (SYAP1), transcript variant 2, r  
 gi|282165726|ref|NM\_172239.4| Homo sapiens REX1, RNA exonuclease 1 homolog (S. cerevisiae)-like 1 (RE  
 gi|282165748|ref|NM\_024654.4| Homo sapiens nucleolar protein 9 (NOL9), mRNA;  
 gi|282165757|ref|NM\_145305.2| Homo sapiens solute carrier family 25, member 43 (SLC25A43), nuclear gi  
 gi|282165777|ref|NM\_024763.4| Homo sapiens WD repeat domain 78 (WDR78), transcript variant 1, mRNA/  
 gi|282165816|ref|NM\_001167830.1| Homo sapiens transmembrane emp24 protein transport domain cont  
 gi|282165822|ref|NM\_017953.3| Homo sapiens zinc finger, HIT-type containing 6 (ZNHIT6), transcript varia  
 gi|282165830|ref|NM\_152373.3| Homo sapiens zinc finger protein 684 (ZNF684), mRNA;  
 gi|282394029|ref|NM\_080875.2| Homo sapiens mindbomb E3 ubiquitin protein ligase 2 (MIB2), transcript

gi|282394044|ref|NM\_001170693.1| Homo sapiens cancer antigen 1 (CAGE1), transcript variant 2, mRNA;   
gi|282394048|ref|NM\_207360.2| Homo sapiens zinc finger CCCH-type containing 12D (ZC3H12D), mRNA;   
gi|282394050|ref|NM\_207411.4| Homo sapiens XK, Kell blood group complex subunit-related family, mem1   
gi|282395052|ref|NM\_178549.3| Homo sapiens zinc finger protein 678 (ZNF678), transcript variant 1, mRN   
gi|282396058|ref|NM\_018194.4| Homo sapiens hedgehog acyltransferase (HHAT), transcript variant 1, mRN   
gi|282396070|ref|NM\_001005327.2| Homo sapiens olfactory receptor, family 6, subfamily K, member 3 (OL   
gi|282396078|ref|NM\_001136536.3| Homo sapiens death domain containing 1 (DTHD1), transcript variant   
gi|282396081|ref|NM\_001136561.2| Homo sapiens heterogeneous nuclear ribonucleoprotein C-like (LOC4   
gi|282396087|ref|NM\_023077.2| Homo sapiens Sel1 repeat containing 1 (SELRC1), mRNA;   
gi|282397095|ref|NM\_024579.3| Homo sapiens chromosome 1 open reading frame 54 (C1orf54), mRNA;   
gi|282398124|ref|NM\_001170720.1| Homo sapiens breast cancer anti-estrogen resistance 1 (BCAR1), trans   
gi|282398128|ref|NM\_032126.4| Homo sapiens chromosome 1 open reading frame 49 (C1orf49), transcrip   
gi|282399146|ref|NM\_152365.2| Homo sapiens chromosome 1 open reading frame 172 (C1orf172), mRNA   
gi|282400150|ref|NR\_033186.1| Homo sapiens chromosome 1 open reading frame 220 (C1orf220), non-co   
gi|282400941|ref|NM\_022737.2| Homo sapiens lipid phosphate phosphatase-related protein type 2 (LPPR2   
gi|282402178|ref|NM\_001039803.2| Homo sapiens cyclin-dependent kinase 20 (CDK20), transcript variant   
gi|282403487|ref|NM\_207370.2| Homo sapiens G protein-coupled receptor 153 (GPR153), mRNA;   
gi|282403492|ref|NM\_001170650.1| Homo sapiens LAS1-like (S. cerevisiae) (LAS1L), transcript variant 3, m   
gi|28269686|ref|NM\_175619.1| Homo sapiens zygote arrest 1 (ZAR1), mRNA;   
gi|282720998|ref|NM\_032882.4| Homo sapiens paraneoplastic Ma antigen family member 6A (PNMA6A), r   
gi|282721001|ref|NM\_001170701.1| Homo sapiens muscleblind-like splicing regulator 3 (MBNL3), transcrip   
gi|282721019|ref|NM\_001004351.4| Homo sapiens speedy homolog E3 (Xenopus laevis) (SPDYE3), mRNA;   
gi|282721025|ref|NM\_001045477.2| Homo sapiens family with sequence similarity 22, member G (FAM22   
gi|282721056|ref|NM\_152367.2| Homo sapiens mab-21-like 3 (C. elegans) (MAB21L3), mRNA;   
gi|282721062|ref|NM\_001002912.4| Homo sapiens chromosome 1 open reading frame 173 (C1orf173), m   
gi|282721078|ref|NM\_001170752.1| Homo sapiens sushi-repeat containing protein, X-linked (SRPX), trans   
gi|282721089|ref|NM\_001170754.1| Homo sapiens chromosome 1 open reading frame 127 (C1orf127), m   
gi|282721093|ref|NM\_153606.3| Homo sapiens family with sequence similarity 71, member A (FAM71A), n   
gi|282721103|ref|NM\_001170755.1| Homo sapiens neuroblastoma breakpoint family, member 15 (NBPF15   
gi|282721107|ref|NM\_020192.3| Homo sapiens Yae1 domain containing 1 (YAE1D1), mRNA;   
gi|282721121|ref|NR\_033189.1| Homo sapiens phosphodiesterase 4D interacting protein pseudogene (LOC   
gi|282721135|ref|NM\_018461.3| Homo sapiens protein phosphatase 2, regulatory subunit B, delta (PPP2R   
gi|28274700|ref|NM\_145806.2| Homo sapiens zinc finger protein 511 (ZNF511), mRNA;   
gi|282847342|ref|NR\_002940.2| Homo sapiens leucine rich repeat containing 37, member A4, pseudogene   
gi|282847364|ref|NM\_001039380.2| Homo sapiens chromosome 10 open reading frame 25 (C10orf25), m   
gi|282847372|ref|NM\_001170794.1| Homo sapiens BTB and CNC homology 1, basic leucine zipper transcrip   
gi|282847379|ref|NM\_001170795.1| Homo sapiens chromosome 2 open reading frame 28 (C2orf28), trans   
gi|282847387|ref|NM\_001009997.2| Homo sapiens chromosome 10 open reading frame 62 (C10orf62), m   
gi|282847397|ref|NM\_001001671.3| Homo sapiens mitogen-activated protein kinase kinase kinase 15 (MA   
gi|282847414|ref|NR\_033196.1| Homo sapiens zinc finger, AN1-type domain 1 (ZFAND1), transcript variant   
gi|282847419|ref|NM\_001170798.1| Homo sapiens solute carrier family 15, member 5 (SLC15A5), mRNA;   
gi|282847423|ref|NM\_152539.2| Homo sapiens chromosome 3 open reading frame 30 (C3orf30), mRNA;   
gi|282847456|ref|NM\_001170806.1| Homo sapiens chromosome 8 open reading frame 47 (C8orf47), trans   
gi|282847458|ref|NM\_001170807.1| Homo sapiens four and a half LIM domains 5 (FHL5), transcript variant   
gi|282847477|ref|NR\_033187.1| Homo sapiens protein (peptidylprolyl cis/trans isomerase) NIMA-interactir   
gi|282847478|ref|NM\_152578.2| Homo sapiens fragile X mental retardation 1 neighbor (FMR1NB), mRNA;   
gi|282847479|ref|NM\_145284.5| Homo sapiens family with sequence similarity 122B (FAM122B), transcrip

gi|282847489|ref|NM\_001170761.1| Homo sapiens SRSF protein kinase 3 (SRPK3), transcript variant 3, mRNA;  
 gi|282847491|ref|NM\_001170696.1| Homo sapiens spermatogenesis associated 22 (SPATA22), transcript v  
 gi|282847503|ref|NM\_001170765.1| Homo sapiens ligand dependent nuclear receptor corepressor (LCOR),  
 gi|28302128|ref|NM\_000518.4| Homo sapiens hemoglobin, beta (HBB), mRNA;  
 gi|28302129|ref|NM\_005330.3| Homo sapiens hemoglobin, epsilon 1 (HBE1), mRNA;  
 gi|28302130|ref|NM\_000559.2| Homo sapiens hemoglobin, gamma A (HBG1), mRNA;  
 gi|28302132|ref|NM\_000184.2| Homo sapiens hemoglobin, gamma G (HBG2), mRNA;  
 gi|283046660|ref|NM\_001170784.1| Homo sapiens family with sequence similarity 122C (FAM122C), trans  
 gi|283046664|ref|NM\_001170690.1| Homo sapiens signal peptide, CUB domain, EGF-like 2 (SCUBE2), trans  
 gi|283046670|ref|NM\_001170790.1| Homo sapiens major facilitator superfamily domain containing 5 (MFS  
 gi|283046675|ref|NM\_001170569.1| Homo sapiens chromosome X open reading frame 56 (CXorf56), trans  
 gi|283046685|ref|NM\_144713.3| Homo sapiens family with sequence similarity 82, member A1 (FAM82A1),  
 gi|283046689|ref|NM\_173695.2| Homo sapiens chromosome X open reading frame 59 (CXorf59), mRNA;  
 gi|283046691|ref|NM\_001170574.1| Homo sapiens family with sequence similarity 46, member D (FAM46I  
 gi|283046693|ref|NM\_033034.2| Homo sapiens tripartite motif containing 5 (TRIM5), transcript variant alp  
 gi|283046705|ref|NM\_001170803.1| Homo sapiens La ribonucleoprotein domain family, member 4 (LARP4  
 gi|283046747|ref|NM\_173525.2| Homo sapiens chromosome 11 open reading frame 42 (C11orf42), mRNA  
 gi|283046749|ref|NM\_031484.3| Homo sapiens MARVEL domain containing 1 (MARVELD1), mRNA;  
 gi|283046781|ref|NM\_001170753.1| Homo sapiens protein phosphatase 1, regulatory subunit 32 (PPP1R32  
 gi|283046788|ref|NR\_033202.1| Homo sapiens HOXB cluster antisense RNA 3 (non-protein coding) (HOXB-  
 gi|283046798|ref|NM\_173573.2| Homo sapiens chromosome 11 open reading frame 35 (C11orf35), mRNA  
 gi|283046806|ref|NM\_207645.3| Homo sapiens chromosome 11 open reading frame 87 (C11orf87), mRNA  
 gi|283046830|ref|NM\_213658.2| Homo sapiens killer cell lectin-like receptor subfamily C, member 1 (KLRC  
 gi|283046840|ref|NR\_033192.1| Homo sapiens coiled-coil domain containing 59 (CCDC59), transcript variat  
 gi|283046841|ref|NM\_032230.2| Homo sapiens chromosome 12 open reading frame 26 (C12orf26), mRNA  
 gi|283135105|ref|NM\_001024074.2| Homo sapiens histamine N-methyltransferase (HNMT), transcript vari  
 gi|283135123|ref|NM\_032829.2| Homo sapiens chromosome 12 open reading frame 34 (C12orf34), mRNA  
 gi|283135198|ref|NM\_130783.4| Homo sapiens tetraspanin 18 (TSPAN18), mRNA;  
 gi|283135200|ref|NM\_001170634.1| Homo sapiens fused in sarcoma (FUS), transcript variant 3, mRNA; gi|  
 gi|283135207|ref|NM\_001032291.2| Homo sapiens proline/serine-rich coiled-coil 1 (PSRC1), transcript vari  
 gi|283135212|ref|NM\_033223.4| Homo sapiens gamma-aminobutyric acid (GABA) A receptor, gamma 3 (G  
 gi|283135213|ref|NM\_001170881.1| Homo sapiens G protein-coupled receptor 137 (GPR137), transcript v  
 gi|283135245|ref|NM\_001170905.1| Homo sapiens zinc finger protein 736 (ZNF736), mRNA;  
 gi|28329444|ref|NM\_014379.2| Homo sapiens potassium channel, subfamily V, member 1 (KCNV1), mRNA;  
 gi|283436082|ref|NM\_001170931.1| Homo sapiens forkhead box O4 (FOXO4), transcript variant 2, mRNA;  
 gi|283436086|ref|NM\_001025265.2| Homo sapiens chromosome X open reading frame 65 (CXorf65), trans  
 gi|283436088|ref|NM\_012159.4| Homo sapiens F-box and leucine-rich repeat protein 21 (gene/pseudogen  
 gi|283436111|ref|NM\_153021.4| Homo sapiens phospholipase B1 (PLB1), transcript variant 1, mRNA; gi|28  
 gi|283436134|ref|NM\_001170963.1| Homo sapiens immunoglobulin superfamily, member 1 (IGSF1), trans  
 gi|283436223|ref|NM\_001170536.1| Homo sapiens ATPase family, AAA domain containing 3A (ATAD3A), n  
 gi|283436229|ref|NM\_001170538.1| Homo sapiens DAZ interacting protein 1-like (DZIP1L), transcript varia  
 gi|283483967|ref|NM\_014496.4| Homo sapiens ribosomal protein S6 kinase, 90kDa, polypeptide 6 (RPS6KA  
 gi|283483994|ref|NM\_000024.5| Homo sapiens adrenergic, beta-2-, receptor, surface (ADRB2), mRNA;  
 gi|283483995|ref|NM\_173699.3| Homo sapiens melanoma antigen family B, 18 (MAGEB18), mRNA;  
 gi|283484019|ref|NM\_130392.3| Homo sapiens protein tyrosine phosphatase, receptor type, D (PTPRD), tr  
 gi|283484025|ref|NM\_144696.4| Homo sapiens axonemal dynein light chain domain containing 1 (AXDND1  
 gi|283549143|ref|NM\_001171038.1| Homo sapiens acetylserotonin O-methyltransferase (ASMT), transcrip



gi|283549152|ref|NM\_147195.2| Homo sapiens ankyrin repeat domain 18A (ANKRD18A), mRNA;  
 gi|28372534|ref|NM\_174910.1| Homo sapiens t-complex-associated-testis-expressed 3 (TCTE3), mRNA;  
 gi|28372538|ref|NM\_174921.1| Homo sapiens chromosome 4 open reading frame 34 (C4orf34), mRNA;  
 gi|28372542|ref|NM\_174924.1| Homo sapiens protein disulfide isomerase-like, testis expressed (PDILT), mRNA;  
 gi|28372546|ref|NM\_174928.1| Homo sapiens N-6 adenine-specific DNA methyltransferase 2 (putative) (N6MT2), mRNA;  
 gi|28372562|ref|NM\_174942.1| Homo sapiens growth arrest-specific 2 like 3 (GAS2L3), mRNA;  
 gi|28372568|ref|NM\_175056.1| Homo sapiens zona pellucida-like domain containing 1 (ZPLD1), mRNA;  
 gi|28372979|ref|NR\_001276.1| Homo sapiens small nucleolar RNA, C/D box 56B (SNORD56B), small nucleolar RNA;  
 gi|28373098|ref|NM\_175052.1| Homo sapiens ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 1 (ST8SIA1), mRNA;  
 gi|28373130|ref|NM\_014461.2| Homo sapiens contactin 6 (CNTN6), mRNA;  
 gi|28373193|ref|NM\_175573.1| Homo sapiens adhesion regulating molecule 1 (ADRM1), transcript variant 1, mRNA;  
 gi|28376643|ref|NM\_001516.3| Homo sapiens general transcription factor IIH, polypeptide 3, 34kDa (GTF2I), mRNA;  
 gi|28376651|ref|NM\_174927.1| Homo sapiens spermatogenesis associated 19 (SPATA19), mRNA;  
 gi|283806575|ref|NM\_001170944.1| Homo sapiens paraneoplastic Ma antigen family member 6C (PNMA6C), mRNA;  
 gi|283806587|ref|NM\_025029.3| Homo sapiens mitotic spindle organizing protein 2B (MZT2B), mRNA;  
 gi|283806597|ref|NM\_001171080.1| Homo sapiens RNA binding motif protein 41 (RBM41), transcript variant 1, mRNA;  
 gi|283806623|ref|NM\_025241.2| Homo sapiens UBX domain protein 6 (UBXN6), transcript variant 1, mRNA;  
 gi|283806626|ref|NM\_020384.3| Homo sapiens claudin 2 (CLDN2), transcript variant 1, mRNA; gi|283806627|ref|NM\_020384.3| Homo sapiens claudin 2 (CLDN2), transcript variant 2, mRNA;  
 gi|283806631|ref|NM\_001171093.1| Homo sapiens family with sequence similarity 131, member A (FAM131A), mRNA;  
 gi|283806651|ref|NM\_025263.3| Homo sapiens proline rich 3 (PRR3), transcript variant 1, mRNA; gi|283806652|ref|NM\_025263.3| Homo sapiens proline rich 3 (PRR3), transcript variant 2, mRNA;  
 gi|283806665|ref|NM\_153448.3| Homo sapiens ESX homeobox 1 (ESX1), mRNA;  
 gi|283806666|ref|NM\_005275.3| Homo sapiens guanine nucleotide binding protein-like 1 (GNL1), mRNA;  
 gi|283806678|ref|NM\_001377.2| Homo sapiens dynein, cytoplasmic 2, heavy chain 1 (DYNC2H1), transcript variant 1, mRNA;  
 gi|283806691|ref|NM\_005943.5| Homo sapiens molybdenum cofactor synthesis 1 (MOCS1), transcript variant 1, mRNA;  
 gi|283806698|ref|NM\_001171135.1| Homo sapiens zinc finger, BED-type containing 1 (ZBED1), transcript variant 1, mRNA;  
 gi|283806702|ref|NM\_018387.4| Homo sapiens spermatid perinuclear RNA binding protein (STRBP), transcript variant 1, mRNA;  
 gi|283806709|ref|NM\_024657.4| Homo sapiens MORC family CW-type zinc finger 4 (MORC4), transcript variant 1, mRNA;  
 gi|283837778|ref|NM\_178471.2| Homo sapiens G protein-coupled receptor 119 (GPR119), mRNA;  
 gi|283837794|ref|NM\_001171110.1| Homo sapiens family with sequence similarity 133, member A (FAM133A), mRNA;  
 gi|283837811|ref|NM\_001863.4| Homo sapiens cytochrome c oxidase subunit VIb polypeptide 1 (ubiquitous) (COX6B), mRNA;  
 gi|283837841|ref|NM\_001080421.2| Homo sapiens unc-13 homolog A (C. elegans) (UNC13A), mRNA;  
 gi|283837865|ref|NM\_001171155.1| Homo sapiens chromosome 19 open reading frame 79 (C19orf79), transcript variant 1, mRNA;  
 gi|283837875|ref|NM\_001171156.1| Homo sapiens sialic acid binding Ig-like lectin 10 (SIGLEC10), transcript variant 1, mRNA;  
 gi|283837893|ref|NM\_001171162.1| Homo sapiens zinc finger, MYM-type 3 (ZMYM3), transcript variant 3, mRNA;  
 gi|283837901|ref|NM\_017520.3| Homo sapiens M-phase phosphoprotein 8 (MPHOSPH8), mRNA;  
 gi|283837915|ref|NR\_033240.1| Homo sapiens uncharacterized LOC100129794 (LOC100129794), non-coding RNA;  
 gi|283837918|ref|NM\_030631.3| Homo sapiens solute carrier family 25 (mitochondrial oxoadipate carrier), member 1 (SLC25A25), mRNA;  
 gi|283837926|ref|NM\_001171172.1| Homo sapiens chemokine (C-X3-C motif) receptor 1 (CX3CR1), transcript variant 1, mRNA;  
 gi|283837937|ref|NM\_004224.3| Homo sapiens G protein-coupled receptor 50 (GPR50), mRNA;  
 gi|283945458|ref|NM\_001171182.1| Homo sapiens centromere protein L (CENPL), transcript variant 3, mRNA;  
 gi|283945483|ref|NM\_001171183.1| Homo sapiens EF-hand calcium binding domain 9 (EFCAB9), mRNA;  
 gi|283945495|ref|NM\_001171184.1| Homo sapiens dystrophin related protein 2 (DRP2), transcript variant 1, mRNA;  
 gi|283945508|ref|NR\_021485.2| Homo sapiens EGF-like and EMI domain containing 1, pseudogene (EGFEM1), mRNA;  
 gi|283945528|ref|NM\_001171195.1| Homo sapiens ELAV (embryonic lethal, abnormal vision, Drosophila)-like 1 (ELAVL1), mRNA;  
 gi|283945603|ref|NM\_001171133.1| Homo sapiens family with sequence similarity 3, member A (FAM3A), mRNA;  
 gi|283945633|ref|NM\_080817.4| Homo sapiens G protein-coupled receptor 82 (GPR82), mRNA;  
 gi|283945634|ref|NM\_020769.2| Homo sapiens retrotransposon gag domain containing 1 (RGAG1), mRNA;

gi|284004886|ref|NM\_001002916.3| Homo sapiens H2B histone family, member W, testis-specific (H2BFW

gi|284004890|ref|NM\_001168682.1| Homo sapiens Sin3A-associated protein, 25kDa (SAP25), mRNA;

gi|284004924|ref|NM\_174951.3| Homo sapiens family with sequence similarity 9, member A (FAM9A), tra

gi|284005198|ref|NR\_033244.1| Homo sapiens glycine cleavage system protein H (aminomethyl carrier) ps

gi|284005210|ref|NR\_033245.1| Homo sapiens glycine cleavage system protein H (aminomethyl carrier) ps

gi|284005235|ref|NM\_001171204.2| Homo sapiens ubiquitin associated protein 1 (UBAP1), transcript varia

gi|284005248|ref|NM\_001171251.1| Homo sapiens chromosome 17 open reading frame 53 (C17orf53), tra

gi|284005270|ref|NR\_033248.1| Homo sapiens glycine cleavage system protein H (aminomethyl carrier) ps

gi|284005284|ref|NR\_027461.1| Homo sapiens family with sequence similarity 74, member A2 (FAM74A2),

gi|284005287|ref|NR\_027423.1| Homo sapiens family with sequence similarity 66, member B (FAM66B), nc

gi|284005299|ref|NR\_033249.1| Homo sapiens glycine cleavage system protein H (aminomethyl carrier) (G

gi|284005302|ref|NR\_015370.2| Homo sapiens EPB41L4A antisense RNA 1 (non-protein coding) (EPB41L4A

gi|284005308|ref|NM\_004260.3| Homo sapiens RecQ protein-like 4 (RECQL4), mRNA;

gi|284005310|ref|NM\_001166339.1| Homo sapiens WBSCR19-like protein 3 (SPDYE2L), mRNA;

gi|284005314|ref|NR\_033250.1| Homo sapiens hCG2003956 (LOC388499), non-coding RNA;

gi|284005338|ref|NM\_001165252.1| Homo sapiens keratin associated protein 2-4-like (LOC730755), mRNA

gi|284005358|ref|NM\_001097597.2| Homo sapiens X antigen family, member 1C (XAGE1C), transcript varia

gi|284005396|ref|NR\_033252.1| Homo sapiens uncharacterized LOC145663 (LOC145663), non-coding RNA

gi|284005401|ref|NM\_198571.2| Homo sapiens N-acetyltransferase 16 (GCN5-related, putative) (NAT16), r

gi|284005405|ref|NM\_001005171.2| Homo sapiens olfactory receptor, family 52, subfamily K, member 1 (C

gi|284005409|ref|NM\_001004756.2| Homo sapiens olfactory receptor, family 51, subfamily M, member 1 (C

gi|284005413|ref|NM\_003417.4| Homo sapiens zinc finger protein 264 (ZNF264), mRNA;

gi|284005419|ref|NR\_026668.2| Homo sapiens uncharacterized LOC100286938 (LOC100286938), non-codi

gi|284005438|ref|NM\_001001922.2| Homo sapiens olfactory receptor, family 52, subfamily N, member 5 (C

gi|284005442|ref|NM\_001004719.2| Homo sapiens olfactory receptor, family 4, subfamily M, member 2 (C

gi|284005480|ref|NM\_004836.5| Homo sapiens eukaryotic translation initiation factor 2-alpha kinase 3 (EIF

gi|284005501|ref|NM\_001162936.1| Homo sapiens chromosome X open reading frame 68 (CXorf68), mRN

gi|284005503|ref|NR\_028349.1| Homo sapiens uncharacterized LOC100287834 (LOC100287834), non-codi

gi|284005542|ref|NM\_001171168.1| Homo sapiens calmodulin binding transcription activator 2 (CAMTA2),

gi|284055224|ref|NM\_170753.2| Homo sapiens piggyBac transposable element derived 3 (PGBD3), mRNA;

gi|284055229|ref|NM\_001097593.2| Homo sapiens X antigen family, member 1A (XAGE1A), transcript varia

gi|284055233|ref|NM\_001005272.3| Homo sapiens olfactory receptor, family 4, subfamily A, member 5 (O

gi|284055241|ref|NM\_001171192.1| Homo sapiens glycerophosphodiester phosphodiesterase domain con

gi|284055246|ref|NM\_004867.4| Homo sapiens integral membrane protein 2A (ITM2A), transcript variant :

gi|284055249|ref|NM\_017677.3| Homo sapiens myotubularin related protein 8 (MTMR8), mRNA;

gi|284055250|ref|NM\_174968.2| Homo sapiens ST3 beta-galactoside alpha-2,3-sialyltransferase 3 (ST3GAL

gi|284055257|ref|NM\_001005270.2| Homo sapiens olfactory receptor, family 4, subfamily C, member 12 (C

gi|284055258|ref|NR\_003034.2| Homo sapiens septin 7 pseudogene (LOC441601), non-coding RNA;

gi|284055259|ref|NM\_001005164.2| Homo sapiens olfactory receptor, family 52, subfamily E, member 2 (C

gi|284055261|ref|NM\_001005160.2| Homo sapiens olfactory receptor, family 52, subfamily A, member 5 (C

gi|284055262|ref|NM\_001005161.3| Homo sapiens olfactory receptor, family 52, subfamily B, member 4 (C

gi|284055268|ref|NR\_033254.1| Homo sapiens X antigen family, member 1B (XAGE1B), transcript variant c,

gi|284055272|ref|NM\_001005172.2| Homo sapiens olfactory receptor, family 52, subfamily K, member 2 (C

gi|284055277|ref|NM\_006027.4| Homo sapiens exonuclease 1 (EXO1), transcript variant 1, mRNA; gi|2840

gi|284055281|ref|NM\_005458.7| Homo sapiens gamma-aminobutyric acid (GABA) B receptor, 2 (GABBR2),

gi|284055286|ref|NM\_001097604.2| Homo sapiens X antigen family, member 1E (XAGE1E), transcript varia

gi|284055299|ref|NM\_016370.2| Homo sapiens RAB9B, member RAS oncogene family (RAB9B), mRNA;

gi|28416432|ref|NM\_018326.2| Homo sapiens GTPase, IMAP family member 4 (GIMAP4), mRNA;

gi|28416433|ref|NM\_175054.2| Homo sapiens histone cluster 4, H4 (HIST4H4), mRNA;

gi|28416434|ref|NM\_018209.2| Homo sapiens ADP-ribosylation factor GTPase activating protein 1 (ARFGAP1), mRNA;

gi|28416901|ref|NM\_003854.2| Homo sapiens interleukin 1 receptor-like 2 (IL1RL2), mRNA;

gi|28416914|ref|NM\_000588.3| Homo sapiens interleukin 3 (colony-stimulating factor, multiple) (IL3), mRNA;

gi|28416919|ref|NM\_012226.3| Homo sapiens purinergic receptor P2X, ligand-gated ion channel, 2 (P2RX2), mRNA;

gi|28416939|ref|NM\_016038.2| Homo sapiens Shwachman-Bodian-Diamond syndrome (SBDS), mRNA;

gi|28416941|ref|NM\_006938.2| Homo sapiens small nuclear ribonucleoprotein D1 polypeptide 16kDa (SNRPD1), mRNA;

gi|28416943|ref|NM\_003146.2| Homo sapiens structure specific recognition protein 1 (SSRP1), mRNA;

gi|28416950|ref|NM\_002183.2| Homo sapiens interleukin 3 receptor, alpha (low affinity) (IL3RA), mRNA;

gi|28416954|ref|NM\_001700.3| Homo sapiens azurocidin 1 (AZU1), mRNA;

gi|28416957|ref|NM\_032383.3| Homo sapiens Hermansky-Pudlak syndrome 3 (HPS3), mRNA;

gi|284172348|ref|NM\_002668.2| Homo sapiens proteolipid protein 2 (colonic epithelium-enriched) (PLP2), mRNA;

gi|284172353|ref|NM\_001001955.2| Homo sapiens olfactory receptor, family 4, subfamily C, member 13 (OR4C13), mRNA;

gi|284172355|ref|NM\_016200.4| Homo sapiens N(alpha)-acetyltransferase 38, NatC auxiliary subunit (NAA38), mRNA;

gi|284172400|ref|NM\_001004751.2| Homo sapiens olfactory receptor, family 51, subfamily D, member 1 (OR51D1), mRNA;

gi|284172409|ref|NM\_001024948.2| Homo sapiens formin binding protein 1-like (FNBP1L), transcript variant 1, mRNA;

gi|284172419|ref|NM\_001171606.1| Homo sapiens prolyl endopeptidase-like (PREPL), transcript variant 3, mRNA;

gi|284172434|ref|NM\_001004757.2| Homo sapiens olfactory receptor, family 51, subfamily Q, member 1 (OR51Q1), mRNA;

gi|284172435|ref|NM\_001004754.2| Homo sapiens olfactory receptor, family 51, subfamily I, member 2 (OR51I2), mRNA;

gi|284172436|ref|NM\_001005163.2| Homo sapiens olfactory receptor, family 52, subfamily D, member 1 (OR52D1), mRNA;

gi|284172439|ref|NM\_001005288.2| Homo sapiens olfactory receptor, family 51, subfamily I, member 1 (OR51I1), mRNA;

gi|284172468|ref|NM\_001171628.1| Homo sapiens vascular endothelial growth factor A (VEGFA), transcript variant 1, mRNA;

gi|284172482|ref|NM\_001171632.1| Homo sapiens nitric oxide synthase trafficker (NOSTRIN), transcript variant 1, mRNA;

gi|284172494|ref|NM\_138803.3| Homo sapiens coiled-coil domain containing 148 (CCDC148), transcript variant 1, mRNA;

gi|284172506|ref|NM\_018117.11| Homo sapiens WD repeat domain 11 (WDR11), mRNA;

gi|284172507|ref|NM\_001001917.2| Homo sapiens olfactory receptor, family 56, subfamily A, member 1 (OR56A1), mRNA;

gi|284172515|ref|NM\_014728.3| Homo sapiens FERM and PDZ domain containing 4 (FRMPD4), mRNA;

gi|284172516|ref|NM\_001004489.2| Homo sapiens olfactory receptor, family 2, subfamily AG, member 1 (OR2AG1), mRNA;

gi|284172517|ref|NM\_207186.2| Homo sapiens olfactory receptor, family 10, subfamily A, member 4 (OR10A4), mRNA;

gi|284172519|ref|NM\_198474.3| Homo sapiens olfactomedin-like 1 (OLFML1), mRNA;

gi|284172521|ref|NM\_175733.3| Homo sapiens synaptotagmin IX (SYT9), mRNA;

gi|284413677|ref|NM\_001004471.2| Homo sapiens olfactory receptor, family 10, subfamily Q, member 1 (OR10Q1), mRNA;

gi|284413701|ref|NM\_198582.3| Homo sapiens kelch-like 30 (Drosophila) (KLHL30), mRNA;

gi|284413710|ref|NM\_001005283.2| Homo sapiens olfactory receptor, family 9, subfamily Q, member 2 (OR9Q2), mRNA;

gi|284413712|ref|NM\_001005170.2| Homo sapiens olfactory receptor, family 52, subfamily I, member 2 (OR52I2), mRNA;

gi|284413733|ref|NM\_144708.3| Homo sapiens ankyrin and armadillo repeat containing (ANKAR), mRNA;

gi|284413739|ref|NM\_001004733.2| Homo sapiens olfactory receptor, family 5, subfamily B, member 12 (OR5B12), mRNA;

gi|284413744|ref|NM\_014795.3| Homo sapiens zinc finger E-box binding homeobox 2 (ZEB2), transcript variant 1, mRNA;

gi|284413749|ref|NM\_015990.4| Homo sapiens kelch-like 5 (Drosophila) (KLHL5), transcript variant 1, mRNA;

gi|284413777|ref|NM\_152614.2| Homo sapiens chromosome 2 open reading frame 57 (C2orf57), mRNA;

gi|284413795|ref|NM\_001005566.2| Homo sapiens olfactory receptor, family 5, subfamily B, member 2 (OR5B2), mRNA;

gi|284413808|ref|NM\_207374.3| Homo sapiens olfactory receptor, family 10, subfamily W, member 1 (OR10W1), mRNA;

gi|284447255|ref|NM\_001029996.3| Homo sapiens primary ciliary dyskinesia protein 1 (PCDP1), mRNA;

gi|284447269|ref|NM\_001005212.3| Homo sapiens olfactory receptor, family 9, subfamily Q, member 1 (OR9Q1), mRNA;

gi|284447286|ref|NM\_173647.3| Homo sapiens ring finger protein 149 (RNF149), mRNA;

gi|284447290|ref|NM\_207364.2| Homo sapiens G protein-coupled receptor 148 (GPR148), mRNA;

gi|284447293|ref|NM\_001077710.2| Homo sapiens family with sequence similarity 110, member C (FAM111), transcript variant 1, mRNA;

gi|284447313|ref|NM\_001171713.1| Homo sapiens F-box and leucine-rich repeat protein 2 (FBXL2), transcript variant 1, mRNA;

gi|284448549|ref|NM\_000398.6| Homo sapiens cytochrome b5 reductase 3 (CYB5R3), transcript variant 1, mRNA;

gi|284448555|ref|NM\_001171690.1| Homo sapiens glycine C-acetyltransferase (GCAT), nuclear gene encoding isoform 1, mRNA;

gi|284507294|ref|NM\_001171806.1| Homo sapiens PAP associated domain containing 7 (PAPD7), transcript variant 1, mRNA;

gi|284507296|ref|NM\_000274.3| Homo sapiens ornithine aminotransferase (OAT), nuclear gene encoding isoform 1, mRNA;

gi|284507302|ref|NM\_005905.5| Homo sapiens SMAD family member 9 (SMAD9), transcript variant b, mRNA;

gi|284520132|ref|NM\_001171799.1| Homo sapiens chromosome 8 open reading frame 83 (C8orf83), transcript variant 1, mRNA;

gi|284520156|ref|NM\_001011878.2| Homo sapiens defensin, beta 121 (DEFB121), transcript variant 1, mRNA;

gi|284520902|ref|NM\_001003682.3| Homo sapiens transmembrane protein 200B (TMEM200B), transcript variant 1, mRNA;

gi|284520905|ref|NM\_145205.4| Homo sapiens high mobility group box 4 (HMGB4), transcript variant 1, mRNA;

gi|284521570|ref|NM\_001171816.1| Homo sapiens ring finger protein 166 (RNF166), transcript variant 3, mRNA;

gi|28476828|ref|NR\_001280.1| Homo sapiens protocadherin beta 17 pseudogene (PCDHB17), non-coding RNA;

gi|28476829|ref|NR\_001278.1| Homo sapiens cytochrome P450, family 2, subfamily B, polypeptide 7 pseudogene (CYP2B7P), non-coding RNA;

gi|28476830|ref|NR\_001281.1| Homo sapiens protocadherin beta 18 pseudogene (PCDHB18), non-coding RNA;

gi|284795265|ref|NM\_021203.3| Homo sapiens signal recognition particle receptor, B subunit (SRPRB), mRNA;

gi|284795360|ref|NR\_033263.1| Homo sapiens C20orf166 antisense RNA 1 (non-protein coding) (C20orf166AS1), non-coding RNA;

gi|284795364|ref|NM\_201286.3| Homo sapiens ubiquitin specific peptidase 51 (USP51), mRNA;

gi|284807136|ref|NM\_138382.2| Homo sapiens ripply1 homolog (zebrafish) (RIPPLY1), transcript variant 1, mRNA;

gi|284807143|ref|NR\_033262.1| Homo sapiens proline rich Gla (G-carboxyglutamic acid) 3 (transmembrane protein) (PRG3), non-coding RNA;

gi|284807145|ref|NM\_177528.2| Homo sapiens sulfotransferase family, cytosolic, 1A, phenol-preferring, member 1 (SULT1A1), mRNA;

gi|284807149|ref|NM\_001171811.1| Homo sapiens glucosidase, beta, acid (GBA), transcript variant 4, mRNA;

gi|284807154|ref|NM\_001171818.1| Homo sapiens peroxisome proliferator-activated receptor delta (PPAR $\delta$ ), mRNA;

gi|284813498|ref|NM\_001004341.2| Homo sapiens ets variant 3-like (ETV3L), mRNA;

gi|284813499|ref|NM\_001004698.2| Homo sapiens olfactory receptor, family 2, subfamily W, member 5 (C1orf110), mRNA;

gi|284813500|ref|NR\_033266.1| Homo sapiens WAS protein family homolog 5 pseudogene (WASH5P), non-coding RNA;

gi|284813515|ref|NM\_001039152.3| Homo sapiens regulator of G-protein signaling 21 (RGS21), mRNA;

gi|284813528|ref|NM\_001171904.1| Homo sapiens Vpr (HIV-1) binding protein (VPRBP), transcript variant 1, mRNA;

gi|284813530|ref|NM\_002439.3| Homo sapiens mutS homolog 3 (E. coli) (MSH3), mRNA;

gi|284813537|ref|NM\_001171907.1| Homo sapiens chromosome X open reading frame 40A (CXorf40A), transcript variant 1, mRNA;

gi|284925115|ref|NM\_001039547.2| Homo sapiens glycerol kinase 5 (putative) (GK5), transcript variant 1, mRNA;

gi|284925139|ref|NM\_001171936.1| Homo sapiens cadherin-related 23 (CDH23), transcript variant 9, mRNA;

gi|284925160|ref|NM\_001171942.1| Homo sapiens glycine receptor, alpha 2 (GLRA2), transcript variant 4, mRNA;

gi|284925166|ref|NM\_001171945.1| Homo sapiens Sad1 and UNC84 domain containing 1 (SUN1), transcript variant 1, mRNA;

gi|285002198|ref|NM\_001171968.1| Homo sapiens cadherin-related family member 5 (CDHR5), transcript variant 1, mRNA;

gi|285002202|ref|NM\_033100.2| Homo sapiens cadherin-related family member 1 (CDHR1), transcript variant 1, mRNA;

gi|285002213|ref|NM\_001171976.1| Homo sapiens cadherin-related family member 2 (CDHR2), transcript variant 1, mRNA;

gi|285002221|ref|NM\_001037232.3| Homo sapiens zinc finger protein 829 (ZNF829), transcript variant 2, mRNA;

gi|285002230|ref|NM\_001083112.2| Homo sapiens glycerol-3-phosphate dehydrogenase 2 (mitochondrial) (GPD2), mRNA;

gi|285002256|ref|NM\_001010903.4| Homo sapiens chromosome 6 open reading frame 222 (C6orf222), mRNA;

gi|285002261|ref|NM\_001171992.1| Homo sapiens chromosome 6 open reading frame 223 (C6orf223), transcript variant 1, mRNA;

gi|285026440|ref|NM\_001171906.1| Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type 1 (NUPX1), mRNA;

gi|285026510|ref|NR\_033294.1| Homo sapiens small nucleolar RNA, C/D box 118 (SNORD118), small nuclear RNA;

gi|285026517|ref|NR\_033295.1| Homo sapiens small nucleolar RNA, C/D box 103B (SNORD103B), small nuclear RNA;

gi|285026518|ref|NM\_003194.4| Homo sapiens TATA box binding protein (TBP), transcript variant 1, mRNA;

gi|285394226|ref|NM\_001171951.1| Homo sapiens protease, serine, 37 (PRSS37), transcript variant 2, mRNA;

gi|285394827|ref|NM\_024805.2| Homo sapiens ribosome binding factor A (putative) (RBFA), nuclear gene encoding isoform 1, mRNA;

gi|285395212|ref|NM\_024803.2| Homo sapiens tubulin, alpha-like 3 (TUBAL3), transcript variant 1, mRNA;

gi|285397307|ref|NM\_024648.2| Homo sapiens chromosome 17 open reading frame 101 (C17orf101), tran

gi|285397576|ref|NM\_001171990.1| Homo sapiens SET domain containing 9 (SETD9), transcript variant 2, r

gi|285404464|ref|NM\_024069.3| Homo sapiens KxDL motif containing 1 (KXD1), transcript variant 2, mRNA

gi|28558970|ref|NM\_004830.2| Homo sapiens mediator complex subunit 23 (MED23), transcript variant 1,

gi|28558999|ref|NM\_170610.2| Homo sapiens histone cluster 1, H2ba (HIST1H2BA), mRNA;

gi|28559000|ref|NM\_004905.2| Homo sapiens peroxiredoxin 6 (PRDX6), mRNA;

gi|28559004|ref|NM\_003147.4| Homo sapiens synovial sarcoma, X breakpoint 2 (SSX2), transcript variant 1

gi|28559007|ref|NM\_021014.2| Homo sapiens synovial sarcoma, X breakpoint 3 (SSX3), transcript variant 1

gi|28559010|ref|NM\_005635.2| Homo sapiens synovial sarcoma, X breakpoint 1 (SSX1), mRNA;

gi|28559012|ref|NM\_175729.1| Homo sapiens synovial sarcoma, X breakpoint 4 (SSX4), transcript variant 2

gi|28559016|ref|NM\_175723.1| Homo sapiens synovial sarcoma, X breakpoint 5 (SSX5), transcript variant 2

gi|28559019|ref|NM\_173358.2| Homo sapiens synovial sarcoma, X breakpoint 7 (SSX7), mRNA;

gi|28559032|ref|NM\_000879.2| Homo sapiens interleukin 5 (colony-stimulating factor, eosinophil) (IL5), m

gi|28559077|ref|NM\_175841.1| Homo sapiens spermine oxidase (SMOX), transcript variant 3, mRNA; gi|28

gi|28559082|ref|NM\_019857.3| Homo sapiens CTP synthase II (CTPS2), transcript variant 1, mRNA; gi|2213

gi|28570169|ref|NM\_012378.1| Homo sapiens olfactory receptor, family 8, subfamily B, member 8 (OR8B8

gi|28610150|ref|NM\_002185.2| Homo sapiens interleukin 7 receptor (IL7R), mRNA;

gi|28626509|ref|NM\_020650.2| Homo sapiens reticulocalbin 3, EF-hand calcium binding domain (RCN3), m

gi|287326752|ref|NM\_001172132.1| Homo sapiens hemopoietic cell kinase (HCK), transcript variant 3, mR

gi|287334652|ref|NR\_033298.1| Homo sapiens coiled-coil domain containing 163, pseudogene (CCDC163P)

gi|28827773|ref|NM\_003845.1| Homo sapiens dual-specificity tyrosine-(Y)-phosphorylation regulated kinase

gi|28827817|ref|NR\_001283.1| Homo sapiens topoisomerase (DNA) I pseudogene 2 (TOP1P2), non-coding

gi|28830307|ref|NM\_006588.2| Homo sapiens sulfotransferase family, cytosolic, 1C, member 4 (SULT1C4),

gi|288541296|ref|NM\_130830.4| Homo sapiens leucine rich repeat containing 15 (LRRC15), transcript varia

gi|288541300|ref|NR\_033290.1| Homo sapiens family with sequence similarity 114, member A1 (FAM114A

gi|288541303|ref|NM\_001171873.1| Homo sapiens UDP glycosyltransferase 3 family, polypeptide A1 (UGT

gi|288541305|ref|NM\_080833.2| Homo sapiens chromosome 20 open reading frame 151 (C20orf151), mR

gi|288541309|ref|NM\_015633.2| Homo sapiens FGFR1 oncogene partner 2 (FGFR1OP2), transcript variant

gi|288541338|ref|NR\_033267.1| Homo sapiens FGFR1 oncogene partner 2 pseudogene (LOC100335030), n

gi|288541408|ref|NM\_001024598.3| Homo sapiens hairy and enhancer of split 3 (Drosophila) (HES3), mRN

gi|288541416|ref|NM\_025129.4| Homo sapiens fuzzy homolog (Drosophila) (FUZ), transcript variant 1, mR

gi|288541419|ref|NM\_001171940.1| Homo sapiens fibronectin type III domain containing 5 (FNDC5), trans

gi|288557233|ref|NM\_003425.3| Homo sapiens zinc finger protein 45 (ZNF45), mRNA;

gi|288557235|ref|NR\_033308.1| Homo sapiens RAB17, member RAS oncogene family (RAB17), transcript v

gi|288557241|ref|NM\_001172173.1| Homo sapiens cysteine-serine-rich nuclear protein 3 (CSRNP3), transc

gi|288557301|ref|NR\_033309.1| Homo sapiens small nucleolar RNA, H/ACA box 70F (retrotransposed) (SNC

gi|288557322|ref|NR\_033311.1| Homo sapiens casein alpha s2-like B, pseudogene (CSN1S2BP), non-coding

gi|288557325|ref|NR\_033313.1| Homo sapiens BDNF antisense RNA 1 (non-protein coding) (BDNF-AS1), tra

gi|288557336|ref|NM\_001172221.1| Homo sapiens sex comb on midleg homolog 1 (Drosophila) (SCMH1),

gi|288557344|ref|NM\_001172223.1| Homo sapiens MOB kinase activator 2 (MOB2), transcript variant 1, m

gi|288557346|ref|NM\_030797.3| Homo sapiens family with sequence similarity 49, member A (FAM49A), n

gi|288557356|ref|NM\_178562.3| Homo sapiens tetraspanin 33 (TSPAN33), mRNA;

gi|288557357|ref|NM\_001010980.4| Homo sapiens chromosome 1 open reading frame 130 (C1orf130), m

gi|288683057|ref|NR\_033319.1| Homo sapiens myocardial infarction associated transcript (non-protein co

gi|288683592|ref|NM\_001007551.3| Homo sapiens cancer/testis antigen family 45, member A5 (CT45A5),

gi|288683877|ref|NM\_001012979.2| Homo sapiens transcription elongation factor A (SII)-like 5 (TCEAL5), n

gi|288684102|ref|NM\_001172292.1| Homo sapiens NIPA-like domain containing 4 (NIPAL4), transcript vari

gi|28872718|ref|NM\_006763.2| Homo sapiens BTG family, member 2 (BTG2), mRNA;

gi|28872724|ref|NM\_002815.2| Homo sapiens proteasome (prosome, macropain) 26S subunit, non-ATPase

gi|28872737|ref|NM\_176794.1| Homo sapiens mitochondrial ribosomal protein L43 (MRPL43), nuclear gen

gi|28872741|ref|NM\_002563.2| Homo sapiens purinergic receptor P2Y, G-protein coupled, 1 (P2RY1), mRN

gi|28872744|ref|NM\_176072.1| Homo sapiens purinergic receptor P2Y, G-protein coupled, 2 (P2RY2), trans

gi|28872747|ref|NM\_033445.2| Homo sapiens histone cluster 3, H2a (HIST3H2A), mRNA;

gi|28872748|ref|NM\_175055.2| Homo sapiens histone cluster 3, H2bb (HIST3H2BB), mRNA;

gi|28872749|ref|NM\_017434.3| Homo sapiens dual oxidase 1 (DUOX1), transcript variant 1, mRNA; gi|2887

gi|28872779|ref|NM\_175867.1| Homo sapiens DNA (cytosine-5-)-methyltransferase 3-like (DNMT3L), trans

gi|28872781|ref|NM\_016408.2| Homo sapiens CDK5 regulatory subunit associated protein 1 (CDK5RAP1), t

gi|28872791|ref|NM\_176096.1| Homo sapiens CDK5 regulatory subunit associated protein 3 (CDK5RAP3), r

gi|28872801|ref|NM\_001212.3| Homo sapiens complement component 1, q subcomponent binding protein

gi|288806583|ref|NM\_032520.4| Homo sapiens N-acetylglucosamine-1-phosphate transferase, gamma sub

gi|288806586|ref|NM\_001172303.1| Homo sapiens microtubule associated serine/threonine kinase-like (N

gi|28882032|ref|NM\_176882.1| Homo sapiens taste receptor, type 2, member 40 (TAS2R40), mRNA;

gi|28882034|ref|NM\_176888.1| Homo sapiens taste receptor, type 2, member 19 (TAS2R19), mRNA;

gi|288856242|ref|NM\_001144010.2| Homo sapiens SLIT and NTRK-like family, member 2 (SLITRK2), transcr

gi|288856255|ref|NM\_207581.3| Homo sapiens dual oxidase maturation factor 2 (DUOXA2), mRNA;

gi|288856272|ref|NM\_173690.4| Homo sapiens suppressor of cancer cell invasion (SCAI), transcript variant

gi|288856298|ref|NM\_000542.3| Homo sapiens surfactant protein B (SFTPB), transcript variant 1, mRNA; gi

gi|288915520|ref|NM\_001172410.1| Homo sapiens surfactant protein C (SFTPC), transcript variant 2, mRN

gi|288915523|ref|NM\_001010986.2| Homo sapiens ATPase, class VI, type 11C (ATP11C), transcript variant :

gi|288915524|ref|NM\_004323.5| Homo sapiens BCL2-associated athanogene (BAG1), transcript variant 1, r

gi|288915528|ref|NM\_001172418.1| Homo sapiens BTB (POZ) domain containing 9 (BTBD9), transcript vari

gi|288915538|ref|NM\_001172335.1| Homo sapiens plastin 3 (PLS3), transcript variant 3, mRNA; gi|288915

gi|288915541|ref|NM\_014740.3| Homo sapiens eukaryotic translation initiation factor 4A3 (EIF4A3), mRNA

gi|289063385|ref|NM\_001172420.1| Homo sapiens EF-hand domain (C-terminal) containing 1 (EFHC1), trar

gi|289063398|ref|NM\_001172425.1| Homo sapiens left-right determination factor 2 (LEFTY2), transcript va

gi|289063411|ref|NR\_033329.1| Homo sapiens kelch-like 7 (Drosophila) (KLHL7), transcript variant 5, non-c

gi|289063421|ref|NM\_001172432.1| Homo sapiens phosphorylase kinase, gamma 2 (testis) (PHKG2), trans

gi|289063427|ref|NM\_138701.3| Homo sapiens M-phase specific PLK1 interacting protein (MPLKIP), mRNA

gi|289063428|ref|NM\_001357.4| Homo sapiens DEAH (Asp-Glu-Ala-His) box polypeptide 9 (DHX9), transcrip

gi|289063432|ref|NM\_001172439.1| Homo sapiens endonuclease, polyU-specific (ENDOU), transcript varia

gi|289063450|ref|NM\_172217.3| Homo sapiens interleukin 16 (IL16), transcript variant 2, mRNA; gi|28906

gi|289063461|ref|NM\_013437.4| Homo sapiens low density lipoprotein receptor-related protein 12 (LRP12

gi|289063480|ref|NM\_001172110.1| Homo sapiens SUMO/sentrin specific peptidase family member 8 (SEI

gi|289177042|ref|NM\_181538.2| Homo sapiens gap junction protein, gamma 3, 30.2kDa (GJC3), mRNA;

gi|289177075|ref|NM\_001172478.1| Homo sapiens ribonucleotide reductase M2 B (TP53 inducible) (RRM2

gi|289177130|ref|NR\_031705.1| Homo sapiens microRNA 664 (MIR664), microRNA;

gi|289177178|ref|NR\_030753.1| Homo sapiens microRNA 615 (MIR615), microRNA;

gi|289177181|ref|NR\_030754.1| Homo sapiens microRNA 622 (MIR622), microRNA;

gi|289177184|ref|NR\_030755.1| Homo sapiens microRNA 650 (MIR650), microRNA;

gi|289177194|ref|NM\_019098.4| Homo sapiens cyclic nucleotide gated channel beta 3 (CNGB3), mRNA;

gi|289177195|ref|NR\_030760.1| Homo sapiens microRNA 936 (MIR936), microRNA;

gi|289191312|ref|NM\_001017371.4| Homo sapiens Sp3 transcription factor (SP3), transcript variant 2, mRN

gi|289191317|ref|NM\_001172575.1| Homo sapiens microcephalin 1 (MCPH1), transcript variant 3, mRNA; ;

gi|289191350|ref|NM\_001172501.1| Homo sapiens solute carrier family 6 (neurotransmitter transporter, n

gi|289191354|ref|NR\_030741.1| Homo sapiens microRNA 9-2 (MIR9-2), microRNA;

gi|289191373|ref|NM\_017866.5| Homo sapiens transmembrane protein 70 (TMEM70), nuclear gene encod

gi|289191384|ref|NR\_033335.1| Homo sapiens small nucleolar RNA, H/ACA box 70G (retrotransposed) (SN

gi|289191385|ref|NM\_001172557.1| Homo sapiens golgin A3 (GOLGA3), transcript variant 2, mRNA; gi|871

gi|289191401|ref|NM\_001145159.2| Homo sapiens integrator complex subunit 9 (INTS9), transcript variant

gi|289191467|ref|NR\_033337.1| Homo sapiens small nucleolar RNA, H/ACA box 70D (retrotransposed) (SN

gi|289546652|ref|NM\_001172569.1| Homo sapiens myeloid differentiation primary response gene (88) (M

gi|289547197|ref|NM\_001172412.1| Homo sapiens vang-like 1 (van gogh, Drosophila) (VANGL1), transcript

gi|289547201|ref|NM\_001172416.1| Homo sapiens potassium inwardly-rectifying channel, subfamily J, me

gi|289547208|ref|NM\_003849.3| Homo sapiens succinate-CoA ligase, alpha subunit (SUCLG1), nuclear gene

gi|289547210|ref|NM\_012233.2| Homo sapiens RAB3 GTPase activating protein subunit 1 (catalytic) (RAB3

gi|289547497|ref|NM\_001172626.1| Homo sapiens adenosine monophosphate deaminase 1 (AMPD1), tra

gi|289547506|ref|NM\_001172630.1| Homo sapiens Rho GTPase activating protein 33 (ARHGAP33), transcri

gi|289547511|ref|NM\_014834.4| Homo sapiens leucine rich repeat containing 37A (LRRC37A), mRNA;

gi|289547514|ref|NM\_014844.3| Homo sapiens tectonin beta-propeller repeat containing 2 (TECPR2), tran

gi|289547522|ref|NM\_001142615.2| Homo sapiens EH domain binding protein 1 (EHBP1), transcript varian

gi|289547523|ref|NM\_001002814.2| Homo sapiens RAB11 family interacting protein 1 (class I) (RAB11FIP1

gi|289547539|ref|NR\_033338.1| Homo sapiens chromosome 17 open reading frame 70 (C17orf70), transcr

gi|289547540|ref|NM\_001042683.2| Homo sapiens SNF2 histone linker PHD RING helicase, E3 ubiquitin pro

gi|289547544|ref|NM\_001039374.4| Homo sapiens KIAA1984 (KIAA1984), mRNA;

gi|289547552|ref|NR\_033339.1| Homo sapiens CTBP1 antisense RNA 1 (non-protein coding) (CTBP1-AS1), r

gi|289547555|ref|NM\_152405.4| Homo sapiens junction mediating and regulatory protein, p53 cofactor (JF

gi|289547559|ref|NM\_152283.4| Homo sapiens zinc finger protein 62 homolog (mouse) (ZFP62), transcript

gi|289547567|ref|NM\_001172640.1| Homo sapiens CUGBP, Elav-like family member 1 (CELF1), transcript v

gi|289547572|ref|NM\_022114.3| Homo sapiens PR domain containing 16 (PRDM16), transcript variant 1, n

gi|289547579|ref|NM\_001080528.2| Homo sapiens uncharacterized LOC646498 (LOC646498), mRNA;

gi|289547581|ref|NM\_002548.2| Homo sapiens olfactory receptor, family 1, subfamily D, member 2 (OR1D

gi|289547584|ref|NM\_002550.2| Homo sapiens olfactory receptor, family 3, subfamily A, member 1 (OR3A

gi|289547592|ref|NM\_015265.3| Homo sapiens SATB homeobox 2 (SATB2), transcript variant 2, mRNA; gi|

gi|289547593|ref|NM\_001172646.1| Homo sapiens phospholipase C, beta 4 (PLCB4), transcript variant 3, n

gi|289547600|ref|NM\_007185.4| Homo sapiens CUGBP, Elav-like family member 3 (CELF3), transcript varia

gi|289547610|ref|NM\_001172651.1| Homo sapiens zinc finger protein 177 (ZNF177), transcript variant 1, n

gi|289547614|ref|NM\_013398.2| Homo sapiens zinc finger protein 224 (ZNF224), mRNA;

gi|289547619|ref|NR\_033341.1| Homo sapiens uncharacterized LOC100379224 (LOC100379224), non-codi

gi|289547622|ref|NM\_014565.2| Homo sapiens olfactory receptor, family 1, subfamily A, member 1 (OR1A

gi|289547626|ref|NM\_012373.2| Homo sapiens olfactory receptor, family 3, subfamily A, member 3 (OR3A

gi|289547632|ref|NM\_001172654.1| Homo sapiens leukocyte immunoglobulin-like receptor, subfamily A (v

gi|289547635|ref|NM\_016546.2| Homo sapiens complement component 1, r subcomponent-like (C1RL), m

gi|289547639|ref|NM\_001172655.1| Homo sapiens zinc finger protein 701 (ZNF701), transcript variant 1, n

gi|289547653|ref|NM\_001172660.1| Homo sapiens zinc finger, FYVE domain containing 28 (ZFYVE28), tran

gi|289547659|ref|NM\_021168.4| Homo sapiens RAB40C, member RAS oncogene family (RAB40C), transcrip

gi|289547673|ref|NM\_016490.4| Homo sapiens family with sequence similarity 178, member B (FAM178B)

gi|289547683|ref|NM\_001172670.1| Homo sapiens zinc finger protein 668 (ZNF668), transcript variant 4, n

gi|289547685|ref|NM\_001031721.3| Homo sapiens zinc finger protein 613 (ZNF613), transcript variant 1, n

gi|289547691|ref|NM\_001172671.1| Homo sapiens zinc finger protein 430 (ZNF430), transcript variant 2, n

gi|289547695|ref|NM\_033057.2| Homo sapiens olfactory receptor, family 2, subfamily B, member 2 (OR2B

gi|289547697|ref|NM\_001172673.1| Homo sapiens CUGBP, Elav-like family member 5 (CELF5), transcript v  
 gi|289547704|ref|NM\_001172675.1| Homo sapiens zinc finger protein 347 (ZNF347), transcript variant 2, n  
 gi|289547709|ref|NM\_032689.4| Homo sapiens zinc finger protein 607 (ZNF607), transcript variant 1, mRN  
 gi|289547715|ref|NM\_152279.3| Homo sapiens zinc finger protein 585B (ZNF585B), mRNA;  
 gi|289547717|ref|NM\_033410.3| Homo sapiens zinc finger protein 764 (ZNF764), transcript variant 1, mRN  
 gi|289547724|ref|NM\_138783.3| Homo sapiens zinc finger protein 653 (ZNF653), mRNA;  
 gi|289547726|ref|NM\_024584.4| Homo sapiens coiled-coil domain containing 121 (CCDC121), transcript va  
 gi|289547730|ref|NM\_152320.2| Homo sapiens zinc finger protein 641 (ZNF641), transcript variant 1, mRN  
 gi|289547742|ref|NM\_001172685.1| Homo sapiens CUGBP, Elav-like family member 6 (CELF6), transcript v  
 gi|289547751|ref|NM\_001053.3| Homo sapiens somatostatin receptor 5 (SSTR5), transcript variant 1, mRN  
 gi|289547758|ref|NR\_033343.1| Homo sapiens prostate stem cell antigen (PSCA), transcript variant 2, non-  
 gi|289577052|ref|NM\_001172688.1| Homo sapiens golgi-associated, gamma adaptin ear containing, ARF bi  
 gi|289577058|ref|NM\_001172689.1| Homo sapiens zinc finger protein 573 (ZNF573), transcript variant 2, n  
 gi|289577081|ref|NM\_015044.4| Homo sapiens golgi-associated, gamma adaptin ear containing, ARF bindi  
 gi|289577087|ref|NM\_133263.3| Homo sapiens peroxisome proliferator-activated receptor gamma, coacti  
 gi|289577097|ref|NM\_001172700.1| Homo sapiens shroom family member 1 (SHROOM1), transcript varia  
 gi|289577099|ref|NM\_152423.4| Homo sapiens melanoma associated antigen (mutated) 1-like 1 (MUM1L1  
 gi|289577103|ref|NM\_001172702.1| Homo sapiens solute carrier family 38, member 6 (SLC38A6), transcrip  
 gi|289577108|ref|NM\_001172703.1| Homo sapiens golgi-associated, gamma adaptin ear containing, ARF bi  
 gi|289577115|ref|NM\_001172705.1| Homo sapiens eukaryotic translation initiation factor 4 gamma, 2 (EIF-  
 gi|289577133|ref|NM\_001172713.1| Homo sapiens golgin A4 (GOLGA4), transcript variant 1, mRNA; gi|289  
 gi|289577264|ref|NM\_002181.3| Homo sapiens Indian hedgehog (IHH), mRNA;  
 gi|289629233|ref|NR\_033346.1| Homo sapiens BOK antisense RNA 1 (non-protein coding) (BOK-AS1), antis  
 gi|289629234|ref|NR\_033347.1| Homo sapiens small nucleolar RNA, H/ACA box 70E (retrotransposed) (SNC  
 gi|289629238|ref|NM\_001004063.2| Homo sapiens olfactory receptor, family 4, subfamily K, member 1 (Ol  
 gi|289629248|ref|NM\_001172735.1| Homo sapiens protein phosphatase 1, regulatory subunit 16B (PPP1R:  
 gi|289629264|ref|NM\_001172745.1| Homo sapiens Sec23 homolog B (S. cerevisiae) (SEC23B), transcript va  
 gi|289666735|ref|NR\_033350.1| Homo sapiens golgin A8 family, member E (GOLGA8E), non-coding RNA;  
 gi|289666742|ref|NR\_033351.1| Homo sapiens golgin A8 family, member F (GOLGA8F), non-coding RNA;  
 gi|289666744|ref|NR\_033353.1| Homo sapiens golgin A8 family, member G (GOLGA8G), non-coding RNA;  
 gi|289666745|ref|NM\_153350.3| Homo sapiens F-box and leucine-rich repeat protein 16 (FBXL16), mRNA;  
 gi|289666751|ref|NM\_001172772.1| Homo sapiens interleukin 34 (IL34), transcript variant 3, mRNA; gi|28  
 gi|289666753|ref|NM\_152909.3| Homo sapiens zinc finger protein 548 (ZNF548), transcript variant 2, mRN  
 gi|289666757|ref|NM\_207325.2| Homo sapiens dpy-19-like 3 (C. elegans) (DPY19L3), transcript variant 1, n  
 gi|289666763|ref|NM\_001172775.1| Homo sapiens zinc finger protein 555 (ZNF555), transcript variant 2, n  
 gi|289666777|ref|NM\_153353.4| Homo sapiens leucine rich repeat containing 34 (LRRC34), transcript varia  
 gi|289666792|ref|NM\_145287.3| Homo sapiens zinc finger protein 519 (ZNF519), transcript variant 1, mRN  
 gi|28973789|ref|NR\_001285.1| Homo sapiens small nucleolar RNA, C/D box 35B (SNORD35B), small nucleo  
 gi|28973794|ref|NM\_177437.1| Homo sapiens taste receptor, type 2, member 60 (TAS2R60), mRNA;  
 gi|289802978|ref|NM\_014141.5| Homo sapiens contactin associated protein-like 2 (CNTNAP2), mRNA;  
 gi|289802993|ref|NM\_016360.3| Homo sapiens translational activator of mitochondrially encoded cytochr  
 gi|289802996|ref|NM\_001172810.1| Homo sapiens dynein, axonemal, intermediate chain 2 (DNAI2), transi  
 gi|289802999|ref|NM\_033158.4| Homo sapiens hyaluronoglucosaminidase 2 (HYAL2), transcript variant 2,  
 gi|289803001|ref|NM\_032647.3| Homo sapiens chromobox homolog 2 (CBX2), transcript variant 2, mRNA;  
 gi|289803006|ref|NM\_001172813.1| Homo sapiens solute carrier family 30 (zinc transporter), member 8 (S  
 gi|289803014|ref|NM\_002471.3| Homo sapiens myosin, heavy chain 6, cardiac muscle, alpha (MYH6), mRN  
 gi|289803019|ref|NM\_001080410.2| Homo sapiens F-box protein 41 (FBXO41), mRNA;



gi|289803021|ref|NM\_173672.4| Homo sapiens peptidylprolyl isomerase (cyclophilin)-like 6 (PPIL6), transcript variant 1, mRNA;

gi|29029551|ref|NM\_177405.1| Homo sapiens cat eye syndrome chromosome region, candidate 1 (CECR1), mRNA;

gi|29029553|ref|NM\_024649.4| Homo sapiens Bardet-Biedl syndrome 1 (BBS1), mRNA;

gi|29029588|ref|NM\_177434.1| Homo sapiens FtsJ homolog 1 (E. coli) (FTSJ1), transcript variant 2, mRNA; gi|29029594|ref|NM\_014619.2| Homo sapiens glutamate receptor, ionotropic, kainate 4 (GRIK4), mRNA;

gi|29029596|ref|NM\_002088.3| Homo sapiens glutamate receptor, ionotropic, kainate 5 (GRIK5), mRNA;

gi|29029598|ref|NM\_006639.2| Homo sapiens cysteinyl leukotriene receptor 1 (CYSLTR1), mRNA;

gi|29029599|ref|NM\_020377.2| Homo sapiens cysteinyl leukotriene receptor 2 (CYSLTR2), mRNA;

gi|29029603|ref|NM\_022788.3| Homo sapiens purinergic receptor P2Y, G-protein coupled, 12 (P2RY12), transcript variant 1, mRNA;

gi|29029607|ref|NM\_176796.1| Homo sapiens pyrimidinergic receptor P2Y, G-protein coupled, 6 (P2RY6), transcript variant 1, mRNA;

gi|29029617|ref|NM\_175742.1| Homo sapiens melanoma antigen family A, 2 (MAGEA2), transcript variant 1, mRNA;

gi|29029622|ref|NM\_005362.3| Homo sapiens melanoma antigen family A, 3 (MAGEA3), mRNA;

gi|29029626|ref|NM\_175868.1| Homo sapiens melanoma antigen family A, 6 (MAGEA6), transcript variant 1, mRNA;

gi|290463103|ref|NM\_001172819.1| Homo sapiens phosphoglucomutase 1 (PGM1), transcript variant 3, mRNA;

gi|290463105|ref|NM\_003836.5| Homo sapiens delta-like 1 homolog (Drosophila) (DLK1), mRNA;

gi|290463107|ref|NM\_006351.3| Homo sapiens translocase of inner mitochondrial membrane 44 homolog (LOC100289019), mRNA;

gi|290463439|ref|NM\_054023.4| Homo sapiens secretoglobin, family 3A, member 2 (SCGB3A2), mRNA;

gi|290463440|ref|NM\_001145451.2| Homo sapiens Rho guanine nucleotide exchange factor (GEF) 33 (ARHGEF33), mRNA;

gi|290491127|ref|NM\_053016.5| Homo sapiens paralemmin 2 (PALM2), transcript variant 1, mRNA; gi|290542335|ref|NM\_001172831.1| Homo sapiens zinc finger protein 300 (ZNF300), transcript variant 1, non-coding RNA;

gi|290542346|ref|NM\_004239.3| Homo sapiens thyroid hormone receptor interactor 11 (TRIP11), mRNA;

gi|290542358|ref|NM\_001172895.1| Homo sapiens caveolin 1, caveolae protein, 22kDa (CAV1), transcript variant 1, mRNA;

gi|290543308|ref|NM\_001145082.2| Homo sapiens zinc finger protein 619 (ZNF619), transcript variant 1, non-coding RNA;

gi|290543311|ref|NM\_001145472.2| Homo sapiens lipoxygenase homology domains 1 (LOXHD1), transcript variant 1, non-coding RNA;

gi|290543493|ref|NR\_033356.1| Homo sapiens RNA, Ro-associated Y4 pseudogene 8 (RNY4P8), small nuclear RNA;

gi|290543590|ref|NM\_001172828.1| Homo sapiens YTH domain family, member 2 (YTHDF2), transcript variant 1, mRNA;

gi|290560660|ref|NM\_001017395.3| Homo sapiens transmembrane and coiled-coil domain family 1 (TMCC1), mRNA;

gi|290560667|ref|NM\_001033503.2| Homo sapiens SAR1 homolog B (S. cerevisiae) (SAR1B), transcript variant 1, mRNA;

gi|290560672|ref|NM\_004441.4| Homo sapiens EPH receptor B1 (EPHB1), mRNA;

gi|290560747|ref|NR\_033362.1| Homo sapiens ATG12 autophagy related 12 homolog (S. cerevisiae) (ATG12), mRNA;

gi|290560748|ref|NM\_002003.3| Homo sapiens ficolin (collagen/fibrinogen domain containing) 1 (FCN1), non-coding RNA;

gi|290562712|ref|NM\_133459.3| Homo sapiens collagen and calcium binding EGF domains 1 (CCBE1), mRNA;

gi|290641374|ref|NM\_001039091.2| Homo sapiens phosphoribosyl pyrophosphate synthetase 2 (PRPS2), transcript variant 1, mRNA;

gi|290642881|ref|NM\_015072.4| Homo sapiens tubulin tyrosine ligase-like family, member 5 (TTLL5), mRNA;

gi|290645488|ref|NM\_017413.4| Homo sapiens apelin (APLN), mRNA;

gi|290648026|ref|NM\_005044.4| Homo sapiens protein kinase, X-linked (PRKX), mRNA;

gi|290655728|ref|NM\_001172624.1| Homo sapiens neogenin 1 (NEO1), transcript variant 3, mRNA; gi|290657145|ref|NM\_001172644.1| Homo sapiens thymidine kinase 2, mitochondrial (TK2), nuclear gene transcript variant 1, mRNA;

gi|290662162|ref|NM\_001172743.1| Homo sapiens retinoic acid induced 2 (RAI2), transcript variant 1, mRNA;

gi|290746379|ref|NM\_001173425.1| Homo sapiens deafness, autosomal recessive 31 (DFNB31), transcript variant 1, mRNA;

gi|291042663|ref|NM\_001164692.2| Homo sapiens leukotriene B4 receptor 2 (LTBR2), transcript variant 1, mRNA;

gi|291042666|ref|NM\_014643.3| Homo sapiens zinc finger protein 516 (ZNF516), mRNA;

gi|291042695|ref|NM\_006775.2| Homo sapiens QKI, KH domain containing, RNA binding (QKI), transcript variant 1, mRNA;

gi|291045116|ref|NR\_033369.1| Homo sapiens uncharacterized LOC100144597 (LOC100144597), non-coding RNA;

gi|291045123|ref|NM\_001173461.1| Homo sapiens shisa homolog 6 (Xenopus laevis) (SHISA6), transcript variant 1, mRNA;

gi|291045126|ref|NR\_033373.1| Homo sapiens uncharacterized FLJ39534 (FLJ39534), non-coding RNA;

gi|291045127|ref|NR\_033374.1| Homo sapiens uncharacterized LOC100289019 (LOC100289019), non-coding RNA;

gi|291045128|ref|NR\_033375.1| Homo sapiens long intergenic non-protein coding RNA 226 (LINC00226), n  
 gi|291045130|ref|NR\_033376.1| Homo sapiens long intergenic non-protein coding RNA 222 (LINC00222), n  
 gi|291045131|ref|NR\_033377.1| Homo sapiens uncharacterized LOC400932 (FLJ46257), non-coding RNA;  
 gi|291045134|ref|NR\_033378.1| Homo sapiens uncharacterized LOC100288428 (LOC100288428), non-codi  
 gi|291045135|ref|NR\_033379.1| Homo sapiens uncharacterized LOC401242 (LOC401242), non-coding RNA,  
 gi|291045139|ref|NR\_033380.1| Homo sapiens CD99 molecule pseudogene 1 (CD99P1), transcript variant 1  
 gi|291045142|ref|NR\_033383.1| Homo sapiens tumor antigen gene (TAG), non-coding RNA;  
 gi|291045179|ref|NM\_004192.3| Homo sapiens acetylserotonin O-methyltransferase-like (ASMTL), transcri  
 gi|291045187|ref|NM\_001142386.2| Homo sapiens pyruvate dehydrogenase kinase, isozyme 3 (PDK3), nuc  
 gi|291045193|ref|NM\_001173480.1| Homo sapiens Cdc42 guanine nucleotide exchange factor (GEF) 9 (ARL  
 gi|291045197|ref|NM\_001173482.1| Homo sapiens cereblon (CRBN), transcript variant 2, mRNA; gi|291045198|  
 gi|291045199|ref|NM\_012069.4| Homo sapiens ATPase, Na<sup>+</sup>/K<sup>+</sup> transporting, beta 4 polypeptide (ATP1B4)  
 gi|291045202|ref|NM\_020884.3| Homo sapiens myosin, heavy chain 7B, cardiac muscle, beta (MYH7B), mF  
 gi|291045203|ref|NM\_016937.3| Homo sapiens polymerase (DNA directed), alpha 1, catalytic subunit (POL  
 gi|291045205|ref|NM\_022789.3| Homo sapiens interleukin 25 (IL25), transcript variant 1, mRNA; gi|274771  
 gi|291045206|ref|NM\_145200.3| Homo sapiens calcium binding protein 4 (CABP4), mRNA;  
 gi|291045209|ref|NM\_000206.2| Homo sapiens interleukin 2 receptor, gamma (IL2RG), mRNA;  
 gi|291045210|ref|NM\_020932.2| Homo sapiens melanoma antigen family E, 1 (MAGEE1), mRNA;  
 gi|291045218|ref|NM\_139055.2| Homo sapiens ADAM metallopeptidase with thrombospondin type 1 mot  
 gi|291045226|ref|NM\_133379.3| Homo sapiens titin (TTN), transcript variant novex-3, mRNA; gi|291045227|  
 gi|291045235|ref|NM\_144765.2| Homo sapiens myelin protein zero-like 2 (MPZL2), transcript variant 2, mF  
 gi|291045241|ref|NM\_080801.3| Homo sapiens collagen, type XIII, alpha 1 (COL13A1), transcript variant 5,  
 gi|291045245|ref|NM\_003807.3| Homo sapiens tumor necrosis factor (ligand) superfamily, member 14 (TN  
 gi|291045258|ref|NM\_001042631.2| Homo sapiens succinate dehydrogenase complex assembly factor 1 (S  
 gi|291045265|ref|NM\_052883.1| Homo sapiens thioredoxin reductase 3 (TXNRD3), transcript variant 1, mR  
 gi|291045275|ref|NR\_033390.1| Homo sapiens TYRO protein tyrosine kinase binding protein (TYROBP), tra  
 gi|291045288|ref|NM\_006205.2| Homo sapiens phosphodiesterase 6H, cGMP-specific, cone, gamma (PDE6  
 gi|291045293|ref|NM\_001128835.2| Homo sapiens trafficking protein particle complex 2 (TRAPPC2), transi  
 gi|291045297|ref|NR\_033371.1| Homo sapiens CMT1A duplicated region transcript 7 (non-protein coding)  
 gi|291045300|ref|NM\_018328.4| Homo sapiens methyl-CpG binding domain protein 5 (MBD5), mRNA;  
 gi|291045306|ref|NM\_001173466.1| Homo sapiens achalasia, adrenocortical insufficiency, alacrimia (AAAS  
 gi|291045309|ref|NR\_033384.1| Homo sapiens pyruvate dehydrogenase (lipoamide) beta (PDHB), transcrip  
 gi|291045310|ref|NM\_001007255.2| Homo sapiens kelch domain containing 9 (KLHDC9), transcript variant  
 gi|291045312|ref|NR\_033387.1| Homo sapiens ADARB2 antisense RNA 1 (non-protein coding) (ADARB2-AS  
 gi|291045420|ref|NM\_015678.4| Homo sapiens neurobeachin (NBEA), transcript variant 1, mRNA; gi|3235  
 gi|291045432|ref|NM\_199177.2| Homo sapiens mitochondrial ribosome recycling factor (MRRF), nuclear g  
 gi|291045449|ref|NR\_033368.1| Homo sapiens GRIK1 antisense RNA 2 (non-protein coding) (GRIK1-AS2), n  
 gi|291045450|ref|NR\_033370.1| Homo sapiens uncharacterized LOC63930 (LOC63930), non-coding RNA;  
 gi|291045458|ref|NM\_015267.3| Homo sapiens cut-like homeobox 2 (CUX2), mRNA;  
 gi|291084495|ref|NM\_005726.5| Homo sapiens Ts translation elongation factor, mitochondrial (TSFM), nuc  
 gi|291084504|ref|NM\_001173487.1| Homo sapiens NFkB repressing factor (NKRF), transcript variant 1, mR  
 gi|291084509|ref|NR\_028370.1| Homo sapiens PCNA antisense RNA 1 (non-protein coding) (PCNA-AS1), no  
 gi|291084510|ref|NR\_028371.1| Homo sapiens FAS antisense RNA 1 (non-protein coding) (FAS-AS1), non-c  
 gi|291084533|ref|NM\_001173431.1| Homo sapiens obscurin-like 1 (OBSL1), transcript variant 2, mRNA; gi|  
 gi|291084569|ref|NM\_001173516.1| Homo sapiens MAP7 domain containing 3 (MAP7D3), transcript variat  
 gi|291084644|ref|NR\_033393.1| Homo sapiens TROVE domain family, member 2 (TROVE2), non-coding RN  
 gi|291084722|ref|NM\_017774.3| Homo sapiens CDK5 regulatory subunit associated protein 1-like 1 (CDKAI

gi|291084756|ref|NM\_001173456.1| Homo sapiens pyruvate dehydrogenase (lipoamide) alpha 1 (PDHA1),

gi|291084802|ref|NM\_001173543.1| Homo sapiens BTG3 associated nuclear protein (BANP), transcript var

gi|291167743|ref|NM\_178468.4| Homo sapiens family with sequence similarity 83, member C (FAM83C), n

gi|291167748|ref|NM\_024721.4| Homo sapiens zinc finger homeobox 4 (ZFHX4), mRNA;

gi|291167753|ref|NM\_012310.4| Homo sapiens kinesin family member 4A (KIF4A), mRNA;

gi|291167763|ref|NM\_001173465.1| Homo sapiens kinesin family member 21A (KIF21A), transcript variant

gi|291167770|ref|NM\_001004326.4| Homo sapiens solute carrier family 22, member 20 (SLC22A20), trans

gi|291167795|ref|NM\_007186.3| Homo sapiens centrosomal protein 250kDa (CEP250), mRNA;

gi|291167798|ref|NM\_003248.4| Homo sapiens thrombospondin 4 (THBS4), mRNA;

gi|291190056|ref|NM\_001017961.3| Homo sapiens family with sequence similarity 78, member B (FAM78F

gi|291190307|ref|NM\_024953.3| Homo sapiens N(alpha)-acetyltransferase 25, NatB auxiliary subunit (NAA

gi|291190697|ref|NM\_001006121.2| Homo sapiens RNA binding motif protein, Y-linked, family 1, member

gi|291190718|ref|NM\_001098627.2| Homo sapiens interferon regulatory factor 5 (IRF5), transcript variant

gi|291190746|ref|NM\_024549.5| Homo sapiens tectonic family member 1 (TCTN1), transcript variant 3, mF

gi|291190751|ref|NM\_015634.3| Homo sapiens KIAA1279 (KIAA1279), nuclear gene encoding mitochondri

gi|291190764|ref|NM\_003447.3| Homo sapiens zinc finger protein 165 (ZNF165), mRNA;

gi|291190765|ref|NM\_001039213.2| Homo sapiens carcinoembryonic antigen-related cell adhesion molecu

gi|291190771|ref|NM\_000173.5| Homo sapiens glycoprotein Ib (platelet), alpha polypeptide (GP1BA), mRN

gi|291190775|ref|NM\_001001483.2| Homo sapiens zinc finger, DHHC-type containing 13 (ZDHHC13), trans

gi|291190782|ref|NM\_001173977.1| Homo sapiens leucine rich repeat containing 16A (LRRC16A), transcrip

gi|291190786|ref|NM\_015057.4| Homo sapiens MYC binding protein 2, E3 ubiquitin protein ligase (MYCBP2

gi|291190790|ref|NM\_180699.2| Homo sapiens small nuclear ribonucleoprotein 35kDa (U11/U12) (SNRNP3

gi|291190799|ref|NM\_002054.3| Homo sapiens glucagon (GCG), mRNA;

gi|291190807|ref|NM\_183387.2| Homo sapiens echinoderm microtubule associated protein like 5 (EML5),

gi|291190821|ref|NM\_003921.4| Homo sapiens B-cell CLL/lymphoma 10 (BCL10), mRNA;

gi|291219872|ref|NM\_005653.4| Homo sapiens transcription factor CP2 (TFCP2), transcript variant 1, mRN

gi|291219883|ref|NM\_174943.3| Homo sapiens chromosome 14 open reading frame 178 (C14orf178), tran

gi|291219886|ref|NM\_182578.3| Homo sapiens thioesterase superfamily member 5 (THEM5), mRNA;

gi|291219889|ref|NR\_033399.1| Homo sapiens DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 12, pseudog

gi|291219895|ref|NM\_022470.3| Homo sapiens zinc finger, matrin-type 3 (ZMAT3), transcript variant 1, mF

gi|291219897|ref|NM\_030975.2| Homo sapiens keratin associated protein 9-9 (KRTAP9-9), mRNA;

gi|291219905|ref|NM\_018413.5| Homo sapiens carbohydrate (chondroitin 4) sulfotransferase 11 (CHST11)

gi|291219910|ref|NM\_018687.6| Homo sapiens chromosome 19 open reading frame 80 (C19orf80), mRNA

gi|291219917|ref|NR\_033400.1| Homo sapiens CSNK1G2 antisense RNA 1 (non-protein coding) (CSNK1G2-*AS1*)

gi|291219923|ref|NM\_198332.1| Homo sapiens signal transducer and activator of transcription 2, 113kDa (

gi|291219926|ref|NM\_001173988.1| Homo sapiens chromosome 9 open reading frame 86 (C9orf86), trans

gi|291219935|ref|NM\_020798.2| Homo sapiens ubiquitin specific peptidase 35 (USP35), mRNA;

gi|291219937|ref|NM\_001888.3| Homo sapiens crystallin, mu (CRYM), transcript variant 1, mRNA; gi|29121

gi|29126240|ref|NM\_177478.1| Homo sapiens ferritin mitochondrial (FTMT), nuclear gene encoding mitoch

gi|29126244|ref|NM\_176886.1| Homo sapiens taste receptor, type 2, member 45 (TAS2R45), mRNA;

gi|291290867|ref|NM\_178160.2| Homo sapiens otopetrin 2 (OTOP2), mRNA;

gi|291290966|ref|NM\_001723.5| Homo sapiens dystonin (DST), transcript variant 1e, mRNA; gi|291290967

gi|291290969|ref|NM\_203494.4| Homo sapiens ubiquitin specific peptidase 50 (USP50), mRNA;

gi|291290982|ref|NM\_001174046.1| Homo sapiens sperm adhesion molecule 1 (PH-20 hyaluronidase, zona

gi|291290995|ref|NM\_138338.3| Homo sapiens polymerase (RNA) III (DNA directed) polypeptide H (22.9kD

gi|291291003|ref|NM\_014725.4| Homo sapiens StAR-related lipid transfer (START) domain containing 8 (ST

gi|291291004|ref|NM\_001039763.3| Homo sapiens transmembrane protein 232 (TMEM232), mRNA;

gi|291291011|ref|NM\_001080538.2| Homo sapiens aldo-keto reductase family 1, member B15 (AKR1B15),

gi|291327465|ref|NM\_018403.5| Homo sapiens DCP1 decapping enzyme homolog A (S. cerevisiae) (DCP1A

gi|291327481|ref|NM\_017784.4| Homo sapiens oxysterol binding protein-like 10 (OSBPL10), transcript vari

gi|291327484|ref|NM\_001174061.1| Homo sapiens smg-7 homolog, nonsense mediated mRNA decay facto

gi|291327498|ref|NM\_022913.3| Homo sapiens GC-rich promoter binding protein 1 (GPBP1), transcript var

gi|291327503|ref|NM\_001174068.1| Homo sapiens synaptotagmin-like 4 (SYTL4), transcript variant 3, mRN

gi|291327507|ref|NM\_002756.4| Homo sapiens mitogen-activated protein kinase kinase 3 (MAP2K3), trans

gi|291327508|ref|NM\_006612.5| Homo sapiens kinesin family member 1C (KIF1C), mRNA;

gi|291327512|ref|NM\_001174069.1| Homo sapiens LIM homeobox transcription factor 1, alpha (LMX1A), t

gi|291327514|ref|NM\_001174070.1| Homo sapiens family with sequence similarity 53, member A (FAM53/

gi|291327519|ref|NM\_178276.5| Homo sapiens serine incorporator 5 (SERINC5), transcript variant 2, mRN/

gi|291327520|ref|NM\_018094.4| Homo sapiens G1 to S phase transition 2 (GSPT2), mRNA;

gi|291463262|ref|NM\_001199.3| Homo sapiens bone morphogenetic protein 1 (BMP1), transcript variant 1

gi|291463279|ref|NM\_001174083.1| Homo sapiens NLR family, pyrin domain containing 2 (NLRP2), transcr

gi|291463281|ref|NM\_144616.3| Homo sapiens junctional sarcoplasmic reticulum protein 1 (JSRP1), mRNA

gi|291463283|ref|NR\_033405.1| Homo sapiens cathepsin L1 pseudogene 8 (CTSL1P8), non-coding RNA;

gi|291463285|ref|NM\_024556.3| Homo sapiens family with sequence similarity 118, member B (FAM118B)

gi|291463286|ref|NM\_001174084.1| Homo sapiens polymerase (DNA directed), lambda (POLL), transcript v

gi|291463297|ref|NR\_033407.1| Homo sapiens cathepsin L1 pseudogene 2 (CTSL1P2), non-coding RNA;

gi|291463299|ref|NM\_001145204.2| Homo sapiens shisa homolog 9 (Xenopus laevis) (SHISA9), transcript v

gi|291463302|ref|NM\_138573.3| Homo sapiens neuregulin 4 (NRG4), mRNA;

gi|291463308|ref|NM\_021268.2| Homo sapiens interferon, alpha 17 (IFNA17), mRNA;

gi|291463309|ref|NR\_033408.1| Homo sapiens F-box and WD repeat domain containing 4 pseudogene 1 (F

gi|291463310|ref|NM\_002169.2| Homo sapiens interferon, alpha 5 (IFNA5), mRNA;

gi|291463312|ref|NM\_021002.2| Homo sapiens interferon, alpha 6 (IFNA6), mRNA;

gi|291490667|ref|NM\_152264.4| Homo sapiens solute carrier family 39 (zinc transporter), member 13 (SLC

gi|291490669|ref|NM\_002496.3| Homo sapiens NADH dehydrogenase (ubiquinone) Fe-S protein 8, 23kDa (

gi|291490680|ref|NM\_181659.2| Homo sapiens nuclear receptor coactivator 3 (NCOA3), transcript variant

gi|291490689|ref|NM\_001174090.1| Homo sapiens solute carrier family 4, sodium borate transporter, mer

gi|291490692|ref|NR\_033410.1| Homo sapiens makorin ring finger protein 9, pseudogene (MKRN9P), non-

gi|291490698|ref|NM\_005584.4| Homo sapiens mab-21-like 1 (C. elegans) (MAB21L1), mRNA;

gi|291490701|ref|NM\_001077399.2| Homo sapiens paroxysmal nonkinesigenic dyskinesia (PNKD), nuclear

gi|291490703|ref|NM\_005091.2| Homo sapiens peptidoglycan recognition protein 1 (PGLYRP1), mRNA;

gi|291575121|ref|NM\_130464.2| Homo sapiens nuclear pore complex interacting protein-like 3 (NPIPL3), n

gi|291575123|ref|NM\_000343.3| Homo sapiens solute carrier family 5 (sodium/glucose cotransporter), me

gi|291575125|ref|NR\_033412.1| Homo sapiens SH3-domain GRB2-like 1 pseudogene 1 (SH3GL1P1), non-co

gi|291575126|ref|NM\_002300.6| Homo sapiens lactate dehydrogenase B (LDHB), transcript variant 1, mRN

gi|291575129|ref|NM\_018344.5| Homo sapiens solute carrier family 29 (nucleoside transporters), member

gi|291575138|ref|NM\_145246.4| Homo sapiens fragile site, folic acid type, rare, fra(10)(q23.3) or fra(10)(q

gi|291575146|ref|NM\_033010.2| Homo sapiens poly(rC) binding protein 4 (PCBP4), transcript variant 4, mR

gi|291575153|ref|NM\_001174101.1| Homo sapiens proline rich 7 (synaptic) (PRR7), transcript variant 2, m

gi|291575158|ref|NM\_001174103.1| Homo sapiens uncharacterized serine/threonine-protein kinase Sgk4

gi|291575161|ref|NM\_001040021.2| Homo sapiens CD14 molecule (CD14), transcript variant 2, mRNA; gi|

gi|291575166|ref|NR\_033415.1| Homo sapiens keratin 42 pseudogene (KRT42P), non-coding RNA;

gi|291575176|ref|NM\_181446.2| Homo sapiens follicle stimulating hormone receptor (FSHR), transcript vari

gi|291575179|ref|NM\_032508.2| Homo sapiens transmembrane protein 185A (TMEM185A), transcript vari

gi|291575182|ref|NM\_015474.3| Homo sapiens SAM domain and HD domain 1 (SAMHD1), mRNA;

gi|291575187|ref|NM\_001174094.1| Homo sapiens zinc finger E-box binding homeobox 1 (ZEB1), transcript variant 1, mRNA;

gi|291621627|ref|NM\_024306.4| Homo sapiens fatty acid 2-hydroxylase (FA2H), mRNA;

gi|291621629|ref|NM\_001174108.1| Homo sapiens zinc finger, BED-type containing 6 (ZBED6), mRNA;

gi|291621645|ref|NR\_033417.1| Homo sapiens general transcription factor IIH, polypeptide 2B (pseudogene);

gi|291621646|ref|NM\_006320.4| Homo sapiens progesterone receptor membrane component 2 (PGRMC2), mRNA;

gi|291621648|ref|NM\_130468.3| Homo sapiens carbohydrate (N-acetylgalactosamine 4-O) sulfotransferase 1 (SULT4A1), mRNA;

gi|291621649|ref|NR\_003673.3| Homo sapiens lymphocyte antigen 6 complex, locus G6E (pseudogene) (LY6E), mRNA;

gi|291621652|ref|NM\_001039703.4| Homo sapiens neuroblastoma breakpoint family, member 10 (NBPF10), mRNA;

gi|291621656|ref|NM\_001174116.1| Homo sapiens Dmx-like 2 (DMXL2), transcript variant 1, mRNA; gi|291621657|ref|NM\_001174117.1| Homo sapiens Dmx-like 2 (DMXL2), transcript variant 2, mRNA;

gi|291621668|ref|NM\_001174120.1| Homo sapiens zinc finger, FYVE domain containing 27 (ZFYVE27), transcript variant 1, mRNA;

gi|291621676|ref|NM\_001174123.1| Homo sapiens chromosome 18 open reading frame 63 (C18orf63), mRNA;

gi|291621681|ref|NR\_033323.2| Homo sapiens NOP2/Sun domain family, member 5 pseudogene 2 (NSUN5), mRNA;

gi|291621682|ref|NR\_024056.2| Homo sapiens zinc finger protein 542 (ZNF542), transcript variant 2, non-coding RNA;

gi|291621691|ref|NM\_014579.3| Homo sapiens solute carrier family 39 (zinc transporter), member 2 (SLC39A2), mRNA;

gi|291621693|ref|NR\_002713.3| Homo sapiens neuropeptide Y receptor Y6 (pseudogene) (NPY6R), non-coding RNA;

gi|291621695|ref|NR\_033420.1| Homo sapiens SH3-domain GRB2-like 1 pseudogene 2 (SH3GL1P2), non-coding RNA;

gi|291621696|ref|NM\_014362.3| Homo sapiens 3-hydroxyisobutyryl-CoA hydrolase (HIBCH), nuclear gene 1, mRNA;

gi|291621699|ref|NM\_213606.3| Homo sapiens solute carrier family 16, member 12 (monocarboxylic acid transporter) 12 (SLC16A12), mRNA;

gi|291621702|ref|NR\_033423.1| Homo sapiens dihydrofolate reductase pseudogene (LOC1720), non-coding RNA;

gi|291621710|ref|NR\_033424.1| Homo sapiens DnaJ (Hsp40) homolog, subfamily A, member 1 pseudogene 1 (DnaJ1), mRNA;

gi|291621711|ref|NM\_005603.4| Homo sapiens ATPase, aminophospholipid transporter, class I, type 8B, member 1 (ATP8B1), mRNA;

gi|29171303|ref|NR\_001288.1| Homo sapiens transcription factor A, mitochondrial pseudogene 1 (TFAMP1), mRNA;

gi|29171304|ref|NR\_001289.1| Homo sapiens small nucleolar RNA, C/D box 109B (SNORD109B), small nucleolar RNA;

gi|29171679|ref|NM\_000634.2| Homo sapiens chemokine (C-X-C motif) receptor 1 (CXCR1), mRNA;

gi|29171681|ref|NM\_002186.2| Homo sapiens interleukin 9 receptor (IL9R), transcript variant 1, mRNA; gi|29171682|ref|NM\_002187.2| Homo sapiens interleukin 9 receptor (IL9R), transcript variant 2, mRNA;

gi|29171685|ref|NM\_030768.2| Homo sapiens integrin-linked kinase-associated serine/threonine phosphatase 1 (ITPK1), mRNA;

gi|29171690|ref|NM\_006844.3| Homo sapiens ilvB (bacterial acetolactate synthase)-like (ILVBL), mRNA;

gi|29171703|ref|NM\_014599.4| Homo sapiens melanoma antigen family D, 2 (MAGED2), transcript variant 1, mRNA;

gi|29171718|ref|NM\_177483.1| Homo sapiens glycosylphosphatidylinositol specific phospholipase D1 (GPLD1), mRNA;

gi|29171728|ref|NM\_175065.2| Homo sapiens histone cluster 2, H2ab (HIST2H2AB), mRNA;

gi|29171732|ref|NM\_012199.2| Homo sapiens eukaryotic translation initiation factor 2C, 1 (EIF2C1), mRNA;

gi|29171737|ref|NM\_176895.1| Homo sapiens phosphatidic acid phosphatase type 2A (PPAP2A), transcript variant 1, mRNA;

gi|29171744|ref|NM\_177526.1| Homo sapiens phosphatidic acid phosphatase type 2C (PPAP2C), transcript variant 1, mRNA;

gi|29171756|ref|NM\_006432.3| Homo sapiens Niemann-Pick disease, type C2 (NPC2), mRNA;

gi|29171761|ref|NM\_173849.2| Homo sapiens goosecoid homeobox (GSC), mRNA;

gi|29244922|ref|NM\_015939.3| Homo sapiens tRNA methyltransferase 6 homolog (S. cerevisiae) (TRMT6), mRNA;

gi|29244923|ref|NM\_032221.3| Homo sapiens chromodomain helicase DNA binding protein 6 (CHD6), mRNA;

gi|29244925|ref|NM\_006587.2| Homo sapiens corin, serine peptidase (CORIN), mRNA;

gi|292494877|ref|NM\_033402.4| Homo sapiens leucine rich repeat and coiled-coil centrosomal protein 1 (LRC1), mRNA;

gi|292494882|ref|NM\_001174136.1| Homo sapiens teratocarcinoma-derived growth factor 1 (TDGF1), transcript variant 1, mRNA;

gi|292494893|ref|NM\_000729.4| Homo sapiens cholecystokinin (CCK), transcript variant 1, mRNA; gi|292494894|ref|NM\_000730.4| Homo sapiens cholecystokinin (CCK), transcript variant 2, mRNA;

gi|292494912|ref|NM\_001174146.1| Homo sapiens LIM homeobox transcription factor 1, beta (LMX1B), transcript variant 1, mRNA;

gi|292494918|ref|NM\_145062.2| Homo sapiens zinc finger with UFM1-specific peptidase domain (ZUFSP), mRNA;

gi|292658761|ref|NM\_172027.2| Homo sapiens ankyrin repeat and BTB (POZ) domain containing 1 (ABTB1), mRNA;

gi|292658763|ref|NM\_014143.3| Homo sapiens CD274 molecule (CD274), mRNA;

gi|292658766|ref|NM\_004170.5| Homo sapiens solute carrier family 1 (neuronal/epithelial high affinity glucose transporter) 1 (SLC1A1), mRNA;

gi|292658771|ref|NM\_144660.2| Homo sapiens sterile alpha motif domain containing 8 (SAMD8), transcript variant 1, mRNA;

gi|292658784|ref|NM\_001174160.1| Homo sapiens SH2 domain containing 4A (SH2D4A), transcript variant 1, mRNA; gi|292658792|ref|NM\_001174164.1| Homo sapiens proline-rich transmembrane protein 4 (PRRT4), transcript variant 1, mRNA; gi|292658833|ref|NM\_001174150.1| Homo sapiens ADP-ribosylation factor-like 13B (ARL13B), transcript variant 1, mRNA; gi|292658839|ref|NM\_014224.2| Homo sapiens pepsinogen 5, group I (pepsinogen A) (PGA5), mRNA; gi|292658845|ref|NM\_001174153.1| Homo sapiens Rab9 effector protein with kelch motifs (RABEPK), transcript variant 1, mRNA; gi|292658848|ref|NM\_182584.2| Homo sapiens chromosome 20 open reading frame 203 (C20orf203), mRNA; gi|292658850|ref|NR\_003051.3| Homo sapiens RNA component of mitochondrial RNA processing endoribonuclease 1, mRNA; gi|292658852|ref|NM\_016568.3| Homo sapiens relaxin/insulin-like family peptide receptor 3 (RXFP3), mRNA; gi|292781042|ref|NR\_033434.1| Homo sapiens uridine monophosphate synthetase (UMPS), transcript variant 1, mRNA; gi|292781137|ref|NR\_033435.1| Homo sapiens PHD finger protein 14 (PHF14), transcript variant 3, non-coding RNA; gi|292781267|ref|NM\_152726.2| Homo sapiens EF-hand domain family, member A1 (EFHA1), mRNA; gi|292781269|ref|NM\_004694.4| Homo sapiens solute carrier family 16, member 6 (monocarboxylic acid transporter) (SLC16A6), mRNA; gi|292781567|ref|NM\_001077525.2| Homo sapiens myotubularin related protein 14 (MTMR14), transcript variant 1, mRNA; gi|29294642|ref|NM\_177458.1| Homo sapiens Ly6/neurotoxin 1 (LYNX1), transcript variant SLURP2, mRNA; gi|293332584|ref|NM\_001174167.1| Homo sapiens spleen tyrosine kinase (SYK), transcript variant 3, mRNA; gi|293335810|ref|NM\_000756.2| Homo sapiens corticotropin releasing hormone (CRH), mRNA; gi|293335887|ref|NM\_001031717.3| Homo sapiens cysteine-rich with EGF-like domains 1 (CRELD1), transcript variant 1, mRNA; gi|293336213|ref|NM\_000919.3| Homo sapiens peptidylglycine alpha-amidating monooxygenase (PAM), transcript variant 1, mRNA; gi|293336440|ref|NM\_001130865.2| Homo sapiens doublesex and mab-3 related transcription factor 2 (DMRT2), transcript variant 1, mRNA; gi|293336463|ref|NM\_001041.3| Homo sapiens sucrase-isomaltase (alpha-glucosidase) (SI), mRNA; gi|293336490|ref|NM\_198321.3| Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylglucosaminyltransferase 2 family, polypeptide B17 (UGT2B17), mRNA; gi|293336611|ref|NM\_005094.3| Homo sapiens solute carrier family 27 (fatty acid transporter), member 4 (SLC27A4), mRNA; gi|293336712|ref|NR\_033441.1| Homo sapiens histone deacetylase 2 (HDAC2), transcript variant 2, non-coding RNA; gi|29337287|ref|NM\_006530.2| Homo sapiens YEATS domain containing 4 (YEATS4), mRNA; gi|29337289|ref|NM\_173523.2| Homo sapiens melanoma antigen family B, 6 (MAGEB6), mRNA; gi|293597517|ref|NM\_001102669.2| Homo sapiens related RAS viral (r-ras) oncogene homolog 2 (RRAS2), transcript variant 1, mRNA; gi|293597532|ref|NR\_033416.1| Homo sapiens chaperonin containing TCP1, subunit 6 (zeta) pseudogene 3 (CCT6B), mRNA; gi|293597570|ref|NM\_173653.3| Homo sapiens solute carrier family 9, subfamily A (NHE9, cation proton antiporter) (SLC9A9), mRNA; gi|293651528|ref|NM\_005823.5| Homo sapiens mesothelin (MSLN), transcript variant 1, mRNA; gi|293651568|ref|NM\_001177376.1| Homo sapiens double homeobox 4 like 4 (DUX4L4), mRNA; gi|293651596|ref|NR\_033449.1| Homo sapiens transcription factor 7 (T-cell specific, HMG-box) (TCF7), transcript variant 1, mRNA; gi|293651601|ref|NM\_001177383.1| Homo sapiens cytoplasmic polyadenylation element binding protein 2 (CPEB2), transcript variant 1, mRNA; gi|293651612|ref|NM\_001177387.1| Homo sapiens ataxin 7 (ATXN7), transcript variant SCA7b, mRNA; gi|29366811|ref|NM\_012315.1| Homo sapiens kallikrein-related peptidase 9 (KLK9), mRNA; gi|294345383|ref|NM\_001077.3| Homo sapiens UDP glucuronosyltransferase 2 family, polypeptide B17 (UGT2B17), mRNA; gi|294345402|ref|NR\_001557.4| Homo sapiens aldehyde oxidase 2 pseudogene (AOX2P), non-coding RNA; gi|294345410|ref|NM\_030973.3| Homo sapiens mediator complex subunit 25 (MED25), mRNA; gi|294345473|ref|NM\_002306.3| Homo sapiens lectin, galactoside-binding, soluble, 3 (LGALS3), transcript variant 1, mRNA; gi|294459919|ref|NM\_002954.5| Homo sapiens ribosomal protein S27a (RPS27A), transcript variant 1, mRNA; gi|294459976|ref|NM\_001177433.1| Homo sapiens transient receptor potential cation channel, subfamily V1, member 1 (TRPV1), transcript variant 1, mRNA; gi|294459986|ref|NR\_033460.1| Homo sapiens P antigen family, member 3 (prostate associated) (PAGE3), transcript variant 1, mRNA; gi|294459998|ref|NR\_033465.1| Homo sapiens 5'-nucleotidase, cytosolic III-like (NT5C3L), transcript variant 1, mRNA; gi|294489217|ref|NM\_001177479.1| Homo sapiens highly divergent homeobox (HDX), transcript variant 1, mRNA; gi|294489227|ref|NM\_013239.4| Homo sapiens protein phosphatase 2, regulatory subunit B'', beta (PPP2R2B), mRNA; gi|294489228|ref|NM\_001010896.2| Homo sapiens chromosome 10 open reading frame 113 (C10orf113), mRNA; gi|294489309|ref|NM\_001177466.1| Homo sapiens mastermind-like domain containing 1 (MAMLD1), transcript variant 1, mRNA; gi|294489342|ref|NM\_152581.3| Homo sapiens motile sperm domain containing 2 (MOSPD2), transcript variant 1, mRNA.

gi|294489356|ref|NM\_182506.3| Homo sapiens melanoma antigen family B, 10 (MAGEB10), mRNA;

gi|294610639|ref|NM\_005222.3| Homo sapiens distal-less homeobox 6 (DLX6), mRNA;

gi|294610666|ref|NM\_001177507.1| Homo sapiens acyloxyacyl hydrolase (neutrophil) (AOAH), transcript v

gi|294660766|ref|NR\_033489.1| Homo sapiens abhydrolase domain containing 16A (ABHD16A), transcript

gi|294660769|ref|NM\_001127501.2| Homo sapiens alkaline phosphatase, liver/bone/kidney (ALPL), transcr

gi|294774544|ref|NM\_001245.5| Homo sapiens sialic acid binding Ig-like lectin 6 (SIGLEC6), transcript varia

gi|294774554|ref|NM\_014225.5| Homo sapiens protein phosphatase 2, regulatory subunit A, alpha (PPP2R

gi|294774584|ref|NM\_173591.3| Homo sapiens otogelin-like (OTOGL), mRNA;

gi|294832007|ref|NM\_002717.3| Homo sapiens protein phosphatase 2, regulatory subunit B, alpha (PPP2R

gi|294862246|ref|NM\_000080.3| Homo sapiens cholinergic receptor, nicotinic, epsilon (muscle) (CHRNE), n

gi|294862255|ref|NM\_001177599.1| Homo sapiens succinate-CoA ligase, GDP-forming, beta subunit (SUCL

gi|294862264|ref|NM\_016834.4| Homo sapiens microtubule-associated protein tau (MAPT), transcript vari

gi|294862265|ref|NM\_005401.4| Homo sapiens protein tyrosine phosphatase, non-receptor type 14 (PTPN

gi|294862274|ref|NR\_000008.2| Homo sapiens small nucleolar RNA, C/D box 22 (SNORD22), small nucleola

gi|294862296|ref|NM\_004352.3| Homo sapiens cerebellin 1 precursor (CBLN1), mRNA;

gi|294862308|ref|NM\_001177611.1| Homo sapiens cyclin-dependent kinase 2 interacting protein (CINP), tr

gi|294979143|ref|NM\_018975.3| Homo sapiens telomeric repeat binding factor 2, interacting protein (TERF

gi|294979179|ref|NM\_001010846.2| Homo sapiens Src homology 2 domain containing E (SHE), mRNA;

gi|294997265|ref|NM\_001031849.2| Homo sapiens mannan-binding lectin serine peptidase 1 (C4/C2 activa

gi|294997279|ref|NM\_148897.2| Homo sapiens short chain dehydrogenase/reductase family 9C, member

gi|294997329|ref|NM\_001177651.1| Homo sapiens solute carrier family 9, subfamily A (NHE6, cation proto

gi|29501808|ref|NM\_152612.2| Homo sapiens coiled-coil domain containing 116 (CCDC116), mRNA;

gi|295054033|ref|NM\_005835.2| Homo sapiens solute carrier family 17 (sodium phosphate), member 2 (SL

gi|295054104|ref|NM\_001114937.2| Homo sapiens SH2 domain containing 1A (SH2D1A), transcript variant

gi|295054131|ref|NM\_003585.3| Homo sapiens double C2-like domains, beta (DOC2B), mRNA;

gi|295054209|ref|NM\_001177663.1| Homo sapiens RAP1 interacting factor homolog (yeast) (RIF1), transcr

gi|295054324|ref|NM\_001177676.1| Homo sapiens G protein-coupled receptor 68 (GPR68), transcript vari

gi|295148042|ref|NM\_138814.3| Homo sapiens patatin-like phospholipase domain containing 5 (PNPLA5),

gi|295148065|ref|NM\_001463.3| Homo sapiens frizzled-related protein (FRZB), mRNA;

gi|295148069|ref|NM\_001177693.1| Homo sapiens 190 kDa guanine nucleotide exchange factor (RGNEF), t

gi|295148077|ref|NM\_003054.4| Homo sapiens solute carrier family 18 (vesicular monoamine), member 2

gi|295148085|ref|NM\_145658.3| Homo sapiens sperm equatorial segment protein 1 (SPESP1), mRNA;

gi|295148141|ref|NM\_001177712.1| Homo sapiens RNA binding motif, single stranded interacting protein

gi|295148153|ref|NM\_006244.3| Homo sapiens protein phosphatase 2, regulatory subunit B', beta (PPP2R

gi|295148159|ref|NM\_013347.4| Homo sapiens replication protein A4, 30kDa (RPA4), mRNA;

gi|295148160|ref|NM\_001177716.1| Homo sapiens Kruppel-like factor 11 (KLF11), transcript variant 2, mR

gi|295293069|ref|NM\_001032364.2| Homo sapiens gamma-glutamyltransferase 1 (GGT1), transcript vari

gi|295293097|ref|NR\_033557.1| Homo sapiens uncharacterized LOC100422737 (LOC100422737), non-codi

gi|295293113|ref|NM\_001001330.2| Homo sapiens receptor accessory protein 3 (REEP3), mRNA;

gi|295293168|ref|NM\_001174126.1| Homo sapiens solute carrier family 11 (proton-coupled divalent metal

gi|295293181|ref|NM\_001177704.1| Homo sapiens FRAS1 related extracellular matrix 1 (FREM1), transcrip

gi|295317321|ref|NM\_004596.4| Homo sapiens small nuclear ribonucleoprotein polypeptide A (SNRPA), m

gi|295317373|ref|NM\_004797.3| Homo sapiens adiponectin, C1Q and collagen domain containing (ADIPOC

gi|295317375|ref|NM\_016492.4| Homo sapiens RAN guanine nucleotide release factor (RANGRF), transcrip

gi|295391070|ref|NM\_000530.6| Homo sapiens myelin protein zero (MPZ), mRNA;

gi|29540555|ref|NM\_022808.2| Homo sapiens small nuclear ribonucleoprotein polypeptide N (SNRPN), tra

gi|29540557|ref|NM\_005678.3| Homo sapiens SNRPN upstream reading frame (SNURF), transcript variant

gi|295424120|ref|NM\_004122.2| Homo sapiens growth hormone secretagogue receptor (GHSR), transcript  
 gi|295424141|ref|NM\_000439.4| Homo sapiens proprotein convertase subtilisin/kexin type 1 (PCSK1), tran  
 gi|295424843|ref|NM\_003139.3| Homo sapiens signal recognition particle receptor (docking protein) (SRPF  
 gi|295442468|ref|NM\_005732.3| Homo sapiens RAD50 homolog (S. cerevisiae) (RAD50), mRNA;  
 gi|295444798|ref|NM\_152280.4| Homo sapiens synaptotagmin XI (SYT11), mRNA;  
 gi|295444800|ref|NM\_001177880.1| Homo sapiens synaptotagmin XII (SYT12), transcript variant 2, mRNA;  
 gi|29550827|ref|NM\_022735.3| Homo sapiens acyl-CoA binding domain containing 3 (ACBD3), mRNA;  
 gi|29550859|ref|NM\_022130.3| Homo sapiens golgi phosphoprotein 3 (coat-protein) (GOLPH3), mRNA;  
 gi|29553952|ref|NM\_005420.2| Homo sapiens sulfotransferase family 1E, estrogen-preferring, member 1 (:  
 gi|29553982|ref|NM\_003548.2| Homo sapiens histone cluster 2, H4a (HIST2H4A), mRNA;  
 gi|29570778|ref|NM\_014183.2| Homo sapiens dynein, light chain, roadblock-type 1 (DYNLRB1), mRNA;  
 gi|29570784|ref|NM\_080618.2| Homo sapiens CCTC-binding factor (zinc finger protein)-like (CTCFL), mRN  
 gi|29570786|ref|NM\_030877.3| Homo sapiens catenin, beta like 1 (CTNBL1), mRNA;  
 gi|295789051|ref|NM\_001177949.1| Homo sapiens synaptonemal complex protein 3 (SYCP3), transcript va  
 gi|295789083|ref|NM\_002431.3| Homo sapiens menage a trois homolog 1, cyclin H assembly factor (Xenop  
 gi|295789112|ref|NM\_001177972.1| Homo sapiens vitrin (VIT), transcript variant 5, mRNA; gi|295789103|  
 gi|295789122|ref|NM\_017420.4| Homo sapiens SIX homeobox 4 (SIX4), mRNA;  
 gi|295789141|ref|NM\_018418.4| Homo sapiens spermatogenesis associated 7 (SPATA7), transcript variant  
 gi|295789157|ref|NM\_001177998.1| Homo sapiens solute carrier family 34 (sodium phosphate), member 2  
 gi|295789161|ref|NM\_001178000.1| Homo sapiens phosphoinositide kinase, FYVE finger containing (PIKFY  
 gi|295821160|ref|NM\_016170.4| Homo sapiens T-cell leukemia homeobox 2 (TLX2), mRNA;  
 gi|295821161|ref|NM\_025228.2| Homo sapiens TRAF3 interacting protein 3 (TRAF3IP3), mRNA;  
 gi|295821164|ref|NM\_001177996.1| Homo sapiens family with sequence similarity 109, member A (FAM10  
 gi|295821169|ref|NM\_001178002.1| Homo sapiens ATPase, aminophospholipid transporter, class I, type 8I  
 gi|295821172|ref|NM\_006576.3| Homo sapiens advillin (AVIL), mRNA;  
 gi|295821175|ref|NM\_001178003.1| Homo sapiens WD repeat domain 66 (WDR66), transcript variant 2, m  
 gi|295821181|ref|NM\_001127692.2| Homo sapiens propionyl CoA carboxylase, alpha polypeptide (PCCA), t  
 gi|295821188|ref|NM\_001178005.1| Homo sapiens betaine--homocysteine S-methyltransferase 2 (BHMT2)  
 gi|295821192|ref|NM\_001178006.1| Homo sapiens serum amyloid A1 (SAA1), transcript variant 3, mRNA; {  
 gi|295821196|ref|NM\_153603.3| Homo sapiens component of oligomeric golgi complex 7 (COG7), mRNA;  
 gi|295821197|ref|NM\_001178007.1| Homo sapiens Bardet-Biedl syndrome 12 (BBS12), transcript variant 1  
 gi|295821201|ref|NM\_001178009.1| Homo sapiens cystathionine-beta-synthase (CBS), transcript variant 3,  
 gi|295821206|ref|NM\_001178011.1| Homo sapiens cell division cycle 45 homolog (S. cerevisiae) (CDC45), t  
 gi|295821214|ref|NM\_000532.4| Homo sapiens propionyl CoA carboxylase, beta polypeptide (PCCB), nucle  
 gi|295821219|ref|NM\_003357.4| Homo sapiens secretoglobin, family 1A, member 1 (uteroglobin) (SCGB1A  
 gi|295821224|ref|NM\_153355.3| Homo sapiens Na<sup>+</sup>/K<sup>+</sup> transporting ATPase interacting 2 (NKAIN2), transc  
 gi|295821226|ref|NM\_175769.2| Homo sapiens transcription factor 23 (TCF23), mRNA;  
 gi|295842183|ref|NM\_006293.3| Homo sapiens TYRO3 protein tyrosine kinase (TYRO3), mRNA;  
 gi|295842198|ref|NM\_006519.2| Homo sapiens dynein, light chain, Tctex-type 1 (DYNLT1), mRNA;  
 gi|295842264|ref|NM\_003498.5| Homo sapiens stannin (SNN), mRNA;  
 gi|295842267|ref|NM\_001919.3| Homo sapiens enoyl-CoA delta isomerase 1 (ECI1), nuclear gene encoding  
 gi|295842305|ref|NM\_015141.3| Homo sapiens glycerol-3-phosphate dehydrogenase 1-like (GPD1L), mRNA/  
 gi|295842308|ref|NM\_004630.3| Homo sapiens splicing factor 1 (SF1), transcript variant 1, mRNA; gi|29584  
 gi|295842357|ref|NM\_020868.3| Homo sapiens dipeptidyl-peptidase 10 (non-functional) (DPP10), transcrip  
 gi|295842381|ref|NM\_012287.5| Homo sapiens ArfGAP with coiled-coil, ankyrin repeat and PH domains 2 (  
 gi|295842401|ref|NM\_002507.3| Homo sapiens nerve growth factor receptor (NGFR), mRNA;  
 gi|295842487|ref|NM\_014470.3| Homo sapiens Rho family GTPase 1 (RND1), mRNA;



gi|295842489|ref|NM\_020370.2| Homo sapiens G protein-coupled receptor 84 (GPR84), mRNA;  
 gi|295842491|ref|NM\_001178040.1| Homo sapiens syntaxin 3 (STX3), transcript variant 2, mRNA; gi|29584  
 gi|295842513|ref|NM\_001178041.1| Homo sapiens diazepam binding inhibitor (GABA receptor modulator,  
 gi|295842577|ref|NM\_001178046.1| Homo sapiens myxovirus (influenza virus) resistance 1, interferon-ind  
 gi|295842597|ref|NR\_033652.1| Homo sapiens uncharacterized LOC100132891 (LOC100132891), transcrip  
 gi|295844815|ref|NM\_020649.2| Homo sapiens chromobox homolog 8 (CBX8), mRNA;  
 gi|295844826|ref|NM\_024613.3| Homo sapiens pleckstrin homology domain containing, family F (with FYV  
 gi|295844831|ref|NM\_001178056.1| Homo sapiens poly (ADP-ribose) polymerase family, member 8 (PARP  
 gi|295844833|ref|NM\_017567.4| Homo sapiens N-acetylglucosamine kinase (NAGK), mRNA;  
 gi|295844835|ref|NM\_032283.2| Homo sapiens zinc finger, DHHC-type containing 18 (ZDHHC18), mRNA;  
 gi|295844841|ref|NM\_020677.3| Homo sapiens NmrA-like family domain containing 1 (NMRAL1), mRNA;  
 gi|295844842|ref|NM\_145278.3| Homo sapiens chromosome 1 open reading frame 150 (C1orf150), mRNA  
 gi|295849277|ref|NM\_015388.3| Homo sapiens Yip1 domain family, member 3 (YIPF3), mRNA;  
 gi|295849281|ref|NM\_001178044.1| Homo sapiens solute carrier family 44, member 4 (SLC44A4), transcrip  
 gi|295849289|ref|NM\_001178054.1| Homo sapiens tachykinin 3 (TAC3), transcript variant 2, mRNA; gi|295  
 gi|295849292|ref|NM\_172193.2| Homo sapiens kelch domain containing 1 (KLHDC1), mRNA;  
 gi|295849293|ref|NM\_178566.4| Homo sapiens zinc finger, DHHC-type containing 21 (ZDHHC21), mRNA;  
 gi|295849294|ref|NR\_033655.1| Homo sapiens aspartylglucosaminidase (AGA), transcript variant 3, non-co  
 gi|295849295|ref|NM\_001010987.2| Homo sapiens interferon-induced protein with tetratricopeptide repe  
 gi|295849296|ref|NM\_030640.2| Homo sapiens dual specificity phosphatase 16 (DUSP16), mRNA;  
 gi|295849297|ref|NM\_030913.4| Homo sapiens sema domain, transmembrane domain (TM), and cytoplasi  
 gi|296010793|ref|NM\_002427.3| Homo sapiens matrix metalloproteinase 13 (collagenase 3) (MMP13), mRN  
 gi|296010794|ref|NM\_004084.3| Homo sapiens defensin, alpha 1 (DEFA1), mRNA;  
 gi|296010795|ref|NM\_000255.3| Homo sapiens methylmalonyl CoA mutase (MUT), nuclear gene encoding  
 gi|296010796|ref|NM\_005217.3| Homo sapiens defensin, alpha 3, neutrophil-specific (DEFA3), mRNA;  
 gi|296010797|ref|NM\_022899.4| Homo sapiens ARP8 actin-related protein 8 homolog (yeast) (ACTR8), mR  
 gi|296010808|ref|NM\_001178064.1| Homo sapiens nasal embryonic LHRH factor (NELF), transcript variant  
 gi|296010810|ref|NM\_001178065.1| Homo sapiens calcium-sensing receptor (CASR), transcript variant 1, n  
 gi|296010813|ref|NR\_033656.1| Homo sapiens syntaxin 8 (STX8), transcript variant 2, non-coding RNA; gi|2  
 gi|296010827|ref|NM\_000354.5| Homo sapiens serpin peptidase inhibitor, clade A (alpha-1 antiproteinase,  
 gi|296010828|ref|NM\_031900.3| Homo sapiens alanine--glyoxylate aminotransferase 2 (AGXT2), nuclear ge  
 gi|296010830|ref|NM\_000797.3| Homo sapiens dopamine receptor D4 (DRD4), mRNA;  
 gi|296010835|ref|NM\_004431.3| Homo sapiens EPH receptor A2 (EPHA2), mRNA;  
 gi|296010838|ref|NM\_152582.5| Homo sapiens cancer/testis antigen family 45, member A2 (CT45A2), mRN  
 gi|296010839|ref|NM\_003775.3| Homo sapiens sphingosine-1-phosphate receptor 4 (S1PR4), mRNA;  
 gi|296010840|ref|NM\_021150.3| Homo sapiens glutamate receptor interacting protein 1 (GRIP1), transcrip  
 gi|296010845|ref|NM\_183356.3| Homo sapiens asparagine synthetase (glutamine-hydrolyzing) (ASNS), tra  
 gi|296010857|ref|NM\_173843.2| Homo sapiens interleukin 1 receptor antagonist (IL1RN), transcript varian  
 gi|296010860|ref|NM\_001013736.2| Homo sapiens family with sequence similarity 47, member C (FAM47C  
 gi|296010863|ref|NM\_001178078.1| Homo sapiens signal transducer and activator of transcription 6, inter  
 gi|296010871|ref|NM\_206923.3| Homo sapiens YY2 transcription factor (YY2), mRNA;  
 gi|296010881|ref|NM\_001178086.1| Homo sapiens zinc finger protein, X-linked (ZFX), transcript variant 4, i  
 gi|296010883|ref|NM\_015140.3| Homo sapiens tubulin tyrosine ligase-like family, member 12 (TTLL12), m  
 gi|296010885|ref|NM\_001178087.1| Homo sapiens small EDRK-rich factor 1B (centromeric) (SERF1B), tran  
 gi|296010887|ref|NM\_003898.3| Homo sapiens synaptojanin 2 (SYNJ2), transcript variant 1, mRNA; gi|296  
 gi|296010890|ref|NR\_033658.1| Homo sapiens YY1 transcription factor pseudogene (LOC647012), non-cod  
 gi|296010891|ref|NM\_178019.2| Homo sapiens cation channel, sperm associated 3 (CATSPER3), mRNA;

gi|296010892|ref|NM\_182594.2| Homo sapiens zinc finger protein 454 (ZNF454), transcript variant 2, mRNA

gi|296010901|ref|NM\_001178092.1| Homo sapiens branched chain amino-acid transaminase 1, cytosolic (E

gi|296010909|ref|NM\_001030060.2| Homo sapiens sterile alpha motif domain containing 5 (SAMD5), mRNA

gi|296010910|ref|NM\_001993.4| Homo sapiens coagulation factor III (thromboplastin, tissue factor) (F3), tr

gi|296010913|ref|NM\_006331.7| Homo sapiens EMG1 nucleolar protein homolog (S. cerevisiae) (EMG1), m

gi|296010915|ref|NM\_018269.3| Homo sapiens acireductone dioxygenase 1 (ADI1), mRNA;

gi|296010920|ref|NM\_001178098.1| Homo sapiens CD19 molecule (CD19), transcript variant 1, mRNA; gi|2

gi|296010925|ref|NM\_001024455.3| Homo sapiens retrotransposon gag domain containing 4 (RGAG4), mR

gi|296010926|ref|NM\_198282.2| Homo sapiens transmembrane protein 173 (TMEM173), nuclear gene enc

gi|296010928|ref|NM\_024312.4| Homo sapiens N-acetylglucosamine-1-phosphate transferase, alpha and b

gi|296010930|ref|NM\_172102.3| Homo sapiens CD8b molecule (CD8B), transcript variant 4, mRNA; gi|296

gi|296010934|ref|NM\_001178101.1| Homo sapiens zinc finger protein 37A (ZNF37A), transcript variant 3, r

gi|296010938|ref|NM\_002317.5| Homo sapiens lysyl oxidase (LOX), transcript variant 1, mRNA; gi|2960109

gi|296010943|ref|NM\_007137.3| Homo sapiens zinc finger protein 81 (ZNF81), mRNA;

gi|296010950|ref|NM\_000187.3| Homo sapiens homogentisate 1,2-dioxygenase (HGD), mRNA;

gi|296010955|ref|NM\_001010888.3| Homo sapiens zinc finger CCCH-type containing 12B (ZC3H12B), mRNA/

gi|296010970|ref|NM\_001178111.1| Homo sapiens secretory carrier membrane protein 5 (SCAMP5), trans

gi|296010976|ref|NM\_001178113.1| Homo sapiens zinc finger protein 185 (LIM domain) (ZNF185), transcri

gi|296010985|ref|NM\_001178117.1| Homo sapiens multiple inositol-polyphosphate phosphatase 1 (MINPP

gi|296010991|ref|NM\_152527.4| Homo sapiens solute carrier family 16, member 14 (monocarboxylic acid

gi|296010996|ref|NM\_001178122.1| Homo sapiens abl-interactor 1 (ABI1), transcript variant 9, mRNA; gi|2

gi|296011005|ref|NM\_007055.3| Homo sapiens polymerase (RNA) III (DNA directed) polypeptide A, 155kDa

gi|296011007|ref|NM\_001178129.1| Homo sapiens sema domain, immunoglobulin domain (Ig), short basic

gi|296011009|ref|NM\_017782.4| Homo sapiens family with sequence similarity 208, member B (FAM208B)

gi|296011011|ref|NM\_001963.4| Homo sapiens epidermal growth factor (EGF), transcript variant 1, mRNA;

gi|296011018|ref|NM\_016169.3| Homo sapiens suppressor of fused homolog (Drosophila) (SUFU), transcrip

gi|296011021|ref|NM\_012465.3| Homo sapiens tolloid-like 2 (TLL2), mRNA;

gi|296011022|ref|NM\_001178134.1| Homo sapiens chemokine (C-X-C motif) ligand 12 (CXCL12), transcript

gi|296011024|ref|NM\_001032726.2| Homo sapiens RAB41, member RAS oncogene family (RAB41), mRNA;

gi|296011026|ref|NM\_182751.2| Homo sapiens minichromosome maintenance complex component 10 (M

gi|296011031|ref|NM\_001013628.2| Homo sapiens DDB1 and CUL4 associated factor 12-like 2 (DCAF12L2)

gi|296011032|ref|NM\_053002.4| Homo sapiens mediator complex subunit 12-like (MED12L), mRNA;

gi|296011033|ref|NM\_014912.4| Homo sapiens cytoplasmic polyadenylation element binding protein 3 (CE

gi|296011042|ref|NM\_005333.4| Homo sapiens holocytochrome c synthase (HCCS), transcript variant 1, m

gi|296011048|ref|NM\_001178146.1| Homo sapiens immunoglobulin superfamily, member 10 (IGSF10), tra

gi|296011056|ref|NM\_001178147.1| Homo sapiens colony stimulating factor 3 (granulocyte) (CSF3), transc

gi|296011058|ref|NM\_015093.4| Homo sapiens TGF-beta activated kinase 1/MAP3K7 binding protein 2 (TA

gi|296011066|ref|NM\_001184690.1| Homo sapiens nephronectin (NPNT), transcript variant 1, mRNA; gi|29

gi|296011079|ref|NM\_001184696.1| Homo sapiens matrix extracellular phosphoglycoprotein (MEPE), tran

gi|296011083|ref|NM\_198993.3| Homo sapiens SH3 and cysteine rich domain 2 (STAC2), mRNA;

gi|296011084|ref|NM\_012064.3| Homo sapiens major intrinsic protein of lens fiber (MIP), mRNA;

gi|296011085|ref|NM\_153252.4| Homo sapiens bromodomain and WD repeat domain containing 3 (BRWD

gi|296040430|ref|NM\_001184699.1| Homo sapiens carboxypeptidase X (M14 family), member 1 (CPXM1),

gi|296040435|ref|NM\_003359.3| Homo sapiens UDP-glucose 6-dehydrogenase (UGDH), transcript variant 1

gi|296040436|ref|NR\_015356.2| Homo sapiens NPSR1 antisense RNA 1 (non-protein coding) (NPSR1-AS1), t

gi|296040451|ref|NM\_018259.5| Homo sapiens tetratricopeptide repeat domain 17 (TTC17), mRNA;

gi|296040452|ref|NM\_002469.2| Homo sapiens myogenic factor 6 (herculin) (MYF6), mRNA;

gi|296040473|ref|NM\_020999.3| Homo sapiens neurogenin 3 (NEUROG3), mRNA;

gi|296040483|ref|NM\_138450.5| Homo sapiens ADP-ribosylation factor-like 11 (ARL11), mRNA;

gi|296040485|ref|NM\_139131.3| Homo sapiens nucleoporin 98kDa (NUP98), transcript variant 2, mRNA; gi

gi|296040492|ref|NM\_001184715.1| Homo sapiens SLAM family member 6 (SLAMF6), transcript variant 3,

gi|296040496|ref|NM\_019009.3| Homo sapiens toll interacting protein (TOLLIP), mRNA;

gi|296040497|ref|NR\_033667.1| Homo sapiens glycogenin 2 pseudogene 1 (GYG2P1), non-coding RNA;

gi|296040500|ref|NM\_152632.3| Homo sapiens chromosome X open reading frame 22 (CXorf22), mRNA;

gi|296040501|ref|NM\_203408.3| Homo sapiens family with sequence similarity 47, member A (FAM47A), n

gi|296040502|ref|NM\_213598.3| Homo sapiens zinc finger protein 543 (ZNF543), mRNA;

gi|296040503|ref|NM\_004130.3| Homo sapiens glycogenin 1 (GYG1), transcript variant 1, mRNA; gi|296040

gi|296040508|ref|NM\_014068.2| Homo sapiens psoriasis susceptibility 1 candidate 1 (PSORS1C1), mRNA;

gi|296040512|ref|NM\_138786.3| Homo sapiens transmembrane 4 L six family member 18 (TM4SF18), tran

gi|296040516|ref|NM\_152631.2| Homo sapiens family with sequence similarity 47, member B (FAM47B), n

gi|296040518|ref|NM\_174901.5| Homo sapiens family with sequence similarity 9, member C (FAM9C), mR

gi|296040523|ref|NM\_000121.3| Homo sapiens erythropoietin receptor (EPOR), transcript variant 1, mRNA

gi|296080687|ref|NM\_001184717.1| Homo sapiens TCDD-inducible poly(ADP-ribose) polymerase (TIPARP),

gi|296080694|ref|NM\_000175.3| Homo sapiens glucose-6-phosphate isomerase (GPI), transcript variant 2,

gi|296080701|ref|NM\_004134.6| Homo sapiens heat shock 70kDa protein 9 (mortalin) (HSPA9), nuclear ge

gi|296080702|ref|NM\_000355.3| Homo sapiens transcobalamin II (TCN2), transcript variant 1, mRNA; gi|29

gi|296080713|ref|NM\_001184730.1| Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class 1

gi|296080716|ref|NM\_001184731.1| Homo sapiens growth hormone releasing hormone (GHRH), transcript

gi|296080720|ref|NM\_001184733.1| Homo sapiens solute carrier family 22 (organic anion transporter), me

gi|296080723|ref|NM\_014010.4| Homo sapiens astrotactin 2 (ASTN2), transcript variant 1, mRNA; gi|2960

gi|296080724|ref|NM\_145119.3| Homo sapiens praja ring finger 1, E3 ubiquitin protein ligase (PJA1), trans

gi|296080744|ref|NM\_020922.4| Homo sapiens WNK lysine deficient protein kinase 3 (WNK3), transcript v

gi|296080745|ref|NM\_001184740.1| Homo sapiens cortactin (CTTN), transcript variant 3, mRNA; gi|16869

gi|296080748|ref|NM\_015036.2| Homo sapiens endonuclease domain containing 1 (ENDOD1), mRNA;

gi|296080749|ref|NM\_002425.2| Homo sapiens matrix metalloproteinase 10 (stromelysin 2) (MMP10), mR

gi|296080750|ref|NM\_002704.3| Homo sapiens pro-platelet basic protein (chemokine (C-X-C motif) ligand

gi|296080751|ref|NM\_017768.4| Homo sapiens leucine rich repeat containing 40 (LRRC40), mRNA;

gi|296080752|ref|NM\_005141.4| Homo sapiens fibrinogen beta chain (FGB), transcript variant 1, mRNA; gi|

gi|296080755|ref|NM\_024528.3| Homo sapiens NFkB activating protein (NKAP), mRNA;

gi|296080756|ref|NM\_001184743.1| Homo sapiens piggyBac transposable element derived 1 (PGBD1), tra

gi|296080760|ref|NM\_001184744.1| Homo sapiens parathyroid hormone 1 receptor (PTH1R), transcript va

gi|296080762|ref|NM\_033215.4| Homo sapiens protein phosphatase 1, regulatory subunit 3F (PPP1R3F), tr

gi|296080769|ref|NM\_001184748.1| Homo sapiens platelet-activating factor acetylhydrolase 1b, catalytic s

gi|296080771|ref|NM\_173078.3| Homo sapiens SLIT and NTRK-like family, member 4 (SLITRK4), transcript v

gi|296080776|ref|NM\_017672.4| Homo sapiens transient receptor potential cation channel, subfamily M, r

gi|296080781|ref|NM\_024741.2| Homo sapiens zinc finger protein 408 (ZNF408), transcript variant 1, mRN

gi|296080784|ref|NM\_024116.3| Homo sapiens TATA box binding protein (TBP)-associated factor, RNA pol

gi|296179381|ref|NM\_001184760.1| Homo sapiens clathrin, light chain A (CLTA), transcript variant 4, mRN

gi|296179387|ref|NM\_172377.3| Homo sapiens cancer/testis antigen 2 (CTAG2), transcript variant 1, mRN

gi|296179391|ref|NM\_178564.3| Homo sapiens nuclear receptor binding protein 2 (NRBP2), mRNA;

gi|296179393|ref|NM\_175866.4| Homo sapiens U2AF homology motif (UHM) kinase 1 (UHMK1), transcript

gi|296179396|ref|NM\_001007022.2| Homo sapiens outer dense fiber of sperm tails 2-like (ODF2L), transcri

gi|296179409|ref|NM\_014008.3| Homo sapiens coiled-coil domain containing 22 (CCDC22), mRNA;

gi|296179413|ref|NM\_024554.3| Homo sapiens piggyBac transposable element derived 5 (PGBD5), mRNA;

gi|296179415|ref|NM\_001184768.1| Homo sapiens armadillo repeat containing, X-linked 6 (ARMCX6), tran  
gi|296179420|ref|NM\_033048.5| Homo sapiens CPX chromosome region, candidate 1 (CPXCR1), transcript  
gi|296179428|ref|NM\_005327.4| Homo sapiens hydroxyacyl-CoA dehydrogenase (HADH), nuclear gene enc  
gi|296179441|ref|NM\_001184776.1| Homo sapiens seizure related 6 homolog (mouse)-like (SEZ6L), transcr  
gi|296278196|ref|NR\_027141.2| Homo sapiens family with sequence similarity 45, member B (pseudogene  
gi|296278201|ref|NM\_001184792.1| Homo sapiens par-3 partitioning defective 3 homolog (C. elegans) (PA  
gi|296278220|ref|NM\_001178141.1| Homo sapiens transcription factor Dp-2 (E2F dimerization partner 2) (  
gi|296278226|ref|NM\_001184779.1| Homo sapiens NADPH oxidase, EF-hand calcium binding domain 5 (NC  
gi|296278240|ref|NM\_198279.3| Homo sapiens chromosome X open reading frame 23 (CXorf23), mRNA;  
gi|296278243|ref|NM\_198456.1| Homo sapiens family with sequence similarity 120C (FAM120C), transcrip  
gi|296278247|ref|NR\_033674.1| Homo sapiens DiGeorge syndrome critical region gene 2 (DGCR2), transcri  
gi|296278250|ref|NM\_012335.3| Homo sapiens myosin IF (MYO1F), mRNA;  
gi|296278253|ref|NM\_004564.2| Homo sapiens PET112 homolog (yeast) (PET112), nuclear gene encoding  
gi|296278255|ref|NM\_002867.3| Homo sapiens RAB3B, member RAS oncogene family (RAB3B), mRNA;  
gi|296317234|ref|NM\_003608.3| Homo sapiens G protein-coupled receptor 65 (GPR65), mRNA;  
gi|296317235|ref|NM\_032947.4| Homo sapiens chromosome 5 open reading frame 62 (C5orf62), mRNA;  
gi|296317238|ref|NM\_001184795.1| Homo sapiens peroxisomal biogenesis factor 11 beta (PEX11B), transcr  
gi|296317240|ref|NM\_004283.3| Homo sapiens RAB3D, member RAS oncogene family (RAB3D), mRNA;  
gi|296317241|ref|NM\_014808.2| Homo sapiens FERM, RhoGEF and pleckstrin domain protein 2 (FARP2), m  
gi|296317243|ref|NM\_001184796.1| Homo sapiens extended synaptotagmin-like protein 1 (ESYT1), transcr  
gi|296317245|ref|NM\_023070.2| Homo sapiens zinc finger protein 643 (ZNF643), mRNA;  
gi|296317248|ref|NM\_001184797.1| Homo sapiens trimethyllysine hydroxylase, epsilon (TMLHE), nuclear  
gi|296317250|ref|NM\_152268.3| Homo sapiens prolyl-tRNA synthetase 2, mitochondrial (putative) (PARS2)  
gi|296317251|ref|NM\_198451.3| Homo sapiens forkhead box R2 (FOXR2), mRNA;  
gi|296317252|ref|NM\_013363.3| Homo sapiens procollagen C-endopeptidase enhancer 2 (PCOLCE2), mRN  
gi|296317261|ref|NM\_015693.3| Homo sapiens inturnd planar cell polarity effector homolog (Drosophila)  
gi|296317266|ref|NM\_015255.2| Homo sapiens ubiquitin protein ligase E3 component n-recogin 2 (UBR2)  
gi|296317288|ref|NM\_015703.4| Homo sapiens ribosomal RNA processing 7 homolog A (S. cerevisiae) (RRF  
gi|296317289|ref|NM\_001079860.2| Homo sapiens G protein-coupled receptor 64 (GPR64), transcript vari  
gi|296317298|ref|NM\_001712.4| Homo sapiens carcinoembryonic antigen-related cell adhesion molecule 1  
gi|296317322|ref|NM\_019067.5| Homo sapiens guanine nucleotide binding protein-like 3 (nucleolar)-like (C  
gi|296317327|ref|NM\_024522.2| Homo sapiens Na<sup>+</sup>/K<sup>+</sup> transporting ATPase interacting 1 (NKAIN1), mRNA  
gi|296317329|ref|NM\_014547.4| Homo sapiens tropomodulin 3 (ubiquitous) (TMOD3), mRNA;  
gi|296317338|ref|NM\_001184823.1| Homo sapiens voltage-dependent anion channel 2 (VDAC2), nuclear g  
gi|296317346|ref|NM\_019023.2| Homo sapiens protein arginine methyltransferase 7 (PRMT7), transcript v  
gi|296317347|ref|NM\_001184826.1| Homo sapiens pregnancy specific beta-1-glycoprotein 1 (PSG1), transcr  
gi|296317349|ref|NM\_015698.4| Homo sapiens G patch domain and KOW motifs (GPKOW), mRNA;  
gi|296317363|ref|NM\_001184739.1| Homo sapiens testis-specific serine kinase 4 (TSSK4), transcript varian  
gi|296434215|ref|NR\_033677.1| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 49 (DDX49), transcr  
gi|296434226|ref|NM\_001184854.1| Homo sapiens kelch domain containing 4 (KLHDC4), transcript variant  
gi|296434239|ref|NM\_018163.2| Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 17 (DNAJC17  
gi|296434252|ref|NM\_001184866.1| Homo sapiens Fc receptor-like A (FCRLA), transcript variant 1, mRNA;  
gi|296434260|ref|NM\_018509.3| Homo sapiens leucine rich repeat containing 59 (LRRC59), mRNA;  
gi|296434269|ref|NM\_015032.3| Homo sapiens PDS5, regulator of cohesion maintenance, homolog B (S. ce  
gi|296434288|ref|NM\_020319.2| Homo sapiens ankyrin repeat and MYND domain containing 2 (ANKMY2),  
gi|296434289|ref|NM\_001184881.1| Homo sapiens CD84 molecule (CD84), transcript variant 3, mRNA; gi|:  
gi|296434293|ref|NM\_022836.3| Homo sapiens DNA cross-link repair 1B (DCLRE1B), mRNA;

gi|296434300|ref|NM\_032840.2| Homo sapiens SPRY domain containing 3 (SPRYD3), mRNA;

gi|296434315|ref|NM\_001032284.2| Homo sapiens thymopoietin (TMPO), transcript variant 3, mRNA; gi|2

gi|296434317|ref|NM\_201398.2| Homo sapiens FAD1 flavin adenine dinucleotide synthetase homolog (S. c

gi|296434318|ref|NM\_021961.5| Homo sapiens TEA domain family member 1 (SV40 transcriptional enhanc

gi|296531320|ref|NM\_138703.4| Homo sapiens melanoma antigen family E, 2 (MAGEE2), mRNA;

gi|296531331|ref|NM\_001184945.1| Homo sapiens family with sequence similarity 219, member A (FAM2:

gi|296531338|ref|NM\_001184883.1| Homo sapiens phospholipase C, beta 3 (phosphatidylinositol-specific)

gi|296531347|ref|NM\_030922.6| Homo sapiens non imprinted in Prader-Willi/Angelman syndrome 2 (NIPA

gi|296531368|ref|NR\_033678.1| Homo sapiens caspase recruitment domain family, member 8 (CARD8), tra

gi|296531374|ref|NM\_001184906.1| Homo sapiens F-box and leucine-rich repeat protein 20 (FBXL20), tran

gi|296531390|ref|NM\_033413.3| Homo sapiens leucine rich repeat containing 46 (LRRC46), mRNA;

gi|296531391|ref|NM\_144688.4| Homo sapiens coiled-coil domain containing 155 (CCDC155), mRNA;

gi|296531394|ref|NM\_024525.4| Homo sapiens tetratricopeptide repeat domain 13 (TTC13), transcript var

gi|296531407|ref|NM\_198155.3| Homo sapiens chromosome 21 open reading frame 33 (C21orf33), nuclea

gi|296531411|ref|NM\_018120.4| Homo sapiens armadillo repeat containing 1 (ARMC1), mRNA;

gi|296531423|ref|NM\_007231.3| Homo sapiens solute carrier family 6 (amino acid transporter), member 1

gi|296531425|ref|NR\_033684.1| Homo sapiens glutamyl-tRNA(Gln) amidotransferase, subunit C homolog (l

gi|296531446|ref|NM\_001001661.2| Homo sapiens zinc finger protein 425 (ZNF425), mRNA;

gi|296531448|ref|NM\_013981.3| Homo sapiens neuregulin 2 (NRG2), transcript variant 2, mRNA; gi|29653

gi|296531455|ref|NM\_023074.3| Homo sapiens zinc finger protein 649 (ZNF649), mRNA;

gi|296531458|ref|NM\_001184937.1| Homo sapiens erythrocyte membrane protein band 4.1 like 5 (EPB41L

gi|296785030|ref|NM\_032137.4| Homo sapiens chromosome 3 open reading frame 20 (C3orf20), transcrip

gi|296785053|ref|NM\_001184960.1| Homo sapiens SH3-domain kinase binding protein 1 (SH3KBP1), trans

gi|296785063|ref|NM\_021101.4| Homo sapiens claudin 1 (CLDN1), mRNA;

gi|296841041|ref|NR\_033686.1| Homo sapiens penta-EF-hand domain containing 1 (PEF1), transcript varia

gi|296841050|ref|NM\_138733.4| Homo sapiens phosphoglycerate kinase 2 (PGK2), mRNA;

gi|296841060|ref|NM\_001048164.2| Homo sapiens solute carrier family 7 (cationic amino acid transporter,

gi|296841064|ref|NM\_001184963.1| Homo sapiens FXYD domain containing ion transport regulator 4 (FXY

gi|296841072|ref|NM\_001184965.1| Homo sapiens WD repeat domain 44 (WDR44), transcript variant 2, m

gi|296841084|ref|NM\_001184967.1| Homo sapiens microphthalmia-associated transcription factor (MITF),

gi|296841089|ref|NM\_007229.3| Homo sapiens protein kinase C and casein kinase substrate in neurons 2 (

gi|296841134|ref|NM\_002861.3| Homo sapiens phosphate cytidylyltransferase 2, ethanolamine (PCYT2), tr

gi|296923745|ref|NR\_033694.1| Homo sapiens PDZ domain containing 9 (PDZD9), transcript variant 2, non-

gi|296923778|ref|NM\_001184977.1| Homo sapiens ubiquinol-cytochrome c reductase complex chaperone

gi|296923792|ref|NM\_145812.2| Homo sapiens apoptosis-inducing factor, mitochondrion-associated, 1 (AI

gi|296923796|ref|NM\_001184974.1| Homo sapiens protein kinase C and casein kinase substrate in neurons

gi|296923811|ref|NM\_031955.5| Homo sapiens spermatogenesis associated 16 (SPATA16), mRNA;

gi|296923822|ref|NM\_002334.3| Homo sapiens low density lipoprotein receptor-related protein 4 (LRP4), r

gi|296939603|ref|NM\_014823.2| Homo sapiens WNK lysine deficient protein kinase 1 (WNK1), transcript v:

gi|297139695|ref|NR\_033690.1| Homo sapiens chromosome 1 open reading frame 213 (C1orf213), transcr

gi|297139702|ref|NM\_017519.2| Homo sapiens AT rich interactive domain 1B (SWI1-like) (ARID1B), transcr

gi|297139718|ref|NM\_194460.2| Homo sapiens ring finger protein 126 (RNF126), mRNA;

gi|297139720|ref|NM\_001184992.1| Homo sapiens ring finger protein 135 (RNF135), transcript variant 3, n

gi|297139740|ref|NM\_001184997.1| Homo sapiens ring finger protein 32 (RNF32), transcript variant 2, mR

gi|297139766|ref|NM\_170769.2| Homo sapiens ring finger protein 39 (RNF39), transcript variant 2, mRNA;

gi|297206727|ref|NM\_002494.3| Homo sapiens NADH dehydrogenase (ubiquinone) 1, subcomplex unknow

gi|297206742|ref|NM\_001033081.2| Homo sapiens v-myc myelocytomatosis viral oncogene homolog 1, lui

gi|297206751|ref|NM\_001184998.1| Homo sapiens KIAA0430 (KIAA0430), transcript variant 2, mRNA; gi|297206769|ref|NM\_001185011.1| Homo sapiens non-SMC condensin II complex, subunit H2 (NCAPH2), transcript variant 1, mRNA; gi|297206772|ref|NM\_002488.4| Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 2, mRNA; gi|297206790|ref|NM\_173651.2| Homo sapiens fibrous sheath interacting protein 2 (FSIP2), mRNA; gi|297206810|ref|NM\_001185022.1| Homo sapiens claudin 7 (CLDN7), transcript variant 2, mRNA; gi|297206815|ref|NM\_013373.3| Homo sapiens zinc finger, DHHC-type containing 8 (ZDHHC8), transcript variant 1, mRNA; gi|297206820|ref|NM\_004552.2| Homo sapiens NADH dehydrogenase (ubiquinone) Fe-S protein 5, 15kDa (ND5), mRNA; gi|297206829|ref|NM\_199453.3| Homo sapiens 5-hydroxytryptamine (serotonin) receptor 4, G protein-coupled, mRNA; gi|297206835|ref|NM\_017666.4| Homo sapiens zinc finger protein 280C (ZNF280C), mRNA; gi|297206863|ref|NM\_199328.2| Homo sapiens claudin 8 (CLDN8), mRNA; gi|297206866|ref|NM\_016032.3| Homo sapiens zinc finger, DHHC-type containing 9 (ZDHHC9), transcript variant 1, mRNA; gi|297206872|ref|NM\_004035.6| Homo sapiens acyl-CoA oxidase 1, palmitoyl (ACOX1), transcript variant 1, mRNA; gi|297206886|ref|NR\_033698.1| Homo sapiens farnesyltransferase, CAAX box, alpha (FNTA), transcript variant 1, mRNA; gi|29725634|ref|NM\_177998.1| Homo sapiens otopetrin 1 (OTOP1), mRNA; gi|297307106|ref|NM\_000823.3| Homo sapiens growth hormone releasing hormone receptor (GHRHR), mRNA; gi|297307107|ref|NM\_007191.4| Homo sapiens WNT inhibitory factor 1 (WIF1), mRNA; gi|297307115|ref|NM\_001185060.1| Homo sapiens aquaporin 1 (Colton blood group) (AQP1), transcript variant 1, mRNA; gi|297307122|ref|NM\_001185063.1| Homo sapiens zinc finger protein 75D (ZNF75D), transcript variant 2, mRNA; gi|297307149|ref|NM\_005002.4| Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 9, mRNA; gi|297307157|ref|NM\_001185054.1| Homo sapiens adducin 2 (beta) (ADD2), transcript variant 5, mRNA; gi|297374749|ref|NM\_001185056.1| Homo sapiens claudin 11 (CLDN11), transcript variant 2, mRNA; gi|297374763|ref|NM\_001185074.1| Homo sapiens zinc finger, CCHC domain containing 6 (ZCCHC6), transcript variant 1, mRNA; gi|297374769|ref|NR\_003708.4| Homo sapiens small nucleolar RNA, H/ACA box 70C (retrotransposed) (SNORD70C), mRNA; gi|297374781|ref|NM\_001185077.1| Homo sapiens Rho GDP dissociation inhibitor (GDI) alpha (ARHGDI), mRNA; gi|297374788|ref|NM\_001185081.1| Homo sapiens fragile X mental retardation 1 (FMR1), transcript variant 1, mRNA; gi|297374798|ref|NM\_001185085.1| Homo sapiens ATPase, H+/K+ transporting, nongastric, alpha polypeptide (ATP4A), mRNA; gi|297374804|ref|NM\_000705.3| Homo sapiens ATPase, H+/K+ exchanging, beta polypeptide (ATP4B), mRNA; gi|297374807|ref|NM\_021569.3| Homo sapiens glutamate receptor, ionotropic, N-methyl D-aspartate 1 (GRIK1), mRNA; gi|297374816|ref|NM\_031426.3| Homo sapiens allograft inflammatory factor 1-like (AIF1L), transcript variant 1, mRNA; gi|297374820|ref|NM\_001185097.1| Homo sapiens insulin (INS), transcript variant 2, mRNA; gi|109148525|ref|NM\_001185098.1| Homo sapiens insulin (INS), transcript variant 1, mRNA; gi|297374826|ref|NM\_001771.3| Homo sapiens CD22 molecule (CD22), transcript variant 1, mRNA; gi|297374833|ref|NM\_006184.5| Homo sapiens nucleobindin 1 (NUCB1), mRNA; gi|297515454|ref|NM\_001185080.1| Homo sapiens claudin 15 (CLDN15), transcript variant 1, mRNA; gi|297515472|ref|NM\_153268.3| Homo sapiens phosphatidylinositol-specific phospholipase C, X domain containing 1 (PLC-X1), mRNA; gi|297515473|ref|NM\_012131.2| Homo sapiens claudin 17 (CLDN17), mRNA; gi|297515474|ref|NM\_006580.3| Homo sapiens claudin 16 (CLDN16), mRNA; gi|297515503|ref|NM\_001007253.3| Homo sapiens endogenous retrovirus group 3, member 1 (ERV3-1), mRNA; gi|297591810|ref|NM\_001001346.3| Homo sapiens claudin 20 (CLDN20), mRNA; gi|297591813|ref|NM\_001004720.2| Homo sapiens NCK adaptor protein 2 (NCK2), transcript variant 2, mRNA; gi|297591815|ref|NM\_177540.2| Homo sapiens taste receptor, type 1, member 1 (TAS1R1), transcript variant 1, mRNA; gi|297591816|ref|NM\_002395.4| Homo sapiens malic enzyme 1, NADP(+)-dependent, cytosolic (ME1), mRNA; gi|297591820|ref|NM\_004412.5| Homo sapiens tRNA aspartic acid methyltransferase 1 (TRDMT1), mRNA; gi|297591823|ref|NM\_173217.2| Homo sapiens ST6 beta-galactosamide alpha-2,6-sialyltransferase 1 (ST6GAL1), mRNA; gi|297591828|ref|NM\_001101362.2| Homo sapiens kelch repeat and BTB (POZ) domain containing 13 (KBTBD13), mRNA; gi|297591830|ref|NM\_001185127.1| Homo sapiens vesicle-associated membrane protein 4 (VAMP4), transcript variant 1, mRNA; gi|297632341|ref|NM\_001185058.1| Homo sapiens nucleolar protein 3 (apoptosis repressor with CARD domain) (NAP3), mRNA; gi|297632344|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 1, mRNA; gi|297632345|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 2, mRNA; gi|297632346|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 3, mRNA; gi|297632347|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 4, mRNA; gi|297632348|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 5, mRNA; gi|297632349|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 6, mRNA; gi|297632350|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 7, mRNA; gi|297632351|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 8, mRNA; gi|297632352|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 9, mRNA; gi|297632353|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 10, mRNA; gi|297632354|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 11, mRNA; gi|297632355|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 12, mRNA; gi|297632356|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 13, mRNA; gi|297632357|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 14, mRNA; gi|297632358|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 15, mRNA; gi|297632359|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 16, mRNA; gi|297632360|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 17, mRNA; gi|297632361|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 18, mRNA; gi|297632362|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 19, mRNA; gi|297632363|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 20, mRNA; gi|297632364|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 21, mRNA; gi|297632365|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 22, mRNA; gi|297632366|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 23, mRNA; gi|297632367|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 24, mRNA; gi|297632368|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 25, mRNA; gi|297632369|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 26, mRNA; gi|297632370|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 27, mRNA; gi|297632371|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 28, mRNA; gi|297632372|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 29, mRNA; gi|297632373|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 30, mRNA; gi|297632374|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 31, mRNA; gi|297632375|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 32, mRNA; gi|297632376|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 33, mRNA; gi|297632377|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 34, mRNA; gi|297632378|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 35, mRNA; gi|297632379|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 36, mRNA; gi|297632380|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 37, mRNA; gi|297632381|ref|NM\_005600.2| Homo sapiens nitrilase 1 (NIT1), transcript variant 38, mRNA; gi|297

gi|297632353|ref|NM\_020726.4| Homo sapiens neurolysin (metallopeptidase M3 family) (NLN), nuclear ge  
 gi|297632355|ref|NM\_000091.4| Homo sapiens collagen, type IV, alpha 3 (Goodpasture antigen) (COL4A3),  
 gi|297632382|ref|NM\_001185149.1| Homo sapiens claudin 24 (CLDN24), mRNA;  
 gi|297632399|ref|NM\_003869.5| Homo sapiens carboxylesterase 2 (CES2), transcript variant 1, mRNA; gi|3  
 gi|297632403|ref|NM\_001185157.1| Homo sapiens interleukin 24 (IL24), transcript variant 4, mRNA; gi|29  
 gi|297747266|ref|NR\_033710.1| Homo sapiens TP73 antisense RNA 1 (non-protein coding) (TP73-AS1), tra  
 gi|297747272|ref|NM\_007088.3| Homo sapiens calbindin 2 (CALB2), transcript variant CALB2c, mRNA; gi|2  
 gi|297747273|ref|NM\_024922.5| Homo sapiens carboxylesterase 3 (CES3), transcript variant 1, mRNA; gi|2  
 gi|297747296|ref|NM\_017907.2| Homo sapiens late endosomal/lysosomal adaptor, MAPK and MTOR activ  
 gi|297747315|ref|NR\_033715.1| Homo sapiens vesicle-associated membrane protein 7 (VAMP7), transcript  
 gi|297747323|ref|NM\_015976.4| Homo sapiens sorting nexin 7 (SNX7), transcript variant 1, mRNA; gi|2977  
 gi|297747358|ref|NR\_033703.1| Homo sapiens myoneurin (MYNN), transcript variant 5, non-coding RNA; g  
 gi|297747359|ref|NM\_005913.2| Homo sapiens melanocortin 5 receptor (MC5R), mRNA;  
 gi|29789059|ref|NM\_014802.1| Homo sapiens KIAA0528 (KIAA0528), mRNA;  
 gi|29789282|ref|NM\_032168.1| Homo sapiens WD repeat domain 75 (WDR75), mRNA;  
 gi|298104090|ref|NM\_001114938.2| Homo sapiens coiled-coil domain containing 17 (CCDC17), transcript v  
 gi|298104106|ref|NM\_001006616.2| Homo sapiens tetraspanin 17 (TSPAN17), transcript variant 3, mRNA;  
 gi|298160963|ref|NM\_001190228.1| Homo sapiens ring finger protein 224 (RNF224), mRNA;  
 gi|298160986|ref|NM\_152544.2| Homo sapiens methyltransferase like 19 (METTL19), transcript variant 2, i  
 gi|298160994|ref|NM\_020800.2| Homo sapiens intraflagellar transport 80 homolog (Chlamydomonas) (IFT  
 gi|298228998|ref|NM\_001190255.1| Homo sapiens zinc finger protein 630 (ZNF630), transcript variant 2, n  
 gi|298229003|ref|NM\_001040000.2| Homo sapiens myeloid/lymphoid or mixed-lineage leukemia (trithora  
 gi|298231104|ref|NM\_001190274.1| Homo sapiens F-box protein 11 (FBXO11), transcript variant 4, mRNA;  
 gi|298231172|ref|NM\_003761.4| Homo sapiens vesicle-associated membrane protein 8 (endobrevin) (VAN  
 gi|298231174|ref|NR\_033717.1| Homo sapiens sex comb on midleg-like 2 (Drosophila) (SCML2), transcript  
 gi|298231189|ref|NM\_001190202.1| Homo sapiens carboxylesterase 4A (CES4A), transcript variant 4, mRN  
 gi|298231193|ref|NM\_001013439.2| Homo sapiens fragile X mental retardation, autosomal homolog 1 (FXI  
 gi|298231194|ref|NM\_001080485.3| Homo sapiens zinc finger protein 275 (ZNF275), mRNA;  
 gi|298231206|ref|NM\_001190214.1| Homo sapiens diphosphoinositol pentakisphosphate kinase 1 (PPIP5K  
 gi|298231211|ref|NM\_145261.3| Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 19 (DNAJC19  
 gi|298231232|ref|NM\_020327.3| Homo sapiens activin A receptor, type IB (ACVR1B), transcript variant 2, n  
 gi|298231241|ref|NM\_001190259.1| Homo sapiens germinal center expressed transcript 2 (GCET2), transci  
 gi|298231248|ref|NR\_033732.1| Homo sapiens BCL6 corepressor pseudogene 1 (BCORP1), transcript variar  
 gi|298231251|ref|NM\_021946.4| Homo sapiens BCL6 corepressor-like 1 (BCORL1), mRNA;  
 gi|29826281|ref|NM\_177983.1| Homo sapiens protein phosphatase, Mg2+/Mn2+ dependent, 1G (PPM1G),  
 gi|29826286|ref|NM\_020409.2| Homo sapiens mitochondrial ribosomal protein L47 (MRPL47), nuclear gen  
 gi|29826292|ref|NM\_031899.2| Homo sapiens golgi reassembly stacking protein 1, 65kDa (GORASP1), mRN  
 gi|29826300|ref|NM\_032146.3| Homo sapiens ADP-ribosylation factor-like 6 (ARL6), transcript variant 1, m  
 gi|29826316|ref|NM\_177991.1| Homo sapiens dual specificity phosphatase 15 (DUSP15), transcript variant  
 gi|29826337|ref|NM\_006332.3| Homo sapiens interferon, gamma-inducible protein 30 (IFI30), mRNA;  
 gi|298286487|ref|NM\_015328.3| Homo sapiens adenosylhomocysteinase-like 2 (AHCYL2), transcript varian  
 gi|298286494|ref|NM\_002938.4| Homo sapiens ring finger protein 4 (RNF4), transcript variant 2, mRNA; gi|  
 gi|298286505|ref|NM\_002099.6| Homo sapiens glycophorin A (MNS blood group) (GYPA), mRNA;  
 gi|298286515|ref|NM\_001005911.2| Homo sapiens inositol hexakisphosphate kinase 2 (IP6K2), transcript v  
 gi|298358597|ref|NM\_001190326.1| Homo sapiens DiGeorge syndrome critical region gene 8 (DGCR8), tra  
 gi|298358650|ref|NM\_020056.4| Homo sapiens major histocompatibility complex, class II, DQ alpha 2 (HLA  
 gi|298358681|ref|NM\_198537.3| Homo sapiens YjeF N-terminal domain containing 3 (YEJFN3), nuclear gen

gi|298358705|ref|NM\_001171743.2| Homo sapiens chromosome 3 open reading frame 18 (C3orf18), trans

gi|298358767|ref|NR\_033734.1| Homo sapiens crystallin, beta B2 pseudogene 1 (CRYBB2P1), transcript var

gi|298358856|ref|NR\_033735.1| Homo sapiens arginine-glutamic acid dipeptide (RE) repeats pseudogene 3

gi|29837647|ref|NM\_178033.1| Homo sapiens cytochrome P450, family 4, subfamily X, polypeptide 1 (CYP

gi|298493255|ref|NR\_033759.1| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial Fo complex, s

gi|298493258|ref|NR\_033760.1| Homo sapiens glutathione S-transferase alpha 7, pseudogene (GSTA7P), n

gi|298493262|ref|NM\_001003805.2| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial Fo comp

gi|298493307|ref|NM\_001171508.2| Homo sapiens multiple coagulation factor deficiency 2 (MCFD2), trans

gi|298493310|ref|NR\_033740.1| Homo sapiens carboxylesterase 1 pseudogene 2 (CES1P2), non-coding RN

gi|298493315|ref|NR\_033742.1| Homo sapiens FERM domain containing 8 pseudogene 1 (FRMD8P1), non-

gi|298493320|ref|NR\_033743.1| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial Fo complex, s

gi|298566209|ref|NM\_001126057.2| Homo sapiens dermokine (DMKN), transcript variant 5, mRNA; gi|298

gi|298566269|ref|NM\_001162371.2| Homo sapiens uncharacterized LOC728392 (LOC728392), mRNA;

gi|298566296|ref|NR\_033766.1| Homo sapiens forkhead box P2 (FOXP2), transcript variant 7, non-coding R

gi|298566304|ref|NR\_033768.1| Homo sapiens transmembrane emp24 protein transport domain containin

gi|298566305|ref|NM\_001164468.2| Homo sapiens TMED7-TICAM2 readthrough (TMED7-TICAM2), transci

gi|298566308|ref|NR\_033769.1| Homo sapiens ankyrin repeat and SOCS box containing 9 pseudogene 1 (A

gi|298566311|ref|NM\_001190383.1| Homo sapiens glucosamine (UDP-N-acetyl)-2-epimerase/N-acetylman

gi|298566317|ref|NR\_033770.1| Homo sapiens Rho-associated, coiled-coil containing protein kinase 1 pseu

gi|298566318|ref|NM\_203464.2| Homo sapiens adenylate kinase 4 (AK4), nuclear gene encoding mitochon

gi|298566328|ref|NR\_027347.1| Homo sapiens zinc and ring finger 2 pseudogene 2 (ZNRFP2P2), non-coding

gi|298676442|ref|NR\_033772.1| Homo sapiens centromere protein V-like 1 (CENPVL1), non-coding RNA;

gi|298676445|ref|NR\_033773.1| Homo sapiens centromere protein V pseudogene (LOC441495), non-codin

gi|298676473|ref|NR\_033774.1| Homo sapiens brain abundant, membrane attached signal protein 1 pseud

gi|298676478|ref|NR\_033777.1| Homo sapiens testis expressed 21, pseudogene (TEX21P), non-coding RNA

gi|298676487|ref|NM\_002133.2| Homo sapiens heme oxygenase (decycling) 1 (HMOX1), mRNA;

gi|298676489|ref|NR\_033781.1| Homo sapiens hydroxy-delta-5-steroid dehydrogenase, 3 beta, pseudogen

gi|298676494|ref|NR\_033738.1| Homo sapiens chondroitin sulfate proteoglycan 4 pseudogene (LOC44030

gi|298676505|ref|NR\_033789.1| Homo sapiens shadow of prion protein homolog (zebrafish) pseudogene 1

gi|298676513|ref|NM\_001190413.1| Homo sapiens rabphilin 3A-like (without C2 domains) (RPH3AL), trans

gi|298676515|ref|NR\_033791.1| Homo sapiens double C2-like domains, gamma, pseudogene (DOC2GP), nc

gi|298676522|ref|NR\_033792.1| Homo sapiens TAF6 RNA polymerase II, TATA box binding protein (TBP)-as

gi|298676532|ref|NM\_001009881.2| Homo sapiens zinc finger, CCHC domain containing 11 (ZCCHC11), tra

gi|298919180|ref|NM\_001190440.1| Homo sapiens nuclear receptor corepressor 1 (NCOR1), transcript var

gi|298919184|ref|NM\_001190441.1| Homo sapiens lectin, galactoside-binding, soluble, 16 (LGALS16), mRN

gi|298919190|ref|NR\_033798.1| Homo sapiens calpastatin (CAST), transcript variant 12, non-coding RNA; g

gi|298919192|ref|NR\_033799.1| Homo sapiens N-ethylmaleimide-sensitive factor pseudogene 1 (NSFP1), n

gi|298919193|ref|NR\_033800.1| Homo sapiens BRWD1 intronic transcript 2 (non-protein coding) (BRWD1-I

gi|298919195|ref|NR\_033801.1| Homo sapiens solute carrier family 9, subfamily A (NHE7, cation proton an

gi|298919215|ref|NM\_033165.3| Homo sapiens fibroblast growth factor 8 (androgen-induced) (FGF8), tran

gi|298919224|ref|NR\_033795.1| Homo sapiens olfactory receptor, family 1, subfamily D, member 4 (gene/

gi|29893554|ref|NM\_031917.2| Homo sapiens angiotensin-like 6 (ANGPTL6), mRNA;

gi|299115260|ref|NM\_001190447.1| Homo sapiens protein phosphatase 2, regulatory subunit B", alpha (PI

gi|299115880|ref|NR\_015378.2| Homo sapiens uncharacterized LOC401588 (LOC401588), non-coding RNA

gi|299115949|ref|NM\_006727.3| Homo sapiens cadherin 10, type 2 (T2-cadherin) (CDH10), mRNA;

gi|299116114|ref|NM\_001997.4| Homo sapiens Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV) ubiqu

gi|299116298|ref|NM\_001128929.2| Homo sapiens roundabout, axon guidance receptor, homolog 2 (Dros



gi|299116735|ref|NM\_001040663.2| Homo sapiens G antigen 1 (GAGE1), transcript variant 2, mRNA; gi|299116874|ref|NM\_012234.5| Homo sapiens RING1 and YY1 binding protein (RYBP), mRNA; gi|299473738|ref|NM\_001190452.1| Homo sapiens MT-RNR2-like 1 (MTRNR2L1), mRNA; gi|299473751|ref|NM\_001824.3| Homo sapiens creatine kinase, muscle (CKM), mRNA; gi|299473752|ref|NM\_001190460.1| Homo sapiens keratin associated protein 9-1 (KRTAP9-1), mRNA; gi|299473754|ref|NM\_001838.3| Homo sapiens chemokine (C-C motif) receptor 7 (CCR7), mRNA; gi|299473755|ref|NM\_001190462.1| Homo sapiens uncharacterized LOC643037 (LOC643037), mRNA; gi|299473758|ref|NM\_001190463.1| Homo sapiens cystathionase (cystathionine gamma-lyase) (CTH), tran; gi|299473763|ref|NM\_001130726.2| Homo sapiens coiled-coil domain containing 149 (CCDC149), transcrip; gi|299473770|ref|NM\_001190467.1| Homo sapiens putative uncharacterized protein FLJ22184 (FLJ22184), gi|299473780|ref|NM\_001190469.1| Homo sapiens glial cell derived neurotrophic factor (GDNF), transcript; gi|299473782|ref|NM\_001190470.1| Homo sapiens MT-RNR2-like 2 (MTRNR2L2), mRNA; gi|299473784|ref|NM\_001190472.1| Homo sapiens MT-RNR2-like 3 (MTRNR2L3), mRNA; gi|299473790|ref|NM\_001190476.1| Homo sapiens MT-RNR2-like 4 (MTRNR2L4), mRNA; gi|299473794|ref|NM\_001190478.1| Homo sapiens MT-RNR2-like 5 (MTRNR2L5), mRNA; gi|299473796|ref|NM\_001190479.1| Homo sapiens ankyrin repeat domain 63 (ANKRD63), mRNA; gi|299522983|ref|NM\_001190481.1| Homo sapiens claspin (CLSPN), transcript variant 2, mRNA; gi|299522993|ref|NM\_002389.4| Homo sapiens CD46 molecule, complement regulatory protein (CD46), tr; gi|299523022|ref|NR\_033805.1| Homo sapiens uncharacterized LOC220906 (LOC220906), non-coding RNA; gi|299523028|ref|NM\_181744.3| Homo sapiens opsin 5 (OPN5), transcript variant 1, mRNA; gi|299523027|ref|NR\_033809.1| Homo sapiens cytochrome P450, family 3, subfamily A, polypeptide 5 (CYP); gi|299523051|ref|NM\_001190487.1| Homo sapiens MT-RNR2-like 6 (MTRNR2L6), mRNA; gi|299523059|ref|NM\_001190489.1| Homo sapiens MT-RNR2-like 7 (MTRNR2L7), mRNA; gi|299523085|ref|NM\_006010.4| Homo sapiens mesencephalic astrocyte-derived neurotrophic factor (MAI); gi|299523192|ref|NM\_001190702.1| Homo sapiens MT-RNR2-like 8 (MTRNR2L8), mRNA; gi|299523208|ref|NR\_003667.3| Homo sapiens suppressor of G2 allele of SKP1 (S. cerevisiae) pseudogene 1; gi|299523222|ref|NM\_147129.3| Homo sapiens ALS2 C-terminal like (ALS2CL), transcript variant 1, mRNA; gi|299523233|ref|NM\_001190708.1| Homo sapiens MT-RNR2-like 10 (MTRNR2L10), mRNA; gi|299523249|ref|NM\_174936.3| Homo sapiens proprotein convertase subtilisin/kexin type 9 (PCSK9), mRNA; gi|299523262|ref|NM\_182757.3| Homo sapiens ring finger protein 144B (RNF144B), mRNA; gi|299758393|ref|NM\_001190716.1| Homo sapiens dynamin 2 (DNM2), transcript variant 5, mRNA; gi|299758396|ref|NR\_027318.2| Homo sapiens uncharacterized LOC148145 (LOC148145), non-coding RNA; gi|299758399|ref|NM\_144679.2| Homo sapiens chromosome 17 open reading frame 56 (C17orf56), mRNA; gi|299758400|ref|NM\_001937.4| Homo sapiens dermatopontin (DPT), mRNA; gi|299758401|ref|NM\_000143.3| Homo sapiens fumarate hydratase (FH), nuclear gene encoding mitochon; gi|299758402|ref|NM\_080874.3| Homo sapiens ankyrin repeat and SOCS box containing 5 (ASB5), mRNA; gi|299758404|ref|NM\_032783.4| Homo sapiens carbonyl reductase 4 (CBR4), mRNA; gi|299758433|ref|NR\_033824.1| Homo sapiens retinoid X receptor, gamma (RXRG), transcript variant 2, no; gi|299758438|ref|NM\_001190726.1| Homo sapiens RAS-like, estrogen-regulated, growth inhibitor (RERG); gi|299758451|ref|NM\_014636.2| Homo sapiens Ral GEF with PH domain and SH3 binding motif 1 (RALGPS1); gi|299758463|ref|NR\_033825.1| Homo sapiens kelch-like 22 (Drosophila) (KLHL22), transcript variant 2, noi; gi|299758466|ref|NM\_152278.3| Homo sapiens transcription elongation factor A (SII)-like 7 (TCEAL7), mRN; gi|299758475|ref|NM\_001190737.1| Homo sapiens nuclear factor I/B (NFIB), transcript variant 1, mRNA; gi|299758499|ref|NM\_002100.4| Homo sapiens glycophorin B (MNS blood group) (GYPB), mRNA; gi|299782447|ref|NR\_033826.1| Homo sapiens small nuclear ribonucleoprotein D2 pseudogene 2 (SNRPD2); gi|299782482|ref|NM\_001190764.1| Homo sapiens transmembrane protein 238 (TMEM238), mRNA; gi|299782486|ref|NM\_001190765.1| Homo sapiens killer cell lectin-like receptor subfamily F, member 2 (KI

gi|299782488|ref|NM\_001190766.1| Homo sapiens uncharacterized LOC401236 (FLJ23152), mRNA;

gi|299782494|ref|NR\_033827.1| Homo sapiens uncharacterized LOC100132774 (LOC100132774), non-coding RNA;

gi|299782501|ref|NR\_033829.1| Homo sapiens MIR4500 host gene (non-protein coding) (MIR4500HG), non-coding RNA;

gi|299782533|ref|NM\_002241.4| Homo sapiens potassium inwardly-rectifying channel, subfamily J, member 1, mRNA;

gi|299782534|ref|NR\_033832.1| Homo sapiens uncharacterized LOC340113 (LOC340113), non-coding RNA;

gi|299782535|ref|NM\_002311.4| Homo sapiens ligase III, DNA, ATP-dependent (LIG3), nuclear gene encoding protein, mRNA;

gi|299782538|ref|NR\_033833.1| Homo sapiens uncharacterized LOC283688 (LOC283688), non-coding RNA;

gi|299782539|ref|NR\_033834.1| Homo sapiens uncharacterized LOC440119 (FLJ31485), non-coding RNA;

gi|299782540|ref|NM\_005388.4| Homo sapiens phosphatidylcholine transferase (PDCL), mRNA;

gi|299782544|ref|NR\_033835.1| Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class A (PIGA), mRNA;

gi|299782548|ref|NR\_033837.1| Homo sapiens long intergenic non-protein coding RNA 309 (LINC00309), non-coding RNA;

gi|299782549|ref|NR\_033838.1| Homo sapiens uncharacterized LOC158435 (LOC158435), non-coding RNA;

gi|299782550|ref|NR\_033839.1| Homo sapiens uncharacterized LOC399972 (FLJ39051), non-coding RNA;

gi|299782551|ref|NR\_033840.1| Homo sapiens long intergenic non-protein coding RNA 163 (LINC00163), non-coding RNA;

gi|299782552|ref|NR\_033841.1| Homo sapiens uncharacterized LOC200772 (LOC200772), non-coding RNA;

gi|299782554|ref|NR\_033842.1| Homo sapiens TMEM72 antisense RNA 1 (non-protein coding) (TMEM72-AS1), non-coding RNA;

gi|299782555|ref|NR\_033843.1| Homo sapiens uncharacterized LOC646168 (LOC646168), non-coding RNA;

gi|299782556|ref|NR\_033844.1| Homo sapiens uncharacterized LOC253573 (LOC253573), non-coding RNA;

gi|299782559|ref|NM\_138734.2| Homo sapiens neurexin 2 (NRXN2), transcript variant beta, mRNA; gi|299782560|ref|NR\_033847.1| Homo sapiens uncharacterized LOC399821 (FLJ37035), non-coding RNA;

gi|299782561|ref|NR\_033846.1| Homo sapiens uncharacterized LOC283033 (LOC283033), non-coding RNA;

gi|299782562|ref|NR\_033848.1| Homo sapiens uncharacterized LOC283038 (LOC283038), non-coding RNA;

gi|299782563|ref|NR\_033850.1| Homo sapiens uncharacterized LOC283089 (LOC283089), non-coding RNA;

gi|299782565|ref|NR\_033851.1| Homo sapiens serpin peptidase inhibitor, clade B (ovalbumin), member 9 protein, mRNA;

gi|299782566|ref|NR\_033852.1| Homo sapiens uncharacterized LOC283177 (LOC283177), non-coding RNA;

gi|299782567|ref|NM\_003994.5| Homo sapiens KIT ligand (KITLG), transcript variant a, mRNA; gi|299782568|ref|NR\_033853.1| Homo sapiens uncharacterized LOC283194 (LOC283194), non-coding RNA;

gi|299782570|ref|NM\_001190787.1| Homo sapiens Idas protein (MCI), mRNA;

gi|299782572|ref|NR\_033854.1| Homo sapiens uncharacterized LOC283335 (LOC283335), non-coding RNA;

gi|299782575|ref|NR\_033855.1| Homo sapiens long intergenic non-protein coding RNA 485 (LINC00485), non-coding RNA;

gi|299782576|ref|NR\_033856.1| Homo sapiens asparagine synthetase pseudogene (FLJ43315), non-coding RNA;

gi|299782577|ref|NR\_033857.1| Homo sapiens BMS1 homolog, ribosome assembly protein (yeast) pseudogene, non-coding RNA;

gi|299782580|ref|NM\_005932.3| Homo sapiens mitochondrial intermediate peptidase (MIPEP), nuclear gene encoding protein, mRNA;

gi|299782582|ref|NR\_033859.1| Homo sapiens uncharacterized LOC574538 (LOC574538), non-coding RNA;

gi|299782583|ref|NR\_033861.1| Homo sapiens long intergenic non-protein coding RNA 514 (LINC00514), non-coding RNA;

gi|299782586|ref|NM\_001932.4| Homo sapiens membrane protein, palmitoylated 3 (MAGUK p55 subfamily 3), mRNA;

gi|299782588|ref|NR\_033863.1| Homo sapiens uncharacterized LOC401492 (FLJ41200), non-coding RNA;

gi|299782589|ref|NR\_033831.1| Homo sapiens putative uncharacterized protein UNQ6975/PRO21958 (UNQ6975), non-coding RNA;

gi|299782590|ref|NR\_033860.1| Homo sapiens uncharacterized LOC440970 (LOC440970), non-coding RNA;

gi|299782591|ref|NR\_033862.1| Homo sapiens uncharacterized LOC401282 (DKFZp451B082), non-coding RNA;

gi|299782592|ref|NR\_033830.1| Homo sapiens uncharacterized LOC441355 (FLJ39080), non-coding RNA;

gi|299782593|ref|NR\_033858.1| Homo sapiens long intergenic non-protein coding RNA 535 (LINC00535), non-coding RNA;

gi|299782594|ref|NM\_015675.3| Homo sapiens growth arrest and DNA-damage-inducible, beta (GADD45B), mRNA;

gi|299782595|ref|NR\_033849.1| Homo sapiens uncharacterized LOC100128338 (LOC100128338), non-coding RNA;

gi|299782596|ref|NR\_033845.1| Homo sapiens uncharacterized LOC100129427 (LOC100129427), non-coding RNA;

gi|299782597|ref|NR\_033828.1| Homo sapiens uncharacterized LOC100129931 (LOC100129931), non-coding RNA;

gi|299782598|ref|NR\_033864.1| Homo sapiens cytochrome P450, family 4, subfamily F, polypeptide 24, protein, mRNA;

gi|299782599|ref|NR\_033865.1| Homo sapiens CMT1A duplicated region transcript 15 pseudogene 2 (CDRT15L), mRNA; gi|299782600|ref|NM\_001010847.1| Homo sapiens leucine rich repeat containing 38 (LRRC38), mRNA; gi|299782602|ref|NM\_020787.3| Homo sapiens zinc finger protein 624 (ZNF624), mRNA; gi|299782603|ref|NM\_001190790.1| Homo sapiens CMT1A duplicated region transcript 15-like 2 (CDRT15L), mRNA; gi|299782606|ref|NM\_020933.4| Homo sapiens zinc finger protein 317 (ZNF317), transcript variant 1, mRNA; gi|299782609|ref|NR\_033866.1| Homo sapiens protein phosphatase 2, regulatory subunit B'', beta pseudogene 1, mRNA; gi|299782610|ref|NR\_033867.1| Homo sapiens transient receptor potential cation channel, subfamily A, member 1, mRNA; gi|299782611|ref|NR\_033868.1| Homo sapiens heterogeneous nuclear ribonucleoprotein K pseudogene 3 (HNRNP-K-AS1), non-coding RNA; gi|299829172|ref|NR\_033877.1| Homo sapiens long intergenic non-protein coding RNA 548 (LINC00548), non-coding RNA; gi|299829176|ref|NM\_006989.5| Homo sapiens RAS p21 protein activator 4 (RASA4), transcript variant 1, mRNA; gi|299829178|ref|NR\_033878.1| Homo sapiens uncharacterized LOC387895 (LOC387895), non-coding RNA; gi|299829179|ref|NR\_033879.1| Homo sapiens uncharacterized LOC348761 (LOC348761), non-coding RNA; gi|299829181|ref|NM\_001670.2| Homo sapiens armadillo repeat gene deleted in velocardiofacial syndrome 1, mRNA; gi|299829183|ref|NM\_001190796.1| Homo sapiens NCK adaptor protein 1 (NCK1), transcript variant 2, mRNA; gi|299829185|ref|NR\_033880.1| Homo sapiens uncharacterized LOC339822 (LOC339822), non-coding RNA; gi|299829186|ref|NR\_033881.1| Homo sapiens uncharacterized LOC284294 (LOC284294), non-coding RNA; gi|299829187|ref|NR\_033882.1| Homo sapiens MLK7 antisense RNA 1 (non-protein coding) (MLK7-AS1), non-coding RNA; gi|299829190|ref|NR\_033883.1| Homo sapiens uncharacterized LOC339529 (LOC339529), non-coding RNA; gi|299829191|ref|NR\_033884.1| Homo sapiens HIV-1 Tat specific factor 1 pseudogene 2 (HTATSF1P2), non-coding RNA; gi|299829192|ref|NR\_001543.2| Homo sapiens testis-specific transcript, Y-linked 14 (non-protein coding) (TSTY14), non-coding RNA; gi|299829193|ref|NR\_033885.1| Homo sapiens POTE ankyrin domain family, member K, pseudogene (POTEK), non-coding RNA; gi|299829195|ref|NR\_033886.1| Homo sapiens RAD21 antisense RNA 1 (non-protein coding) (RAD21-AS1), non-coding RNA; gi|299829196|ref|NR\_033887.1| Homo sapiens uncharacterized LOC339505 (LOC339505), non-coding RNA; gi|299829199|ref|NM\_014264.4| Homo sapiens polo-like kinase 4 (PLK4), transcript variant 1, mRNA; gi|299829201|ref|NM\_173201.3| Homo sapiens ATPase, Ca++ transporting, cardiac muscle, fast twitch 1 (ATP2A2), mRNA; gi|299829202|ref|NR\_033888.1| Homo sapiens uncharacterized LOC284344 (LOC284344), non-coding RNA; gi|299829204|ref|NR\_033889.1| Homo sapiens uncharacterized LOC440131 (LOC440131), non-coding RNA; gi|299829205|ref|NR\_033890.1| Homo sapiens uncharacterized LOC338817 (LOC338817), non-coding RNA; gi|299829211|ref|NR\_033891.1| Homo sapiens ankyrin repeat domain-containing protein 30B pseudogene 1, mRNA; gi|299829219|ref|NM\_147134.2| Homo sapiens nuclear transcription factor, X-box binding 1 (NFX1), transcript variant 1, mRNA; gi|299829221|ref|NR\_033892.1| Homo sapiens TBC1 domain family, member 3 pseudogene 5 (TBC1D3P5), non-coding RNA; gi|299829222|ref|NM\_173648.3| Homo sapiens coiled-coil domain containing 141 (CCDC141), mRNA; gi|299829228|ref|NR\_033893.1| Homo sapiens uncharacterized LOC286186 (LOC286186), non-coding RNA; gi|299829229|ref|NR\_033894.1| Homo sapiens uncharacterized LOC286114 (LOC286114), non-coding RNA; gi|299829230|ref|NM\_000745.3| Homo sapiens cholinergic receptor, nicotinic, alpha 5 (neuronal) (CHRNA5), mRNA; gi|299829231|ref|NR\_033895.1| Homo sapiens uncharacterized LOC286083 (LOC286083), non-coding RNA; gi|299829232|ref|NR\_033896.1| Homo sapiens uncharacterized LOC441172 (FLJ46906), non-coding RNA; gi|299829233|ref|NR\_033897.1| Homo sapiens uncharacterized LOC285965 (LOC285965), non-coding RNA; gi|299829234|ref|NR\_033898.1| Homo sapiens uncharacterized LOC285577 (LOC285577), non-coding RNA; gi|299829235|ref|NR\_033899.1| Homo sapiens golgin A2 pseudogene (LOC440518), non-coding RNA; gi|299829240|ref|NR\_033900.1| Homo sapiens uncharacterized LOC285441 (LOC285441), non-coding RNA; gi|299829244|ref|NM\_021174.5| Homo sapiens KIAA1967 (KIAA1967), transcript variant 1, mRNA; gi|299829247|ref|NR\_002835.2| Homo sapiens HAS2 antisense RNA 1 (non-protein coding) (HAS2-AS1), non-coding RNA; gi|299829249|ref|NR\_033903.1| Homo sapiens uncharacterized LOC285103 (LOC285103), non-coding RNA; gi|299829250|ref|NR\_033904.1| Homo sapiens uncharacterized protein FLJ39639 (FLJ39639), non-coding RNA; gi|299829253|ref|NM\_014516.3| Homo sapiens CCR4-NOT transcription complex, subunit 3 (CNOT3), mRNA; gi|299829254|ref|NM\_001190809.1| Homo sapiens DEAH (Asp-Glu-Ala-His) box polypeptide 35 (DHX35), transcript variant 1, mRNA

gi|299829258|ref|NM\_001190810.1| Homo sapiens ArfGAP with GTPase domain, ankyrin repeat and PH do  
gi|299829261|ref|NM\_001190811.1| Homo sapiens deleted in azoospermia-like (DAZL), transcript variant 1  
gi|299829263|ref|NR\_033906.1| Homo sapiens golgin A6 family-like 1 pseudogene (LOC442132), non-coding  
gi|299829264|ref|NR\_033907.1| Homo sapiens FSHD region gene 1 pseudogene (LOC642236), non-coding  
gi|299829265|ref|NR\_033908.1| Homo sapiens general transcription factor Ili pseudogene (LOC100288069)  
gi|299829266|ref|NR\_033909.1| Homo sapiens ribonuclease, RNase A family, 2 (liver, eosinophil-derived ne  
gi|299829283|ref|NR\_033869.1| Homo sapiens uncharacterized LOC401164 (LOC401164), non-coding RNA,  
gi|299829288|ref|NR\_033871.1| Homo sapiens uncharacterized LOC400999 (FLJ42351), non-coding RNA;  
gi|299829289|ref|NR\_033872.1| Homo sapiens PCBP1 antisense RNA 1 (non-protein coding) (PCBP1-AS1), r  
gi|299829290|ref|NR\_033873.1| Homo sapiens uncharacterized LOC400955 (FLJ30838), non-coding RNA;  
gi|299829291|ref|NR\_033874.1| Homo sapiens uncharacterized LOC90024 (FLJ20021), non-coding RNA;  
gi|299829292|ref|NR\_033875.1| Homo sapiens uncharacterized LOC400946 (FLJ12334), non-coding RNA;  
gi|299829299|ref|NR\_033876.1| Homo sapiens long intergenic non-protein coding RNA 511 (LINC00511), n  
gi|299890794|ref|NM\_001190819.1| Homo sapiens origin recognition complex, subunit 1 (ORC1), transcrip  
gi|299890796|ref|NR\_033910.1| Homo sapiens uncharacterized LOC100130275 (LOC100130275), non-codi  
gi|299890800|ref|NR\_033912.1| Homo sapiens uncharacterized LOC100129316 (LOC100129316), non-codi  
gi|299890801|ref|NR\_033913.1| Homo sapiens uncharacterized LOC100128593 (LOC100128593), non-codi  
gi|299890802|ref|NR\_033914.1| Homo sapiens long intergenic non-protein coding RNA 254 (LINC00254), n  
gi|299890806|ref|NM\_001190822.1| Homo sapiens SMAD family member 7 (SMAD7), transcript variant 3,  
gi|299890813|ref|NR\_033915.1| Homo sapiens origin recognition complex, subunit 2 (ORC2), transcript var  
gi|299890814|ref|NR\_033917.1| Homo sapiens uncharacterized LOC728228 (LOC728228), non-coding RNA,  
gi|299890815|ref|NR\_033916.1| Homo sapiens hCG1814486 (LOC728724), non-coding RNA;  
gi|299890817|ref|NR\_033918.1| Homo sapiens long intergenic non-protein coding RNA 290 (LINC00290), n  
gi|299890818|ref|NR\_033919.1| Homo sapiens uncharacterized LOC645434 (LOC645434), non-coding RNA,  
gi|299890819|ref|NR\_033920.1| Homo sapiens uncharacterized LOC643714 (LOC643714), non-coding RNA,  
gi|299890820|ref|NR\_033921.1| Homo sapiens uncharacterized LOC643542 (LOC643542), non-coding RNA,  
gi|299890821|ref|NR\_033922.1| Homo sapiens uncharacterized LOC440704 (LOC440704), non-coding RNA,  
gi|299890827|ref|NR\_033923.1| Homo sapiens chromosome 10 open reading frame 136 (C10orf136), non-  
gi|299890828|ref|NR\_033924.1| Homo sapiens CXXC finger protein 1 pseudogene 1 (CXXC1P1), non-coding  
gi|299890830|ref|NM\_022106.2| Homo sapiens family with sequence similarity 217, member B (FAM217B)  
gi|299890835|ref|NR\_033925.1| Homo sapiens uncharacterized LOC400550 (LOC400550), transcript varian  
gi|299890836|ref|NR\_033926.1| Homo sapiens actin, gamma 1 pseudogene (LOC644961), non-coding RNA,  
gi|299890837|ref|NR\_033927.1| Homo sapiens long intergenic non-protein coding RNA 184 (LINC00184), n  
gi|299890838|ref|NR\_033928.1| Homo sapiens uncharacterized LOC389641 (LOC389641), non-coding RNA,  
gi|299890839|ref|NR\_033929.1| Homo sapiens uncharacterized LOC401106 (FLJ34208), non-coding RNA;  
gi|299890840|ref|NR\_033930.1| Homo sapiens uncharacterized LOC646743 (LOC646743), non-coding RNA,  
gi|299890841|ref|NR\_033931.1| Homo sapiens uncharacterized LOC152742 (LOC152742), non-coding RNA,  
gi|299890846|ref|NM\_001190828.1| Homo sapiens Fc fragment of IgG, low affinity IIb, receptor (CD32) (FC  
gi|299890848|ref|NR\_033932.1| Homo sapiens uncharacterized protein FLJ35946 (FLJ35946), non-coding R  
gi|299890852|ref|NM\_001005474.2| Homo sapiens nuclear factor of kappa light polypeptide gene enhance  
gi|299890863|ref|NR\_033933.1| Homo sapiens golgin A8 family, member A pseudogene (LOC653075), non-  
gi|299890866|ref|NR\_033934.1| Homo sapiens mitochondrial ribosomal protein L45 pseudogene 2 (MRPL4  
gi|299890874|ref|NM\_001190837.1| Homo sapiens dynactin 1 (DCTN1), transcript variant 6, mRNA; gi|299  
gi|299890877|ref|NM\_000900.3| Homo sapiens matrix Gla protein (MGP), transcript variant 2, mRNA; gi|29  
gi|299890883|ref|NR\_033936.1| Homo sapiens golgin A2 pseudogene (LOC727849), non-coding RNA;  
gi|300068918|ref|NR\_033968.1| Homo sapiens glucuronidase, beta pseudogene 9 (GUSBP9), non-coding RI  
gi|300068919|ref|NM\_006207.2| Homo sapiens platelet-derived growth factor receptor-like (PDGFRL), mRI

gi|300068922|ref|NM\_001190864.1| Homo sapiens mitochondrial ribosomal protein S35 (MRPS35), nuclea

gi|300068927|ref|NR\_033969.1| Homo sapiens uncharacterized LOC100128054 (LOC100128054), non-codi

gi|300068929|ref|NR\_033970.1| Homo sapiens uncharacterized LOC440117 (LOC440117), non-coding RNA,

gi|300068930|ref|NR\_033971.1| Homo sapiens uncharacterized LOC440034 (DKFZp686K1684), non-coding

gi|300068931|ref|NR\_002777.3| Homo sapiens tripartite motif containing 78, pseudogene (TRIM78P), non-

gi|300068935|ref|NR\_033972.1| Homo sapiens uncharacterized LOC440028 (LOC440028), non-coding RNA,

gi|300068938|ref|NR\_033973.1| Homo sapiens uncharacterized LOC100128505 (LOC100128505), non-codi

gi|300068950|ref|NM\_000299.3| Homo sapiens plakophilin 1 (ectodermal dysplasia/skin fragility syndrome

gi|300068955|ref|NM\_004160.4| Homo sapiens peptide YY (PYY), mRNA;

gi|300068974|ref|NR\_033937.1| Homo sapiens uncharacterized LOC100132077 (LOC100132077), non-codi

gi|300068975|ref|NR\_033938.1| Homo sapiens uncharacterized LOC100131366 (LOC100131366), non-codi

gi|300068976|ref|NR\_033939.1| Homo sapiens uncharacterized LOC100129858 (LOC100129858), non-codi

gi|300068977|ref|NR\_033940.1| Homo sapiens uncharacterized LOC100129620 (LOC100129620), non-codi

gi|300068979|ref|NM\_001190844.1| Homo sapiens transmembrane protein 221 (TMEM221), mRNA;

gi|300068982|ref|NR\_033941.1| Homo sapiens uncharacterized LOC100129515 (LOC100129515), non-codi

gi|300068983|ref|NR\_033943.1| Homo sapiens uncharacterized LOC100129345 (LOC100129345), non-codi

gi|300068984|ref|NR\_033942.1| Homo sapiens Rho guanine nucleotide exchange factor (GEF) 5 pseudogen

gi|300068985|ref|NR\_033944.1| Homo sapiens uncharacterized LOC647323 (LOC647323), non-coding RNA,

gi|300068989|ref|NR\_033946.1| Homo sapiens hCG1654703 (LOC646268), non-coding RNA;

gi|300068990|ref|NR\_033945.1| Homo sapiens uncharacterized LOC647107 (LOC647107), non-coding RNA,

gi|300068991|ref|NR\_033947.1| Homo sapiens uncharacterized LOC644714 (LOC644714), non-coding RNA,

gi|300068994|ref|NR\_033950.1| Homo sapiens purinergic receptor P2X, ligand-gated ion channel, 7 (P2RX7

gi|300069001|ref|NR\_033957.1| Homo sapiens uncharacterized LOC643650 (LOC643650), non-coding RNA,

gi|300069004|ref|NR\_033958.1| Homo sapiens uncharacterized LOC283440 (LOC283440), non-coding RNA,

gi|300069006|ref|NR\_033959.1| Homo sapiens SMG1 homolog, phosphatidylinositol 3-kinase-related kinas

gi|300069007|ref|NR\_033960.1| Homo sapiens uncharacterized LOC442497 (LOC442497), non-coding RNA,

gi|300069014|ref|NM\_001190849.1| Homo sapiens CCR4-NOT transcription complex, subunit 4 (CNOT4), ti

gi|300069018|ref|NR\_033961.1| Homo sapiens striatin, calmodulin binding protein pseudogene (LOC72986

gi|300069027|ref|NR\_033962.1| Homo sapiens uncharacterized LOC441374 (FLJ42969), non-coding RNA;

gi|300069028|ref|NR\_033963.1| Homo sapiens uncharacterized LOC441307 (FLJ44511), non-coding RNA;

gi|300069029|ref|NR\_033964.1| Homo sapiens uncharacterized LOC441025 (LOC441025), non-coding RNA,

gi|300069039|ref|NR\_033965.1| Homo sapiens uncharacterized LOC440952 (FLJ33065), non-coding RNA;

gi|300069047|ref|NR\_033966.1| Homo sapiens uncharacterized LOC440594 (FLJ31662), non-coding RNA;

gi|300069050|ref|NR\_033967.1| Homo sapiens uncharacterized LOC440584 (FLJ32224), non-coding RNA;

gi|300116156|ref|NM\_001127366.2| Homo sapiens paired box 3 (PAX3), transcript variant PAX3I, mRNA; gi

gi|300116182|ref|NM\_005631.4| Homo sapiens smoothened, frizzled family receptor (SMO), mRNA;

gi|300116184|ref|NM\_001170464.2| Homo sapiens cyclin-dependent kinase 17 (CDK17), transcript variant

gi|300116206|ref|NR\_033974.1| Homo sapiens uncharacterized LOC401613 (DKFZp686D0853), non-coding

gi|300116214|ref|NM\_148905.3| Homo sapiens oxysterol binding protein-like 9 (OSBPL9), transcript varian

gi|300116218|ref|NR\_033975.1| Homo sapiens uncharacterized LOC401177 (LOC401177), non-coding RNA,

gi|300116222|ref|NR\_033976.1| Homo sapiens uncharacterized LOC401134 (LOC401134), non-coding RNA,

gi|300116223|ref|NR\_033977.1| Homo sapiens uncharacterized LOC401081 (FLJ22763), non-coding RNA;

gi|300116226|ref|NR\_033978.1| Homo sapiens uncharacterized LOC100287879 (LOC100287879), non-codi

gi|300116235|ref|NM\_001114403.2| Homo sapiens uroplakin 3B-like (UPK3BL), mRNA;

gi|300116237|ref|NR\_033979.1| Homo sapiens HOXD cluster antisense RNA 1 (non-protein coding) (HOXD-

gi|300116239|ref|NR\_033981.1| Homo sapiens uncharacterized LOC400761 (FLJ27354), non-coding RNA;

gi|300116240|ref|NR\_033980.1| Homo sapiens uncharacterized LOC400957 (FLJ16341), non-coding RNA;

gi|300116241|ref|NR\_033982.1| Homo sapiens uncharacterized LOC400685 (LOC400685), non-coding RNA;  
 gi|300116244|ref|NR\_033983.1| Homo sapiens uncharacterized LOC400654 (LOC400654), non-coding RNA;  
 gi|300116248|ref|NR\_033984.1| Homo sapiens uncharacterized LOC400548 (LOC400548), non-coding RNA;  
 gi|300116249|ref|NR\_033985.1| Homo sapiens uncharacterized LOC400533 (FLJ26245), non-coding RNA;  
 gi|300116251|ref|NR\_033986.1| Homo sapiens uncharacterized LOC400238 (LOC400238), non-coding RNA;  
 gi|300116252|ref|NM\_198856.2| Homo sapiens EF-hand calcium binding domain 6 (EFCAB6), transcript var  
 gi|300116254|ref|NM\_001008388.4| Homo sapiens CDGSH iron sulfur domain 2 (CISD2), mRNA;  
 gi|300116257|ref|NR\_033987.1| Homo sapiens uncharacterized LOC400087 (FLJ37505), non-coding RNA;  
 gi|300116259|ref|NR\_033988.1| Homo sapiens uncharacterized LOC400046 (FLJ41278), non-coding RNA;  
 gi|300116266|ref|NR\_033989.1| Homo sapiens NAV2 antisense RNA 4 (non-protein coding) (NAV2-AS4), nc  
 gi|300116270|ref|NM\_001190906.1| Homo sapiens aldo-keto reductase family 1, member D1 (delta 4-3-ke  
 gi|300116277|ref|NM\_002726.4| Homo sapiens prolyl endopeptidase (PREP), mRNA;  
 gi|300116278|ref|NM\_022894.3| Homo sapiens poly(A) polymerase gamma (PAPOLG), mRNA;  
 gi|300116285|ref|NM\_003437.3| Homo sapiens zinc finger protein 136 (ZNF136), mRNA;  
 gi|300116289|ref|NM\_001059.2| Homo sapiens tachykinin receptor 3 (TACR3), mRNA;  
 gi|300116290|ref|NM\_012256.3| Homo sapiens zinc finger protein 212 (ZNF212), mRNA;  
 gi|300116298|ref|NM\_021724.3| Homo sapiens nuclear receptor subfamily 1, group D, member 1 (NR1D1)  
 gi|300116301|ref|NR\_033990.1| Homo sapiens THAP domain containing, apoptosis associated protein 3 ps  
 gi|300116303|ref|NR\_033992.1| Homo sapiens uncharacterized LOC100129250 (LOC100129250), non-codi  
 gi|300116306|ref|NM\_001190918.1| Homo sapiens thyroid hormone receptor, alpha (THRA), transcript var  
 gi|300192905|ref|NM\_006260.4| Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 3 (DNAJC3), r  
 gi|300192908|ref|NM\_001190956.1| Homo sapiens ADAM metalloproteinase domain 18 (ADAM18), transcr  
 gi|300192916|ref|NR\_033995.1| Homo sapiens uncharacterized LOC389247 (LOC389247), non-coding RNA;  
 gi|300192919|ref|NR\_033996.1| Homo sapiens uncharacterized LOC388942 (LOC388942), non-coding RNA;  
 gi|300192932|ref|NM\_006796.2| Homo sapiens AFG3 ATPase family gene 3-like 2 (S. cerevisiae) (AFG3L2),  
 gi|300192941|ref|NM\_133509.3| Homo sapiens RAD51 homolog B (S. cerevisiae) (RAD51B), transcript varia  
 gi|300192960|ref|NM\_001190965.1| Homo sapiens zinc finger, MYM-type 2 (ZMYM2), transcript variant 4,  
 gi|300192970|ref|NR\_033231.2| Homo sapiens sphingomyelin phosphodiesterase 4, neutral membrane (ne  
 gi|300193016|ref|NM\_139173.3| Homo sapiens solute carrier family 9, subfamily B (NHA1, cation proton ai  
 gi|300193021|ref|NM\_033274.3| Homo sapiens ADAM metalloproteinase domain 19 (ADAM19), mRNA;  
 gi|300193028|ref|NM\_001067.3| Homo sapiens topoisomerase (DNA) II alpha 170kDa (TOP2A), mRNA;  
 gi|300193030|ref|NM\_003810.3| Homo sapiens tumor necrosis factor (ligand) superfamily, member 10 (TN  
 gi|300193048|ref|NM\_001190946.1| Homo sapiens family with sequence similarity 193, member B (FAM19  
 gi|300193050|ref|NM\_001190947.1| Homo sapiens TNF receptor-associated factor 1 (TRAF1), transcript va  
 gi|300193073|ref|NM\_003394.3| Homo sapiens wingless-type MMTV integration site family, member 10B  
 gi|300244493|ref|NR\_033997.1| Homo sapiens uncharacterized LOC386597 (LOC386597), non-coding RNA;  
 gi|300244498|ref|NR\_033998.1| Homo sapiens hCG2028352-like (LOC729970), non-coding RNA;  
 gi|300244499|ref|NM\_004764.4| Homo sapiens piwi-like 1 (Drosophila) (PIWIL1), transcript variant 1, mRN  
 gi|300244507|ref|NM\_004798.3| Homo sapiens kinesin family member 3B (KIF3B), mRNA;  
 gi|300244510|ref|NM\_005606.6| Homo sapiens legumain (LGMN), transcript variant 1, mRNA; gi|30024451  
 gi|300244511|ref|NR\_033999.1| Homo sapiens uncharacterized LOC100129148 (LOC100129148), non-codi  
 gi|300244517|ref|NM\_001190979.1| Homo sapiens YY1 associated factor 2 (YAF2), transcript variant 1, mR  
 gi|300244521|ref|NR\_034002.1| Homo sapiens MCF2L antisense RNA 1 (non-protein coding) (MCF2L-AS1),  
 gi|300244523|ref|NR\_034003.1| Homo sapiens hCG1816373-like (LOC100130298), non-coding RNA;  
 gi|300244526|ref|NR\_034004.1| Homo sapiens uncharacterized LOC100132741 (LOC100132741), non-codi  
 gi|300244527|ref|NR\_034005.1| Homo sapiens uncharacterized LOC441501 (FLJ46446), non-coding RNA;  
 gi|300244529|ref|NM\_003619.3| Homo sapiens protease, serine, 12 (neurotrypsin, motopsin) (PRSS12), m

gi|300244532|ref|NM\_175767.2| Homo sapiens interleukin 6 signal transducer (gp130, oncostatin M recep  
gi|300244533|ref|NR\_034006.1| Homo sapiens FSHD region gene 1 pseudogene (LOC100132352), non-cod  
gi|300244540|ref|NM\_016138.4| Homo sapiens coenzyme Q7 homolog, ubiquinone (yeast) (COQ7), nuclea  
gi|300244545|ref|NR\_034007.1| Homo sapiens uncharacterized LOC339894 (LOC339894), non-coding RNA  
gi|300244548|ref|NR\_034008.1| Homo sapiens uncharacterized LOC100498859 (LOC100498859), non-codi  
gi|300244553|ref|NR\_034011.1| Homo sapiens small nucleolar RNA host gene 8 (non-protein coding) (SNH  
gi|300244557|ref|NR\_034013.1| Homo sapiens uncharacterized LOC100131176 (LOC100131176), non-codi  
gi|300244559|ref|NM\_006061.2| Homo sapiens cysteine-rich secretory protein 3 (CRISP3), transcript variar  
gi|300244563|ref|NR\_034014.1| Homo sapiens uncharacterized LOC100131060 (LOC100131060), non-codi  
gi|300244565|ref|NR\_034016.1| Homo sapiens uncharacterized LOC100130954 (LOC100130954), non-codi  
gi|300244567|ref|NM\_004768.3| Homo sapiens serine/arginine-rich splicing factor 11 (SRSF11), transcript v  
gi|300244574|ref|NR\_034018.1| Homo sapiens uncharacterized LOC100130700 (LOC100130700), non-codi  
gi|300244576|ref|NM\_001029853.2| Homo sapiens phosphodiesterase 8B (PDE8B), transcript variant 4, m  
gi|300360484|ref|NR\_003504.3| Homo sapiens glucuronidase, beta pseudogene 2 (GUSBP2), non-coding RI  
gi|300360485|ref|NR\_034021.1| Homo sapiens glucuronidase, beta pseudogene (SMA5), non-coding RNA;  
gi|300360486|ref|NM\_001190991.1| Homo sapiens canopy 2 homolog (zebrafish) (CNPY2), transcript varia  
gi|300360491|ref|NR\_034022.1| Homo sapiens zinc finger protein 655 pseudogene (LOC100131257), non-c  
gi|300360494|ref|NM\_004733.3| Homo sapiens solute carrier family 33 (acetyl-CoA transporter), member  
gi|300360497|ref|NR\_034023.1| Homo sapiens uncharacterized LOC339807 (LOC339807), non-coding RNA  
gi|300360502|ref|NR\_034025.1| Homo sapiens long intergenic non-protein coding RNA 347 (LINC00347), tr  
gi|300360504|ref|NM\_001190995.1| Homo sapiens importin 8 (IPO8), transcript variant 2, mRNA; gi|30036  
gi|300360506|ref|NR\_034026.1| Homo sapiens long intergenic non-protein coding RNA 421 (LINC00421), n  
gi|300360507|ref|NR\_034027.1| Homo sapiens uncharacterized LOC338739 (LOC338739), non-coding RNA  
gi|300360514|ref|NM\_001190996.1| Homo sapiens actin related protein 2/3 complex, subunit 1A, 41kDa (A  
gi|300360525|ref|NR\_034031.1| Homo sapiens zinc finger protein 839 pseudogene (LOC389906), non-codi  
gi|300360527|ref|NR\_034032.1| Homo sapiens uncharacterized LOC100289361 (LOC100289361), non-codi  
gi|300360530|ref|NR\_034033.1| Homo sapiens uncharacterized LOC285972 (LOC285972), non-coding RNA  
gi|300360531|ref|NM\_001191002.1| Homo sapiens glutathione S-transferase omega 1 (GSTO1), transcript  
gi|300360535|ref|NR\_034034.1| Homo sapiens uncharacterized LOC100288748 (LOC100288748), non-codi  
gi|300360555|ref|NR\_034035.1| Homo sapiens serine/arginine-rich splicing factor 10 (SRSF10), transcript v  
gi|300360556|ref|NR\_034036.1| Homo sapiens uncharacterized LOC100130452 (LOC100130452), non-codi  
gi|300360561|ref|NM\_201443.2| Homo sapiens TEA domain family member 4 (TEAD4), transcript variant 3  
gi|300360566|ref|NM\_001191013.1| Homo sapiens glutathione S-transferase omega 2 (GSTO2), transcript  
gi|300360572|ref|NR\_034037.1| Homo sapiens long intergenic non-protein coding RNA 582 (LINC00582), n  
gi|300360575|ref|NM\_002990.4| Homo sapiens chemokine (C-C motif) ligand 22 (CCL22), mRNA;  
gi|300360577|ref|NR\_034039.1| Homo sapiens sorbitol dehydrogenase (SORD), transcript variant 2, non-cc  
gi|300360578|ref|NR\_034040.1| Homo sapiens LGALS8 antisense RNA 1 (non-protein coding) (LGALS8-AS1)  
gi|300360581|ref|NR\_034041.1| Homo sapiens serine/arginine-rich splicing factor 1 (SRSF1), transcript vari  
gi|300360584|ref|NM\_015335.4| Homo sapiens mediator complex subunit 13-like (MED13L), mRNA;  
gi|300388141|ref|NM\_001191022.1| Homo sapiens CCCTC-binding factor (zinc finger protein) (CTCF), trans  
gi|300388151|ref|NM\_197975.2| Homo sapiens butyrophilin-like 3 (BTNL3), mRNA;  
gi|300388157|ref|NM\_001191030.1| Homo sapiens chromosome 17 open reading frame 72 (C17orf72), tra  
gi|300388160|ref|NR\_034054.1| Homo sapiens uncharacterized LOC285547 (LOC285547), non-coding RNA  
gi|300388167|ref|NR\_034055.1| Homo sapiens uncharacterized LOC285326 (LOC285326), non-coding RNA  
gi|300388169|ref|NM\_001191033.1| Homo sapiens family with sequence similarity 59, member B (FAM59B)  
gi|300388173|ref|NM\_001145302.2| Homo sapiens retinoic acid receptor, alpha (RARA), transcript variant  
gi|300388184|ref|NR\_034059.1| Homo sapiens proteasome (prosome, macropain) 26S subunit, non-ATPas

gi|300388191|ref|NR\_034062.1| Homo sapiens hCG1645011-like (LOC100131635), non-coding RNA;

gi|30039687|ref|NM\_178168.1| Homo sapiens olfactory receptor, family 10, subfamily A, member 5 (OR10A5), mRNA;

gi|30061484|ref|NM\_030931.2| Homo sapiens defensin, beta 126 (DEFB126), mRNA;

gi|30061486|ref|NM\_139074.2| Homo sapiens defensin, beta 127 (DEFB127), mRNA;

gi|30061490|ref|NM\_177996.1| Homo sapiens erythrocyte membrane protein band 4.1-like 1 (EPB41L1), transcript variant 1, mRNA;

gi|30061504|ref|NM\_001491.2| Homo sapiens glucosaminyl (N-acetyl) transferase 2, I-branching enzyme (GALNT2), mRNA;

gi|30061555|ref|NM\_005634.2| Homo sapiens SRY (sex determining region Y)-box 3 (SOX3), mRNA;

gi|30061560|ref|NM\_152989.2| Homo sapiens SRY (sex determining region Y)-box 5 (SOX5), transcript variant 1, mRNA;

gi|30061566|ref|NM\_018078.2| Homo sapiens La ribonucleoprotein domain family, member 1B (LARP1B), transcript variant 1, mRNA;

gi|300794717|ref|NM\_007086.3| Homo sapiens WD repeat and HMG-box DNA binding protein 1 (WDHD1), mRNA;

gi|300795014|ref|NM\_003137.4| Homo sapiens SRSF protein kinase 1 (SRPK1), transcript variant 1, mRNA;

gi|300795056|ref|NR\_034070.1| Homo sapiens caspase 12 (gene/pseudogene) (CASP12), transcript variant 1, mRNA;

gi|300795157|ref|NM\_006513.3| Homo sapiens seryl-tRNA synthetase (SARS), transcript variant 1, mRNA;

gi|300795219|ref|NM\_014933.3| Homo sapiens SEC31 homolog A (S. cerevisiae) (SEC31A), transcript variant 1, mRNA;

gi|300795258|ref|NM\_198220.2| Homo sapiens small nuclear ribonucleoprotein polypeptide B (SNRPB2), transcript variant 1, mRNA;

gi|300795299|ref|NM\_016538.2| Homo sapiens sirtuin 7 (SIRT7), mRNA;

gi|300795334|ref|NM\_015987.4| Homo sapiens heme binding protein 1 (HEBP1), mRNA;

gi|300795354|ref|NM\_017841.2| Homo sapiens succinate dehydrogenase complex assembly factor 2 (SDHAF2), mRNA;

gi|300795447|ref|NR\_030583.2| Homo sapiens vault RNA 2-1 (VTRNA2-1), vault RNA;

gi|300795467|ref|NM\_207459.3| Homo sapiens testis expressed 19 (TEX19), mRNA;

gi|300795486|ref|NR\_034095.1| Homo sapiens uncharacterized LOC400456 (LOC400456), non-coding RNA;

gi|300795505|ref|NR\_034096.1| Homo sapiens uncharacterized LOC348751 (FONG), non-coding RNA;

gi|300795525|ref|NR\_034097.1| Homo sapiens JAZF1 antisense RNA 1 (non-protein coding) (JAZF1-AS1), non-coding RNA;

gi|300795563|ref|NM\_012155.2| Homo sapiens echinoderm microtubule associated protein like 2 (EML2), mRNA;

gi|300795568|ref|NM\_000543.4| Homo sapiens sphingomyelin phosphodiesterase 1, acid lysosomal (SMPL1), mRNA;

gi|300795646|ref|NR\_034099.1| Homo sapiens uncharacterized LOC388948 (LOC388948), non-coding RNA;

gi|300795666|ref|NR\_034100.1| Homo sapiens uncharacterized LOC400643 (LOC400643), non-coding RNA;

gi|300795688|ref|NR\_034101.1| Homo sapiens uncharacterized LOC100288346 (LOC100288346), non-coding RNA;

gi|300795749|ref|NR\_034103.1| Homo sapiens uncharacterized LOC100130155 (LOC100130155), non-coding RNA;

gi|300795771|ref|NR\_034104.1| Homo sapiens uncharacterized LOC79015 (LOC79015), non-coding RNA;

gi|300795812|ref|NR\_034106.1| Homo sapiens colorectal neoplasia differentially expressed (non-protein coding) (CND1), non-coding RNA;

gi|300795832|ref|NM\_012240.2| Homo sapiens sirtuin 4 (SIRT4), mRNA;

gi|300795836|ref|NR\_034075.1| Homo sapiens uncharacterized LOC100499177 (LOC100499177), transcript variant 1, mRNA;

gi|300795853|ref|NR\_034107.1| Homo sapiens uncharacterized LOC257396 (LOC257396), non-coding RNA;

gi|300795874|ref|NR\_034108.1| Homo sapiens TRAF3IP2 antisense RNA 1 (non-protein coding) (TRAF3IP2-AS1), non-coding RNA;

gi|300795921|ref|NR\_034079.1| Homo sapiens caspase 4, apoptosis-related cysteine peptidase pseudogene 1 (CASP4P1), non-coding RNA;

gi|300795959|ref|NM\_004623.4| Homo sapiens tetratricopeptide repeat domain 4 (TTC4), mRNA;

gi|300795962|ref|NR\_034080.1| Homo sapiens uncharacterized LOC100130855 (LOC100130855), non-coding RNA;

gi|300795998|ref|NM\_006800.3| Homo sapiens male-specific lethal 3 homolog (Drosophila) (MSL3), transcript variant 1, mRNA;

gi|300796025|ref|NR\_034081.1| Homo sapiens uncharacterized LOC255130 (LOC255130), non-coding RNA;

gi|300796041|ref|NR\_034112.1| Homo sapiens ornithine decarboxylase 1 pseudogene (LOC149086), non-coding RNA;

gi|300796059|ref|NR\_034113.1| Homo sapiens DNAJC27 antisense RNA 1 (non-protein coding) (DNAJC27-AS1), non-coding RNA;

gi|300796063|ref|NR\_034082.1| Homo sapiens uncharacterized LOC100130950 (LOC100130950), non-coding RNA;

gi|300796119|ref|NM\_022146.4| Homo sapiens neuropeptide FF receptor 1 (NPFFR1), mRNA;

gi|300796122|ref|NR\_034083.1| Homo sapiens uncharacterized LOC100130894 (LOC100130894), non-coding RNA;

gi|300796139|ref|NR\_034114.1| Homo sapiens uncharacterized LOC100288123 (LOC100288123), non-coding RNA;

gi|300796161|ref|NR\_034115.1| Homo sapiens uncharacterized LOC729178 (LOC729178), non-coding RNA;



gi|300796181|ref|NM\_001033723.2| Homo sapiens zinc finger protein 704 (ZNF704), mRNA;

gi|300796183|ref|NR\_034148.1| Homo sapiens uncharacterized LOC283143 (LOC283143), non-coding RNA;

gi|300796221|ref|NR\_034116.1| Homo sapiens uncharacterized LOC100129407 (LOC100129407), non-coding RNA;

gi|300796246|ref|NR\_034149.1| Homo sapiens uncharacterized LOC200261 (LOC200261), non-coding RNA;

gi|300796247|ref|NR\_034084.1| Homo sapiens uncharacterized LOC729852 (LOC729852), non-coding RNA;

gi|300796266|ref|NR\_034150.1| Homo sapiens uncharacterized LOC730227 (LOC730227), transcript variant 1, mRNA;

gi|300796342|ref|NM\_001193273.1| Homo sapiens retinoblastoma binding protein 5 (RBBP5), transcript variant 1, mRNA;

gi|300796385|ref|NM\_145804.2| Homo sapiens ankyrin repeat and BTB (POZ) domain containing 2 (ABTB2), mRNA;

gi|300796389|ref|NR\_034152.1| Homo sapiens uncharacterized LOC149950 (LOC149950), non-coding RNA;

gi|300796405|ref|NR\_034119.1| Homo sapiens long intergenic non-protein coding RNA 460 (LINC00460), non-coding RNA;

gi|300796423|ref|NR\_034120.1| Homo sapiens uncharacterized LOC646329 (LOC646329), non-coding RNA;

gi|300796489|ref|NR\_034123.1| Homo sapiens uncharacterized LOC100131067 (LOC100131067), transcript variant 1, mRNA;

gi|300796507|ref|NR\_034124.1| Homo sapiens uncharacterized LOC284751 (LOC284751), non-coding RNA;

gi|300796527|ref|NR\_034125.1| Homo sapiens uncharacterized LOC387723 (LOC387723), non-coding RNA;

gi|300796546|ref|NR\_034126.1| Homo sapiens uncharacterized LOC100129269 (LOC100129269), non-coding RNA;

gi|300796568|ref|NR\_034127.1| Homo sapiens uncharacterized LOC100132356 (LOC100132356), non-coding RNA;

gi|300796572|ref|NM\_003862.2| Homo sapiens fibroblast growth factor 18 (FGF18), mRNA;

gi|300796587|ref|NR\_034128.1| Homo sapiens uncharacterized LOC440900 (LOC440900), non-coding RNA;

gi|300796591|ref|NR\_034085.1| Homo sapiens uncharacterized LOC648987 (LOC648987), transcript variant 1, mRNA;

gi|300796604|ref|NR\_034129.1| Homo sapiens uncharacterized LOC100128098 (LOC100128098), non-coding RNA;

gi|300796625|ref|NR\_034130.1| Homo sapiens uncharacterized LOC100499194 (LOC100499194), non-coding RNA;

gi|300796629|ref|NM\_001005613.2| Homo sapiens ectodysplasin A (EDA), transcript variant 6, mRNA; gi|300796644|ref|NR\_034131.1| Homo sapiens long intergenic non-protein coding RNA 272 (LINC00272), non-coding RNA;

gi|300796648|ref|NM\_001191054.1| Homo sapiens uncharacterized LOC647589 (LOC647589), mRNA;

gi|300796664|ref|NR\_034132.1| Homo sapiens uncharacterized LOC400084 (LOC400084), non-coding RNA;

gi|300796668|ref|NR\_034087.1| Homo sapiens leucine rich repeat containing 37, member A5, pseudogene;

gi|300796686|ref|NM\_152473.2| Homo sapiens endogenous retrovirus group V, member 1 (ERVV-1), mRNA;

gi|300796704|ref|NR\_034133.1| Homo sapiens uncharacterized LOC400655 (LOC400655), non-coding RNA;

gi|300796708|ref|NM\_001191055.1| Homo sapiens endogenous retrovirus group V, member 2 (ERVV-2), mRNA;

gi|300796724|ref|NR\_034134.1| Homo sapiens uncharacterized LOC727982 (LOC727982), non-coding RNA;

gi|300796726|ref|NR\_034088.1| Homo sapiens uncharacterized LOC401109 (LOC401109), non-coding RNA;

gi|300796743|ref|NR\_034135.1| Homo sapiens long intergenic non-protein coding RNA 299 (LINC00299), non-coding RNA;

gi|300796746|ref|NM\_020376.3| Homo sapiens patatin-like phospholipase domain containing 2 (PNPLA2), mRNA;

gi|300796763|ref|NR\_034136.1| Homo sapiens uncharacterized LOC100133461 (LOC100133461), non-coding RNA;

gi|300796766|ref|NR\_034089.1| Homo sapiens uncharacterized LOC100131564 (LOC100131564), non-coding RNA;

gi|300796783|ref|NR\_034137.1| Homo sapiens uncharacterized LOC729013 (LOC729013), non-coding RNA;

gi|300796803|ref|NM\_001134486.2| Homo sapiens guanylate binding protein 5 (GBP5), transcript variant 2, mRNA;

gi|300796870|ref|NM\_001191058.1| Homo sapiens phosphodiesterase 1C, calmodulin-dependent 70kDa (PDE1C), mRNA;

gi|300796910|ref|NR\_034138.1| Homo sapiens uncharacterized LOC100144602 (LOC100144602), non-coding RNA;

gi|300796928|ref|NR\_034139.1| Homo sapiens epididymal protein pseudogene (LOC338963), non-coding RNA;

gi|300796966|ref|NR\_034140.1| Homo sapiens chromosome 12 open reading frame 33 (C12orf33), non-coding RNA;

gi|300796990|ref|NM\_001191061.1| Homo sapiens solute carrier family 25 (mitochondrial carrier: glutamate) member 1 (SLC25A25), mRNA;

gi|300797008|ref|NR\_034142.1| Homo sapiens uncharacterized LOC645591 (LOC645591), transcript variant 1, mRNA;

gi|300797011|ref|NR\_034090.1| Homo sapiens DEAD/H (Asp-Glu-Ala-Asp/His) box helicase 11 like 9 (DDX11), mRNA;

gi|300797090|ref|NR\_034143.1| Homo sapiens uncharacterized LOC729177 (LOC729177), non-coding RNA;

gi|300797095|ref|NR\_034091.1| Homo sapiens uncharacterized LOC100129046 (LOC100129046), non-coding RNA;

gi|300797131|ref|NM\_001193277.1| Homo sapiens midline 1 (Opitz/BBB syndrome) (MID1), transcript variant 1, mRNA;

gi|300797158|ref|NM\_001191320.1| Homo sapiens gamma-aminobutyric acid (GABA) A receptor, beta 3 (C  
 gi|300797220|ref|NR\_034092.1| Homo sapiens uncharacterized LOC100499183 (LOC100499183), non-codi  
 gi|300797255|ref|NM\_203350.2| Homo sapiens zinc finger, RAN-binding domain containing 2 (ZRANB2), tra  
 gi|300797306|ref|NM\_001191322.1| Homo sapiens gremlin 1 (GREM1), transcript variant 3, mRNA; gi|300  
 gi|300797322|ref|NM\_153648.3| Homo sapiens solute carrier family 24 (sodium/potassium/calcium exchar  
 gi|300797343|ref|NM\_001193282.1| Homo sapiens uncharacterized LOC402160 (LOC402160), mRNA;  
 gi|300797365|ref|NM\_152377.2| Homo sapiens chromosome 1 open reading frame 87 (C1orf87), mRNA;  
 gi|300797387|ref|NM\_017915.3| Homo sapiens PARP1 binding protein (PARPBP), mRNA;  
 gi|300797391|ref|NM\_001191324.1| Homo sapiens ring finger protein 138, E3 ubiquitin protein ligase (RNF  
 gi|300797449|ref|NM\_019073.2| Homo sapiens spermatogenesis associated 6 (SPATA6), mRNA;  
 gi|300797470|ref|NM\_018841.5| Homo sapiens guanine nucleotide binding protein (G protein), gamma 12  
 gi|300797490|ref|NM\_017657.4| Homo sapiens aftiphilin (AFTPH), transcript variant 2, mRNA; gi|3007975  
 gi|300797596|ref|NM\_001193285.1| Homo sapiens sirtuin 6 (SIRT6), transcript variant 2, mRNA; gi|300797  
 gi|300797641|ref|NR\_034145.1| Homo sapiens uncharacterized protein FLJ34690 (FLJ34690), transcript var  
 gi|300797683|ref|NM\_030593.2| Homo sapiens sirtuin 2 (SIRT2), transcript variant 2, mRNA; gi|300797663  
 gi|300797741|ref|NR\_034147.1| Homo sapiens uncharacterized LOC149773 (LOC149773), non-coding RNA  
 gi|300863065|ref|NM\_020335.2| Homo sapiens vang-like 2 (van gogh, Drosophila) (VANGL2), mRNA;  
 gi|300863068|ref|NM\_001113498.2| Homo sapiens MAM domain containing glycosylphosphatidylinositol a  
 gi|300863073|ref|NM\_001193301.1| Homo sapiens sema domain, immunoglobulin domain (Ig), transmem  
 gi|300863084|ref|NM\_018947.5| Homo sapiens cytochrome c, somatic (CYCS), nuclear gene encoding mito  
 gi|300863093|ref|NM\_001193306.1| Homo sapiens formyl peptide receptor 1 (FPR1), transcript variant 1, r  
 gi|300863095|ref|NM\_058195.3| Homo sapiens cyclin-dependent kinase inhibitor 2A (CDKN2A), transcript  
 gi|300863104|ref|NM\_001193307.1| Homo sapiens sterile alpha motif domain containing 9 (SAMD9), trans  
 gi|300863106|ref|NM\_001193308.1| Homo sapiens synaptotagmin-like 1 (SYTL1), transcript variant 1, mRN  
 gi|300863109|ref|NM\_152617.3| Homo sapiens ring finger protein 168, E3 ubiquitin protein ligase (RNF168  
 gi|300863121|ref|NM\_173546.2| Homo sapiens kelch domain containing 8B (KLHDC8B), mRNA;  
 gi|300863125|ref|NM\_001193312.1| Homo sapiens chromosome 7 open reading frame 10 (C7orf10), trans  
 gi|300863131|ref|NM\_001040061.2| Homo sapiens chromosome 3 open reading frame 72 (C3orf72), mRN  
 gi|300863132|ref|NM\_014639.3| Homo sapiens tetratricopeptide repeat domain 37 (TTC37), mRNA;  
 gi|300863144|ref|NM\_001145123.2| Homo sapiens protein phosphatase 1, regulatory subunit 17 (PPP1R17  
 gi|30089681|ref|NR\_001293.1| Homo sapiens small nucleolar RNA, C/D box 107 (SNORD107), small nucleol  
 gi|30089682|ref|NR\_001294.1| Homo sapiens small nucleolar RNA, C/D box 64 (SNORD64), small nucleolar  
 gi|30089683|ref|NR\_001295.1| Homo sapiens small nucleolar RNA, C/D box 109A (SNORD109A), small nucl  
 gi|30089918|ref|NM\_178136.1| Homo sapiens polymerase (DNA-directed), delta interacting protein 3 (POL  
 gi|30089920|ref|NM\_172366.2| Homo sapiens F-box protein 16 (FBXO16), mRNA;  
 gi|30089947|ref|NM\_014906.3| Homo sapiens protein phosphatase, Mg2+/Mn2+ dependent, 1E (PPM1E),  
 gi|30089964|ref|NM\_006449.3| Homo sapiens CDC42 effector protein (Rho GTPase binding) 3 (CDC42EP3),  
 gi|30089965|ref|NM\_145057.2| Homo sapiens CDC42 effector protein (Rho GTPase binding) 5 (CDC42EP5),  
 gi|30089979|ref|NM\_003741.2| Homo sapiens chordin (CHRD), mRNA;  
 gi|300934729|ref|NM\_001136036.2| Homo sapiens zinc finger protein 692 (ZNF692), transcript variant 1, n  
 gi|300934749|ref|NM\_032777.9| Homo sapiens G protein-coupled receptor 124 (GPR124), mRNA;  
 gi|300934753|ref|NM\_014388.6| Homo sapiens digestive organ expansion factor homolog (zebrafish) (DIE)  
 gi|300934755|ref|NM\_030773.3| Homo sapiens tubulin, beta 1 class VI (TUBB1), mRNA;  
 gi|300934766|ref|NM\_001173984.2| Homo sapiens bromodomain containing 7 (BRD7), transcript variant 1  
 gi|300934767|ref|NR\_033579.1| Homo sapiens chondroitin sulfate proteoglycan 4 pseudogene (LOC44029  
 gi|300934784|ref|NR\_034053.2| Homo sapiens transportin 3 (TNPO3), transcript variant 3, non-coding RNA  
 gi|300934789|ref|NR\_034154.1| Homo sapiens chromosome 11 open reading frame 92 (C11orf92), non-co

gi|300934875|ref|NM\_001193315.1| Homo sapiens chromosome 14 open reading frame 133 (C14orf133),  
 gi|300937400|ref|NM\_001193322.1| Homo sapiens inhibitor of kappa light polypeptide gene enhancer in B  
 gi|30102939|ref|NM\_178233.1| Homo sapiens otopetrin 3 (OTOP3), mRNA;  
 gi|30102943|ref|NM\_178230.1| Homo sapiens peptidylprolyl isomerase A (cyclophilin A)-like 4A (PPIAL4A),  
 gi|301069317|ref|NM\_018072.5| Homo sapiens HEAT repeat containing 1 (HEATR1), mRNA;  
 gi|301069319|ref|NM\_001002292.3| Homo sapiens wntless homolog (Drosophila) (WLS), transcript variant  
 gi|301069323|ref|NM\_001193335.1| Homo sapiens asporin (ASPN), transcript variant 2, mRNA; gi|301069323|ref|NM\_001193335.1| Homo sapiens asporin (ASPN), transcript variant 2, mRNA;  
 gi|301069328|ref|NR\_034156.1| Homo sapiens Charcot-Leyden crystal protein pseudogene (LGALS17A), no  
 gi|301069332|ref|NM\_032714.2| Homo sapiens inverted formin, FH2 and WH2 domain containing (INF2), t  
 gi|301069350|ref|NM\_001193341.1| Homo sapiens radial spoke head 9 homolog (Chlamydomonas) (RSPH9), mRNA;  
 gi|301069352|ref|NM\_001193342.1| Homo sapiens solute carrier family 13 (sodium-dependent dicarboxylate) (SLC13A1), transcript variant 1, mRNA;  
 gi|301069354|ref|NM\_004374.3| Homo sapiens cytochrome c oxidase subunit VIc (COX6C), nuclear gene ex  
 gi|301069356|ref|NR\_034157.1| Homo sapiens uncharacterized LOC340515 (LOC340515), non-coding RNA;  
 gi|301069364|ref|NM\_001193343.1| Homo sapiens mitochondrial ribosomal protein S18A (MRPS18A), nuc  
 gi|301069370|ref|NR\_034158.1| Homo sapiens nucleoporin 210kDa pseudogene 1 (NUP210P1), non-coding  
 gi|301069383|ref|NM\_001193349.1| Homo sapiens myocyte enhancer factor 2C (MEF2C), transcript varian  
 gi|301069389|ref|NR\_034159.1| Homo sapiens uncharacterized LOC729975 (FLJ30403), non-coding RNA;  
 gi|301069393|ref|NM\_001039775.3| Homo sapiens absent in melanoma 1-like (AIM1L), mRNA;  
 gi|301069400|ref|NR\_034160.1| Homo sapiens uncharacterized LOC100499227 (LOC100499227), non-codi  
 gi|301069404|ref|NR\_034161.1| Homo sapiens uncharacterized FLJ40194 (FLJ40194), non-coding RNA;  
 gi|301069407|ref|NM\_153718.3| Homo sapiens nucleoporin 62kDa (NUP62), transcript variant 3, mRNA; gi  
 gi|301069412|ref|NR\_034162.1| Homo sapiens FLJ43879 protein (FLJ43879), non-coding RNA;  
 gi|301069417|ref|NR\_034163.1| Homo sapiens zinc finger protein 890, pseudogene (ZNF890P), non-coding  
 gi|301069440|ref|NR\_024149.2| Homo sapiens maternally expressed 8 (non-protein coding) (MEG8), non-c  
 gi|301129153|ref|NM\_018199.3| Homo sapiens exonuclease 3'-5' domain containing 2 (EXD2), transcript v  
 gi|301129168|ref|NM\_022105.4| Homo sapiens death inducer-obliterators 1 (DIDO1), transcript variant 1, n  
 gi|301129178|ref|NM\_020415.3| Homo sapiens resistin (RETN), transcript variant 1, mRNA; gi|301129179|ref|NM\_020415.3| Homo sapiens resistin (RETN), transcript variant 1, mRNA;  
 gi|301129186|ref|NM\_001193375.1| Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomple  
 gi|301129191|ref|NR\_034167.1| Homo sapiens DZANK1 antisense RNA 1 (non-protein coding) (DZANK1-AS  
 gi|301129192|ref|NM\_014244.4| Homo sapiens ADAM metalloproteinase with thrombospondin type 1 mot  
 gi|301129194|ref|NR\_034168.1| Homo sapiens spermatogenesis-related protein 7 (SRG7), non-coding RNA  
 gi|301129199|ref|NM\_001193376.1| Homo sapiens telomerase reverse transcriptase (TERT), transcript vari  
 gi|301129202|ref|NR\_034169.1| Homo sapiens family with sequence similarity 133, member B pseudogene  
 gi|301129206|ref|NM\_001193379.1| Homo sapiens uridine-cytidine kinase 1-like 1 (UCKL1), transcript varia  
 gi|301129209|ref|NM\_001193380.1| Homo sapiens interleukin 17 receptor E (IL17RE), transcript variant 6,  
 gi|301129219|ref|NM\_013281.3| Homo sapiens fibronectin leucine rich transmembrane protein 3 (FLRT3),  
 gi|301129224|ref|NM\_138616.3| Homo sapiens Rh blood group, CcEe antigens (RHCE), transcript variant 3,  
 gi|301129237|ref|NR\_034170.1| Homo sapiens uncharacterized LOC645212 (LOC645212), transcript varian  
 gi|301129241|ref|NM\_153707.2| Homo sapiens family with sequence similarity 154, member A (FAM154A),  
 gi|301129243|ref|NR\_034172.1| Homo sapiens KANSL1 antisense RNA 1 (non-protein coding) (KANSL1-AS1  
 gi|301129248|ref|NM\_145241.3| Homo sapiens WD repeat domain 31 (WDR31), transcript variant 3, mRNA;  
 gi|301129261|ref|NM\_023076.4| Homo sapiens unkempt homolog (Drosophila)-like (UNKL), transcript vari  
 gi|301129268|ref|NR\_034176.1| Homo sapiens RUN and FYVE domain containing 4 (RUFY4), transcript vari  
 gi|301129274|ref|NM\_002118.4| Homo sapiens major histocompatibility complex, class II, DM beta (HLA-D  
 gi|301129279|ref|NM\_021131.4| Homo sapiens protein phosphatase 2A activator, regulatory subunit 4 (PP  
 gi|301171139|ref|NR\_036088.1| Homo sapiens microRNA 544b (MIR544B), microRNA;  
 gi|301171147|ref|NR\_036089.1| Homo sapiens microRNA 3137 (MIR3137), microRNA;

gi|301171155|ref|NR\_036090.1| Homo sapiens microRNA 3138 (MIR3138), microRNA;  
 gi|301171162|ref|NR\_036091.1| Homo sapiens microRNA 3139 (MIR3139), microRNA;  
 gi|301171170|ref|NR\_036092.1| Homo sapiens microRNA 3140 (MIR3140), microRNA;  
 gi|301171178|ref|NR\_036093.1| Homo sapiens microRNA 548t (MIR548T), microRNA;  
 gi|301171186|ref|NR\_036094.1| Homo sapiens microRNA 3141 (MIR3141), microRNA;  
 gi|301171197|ref|NR\_036095.1| Homo sapiens microRNA 3142 (MIR3142), microRNA;  
 gi|301171212|ref|NR\_036097.1| Homo sapiens microRNA 548u (MIR548U), microRNA;  
 gi|301171220|ref|NR\_036098.1| Homo sapiens microRNA 3144 (MIR3144), microRNA;  
 gi|301171227|ref|NR\_036099.1| Homo sapiens microRNA 3145 (MIR3145), microRNA;  
 gi|301171237|ref|NR\_036100.1| Homo sapiens microRNA 1273c (MIR1273C), microRNA;  
 gi|301171249|ref|NR\_036101.1| Homo sapiens microRNA 3146 (MIR3146), microRNA;  
 gi|301171258|ref|NR\_036102.1| Homo sapiens microRNA 3147 (MIR3147), microRNA;  
 gi|301171268|ref|NR\_036103.1| Homo sapiens microRNA 548v (MIR548V), microRNA;  
 gi|301171277|ref|NR\_036104.1| Homo sapiens microRNA 3148 (MIR3148), microRNA;  
 gi|301171284|ref|NR\_036105.1| Homo sapiens microRNA 3150a (MIR3150A), microRNA;  
 gi|301171292|ref|NR\_036106.1| Homo sapiens microRNA 3151 (MIR3151), microRNA;  
 gi|301171301|ref|NR\_036107.1| Homo sapiens microRNA 3152 (MIR3152), microRNA;  
 gi|301171312|ref|NR\_036108.1| Homo sapiens microRNA 3153 (MIR3153), microRNA;  
 gi|301171324|ref|NR\_036109.1| Homo sapiens microRNA 3074 (MIR3074), microRNA;  
 gi|301171334|ref|NR\_036110.1| Homo sapiens microRNA 3154 (MIR3154), microRNA;  
 gi|301171343|ref|NR\_036111.1| Homo sapiens microRNA 3155a (MIR3155A), microRNA;  
 gi|301171344|ref|NM\_001193414.1| Homo sapiens tubulin, alpha 8 (TUBA8), transcript variant 2, mRNA; g  
 gi|301171355|ref|NR\_036112.1| Homo sapiens microRNA 3156-1 (MIR3156-1), microRNA;  
 gi|301171364|ref|NR\_036113.1| Homo sapiens microRNA 3157 (MIR3157), microRNA;  
 gi|301171373|ref|NR\_036114.1| Homo sapiens microRNA 3158-1 (MIR3158-1), microRNA;  
 gi|301171382|ref|NR\_036115.1| Homo sapiens microRNA 3158-2 (MIR3158-2), microRNA;  
 gi|301171389|ref|NR\_036116.1| Homo sapiens microRNA 3159 (MIR3159), microRNA;  
 gi|301171397|ref|NR\_036117.1| Homo sapiens microRNA 3160-1 (MIR3160-1), microRNA;  
 gi|301171402|ref|NR\_036118.1| Homo sapiens microRNA 3160-2 (MIR3160-2), microRNA;  
 gi|301171410|ref|NR\_036119.1| Homo sapiens microRNA 3161 (MIR3161), microRNA;  
 gi|301171411|ref|NM\_019111.4| Homo sapiens major histocompatibility complex, class II, DR alpha (HLA-D  
 gi|301171419|ref|NR\_036120.1| Homo sapiens microRNA 3162 (MIR3162), microRNA;  
 gi|301171420|ref|NR\_002187.3| Homo sapiens triosephosphate isomerase 1 pseudogene 2 (TPI1P2), non-c  
 gi|301171429|ref|NR\_036121.1| Homo sapiens microRNA 3163 (MIR3163), microRNA;  
 gi|301171438|ref|NR\_036122.1| Homo sapiens microRNA 3164 (MIR3164), microRNA;  
 gi|301171448|ref|NR\_036123.1| Homo sapiens microRNA 3165 (MIR3165), microRNA;  
 gi|301171455|ref|NR\_036124.1| Homo sapiens microRNA 3166 (MIR3166), microRNA;  
 gi|301171456|ref|NM\_005516.5| Homo sapiens major histocompatibility complex, class I, E (HLA-E), mRNA  
 gi|301171464|ref|NR\_036125.1| Homo sapiens microRNA 1260b (MIR1260B), microRNA;  
 gi|301171473|ref|NR\_036126.1| Homo sapiens microRNA 3167 (MIR3167), microRNA;  
 gi|301171474|ref|NM\_001193417.1| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, X-linked (D  
 gi|301171482|ref|NR\_036127.1| Homo sapiens microRNA 3168 (MIR3168), microRNA;  
 gi|301171490|ref|NR\_036128.1| Homo sapiens microRNA 3169 (MIR3169), microRNA;  
 gi|301171491|ref|NR\_034179.1| Homo sapiens intraflagellar transport 122 homolog (Chlamydomonas) pse  
 gi|301171498|ref|NR\_036129.1| Homo sapiens microRNA 3170 (MIR3170), microRNA;  
 gi|301171516|ref|NR\_036131.1| Homo sapiens microRNA 3173 (MIR3173), microRNA;  
 gi|301171526|ref|NR\_036132.1| Homo sapiens microRNA 1193 (MIR1193), microRNA;

gi|301171535|ref|NM\_001193421.1| Homo sapiens teashirt zinc finger homeobox 2 (TSHZ2), transcript var  
gi|301171544|ref|NR\_036134.1| Homo sapiens microRNA 3118-4 (MIR3118-4), microRNA;  
gi|301171553|ref|NR\_036135.1| Homo sapiens microRNA 3174 (MIR3174), microRNA;  
gi|301171560|ref|NR\_036136.1| Homo sapiens microRNA 3175 (MIR3175), microRNA;  
gi|301171568|ref|NR\_036137.1| Homo sapiens microRNA 3176 (MIR3176), microRNA;  
gi|301171578|ref|NR\_036138.1| Homo sapiens microRNA 3177 (MIR3177), microRNA;  
gi|301171586|ref|NR\_036139.1| Homo sapiens microRNA 3178 (MIR3178), microRNA;  
gi|301171595|ref|NR\_036140.1| Homo sapiens microRNA 3179-1 (MIR3179-1), microRNA;  
gi|301171603|ref|NR\_036141.1| Homo sapiens microRNA 3180-1 (MIR3180-1), microRNA;  
gi|301171611|ref|NR\_036142.1| Homo sapiens microRNA 3180-2 (MIR3180-2), microRNA;  
gi|301171619|ref|NR\_036143.1| Homo sapiens microRNA 3179-2 (MIR3179-2), microRNA;  
gi|301171626|ref|NR\_036144.1| Homo sapiens microRNA 3180-3 (MIR3180-3), microRNA;  
gi|301171635|ref|NR\_036145.1| Homo sapiens microRNA 3179-3 (MIR3179-3), microRNA;  
gi|301171651|ref|NR\_036147.1| Homo sapiens microRNA 3182 (MIR3182), microRNA;  
gi|301171653|ref|NM\_015967.5| Homo sapiens protein tyrosine phosphatase, non-receptor type 22 (lympl  
gi|301171659|ref|NR\_036148.1| Homo sapiens microRNA 3183 (MIR3183), microRNA;  
gi|301171667|ref|NR\_036149.1| Homo sapiens microRNA 3184 (MIR3184), microRNA;  
gi|301171675|ref|NR\_036150.1| Homo sapiens microRNA 3185 (MIR3185), microRNA;  
gi|301171678|ref|NM\_014997.3| Homo sapiens kelch domain containing 10 (KLHDC10), mRNA;  
gi|301171683|ref|NR\_036151.1| Homo sapiens microRNA 3065 (MIR3065), microRNA;  
gi|301171684|ref|NR\_034182.1| Homo sapiens uncharacterized LOC100129196 (LOC100129196), non-codi  
gi|301171690|ref|NR\_036152.1| Homo sapiens microRNA 3186 (MIR3186), microRNA;  
gi|301171700|ref|NR\_036153.1| Homo sapiens microRNA 3156-2 (MIR3156-2), microRNA;  
gi|301171708|ref|NR\_036154.1| Homo sapiens microRNA 3187 (MIR3187), microRNA;  
gi|301171715|ref|NR\_036155.1| Homo sapiens microRNA 3188 (MIR3188), microRNA;  
gi|301171723|ref|NR\_036156.1| Homo sapiens microRNA 3189 (MIR3189), microRNA;  
gi|301171731|ref|NR\_036157.1| Homo sapiens microRNA 320e (MIR320E), microRNA;  
gi|301171738|ref|NR\_036158.1| Homo sapiens microRNA 3190 (MIR3190), microRNA;  
gi|301171746|ref|NR\_036159.1| Homo sapiens microRNA 3191 (MIR3191), microRNA;  
gi|301171754|ref|NR\_036160.1| Homo sapiens microRNA 3192 (MIR3192), microRNA;  
gi|301171761|ref|NR\_036161.1| Homo sapiens microRNA 3193 (MIR3193), microRNA;  
gi|301171769|ref|NR\_036162.1| Homo sapiens microRNA 3194 (MIR3194), microRNA;  
gi|301171776|ref|NR\_036163.1| Homo sapiens microRNA 3196 (MIR3196), microRNA;  
gi|301171791|ref|NR\_036165.1| Homo sapiens microRNA 3118-5 (MIR3118-5), microRNA;  
gi|301171799|ref|NR\_036166.1| Homo sapiens microRNA 548x (MIR548X), microRNA;  
gi|301171807|ref|NR\_036167.1| Homo sapiens microRNA 3197 (MIR3197), microRNA;  
gi|301171814|ref|NR\_036168.1| Homo sapiens microRNA 3198-1 (MIR3198-1), microRNA;  
gi|301171821|ref|NR\_036169.1| Homo sapiens microRNA 3199-1 (MIR3199-1), microRNA;  
gi|301171827|ref|NR\_036170.1| Homo sapiens microRNA 3199-2 (MIR3199-2), microRNA;  
gi|301171833|ref|NR\_036171.1| Homo sapiens microRNA 3200 (MIR3200), microRNA;  
gi|301171837|ref|NR\_036172.1| Homo sapiens microRNA 3201 (MIR3201), microRNA;  
gi|301171841|ref|NR\_036173.1| Homo sapiens microRNA 514b (MIR514B), microRNA;  
gi|301171847|ref|NR\_036174.1| Homo sapiens microRNA 3202-1 (MIR3202-1), microRNA;  
gi|301171857|ref|NR\_036175.1| Homo sapiens microRNA 3202-2 (MIR3202-2), microRNA;  
gi|301171866|ref|NR\_036176.1| Homo sapiens microRNA 1273d (MIR1273D), microRNA;  
gi|301171873|ref|NR\_036177.1| Homo sapiens microRNA 4295 (MIR4295), microRNA;  
gi|301171882|ref|NR\_036178.1| Homo sapiens microRNA 4296 (MIR4296), microRNA;

gi|301171889|ref|NR\_036179.1| Homo sapiens microRNA 4297 (MIR4297), microRNA;  
gi|301171897|ref|NR\_036180.1| Homo sapiens microRNA 378c (MIR378C), microRNA;  
gi|301171907|ref|NR\_036181.1| Homo sapiens microRNA 4293 (MIR4293), microRNA;  
gi|301171914|ref|NR\_036182.1| Homo sapiens microRNA 4294 (MIR4294), microRNA;  
gi|301171923|ref|NR\_036183.1| Homo sapiens microRNA 4301 (MIR4301), microRNA;  
gi|301171929|ref|NR\_036184.1| Homo sapiens microRNA 4299 (MIR4299), microRNA;  
gi|301171936|ref|NR\_036185.1| Homo sapiens microRNA 4298 (MIR4298), microRNA;  
gi|301171944|ref|NR\_036186.1| Homo sapiens microRNA 4300 (MIR4300), microRNA;  
gi|301171953|ref|NR\_036187.1| Homo sapiens microRNA 4304 (MIR4304), microRNA;  
gi|301171961|ref|NR\_036188.1| Homo sapiens microRNA 4302 (MIR4302), microRNA;  
gi|301171972|ref|NR\_036189.1| Homo sapiens microRNA 4303 (MIR4303), microRNA;  
gi|301171980|ref|NR\_036190.1| Homo sapiens microRNA 4305 (MIR4305), microRNA;  
gi|301171989|ref|NR\_036191.1| Homo sapiens microRNA 4306 (MIR4306), microRNA;  
gi|301171997|ref|NR\_036192.1| Homo sapiens microRNA 4309 (MIR4309), microRNA;  
gi|301172006|ref|NR\_036193.1| Homo sapiens microRNA 4307 (MIR4307), microRNA;  
gi|301172015|ref|NR\_036194.1| Homo sapiens microRNA 4308 (MIR4308), microRNA;  
gi|301172024|ref|NR\_036195.1| Homo sapiens microRNA 4310 (MIR4310), microRNA;  
gi|301172033|ref|NR\_036196.1| Homo sapiens microRNA 4311 (MIR4311), microRNA;  
gi|301172041|ref|NR\_036197.1| Homo sapiens microRNA 4312 (MIR4312), microRNA;  
gi|301172048|ref|NR\_036198.1| Homo sapiens microRNA 4313 (MIR4313), microRNA;  
gi|301172055|ref|NR\_036199.1| Homo sapiens microRNA 4315-1 (MIR4315-1), microRNA;  
gi|301172065|ref|NR\_036200.1| Homo sapiens microRNA 4316 (MIR4316), microRNA;  
gi|301172074|ref|NR\_036201.1| Homo sapiens microRNA 4314 (MIR4314), microRNA;  
gi|301172082|ref|NR\_036202.1| Homo sapiens microRNA 4318 (MIR4318), microRNA;  
gi|301172091|ref|NR\_036203.1| Homo sapiens microRNA 4319 (MIR4319), microRNA;  
gi|301172098|ref|NR\_036204.1| Homo sapiens microRNA 4320 (MIR4320), microRNA;  
gi|301172106|ref|NR\_036205.1| Homo sapiens microRNA 4317 (MIR4317), microRNA;  
gi|301172114|ref|NR\_036206.1| Homo sapiens microRNA 4322 (MIR4322), microRNA;  
gi|301172123|ref|NR\_036207.1| Homo sapiens microRNA 4321 (MIR4321), microRNA;  
gi|301172130|ref|NR\_036208.1| Homo sapiens microRNA 4323 (MIR4323), microRNA;  
gi|301172137|ref|NR\_036209.1| Homo sapiens microRNA 4324 (MIR4324), microRNA;  
gi|301172146|ref|NR\_036210.1| Homo sapiens microRNA 4256 (MIR4256), microRNA;  
gi|301172155|ref|NR\_036211.1| Homo sapiens microRNA 4257 (MIR4257), microRNA;  
gi|301172163|ref|NR\_036212.1| Homo sapiens microRNA 4258 (MIR4258), microRNA;  
gi|301172170|ref|NR\_036213.1| Homo sapiens microRNA 4260 (MIR4260), microRNA;  
gi|301172178|ref|NR\_036214.1| Homo sapiens microRNA 4253 (MIR4253), microRNA;  
gi|301172186|ref|NR\_036215.1| Homo sapiens microRNA 4251 (MIR4251), microRNA;  
gi|301172194|ref|NR\_036216.1| Homo sapiens microRNA 4254 (MIR4254), microRNA;  
gi|301172204|ref|NR\_036217.1| Homo sapiens microRNA 4255 (MIR4255), microRNA;  
gi|301172212|ref|NR\_036218.1| Homo sapiens microRNA 4252 (MIR4252), microRNA;  
gi|301172220|ref|NR\_036219.1| Homo sapiens microRNA 4325 (MIR4325), microRNA;  
gi|301172227|ref|NR\_036220.1| Homo sapiens microRNA 4326 (MIR4326), microRNA;  
gi|301172235|ref|NR\_036221.1| Homo sapiens microRNA 4327 (MIR4327), microRNA;  
gi|301172244|ref|NR\_036222.1| Homo sapiens microRNA 4261 (MIR4261), microRNA;  
gi|301172252|ref|NR\_036223.1| Homo sapiens microRNA 4265 (MIR4265), microRNA;  
gi|301172261|ref|NR\_036224.1| Homo sapiens microRNA 4266 (MIR4266), microRNA;  
gi|301172268|ref|NR\_036225.1| Homo sapiens microRNA 4267 (MIR4267), microRNA;

gi|301172276|ref|NR\_036226.1| Homo sapiens microRNA 4262 (MIR4262), microRNA;  
gi|301172284|ref|NR\_036227.1| Homo sapiens microRNA 2355 (MIR2355), microRNA;  
gi|301172291|ref|NR\_036228.1| Homo sapiens microRNA 4268 (MIR4268), microRNA;  
gi|301172298|ref|NR\_036229.1| Homo sapiens microRNA 4269 (MIR4269), microRNA;  
gi|301172308|ref|NR\_036230.1| Homo sapiens microRNA 4263 (MIR4263), microRNA;  
gi|301172317|ref|NR\_036231.1| Homo sapiens microRNA 4264 (MIR4264), microRNA;  
gi|301172326|ref|NR\_036232.1| Homo sapiens microRNA 4270 (MIR4270), microRNA;  
gi|301172334|ref|NR\_036233.1| Homo sapiens microRNA 4271 (MIR4271), microRNA;  
gi|301172342|ref|NR\_036234.1| Homo sapiens microRNA 4272 (MIR4272), microRNA;  
gi|301172350|ref|NR\_036235.1| Homo sapiens microRNA 4273 (MIR4273), microRNA;  
gi|301172358|ref|NR\_036236.1| Homo sapiens microRNA 4276 (MIR4276), microRNA;  
gi|301172366|ref|NR\_036237.1| Homo sapiens microRNA 4275 (MIR4275), microRNA;  
gi|301172374|ref|NR\_036238.1| Homo sapiens microRNA 4274 (MIR4274), microRNA;  
gi|301172383|ref|NR\_036239.1| Homo sapiens microRNA 4281 (MIR4281), microRNA;  
gi|301172391|ref|NR\_036240.1| Homo sapiens microRNA 4277 (MIR4277), microRNA;  
gi|301172397|ref|NR\_036241.1| Homo sapiens microRNA 4279 (MIR4279), microRNA;  
gi|301172406|ref|NR\_036242.1| Homo sapiens microRNA 4278 (MIR4278), microRNA;  
gi|301172415|ref|NR\_036243.1| Homo sapiens microRNA 4280 (MIR4280), microRNA;  
gi|301172423|ref|NR\_036244.1| Homo sapiens microRNA 4282 (MIR4282), microRNA;  
gi|301172432|ref|NR\_036245.1| Homo sapiens microRNA 4285 (MIR4285), microRNA;  
gi|301172441|ref|NR\_036246.1| Homo sapiens microRNA 4283-1 (MIR4283-1), microRNA;  
gi|301172450|ref|NR\_036247.1| Homo sapiens microRNA 4284 (MIR4284), microRNA;  
gi|301172459|ref|NR\_036248.1| Homo sapiens microRNA 4286 (MIR4286), microRNA;  
gi|301172468|ref|NR\_036249.1| Homo sapiens microRNA 4287 (MIR4287), microRNA;  
gi|301172478|ref|NR\_036250.1| Homo sapiens microRNA 4288 (MIR4288), microRNA;  
gi|301172486|ref|NR\_036251.1| Homo sapiens microRNA 4292 (MIR4292), microRNA;  
gi|301172497|ref|NR\_036252.1| Homo sapiens microRNA 4289 (MIR4289), microRNA;  
gi|301172507|ref|NR\_036253.1| Homo sapiens microRNA 4290 (MIR4290), microRNA;  
gi|301172515|ref|NR\_036254.1| Homo sapiens microRNA 4291 (MIR4291), microRNA;  
gi|301172526|ref|NR\_036255.1| Homo sapiens microRNA 4329 (MIR4329), microRNA;  
gi|301172534|ref|NR\_036256.1| Homo sapiens microRNA 4330 (MIR4330), microRNA;  
gi|301172544|ref|NR\_036257.1| Homo sapiens microRNA 500b (MIR500B), microRNA;  
gi|301172553|ref|NR\_036258.1| Homo sapiens microRNA 4328 (MIR4328), microRNA;  
gi|301172564|ref|NR\_036259.1| Homo sapiens microRNA 1184-2 (MIR1184-2), microRNA;  
gi|301172585|ref|NR\_036261.1| Homo sapiens microRNA 1233-2 (MIR1233-2), microRNA;  
gi|301172612|ref|NR\_036264.1| Homo sapiens microRNA 1270-2 (MIR1270-2), microRNA;  
gi|301172622|ref|NR\_036265.1| Homo sapiens microRNA 1972-2 (MIR1972-2), microRNA;  
gi|301172633|ref|NR\_036266.1| Homo sapiens microRNA 1302-9 (MIR1302-9), microRNA;  
gi|301172643|ref|NR\_036267.1| Homo sapiens microRNA 1302-10 (MIR1302-10), microRNA;  
gi|301172654|ref|NR\_036268.1| Homo sapiens microRNA 1302-11 (MIR1302-11), microRNA;  
gi|301172664|ref|NR\_036269.1| Homo sapiens microRNA 3118-6 (MIR3118-6), microRNA;  
gi|301172675|ref|NR\_036270.1| Homo sapiens microRNA 4283-2 (MIR4283-2), microRNA;  
gi|301172685|ref|NR\_036271.1| Homo sapiens microRNA 4315-2 (MIR4315-2), microRNA;  
gi|301172749|ref|NM\_002458.2| Homo sapiens mucin 5B, oligomeric mucus/gel-forming (MUC5B), mRNA;  
gi|301172773|ref|NM\_001193434.1| Homo sapiens chromosome 10 open reading frame 81 (C10orf81), tra  
gi|301173049|ref|NR\_036049.1| Homo sapiens microRNA 1184-1 (MIR1184-1), microRNA;  
gi|301173058|ref|NR\_036050.1| Homo sapiens microRNA 1233-1 (MIR1233-1), microRNA;

gi|301173067|ref|NR\_036051.1| Homo sapiens microRNA 1302-2 (MIR1302-2), microRNA;  
 gi|301173078|ref|NR\_036052.1| Homo sapiens microRNA 1244-1 (MIR1244-1), microRNA;  
 gi|301173087|ref|NR\_036053.1| Homo sapiens microRNA 1270-1 (MIR1270-1), microRNA;  
 gi|301173096|ref|NR\_036054.1| Homo sapiens microRNA 1972-1 (MIR1972-1), microRNA;  
 gi|301173107|ref|NR\_036055.1| Homo sapiens microRNA 2861 (MIR2861), microRNA;  
 gi|301173117|ref|NR\_036056.1| Homo sapiens microRNA 2909 (MIR2909), microRNA;  
 gi|301173127|ref|NR\_036057.1| Homo sapiens microRNA 3115 (MIR3115), microRNA;  
 gi|301173136|ref|NR\_036058.1| Homo sapiens microRNA 3116-1 (MIR3116-1), microRNA;  
 gi|301173144|ref|NR\_036059.1| Homo sapiens microRNA 3116-2 (MIR3116-2), microRNA;  
 gi|301173154|ref|NR\_036060.1| Homo sapiens microRNA 3117 (MIR3117), microRNA;  
 gi|301173164|ref|NR\_036061.1| Homo sapiens microRNA 3118-1 (MIR3118-1), microRNA;  
 gi|301173172|ref|NR\_036062.1| Homo sapiens microRNA 3118-2 (MIR3118-2), microRNA;  
 gi|301173181|ref|NR\_036063.1| Homo sapiens microRNA 3118-3 (MIR3118-3), microRNA;  
 gi|301173189|ref|NR\_036064.1| Homo sapiens microRNA 3119-1 (MIR3119-1), microRNA;  
 gi|301173199|ref|NR\_036065.1| Homo sapiens microRNA 3119-2 (MIR3119-2), microRNA;  
 gi|301173208|ref|NR\_036066.1| Homo sapiens microRNA 3120 (MIR3120), microRNA;  
 gi|301173217|ref|NR\_036067.1| Homo sapiens microRNA 3121 (MIR3121), microRNA;  
 gi|301173226|ref|NR\_036068.1| Homo sapiens microRNA 3122 (MIR3122), microRNA;  
 gi|301173235|ref|NR\_036069.1| Homo sapiens microRNA 3123 (MIR3123), microRNA;  
 gi|301173244|ref|NR\_036070.1| Homo sapiens microRNA 3124 (MIR3124), microRNA;  
 gi|301173253|ref|NR\_036071.1| Homo sapiens microRNA 548s (MIR548S), microRNA;  
 gi|301173260|ref|NR\_036072.1| Homo sapiens microRNA 3125 (MIR3125), microRNA;  
 gi|301173268|ref|NR\_036073.1| Homo sapiens microRNA 3126 (MIR3126), microRNA;  
 gi|301173276|ref|NR\_036074.1| Homo sapiens microRNA 3127 (MIR3127), microRNA;  
 gi|301173284|ref|NR\_036075.1| Homo sapiens microRNA 3128 (MIR3128), microRNA;  
 gi|301173293|ref|NR\_036076.1| Homo sapiens microRNA 3129 (MIR3129), microRNA;  
 gi|301173301|ref|NR\_036077.1| Homo sapiens microRNA 3130-1 (MIR3130-1), microRNA;  
 gi|301173309|ref|NR\_036078.1| Homo sapiens microRNA 3130-2 (MIR3130-2), microRNA;  
 gi|301173331|ref|NR\_036081.1| Homo sapiens microRNA 3131 (MIR3131), microRNA;  
 gi|301173339|ref|NR\_036082.1| Homo sapiens microRNA 3132 (MIR3132), microRNA;  
 gi|301173347|ref|NR\_036083.1| Homo sapiens microRNA 3133 (MIR3133), microRNA;  
 gi|301173354|ref|NR\_036084.1| Homo sapiens microRNA 378b (MIR378B), microRNA;  
 gi|301173362|ref|NR\_036085.1| Homo sapiens microRNA 3134 (MIR3134), microRNA;  
 gi|301173369|ref|NR\_036086.1| Homo sapiens microRNA 3135a (MIR3135A), microRNA;  
 gi|301173376|ref|NR\_036087.1| Homo sapiens microRNA 3136 (MIR3136), microRNA;  
 gi|301336129|ref|NR\_034178.1| Homo sapiens SLIT-ROBO Rho GTPase activating protein 2 pseudogene 2 (:  
 gi|301336131|ref|NR\_034180.1| Homo sapiens POU class 5 homeobox 1 pseudogene 4 (POU5F1P4), non-c  
 gi|301336132|ref|NM\_005985.3| Homo sapiens snail homolog 1 (Drosophila) (SNAI1), mRNA;  
 gi|301336135|ref|NM\_175861.3| Homo sapiens transmembrane and tetratricopeptide repeat containing 1  
 gi|301336139|ref|NM\_001193452.1| Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type m  
 gi|301336144|ref|NM\_015393.3| Homo sapiens prostate androgen-regulated mucin-like protein 1 (PARM1  
 gi|301336149|ref|NM\_001065.3| Homo sapiens tumor necrosis factor receptor superfamily, member 1A (T  
 gi|301336152|ref|NM\_032177.3| Homo sapiens phosphorylated adaptor for RNA export (PHAX), mRNA;  
 gi|301336159|ref|NM\_198080.3| Homo sapiens methionine sulfoxide reductase B3 (MSRB3), transcript var  
 gi|301336167|ref|NM\_032741.4| Homo sapiens 1-acylglycerol-3-phosphate O-acyltransferase 1 (lysophosp  
 gi|301500636|ref|NM\_152616.4| Homo sapiens tripartite motif containing 42 (TRIM42), mRNA;  
 gi|301500638|ref|NM\_020399.3| Homo sapiens golgi-associated PDZ and coiled-coil motif containing (GOP



gi|301500642|ref|NM\_001193465.1| Homo sapiens KAT8 regulatory NSL complex subunit 1 (KANSL1), trans  
 gi|301500652|ref|NR\_036434.1| Homo sapiens arginine/serine-rich coiled-coil 2 (RSRC2), transcript variant  
 gi|301500655|ref|NM\_173561.2| Homo sapiens unc-5 homolog C (C. elegans)-like (UNC5CL), mRNA;  
 gi|301500664|ref|NM\_001007102.2| Homo sapiens I(3)mbt-like 3 (Drosophila) (L3MBTL3), transcript variar  
 gi|301500673|ref|NR\_036437.1| Homo sapiens potassium voltage-gated channel, Shaw-related subfamily, I  
 gi|301500674|ref|NM\_182488.3| Homo sapiens ubiquitin specific peptidase 12 (USP12), mRNA;  
 gi|301500678|ref|NM\_001135629.2| Homo sapiens protein phosphatase 1, regulatory subunit 21 (PPP1R2)  
 gi|301500690|ref|NM\_001143965.2| Homo sapiens TBC1 domain family, member 7 (TBC1D7), transcript va  
 gi|301500693|ref|NM\_030911.3| Homo sapiens cytidine and dCMP deaminase domain containing 1 (CDAD)  
 gi|301500700|ref|NM\_170771.2| Homo sapiens aldehyde dehydrogenase 8 family, member A1 (ALDH8A1),  
 gi|301500703|ref|NM\_152686.3| Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 18 (DNAJC18)  
 gi|301500712|ref|NM\_001039670.2| Homo sapiens intermediate filament family orphan 1 (IFFO1), transcri  
 gi|301500718|ref|NM\_016008.3| Homo sapiens dynein, cytoplasmic 2, light intermediate chain 1 (DYNC2LI  
 gi|301500719|ref|NM\_001101401.2| Homo sapiens SH3-binding domain kinase family, member 2 (SBK2), n  
 gi|301601598|ref|NM\_001193476.1| Homo sapiens solute carrier family 26, member 8 (SLC26A8), transcrip  
 gi|301601612|ref|NR\_036440.1| Homo sapiens POU class 5 homeobox 1 pseudogene 3 (POU5F1P3), non-c  
 gi|301601613|ref|NM\_001264.4| Homo sapiens corneodesmosin (CDSN), mRNA;  
 gi|301601616|ref|NM\_033091.2| Homo sapiens tripartite motif containing 4 (TRIM4), transcript variant bet  
 gi|301601618|ref|NM\_007176.3| Homo sapiens chromosome 14 open reading frame 1 (C14orf1), mRNA;  
 gi|301601619|ref|NM\_001193487.1| Homo sapiens general transcription factor IIA, 1-like (GTF2A1L), transi  
 gi|301601622|ref|NM\_033257.3| Homo sapiens DiGeorge syndrome critical region gene 6-like (DGCR6L), m  
 gi|301601625|ref|NM\_017807.3| Homo sapiens O-sialoglycoprotein endopeptidase (OSGEP), mRNA;  
 gi|301601626|ref|NM\_080593.2| Homo sapiens histone cluster 1, H2bk (HIST1H2BK), mRNA;  
 gi|301601627|ref|NM\_016213.4| Homo sapiens thyroid hormone receptor interactor 4 (TRIP4), mRNA;  
 gi|301601628|ref|NM\_152740.3| Homo sapiens 3-hydroxyisobutyrate dehydrogenase (HIBADH), mRNA;  
 gi|301601631|ref|NM\_001193489.1| Homo sapiens SECIS binding protein 2-like (SECISBP2L), transcript vari  
 gi|301601640|ref|NM\_198097.3| Homo sapiens CCZ1 vacuolar protein trafficking and biogenesis associat  
 gi|301601641|ref|NM\_003038.4| Homo sapiens solute carrier family 1 (glutamate/neutral amino acid trans  
 gi|301601642|ref|NM\_019074.3| Homo sapiens delta-like 4 (Drosophila) (DLL4), mRNA;  
 gi|301601645|ref|NM\_018843.3| Homo sapiens solute carrier family 25, member 40 (SLC25A40), nuclear g  
 gi|301601646|ref|NM\_014106.3| Homo sapiens zinc finger protein 770 (ZNF770), mRNA;  
 gi|301601647|ref|NM\_022142.4| Homo sapiens epididymal sperm binding protein 1 (ELSPBP1), mRNA;  
 gi|301601651|ref|NM\_145111.3| Homo sapiens family with sequence similarity 200, member A (FAM200A)  
 gi|301601656|ref|NM\_015841.3| Homo sapiens adenosine deaminase, RNA-specific (ADAR), transcript vari  
 gi|301601660|ref|NM\_018728.3| Homo sapiens myosin VC (MYO5C), mRNA;  
 gi|301601665|ref|NM\_001018100.3| Homo sapiens myocardial zonula adherens protein (MYZAP), transcrip  
 gi|301601675|ref|NR\_036442.1| Homo sapiens lipase maturation factor 1 (LMF1), transcript variant 4, non-  
 gi|301601679|ref|NR\_036432.1| Homo sapiens hect domain and RLD 2 pseudogene 3 (HERC2P3), non-codii  
 gi|30172539|ref|NR\_001297.1| Homo sapiens protocadherin gamma subfamily B, 8 pseudogene (PCDHGB8  
 gi|30172540|ref|NR\_001298.1| Homo sapiens major histocompatibility complex, class II, DR beta 6 (pseudo  
 gi|30179898|ref|NM\_006941.3| Homo sapiens SRY (sex determining region Y)-box 10 (SOX10), mRNA;  
 gi|30179899|ref|NM\_005986.2| Homo sapiens SRY (sex determining region Y)-box 1 (SOX1), mRNA;  
 gi|30179901|ref|NM\_003107.2| Homo sapiens SRY (sex determining region Y)-box 4 (SOX4), mRNA;  
 gi|30179904|ref|NM\_178272.1| Homo sapiens paired immunoglobulin-like type 2 receptor alpha (PILRA), tra  
 gi|30181231|ref|NM\_013345.2| Homo sapiens G protein-coupled receptor 132 (GPR132), mRNA;  
 gi|301895785|ref|NR\_003671.2| Homo sapiens chromosome X open reading frame 56 pseudogene (LOC72  
 gi|301897117|ref|NM\_032043.2| Homo sapiens BRCA1 interacting protein C-terminal helicase 1 (BRIP1), m

gi|301897277|ref|NM\_001130480.2| Homo sapiens vaccinia related kinase 2 (VRK2), transcript variant 2, mRNA

gi|301897295|ref|NR\_036443.1| Homo sapiens hect domain and RLD 2 pseudogene 9 (HERC2P9), non-coding RNA

gi|301897297|ref|NM\_001193502.1| Homo sapiens transcription factor 24 (TCF24), mRNA;

gi|301897468|ref|NM\_001976.4| Homo sapiens enolase 3 (beta, muscle) (ENO3), transcript variant 1, mRNA

gi|301897486|ref|NM\_017493.6| Homo sapiens OTU domain containing 4 (OTUD4), transcript variant 2, mRNA

gi|301897522|ref|NR\_036445.1| Homo sapiens olfactory receptor, family 5, subfamily AK, member 4 pseudogene

gi|301897557|ref|NR\_036446.1| Homo sapiens actin, gamma pseudogene (LOC283693), non-coding RNA;

gi|301897806|ref|NM\_032546.3| Homo sapiens tripartite motif containing 54 (TRIM54), transcript variant 1, mRNA

gi|301897821|ref|NR\_036447.1| Homo sapiens polycystic kidney disease 1 (autosomal dominant) pseudogene

gi|301897868|ref|NM\_021798.3| Homo sapiens interleukin 21 receptor (IL21R), transcript variant 1, mRNA

gi|301897976|ref|NM\_001193508.1| Homo sapiens RE1-silencing transcription factor (REST), transcript variant 1, mRNA

gi|301898022|ref|NM\_001193509.1| Homo sapiens tetratricopeptide repeat domain 27 (TTC27), transcript variant 1, mRNA

gi|301898112|ref|NM\_183040.2| Homo sapiens dystrobrevin binding protein 1 (DTNBP1), transcript variant 1, mRNA

gi|301898342|ref|NM\_001193511.1| Homo sapiens mitogen-activated protein kinase kinase kinase 12 (MAP3K12), transcript variant 1, mRNA

gi|301898544|ref|NM\_001193515.1| Homo sapiens solute carrier family 30 (zinc transporter), member 6 (SLC30A6), transcript variant 1, mRNA

gi|301898720|ref|NM\_001193517.1| Homo sapiens charged multivesicular body protein 3 (CHMP3), transcript variant 1, mRNA

gi|301898781|ref|NM\_003841.3| Homo sapiens tumor necrosis factor receptor superfamily, member 10c (TNFRSF10C), transcript variant 1, mRNA

gi|302058245|ref|NM\_016256.3| Homo sapiens N-acetylglucosamine-1-phosphodiester alpha-N-acetylglucosaminidase 1 (NAG-1), transcript variant 1, mRNA

gi|302058250|ref|NR\_036455.1| Homo sapiens zinc finger protein 826, pseudogene (ZNF826P), non-coding RNA

gi|302058253|ref|NM\_001193521.1| Homo sapiens RAS protein activator like 1 (GAP1 like) (RASAL1), transcript variant 1, mRNA

gi|302058264|ref|NM\_003728.3| Homo sapiens unc-5 homolog C (C. elegans) (UNC5C), mRNA;

gi|302058266|ref|NM\_001193524.1| Homo sapiens family with sequence similarity 65, member A (FAM65A), transcript variant 1, mRNA

gi|302058270|ref|NR\_036460.1| Homo sapiens adenosine deaminase, tRNA-specific 1 (ADAT1), transcript variant 1, mRNA

gi|302058277|ref|NM\_016310.3| Homo sapiens polymerase (RNA) III (DNA directed) polypeptide K, 12.3 kDa (POLR3K), transcript variant 1, mRNA

gi|302058279|ref|NM\_018383.4| Homo sapiens WD repeat domain 33 (WDR33), transcript variant 1, mRNA

gi|302058284|ref|NR\_036461.1| Homo sapiens histone cluster 2, H2bc (pseudogene) (HIST2H2BC), non-coding RNA

gi|302058285|ref|NM\_024583.4| Homo sapiens secernin 3 (SCRN3), transcript variant 1, mRNA; gi|302058286|ref|NM\_001193525.1| Homo sapiens secernin 3 (SCRN3), transcript variant 2, mRNA

gi|302058288|ref|NM\_006584.3| Homo sapiens chaperonin containing TCP1, subunit 6B (zeta 2) (CCT6B), transcript variant 1, mRNA

gi|302058294|ref|NM\_199294.2| Homo sapiens apoptosis-inducing, TAF9-like domain 1 (APITD1), transcript variant 1, mRNA

gi|302058295|ref|NM\_198544.3| Homo sapiens APITD1-CORT readthrough (APITD1-CORT), transcript variant 1, mRNA

gi|302058298|ref|NM\_001193531.1| Homo sapiens transmembrane protein 116 (TMEM116), transcript variant 1, mRNA

gi|302058303|ref|NM\_205847.2| Homo sapiens GDP-mannose pyrophosphorylase A (GMPPA), transcript variant 1, mRNA

gi|302058304|ref|NM\_001193532.1| Homo sapiens RAB42, member RAS oncogene family (RAB42), transcript variant 1, mRNA

gi|302058310|ref|NM\_003157.4| Homo sapiens NIMA (never in mitosis gene a)-related kinase 4 (NEK4), transcript variant 1, mRNA

gi|302058312|ref|NM\_018310.3| Homo sapiens BRF2, subunit of RNA polymerase III transcription initiation complex (BRF2), transcript variant 1, mRNA

gi|302058313|ref|NM\_017634.3| Homo sapiens potassium channel tetramerisation domain containing 9 (KCTD9), transcript variant 1, mRNA

gi|302129636|ref|NM\_012194.2| Homo sapiens chromosome 11 open reading frame 41 (C11orf41), mRNA

gi|302129639|ref|NR\_036466.1| Homo sapiens uncharacterized LOC100499405 (LOC100499405), non-coding RNA

gi|302129645|ref|NR\_036096.1| Homo sapiens microRNA 3143 (MIR3143), microRNA;

gi|302129646|ref|NM\_016216.3| Homo sapiens debranching enzyme homolog 1 (S. cerevisiae) (DBR1), mRNA

gi|302129647|ref|NM\_016094.3| Homo sapiens COMM domain containing 2 (COMMD2), mRNA;

gi|302129650|ref|NM\_001155.4| Homo sapiens annexin A6 (ANXA6), transcript variant 1, mRNA; gi|302129651|ref|NM\_001155.4| Homo sapiens annexin A6 (ANXA6), transcript variant 2, mRNA

gi|302129655|ref|NM\_007107.3| Homo sapiens signal sequence receptor, gamma (translocon-associated protein) (SSR-G), transcript variant 1, mRNA

gi|302129656|ref|NM\_016141.3| Homo sapiens dynein, cytoplasmic 1, light intermediate chain 1 (DYNC1LI1), transcript variant 1, mRNA

gi|302129661|ref|NM\_138381.3| Homo sapiens oxidoreductase NAD-binding domain containing 1 (OXNAD1), transcript variant 1, mRNA

gi|302129667|ref|NM\_001005159.2| Homo sapiens Scm-like with four mbt domains 1 (SFMBT1), transcript variant 1, mRNA

gi|302129673|ref|NR\_036146.1| Homo sapiens microRNA 548w (MIR548W), microRNA;

gi|302129674|ref|NR\_036164.1| Homo sapiens microRNA 3156-3 (MIR3156-3), microRNA;  
 gi|302129680|ref|NR\_036260.1| Homo sapiens microRNA 1184-3 (MIR1184-3), microRNA;  
 gi|302129681|ref|NM\_021186.3| Homo sapiens zona pellucida glycoprotein 4 (ZP4), mRNA;  
 gi|302129682|ref|NR\_036262.1| Homo sapiens microRNA 1244-2 (MIR1244-2), microRNA;  
 gi|302129683|ref|NR\_036263.1| Homo sapiens microRNA 1244-3 (MIR1244-3), microRNA;  
 gi|302129686|ref|NM\_001193534.1| Homo sapiens F-box and leucine-rich repeat protein 5 (FBXL5), transcript variant 1, mRNA;  
 gi|302148469|ref|NM\_001193552.1| Homo sapiens zinc finger protein 850 (ZNF850), mRNA;  
 gi|302148476|ref|NM\_031461.5| Homo sapiens cysteine-rich secretory protein LCCL domain containing 1 (LCCL1), mRNA;  
 gi|302148482|ref|NR\_036470.1| Homo sapiens hect domain and RLD 2 pseudogene 7 (HERC2P7), non-coding RNA;  
 gi|302148484|ref|NM\_001193557.1| Homo sapiens enhancer of yellow 2 homolog (Drosophila) (ENY2), transcript variant 1, mRNA;  
 gi|302148501|ref|NM\_023078.3| Homo sapiens pyrroline-5-carboxylate reductase-like (PYCRL), mRNA;  
 gi|302148506|ref|NM\_016113.4| Homo sapiens transient receptor potential cation channel, subfamily V, member 1 (TRPV5), mRNA;  
 gi|302148517|ref|NM\_003058.3| Homo sapiens solute carrier family 22 (organic cation transporter), member 1 (SLC22A1), mRNA;  
 gi|302191612|ref|NM\_001193571.1| Homo sapiens cysteine and glycine-rich protein 1 (CSRP1), transcript variant 1, mRNA;  
 gi|302191617|ref|NM\_173728.3| Homo sapiens Rho guanine nucleotide exchange factor (GEF) 15 (ARHGEF15), mRNA;  
 gi|302191628|ref|NM\_024835.3| Homo sapiens gametogenetin binding protein 2 (GGNBP2), mRNA;  
 gi|302191641|ref|NR\_002909.2| Homo sapiens small nucleolar RNA host gene 3 (non-protein coding) (SNHG3), non-coding RNA;  
 gi|302191643|ref|NM\_019010.2| Homo sapiens keratin 20 (KRT20), mRNA;  
 gi|302191644|ref|NM\_001037132.2| Homo sapiens neuronal cell adhesion molecule (NRCAM), transcript variant 1, mRNA;  
 gi|302191659|ref|NR\_036474.1| Homo sapiens G patch domain containing 8 (GPATCH8), transcript variant 1, mRNA;  
 gi|302191680|ref|NM\_023079.4| Homo sapiens ubiquitin-conjugating enzyme E2Z (UBE2Z), mRNA;  
 gi|302191685|ref|NM\_018304.3| Homo sapiens proline rich 11 (PRR11), mRNA;  
 gi|302191698|ref|NM\_016261.3| Homo sapiens tubulin, delta 1 (TUBD1), transcript variant 1, mRNA; gi|302191712|ref|NR\_036477.1| Homo sapiens transmembrane protein 198B, pseudogene (TMEM198B), transcript variant 1, non-coding RNA;  
 gi|30231209|ref|NR\_001317.1| Homo sapiens HLA complex group 4B (non-protein coding) (HCG4B), non-coding RNA;  
 gi|302318879|ref|NM\_001190972.1| Homo sapiens uncharacterized LOC100127983 (LOC100127983), mRNA;  
 gi|302318911|ref|NM\_001193621.1| Homo sapiens uncharacterized protein ENSP00000244321 (LOC390944), non-coding RNA;  
 gi|302318915|ref|NM\_001193623.1| Homo sapiens uncharacterized LOC147646 (LOC147646), mRNA;  
 gi|302318926|ref|NR\_036480.1| Homo sapiens uncharacterized LOC100128881 (LOC100128881), non-coding RNA;  
 gi|302318929|ref|NM\_001193628.1| Homo sapiens uncharacterized LOC147670 (LOC147670), mRNA;  
 gi|302318933|ref|NM\_001193630.1| Homo sapiens zinc finger protein 705D-like (LOC100132396), mRNA;  
 gi|302318943|ref|NM\_182515.3| Homo sapiens zinc finger protein 714 (ZNF714), mRNA;  
 gi|302318944|ref|NR\_036481.1| Homo sapiens FYVE, RhoGEF and PH domain containing 5 pseudogene (LOC100132396), non-coding RNA;  
 gi|302318951|ref|NM\_032152.4| Homo sapiens PML-RARA regulated adaptor molecule 1 (PRAM1), mRNA;  
 gi|302318958|ref|NR\_036482.1| Homo sapiens dpy-19-like 2 pseudogene 3 (C. elegans) (DPY19L2P3), transcript variant 1, non-coding RNA;  
 gi|302318959|ref|NR\_036483.1| Homo sapiens trypsin X3 pseudogene (LOC730441), non-coding RNA;  
 gi|302318963|ref|NR\_036484.1| Homo sapiens uncharacterized LOC154860 (LOC154860), non-coding RNA;  
 gi|302318964|ref|NR\_036485.1| Homo sapiens uncharacterized LOC283104 (LOC283104), non-coding RNA;  
 gi|302318965|ref|NM\_145886.3| Homo sapiens p53-induced death domain protein (PIDD), transcript variant 1, mRNA;  
 gi|302318967|ref|NR\_036486.1| Homo sapiens FGF14 intronic transcript 1 (non-protein coding) (FGF14-IT1), non-coding RNA;  
 gi|302318968|ref|NR\_036487.1| Homo sapiens uncharacterized LOC283481 (LOC283481), non-coding RNA;  
 gi|302318969|ref|NR\_036488.1| Homo sapiens uncharacterized LOC100499467 (LOC100499467), non-coding RNA;  
 gi|302318970|ref|NR\_036489.1| Homo sapiens uncharacterized LOC284215 (LOC284215), non-coding RNA;  
 gi|302318971|ref|NR\_036490.1| Homo sapiens uncharacterized LOC284648 (LOC284648), non-coding RNA;  
 gi|302344751|ref|NM\_001193635.1| Homo sapiens dehydrogenase/reductase (SDR family) member 4 like 1 (SDR4L1), mRNA;  
 gi|302344761|ref|NM\_001193600.1| Homo sapiens sterol carrier protein 2 (SCP2), transcript variant 6, mRNA;  
 gi|302370920|ref|NM\_001029860.3| Homo sapiens F-box protein 43 (FBXO43), transcript variant 2, mRNA;

gi|302370925|ref|NM\_001193640.1| Homo sapiens crumbs homolog 1 (Drosophila) (CRB1), transcript varia

gi|302370952|ref|NM\_001080821.2| Homo sapiens zinc finger protein 799 (ZNF799), mRNA;

gi|302370953|ref|NM\_002112.3| Homo sapiens histidine decarboxylase (HDC), mRNA;

gi|302370954|ref|NM\_012068.5| Homo sapiens activating transcription factor 5 (ATF5), transcript variant 1

gi|302370984|ref|NM\_001080423.2| Homo sapiens glutamate receptor interacting protein 2 (GRIP2), mRNA

gi|302371203|ref|NR\_036494.1| Homo sapiens centrosomal protein 192kDa pseudogene (LOC643201), nor

gi|302371204|ref|NR\_036495.1| Homo sapiens TBC1 domain family, member 2B pseudogene (LOC646938)

gi|302393530|ref|NR\_036496.1| Homo sapiens uncharacterized LOC339803 (LOC339803), non-coding RNA

gi|302393531|ref|NR\_036497.1| Homo sapiens LPP antisense RNA 2 (non-protein coding) (LPP-AS2), non-c

gi|302393532|ref|NR\_036498.1| Homo sapiens opioid growth factor receptor pseudogene (LOC388906), nc

gi|302393533|ref|NR\_036499.1| Homo sapiens uncharacterized LOC389043 (LOC389043), non-coding RNA

gi|302393534|ref|NR\_036500.1| Homo sapiens uncharacterized LOC400236 (LOC400236), non-coding RNA

gi|302393535|ref|NR\_036501.1| Homo sapiens uncharacterized LOC401321 (LOC401321), non-coding RNA

gi|302393536|ref|NR\_036502.1| Homo sapiens uncharacterized LOC439949 (LOC439949), transcript varian

gi|302393541|ref|NR\_036504.1| Homo sapiens uncharacterized LOC728752 (LOC728752), non-coding RNA

gi|302393543|ref|NR\_036505.1| Homo sapiens uncharacterized LOC100128361 (LOC100128361), non-codi

gi|302393544|ref|NR\_036506.1| Homo sapiens peptidylprolyl isomerase A (cyclophilin A) pseudogene (LOC

gi|302393545|ref|NR\_036507.1| Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, as

gi|302393546|ref|NR\_036508.1| Homo sapiens uncharacterized LOC100128398 (LOC100128398), non-codi

gi|302393547|ref|NM\_000374.4| Homo sapiens uroporphyrinogen decarboxylase (UROD), transcript varian

gi|302393555|ref|NR\_036512.1| Homo sapiens uncharacterized LOC100129917 (LOC100129917), transcrip

gi|302393556|ref|NR\_036513.1| Homo sapiens uncharacterized LOC100131138 (LOC100131138), non-codi

gi|302393557|ref|NM\_001100407.2| Homo sapiens chromosome 17 open reading frame 62 (C17orf62), tra

gi|302393565|ref|NM\_016848.5| Homo sapiens SHC (Src homology 2 domain containing) transforming prot

gi|302393579|ref|NR\_036515.1| Homo sapiens uncharacterized LOC284454 (LOC284454), non-coding RNA

gi|302393601|ref|NM\_004700.3| Homo sapiens potassium voltage-gated channel, KQT-like subfamily, men

gi|30240931|ref|NM\_006795.2| Homo sapiens EH-domain containing 1 (EHD1), mRNA;

gi|302486343|ref|NR\_036523.1| Homo sapiens MHC class I polypeptide-related sequence A (MICA), transcr

gi|302488321|ref|NR\_036520.1| Homo sapiens uncharacterized LOC100287042 (LOC100287042), non-codi

gi|302488607|ref|NR\_036522.1| Homo sapiens uncharacterized LOC100128252 (LOC100128252), transcrip

gi|302564745|ref|NM\_001128159.2| Homo sapiens vacuolar protein sorting 53 homolog (S. cerevisiae) (VP

gi|302564758|ref|NM\_057179.2| Homo sapiens twist homolog 2 (Drosophila) (TWIST2), mRNA;

gi|302565115|ref|NM\_001001888.3| Homo sapiens variable charge, X-linked 3B (VCX3B), mRNA;

gi|302565867|ref|NR\_036529.1| Homo sapiens LOC100499484-C9orf174 readthrough (BDAG1), transcript v

gi|302565869|ref|NR\_036526.1| Homo sapiens SUGT1-1300002K09Rik pseudogene (LOC100499484), non-c

gi|302565870|ref|NM\_020893.2| Homo sapiens chromosome 9 open reading frame 174 (C9orf174), mRNA

gi|30260187|ref|NM\_005113.2| Homo sapiens golgin A5 (GOLGA5), mRNA;

gi|302699208|ref|NM\_015100.3| Homo sapiens pogo transposable element with ZNF domain (POGZ), trans

gi|302699227|ref|NR\_036530.1| Homo sapiens uncharacterized LOC100289230 (LOC100289230), non-codi

gi|302699229|ref|NR\_036532.1| Homo sapiens UBAC2 antisense RNA 1 (non-protein coding) (UBAC2-AS1),

gi|302699230|ref|NR\_036533.1| Homo sapiens uncharacterized LOC100499489 (LOC100499489), non-codi

gi|302699246|ref|NM\_001194947.1| Homo sapiens eukaryotic translation initiation factor 4 gamma, 1 (EIF

gi|30315650|ref|NM\_021240.2| Homo sapiens doublesex and mab-3 related transcription factor 3 (DMRT3

gi|303227915|ref|NR\_036534.1| Homo sapiens KCNJ2 antisense RNA 1 (non-protein coding) (KCNJ2-AS1), n

gi|303227923|ref|NM\_001194954.1| Homo sapiens matrin 3 (MATR3), transcript variant 3, mRNA; gi|3032

gi|303227930|ref|NR\_036536.1| Homo sapiens small nucleolar RNA host gene 4 (non-protein coding) (SNH

gi|303227934|ref|NR\_036537.1| Homo sapiens uncharacterized LOC100131320 (LOC100131320), non-codi

gi|303228325|ref|NM\_015983.3| Homo sapiens ubiquitin-conjugating enzyme E2D 4 (putative) (UBE2D4), r

gi|303228326|ref|NM\_001194986.1| Homo sapiens UPF0632 protein A (LOC388630), mRNA;

gi|303228328|ref|NR\_036538.1| Homo sapiens uncharacterized LOC646903 (LOC646903), non-coding RNA,

gi|303228329|ref|NM\_001077697.2| Homo sapiens testis specific protein, Y-linked 3 (TSPY3), mRNA;

gi|303304951|ref|NR\_036539.1| Homo sapiens uncharacterized LOC644656 (LOC644656), non-coding RNA,

gi|303304952|ref|NR\_036540.1| Homo sapiens uncharacterized LOC644242 (LOC644242), non-coding RNA,

gi|303304955|ref|NM\_001105565.2| Homo sapiens smoothelin-like 1 (SMTNL1), mRNA;

gi|303304969|ref|NM\_001143905.2| Homo sapiens chromosome 12 open reading frame 65 (C12orf65), tra

gi|303304976|ref|NM\_001097613.2| Homo sapiens G protein-coupled receptor 89A (GPR89A), transcript v

gi|303304978|ref|NM\_001185115.1| Homo sapiens CD1e molecule (CD1E), transcript variant 8, mRNA; gi|3

gi|303304984|ref|NM\_001014437.2| Homo sapiens cysteinyl-tRNA synthetase (CARS), transcript variant 3,

gi|303304989|ref|NM\_014985.3| Homo sapiens centrosomal protein 152kDa (CEP152), transcript variant 2

gi|303304993|ref|NM\_133177.3| Homo sapiens protein tyrosine phosphatase, receptor type, U (PTPRU), tr

gi|303305000|ref|NM\_032930.2| Homo sapiens chromosome 11 open reading frame 70 (C11orf70), transc

gi|303305004|ref|NM\_024790.6| Homo sapiens centrosome and spindle pole associated protein 1 (CSPP1),

gi|303305008|ref|NM\_001195007.1| Homo sapiens peptidylprolyl isomerase E (cyclophilin E) (PPIE), transc

gi|303324535|ref|NM\_031246.3| Homo sapiens pregnancy specific beta-1-glycoprotein 2 (PSG2), mRNA;

gi|303324540|ref|NM\_001531.2| Homo sapiens major histocompatibility complex, class I-related (MR1), tr

gi|303324554|ref|NM\_001195010.1| Homo sapiens grainyhead-like 3 (Drosophila) (GRHL3), transcript varia

gi|303324558|ref|NM\_001080496.2| Homo sapiens RGP1 retrograde golgi transport homolog (S. cerevisiae

gi|303324584|ref|NR\_036546.1| Homo sapiens uncharacterized LOC100271702 (LOC100271702), non-codi

gi|303324587|ref|NM\_014347.2| Homo sapiens zinc finger protein 324 (ZNF324), mRNA;

gi|303324603|ref|NM\_001195032.1| Homo sapiens chromosome 6 open reading frame 99 (C6orf99), mRN

gi|303519166|ref|NM\_014634.3| Homo sapiens protein phosphatase, Mg<sup>2+</sup>/Mn<sup>2+</sup> dependent, 1F (PPM1F)

gi|303519414|ref|NM\_001195071.1| Homo sapiens transmembrane protein 184B (TMEM184B), transcript

gi|303521336|ref|NM\_001194991.1| Homo sapiens methylphosphate capping enzyme (MEPCE), transcript

gi|303523510|ref|NM\_006106.4| Homo sapiens Yes-associated protein 1 (YAP1), transcript variant 2, mRN

gi|303523894|ref|NM\_016449.3| Homo sapiens chromosome 22 open reading frame 43 (C22orf43), mRNA

gi|30387649|ref|NM\_178353.1| Homo sapiens late cornified envelope 1E (LCE1E), mRNA;

gi|30387655|ref|NM\_178349.1| Homo sapiens late cornified envelope 1B (LCE1B), mRNA;

gi|30410031|ref|NM\_153696.2| Homo sapiens folate hydrolase 1B (FOLH1B), mRNA;

gi|30410038|ref|NM\_178431.1| Homo sapiens late cornified envelope 3A (LCE3A), mRNA;

gi|30410040|ref|NM\_178433.1| Homo sapiens late cornified envelope 3B (LCE3B), mRNA;

gi|30410791|ref|NM\_002818.2| Homo sapiens proteasome (prosome, macropain) activator subunit 2 (PA2

gi|30410795|ref|NM\_176863.1| Homo sapiens proteasome (prosome, macropain) activator subunit 3 (PA2

gi|30410802|ref|NM\_178181.1| Homo sapiens CUB domain containing protein 1 (CDCP1), transcript vari

gi|30425443|ref|NM\_178510.1| Homo sapiens ankyrin repeat and kinase domain containing 1 (ANKK1), mR

gi|30425562|ref|NM\_178570.1| Homo sapiens reticulon 4 receptor-like 2 (RTN4RL2), mRNA;

gi|304282221|ref|NM\_004947.4| Homo sapiens dedicator of cytokinesis 3 (DOCK3), mRNA;

gi|304282222|ref|NM\_000139.4| Homo sapiens membrane-spanning 4-domains, subfamily A, member 2 (M

gi|304282223|ref|NM\_021822.3| Homo sapiens apolipoprotein B mRNA editing enzyme, catalytic polypep

gi|304282224|ref|NM\_001195053.1| Homo sapiens DNA-damage-inducible transcript 3 (DDIT3), transcript

gi|304284844|ref|NR\_036553.1| Homo sapiens FAST kinase domains 3 (FASTKD3), transcript variant 2, non-

gi|304284845|ref|NM\_001195087.1| Homo sapiens AIG2-like domain 1 (A2LD1), transcript variant 2, mRN

gi|304307730|ref|NM\_001195076.1| Homo sapiens chromosome 19 open reading frame 81 (C19orf81), m

gi|304307741|ref|NM\_001195081.1| Homo sapiens uncharacterized LOC100288814 (LOC100288814), mRN

gi|304307744|ref|NM\_001195082.1| Homo sapiens testis expressed 22 (TEX22), mRNA;

gi|304307751|ref|NR\_036549.1| Homo sapiens uncharacterized LOC100129961 (LOC100129961), non-coding RNA; gi|304307757|ref|NM\_014346.2| Homo sapiens TBC1 domain family, member 22A (TBC1D22A), mRNA; gi|304307764|ref|NM\_017621.3| Homo sapiens alkB, alkylation repair homolog 4 (E. coli) (ALKBH4), mRNA; gi|304307765|ref|NR\_033753.2| Homo sapiens leucine rich repeat containing 37, member A11, pseudogene; gi|304307766|ref|NR\_036551.1| Homo sapiens RAD52 motif 1 pseudogene (LOC100131347), non-coding RNA; gi|304307768|ref|NR\_036552.1| Homo sapiens chromosome 21 open reading frame 59 (C21orf59), transcript variant 1, mRNA; gi|304307769|ref|NM\_032306.3| Homo sapiens alkB, alkylation repair homolog 7 (E. coli) (ALKBH7), mRNA; gi|304307770|ref|NM\_198514.3| Homo sapiens NHL repeat containing 2 (NHLRC2), mRNA; gi|304361738|ref|NM\_032020.4| Homo sapiens fucosidase, alpha-L- 2, plasma (FUCA2), mRNA; gi|304361741|ref|NM\_183372.4| Homo sapiens neuroblastoma breakpoint family, member 11 (NBPF11), non-coding RNA; gi|304361746|ref|NM\_000760.3| Homo sapiens colony stimulating factor 3 receptor (granulocyte) (CSF3R), transcript variant 1, mRNA; gi|304361753|ref|NM\_145248.4| Homo sapiens sperm acrosome associated 7 (SPACA7), mRNA; gi|304361759|ref|NM\_001195099.1| Homo sapiens ankyrin repeat domain 28 (ANKRD28), transcript variant 1, mRNA; gi|304361763|ref|NM\_001195101.1| Homo sapiens protein tyrosine phosphatase type IVA, member 2 (PTP4A2), mRNA; gi|304361766|ref|NR\_036556.1| Homo sapiens ankyrin repeat domain 54 (ANKRD54), transcript variant 2, non-coding RNA; gi|304361767|ref|NR\_036555.1| Homo sapiens chromosome 12 open reading frame 36 (C12orf36), non-coding RNA; gi|304361768|ref|NM\_005171.4| Homo sapiens activating transcription factor 1 (ATF1), mRNA; gi|304361769|ref|NM\_173039.2| Homo sapiens aquaporin 11 (AQP11), mRNA; gi|304361770|ref|NM\_023010.3| Homo sapiens UPF3 regulator of nonsense transcripts homolog B (yeast) (UPF3B), mRNA; gi|304361774|ref|NM\_015557.2| Homo sapiens chromodomain helicase DNA binding protein 5 (CHD5), mRNA; gi|304361777|ref|NM\_032341.4| Homo sapiens DNA-damage inducible 1 homolog 2 (S. cerevisiae) (DDI2), mRNA; gi|304365418|ref|NM\_023039.4| Homo sapiens ankyrin repeat, family A (RFXANK-like), 2 (ANKRA2), mRNA; gi|304376254|ref|NM\_001195124.1| Homo sapiens chromosome 16 open reading frame 95 (C16orf95), transcript variant 1, mRNA; gi|304376260|ref|NM\_001195127.1| Homo sapiens forkhead box L1-like (LOC100288524), mRNA; gi|304376265|ref|NM\_001195129.1| Homo sapiens protease, serine, 56 (PRSS56), mRNA; gi|304376267|ref|NR\_036557.1| Homo sapiens 4933406M09Rik pseudogene (LOC401980), non-coding RNA; gi|304376268|ref|NM\_001195131.1| Homo sapiens uncharacterized LOC100130890 (LOC100130890), mRNA; gi|304376274|ref|NM\_001178097.2| Homo sapiens chromosome 12 open reading frame 74 (C12orf74), transcript variant 1, mRNA; gi|304376279|ref|NM\_001195135.1| Homo sapiens uncharacterized LOC646862 (LOC646862), mRNA; gi|304376291|ref|NM\_001195138.1| Homo sapiens GTPase IMAP family member-like (LOC100507096), mRNA; gi|304376300|ref|NM\_001195141.1| Homo sapiens Treacher Collins-Franceschetti syndrome 1 (TCOF1), transcript variant 1, mRNA; gi|304376315|ref|NM\_001195150.1| Homo sapiens uncharacterized LOC100130705 (LOC100130705), mRNA; gi|304376325|ref|NM\_178422.5| Homo sapiens progesterone and adipoQ receptor family member VII (PAQR7), mRNA; gi|304434524|ref|NM\_178348.2| Homo sapiens late cornified envelope 1A (LCE1A), mRNA; gi|304434525|ref|NM\_001080497.2| Homo sapiens multiple EGF-like-domains 9 (MEGF9), mRNA; gi|304434529|ref|NM\_152298.3| Homo sapiens nuclear autoantigenic sperm protein (histone-binding) (NAHSP), mRNA; gi|304434533|ref|NM\_022112.2| Homo sapiens tumor protein p53 regulated apoptosis inducing protein 1 (TP53R1), mRNA; gi|304434540|ref|NM\_178354.2| Homo sapiens late cornified envelope 1F (LCE1F), mRNA; gi|304434551|ref|NM\_001146182.1| Homo sapiens keratin associated protein 16-1 (KRTAP16-1), mRNA; gi|304434689|ref|NM\_001195144.1| Homo sapiens ankyrin repeat domain 44 (ANKRD44), transcript variant 1, mRNA; gi|304434703|ref|NM\_001195156.1| Homo sapiens ZMYM6 neighbor (ZMYM6NB), mRNA; gi|304434795|ref|NM\_001029865.2| Homo sapiens developing brain homeobox 1 (DBX1), mRNA; gi|304434797|ref|NM\_001080521.2| Homo sapiens Ras association (RalGDS/AF-6) domain family (N-terminal domain) (RAF60), mRNA; gi|304434805|ref|NM\_001195190.1| Homo sapiens uncharacterized LOC730159 (LOC730159), mRNA; gi|304434816|ref|NM\_005998.4| Homo sapiens chaperonin containing TCP1, subunit 3 (gamma) (CCT3), transcript variant 1, mRNA; gi|304434829|ref|NR\_036570.1| Homo sapiens paired immunoglobulin-like type 2 receptor beta (PILRB), transcript variant 1, mRNA; gi|304435904|ref|NM\_012227.2| Homo sapiens GTP binding protein 6 (putative) (GTPBP6), mRNA;

gi|304555587|ref|NM\_001195203.1| Homo sapiens eukaryotic translation elongation factor 1 delta (guanir  
gi|304555589|ref|NM\_152494.3| Homo sapiens DC-STAMP domain containing 1 (DCST1), transcript variant  
gi|304555593|ref|NM\_032880.4| Homo sapiens immunoglobulin superfamily, member 21 (IGSF21), mRNA;  
gi|304555607|ref|NM\_182560.2| Homo sapiens chromosome 14 open reading frame 177 (C14orf177), mR  
gi|304555609|ref|NM\_152347.4| Homo sapiens chromosome 17 open reading frame 57 (C17orf57), transc  
gi|304555613|ref|NM\_152743.3| Homo sapiens BRCA1-associated ATM activator 1 (BRAT1), mRNA;  
gi|304571940|ref|NM\_001195201.1| Homo sapiens coiled-coil domain containing 107 (CCDC107), transcrip  
gi|304571942|ref|NM\_181449.2| Homo sapiens CD300e molecule (CD300E), mRNA;  
gi|304571944|ref|NM\_001014985.2| Homo sapiens glycolipid transfer protein domain containing 2 (GLTPD  
gi|304571964|ref|NM\_001195215.1| Homo sapiens DENN/MADD domain containing 1B (DENND1B), transc  
gi|304571968|ref|NM\_198317.2| Homo sapiens kelch-like 17 (Drosophila) (KLHL17), mRNA;  
gi|304571971|ref|NM\_022731.4| Homo sapiens nuclear casein kinase and cyclin-dependent kinase substrat  
gi|304571972|ref|NM\_001123375.2| Homo sapiens histone cluster 2, H3d (HIST2H3D), mRNA;  
gi|304571973|ref|NM\_016286.3| Homo sapiens dicarbonyl/L-xylulose reductase (DCXR), transcript variant  
gi|304571976|ref|NM\_023013.2| Homo sapiens PRAME family member 1 (PRAMEF1), mRNA;  
gi|304647594|ref|NM\_001195220.1| Homo sapiens zinc finger family member 783 (ZNF783), mRNA;  
gi|30474867|ref|NM\_006415.2| Homo sapiens serine palmitoyltransferase, long chain base subunit 1 (SPTL  
gi|30474868|ref|NM\_032023.3| Homo sapiens Ras association (RalGDS/AF-6) domain family member 4 (RA  
gi|304766238|ref|NM\_173834.3| Homo sapiens Yip1 domain family, member 6 (YIPF6), transcript variant A  
gi|304766517|ref|NM\_001193336.2| Homo sapiens SEC14-like 6 (S. cerevisiae) (SEC14L6), mRNA;  
gi|304766522|ref|NM\_020314.5| Homo sapiens chromosome 16 open reading frame 62 (C16orf62), mRNA  
gi|304766526|ref|NR\_036573.1| Homo sapiens AI894139 pseudogene (LOC155060), non-coding RNA;  
gi|304766540|ref|NM\_015932.5| Homo sapiens proteasome maturation protein (POMP), mRNA;  
gi|304766544|ref|NR\_015358.2| Homo sapiens uncharacterized LOC646113 (FLJ43390), non-coding RNA;  
gi|304766649|ref|NM\_017636.3| Homo sapiens transient receptor potential cation channel, subfamily M, r  
gi|304766735|ref|NM\_016335.4| Homo sapiens proline dehydrogenase (oxidase) 1 (PRODH), nuclear gene  
gi|305377071|ref|NM\_001195234.1| Homo sapiens tripartite motif containing 49-like 2 (TRIM49L2), mRNA  
gi|305410788|ref|NM\_001195102.1| Homo sapiens glutathione reductase (GSR), transcript variant 2, mRN  
gi|305410808|ref|NM\_001195243.1| Homo sapiens uncharacterized LOC100287482 (LOC100287482), mRN  
gi|305410828|ref|NM\_001195248.1| Homo sapiens aprataxin (APTX), transcript variant 6, mRNA; gi|30541  
gi|305410839|ref|NR\_036575.1| Homo sapiens uncharacterized LOC729966 (LOC729966), non-coding RNA,  
gi|305410847|ref|NM\_001195256.1| Homo sapiens uncharacterized LOC100507003 (LOC100507003), mRN  
gi|305410849|ref|NM\_001195257.1| Homo sapiens defensin, beta 130-like (LOC100133267), mRNA;  
gi|305410851|ref|NM\_016499.5| Homo sapiens transmembrane protein 216 (TMEM216), transcript varian  
gi|305410854|ref|NR\_036580.1| Homo sapiens uncharacterized LOC389023 (LOC389023), non-coding RNA,  
gi|305410857|ref|NM\_015717.3| Homo sapiens CD207 molecule, langerin (CD207), mRNA;  
gi|305410859|ref|NM\_001195259.1| Homo sapiens uncharacterized LOC100507588 (LOC100507588), mRN  
gi|305410862|ref|NM\_022359.5| Homo sapiens phosphodiesterase 4D interacting protein (PDE4DIP), trans  
gi|305410872|ref|NR\_036581.1| Homo sapiens uncharacterized LOC100289255 (LOC100289255), non-codi  
gi|305410879|ref|NM\_002460.3| Homo sapiens interferon regulatory factor 4 (IRF4), transcript variant 1, n  
gi|305410880|ref|NM\_020378.3| Homo sapiens N-acetyltransferase 14 (GCN5-related, putative) (NAT14), r  
gi|305632778|ref|NM\_001195223.1| Homo sapiens asparagine-linked glycosylation 1-like (ALG1L), transcrip  
gi|305632780|ref|NM\_019013.2| Homo sapiens family with sequence similarity 64, member A (FAM64A), t  
gi|305632787|ref|NM\_001195263.1| Homo sapiens PDZ domain containing 7 (PDZD7), transcript variant 1,  
gi|305632792|ref|NM\_001195272.1| Homo sapiens testis expressed sequence 13-like (LOC100129520), mF  
gi|305632806|ref|NM\_001195278.1| Homo sapiens transmembrane protein 178-like (LOC100507421), mR  
gi|305632809|ref|NM\_001195279.1| Homo sapiens uncharacterized LOC100129480 (LOC100129480), mRN

gi|305632811|ref|NM\_021009.5| Homo sapiens ubiquitin C (UBC), mRNA;

gi|305632812|ref|NR\_036583.1| Homo sapiens uncharacterized LOC100129361 (LOC100129361), non-coding RNA;

gi|305632813|ref|NM\_001195280.1| Homo sapiens leucine rich repeat containing 72 (LRR72), mRNA;

gi|305632819|ref|NM\_001195283.1| Homo sapiens feline leukemia virus subgroup C cellular receptor family 1 member 1 (FELV-SCC-RCR1), mRNA;

gi|305632821|ref|NR\_036584.1| Homo sapiens uncharacterized LOC100289650 (LOC100289650), non-coding RNA;

gi|305632832|ref|NR\_036586.1| Homo sapiens uncharacterized LOC400958 (LOC400958), non-coding RNA;

gi|305632833|ref|NM\_002224.3| Homo sapiens inositol 1,4,5-trisphosphate receptor, type 3 (ITPR3), mRNA;

gi|305632837|ref|NM\_205841.3| Homo sapiens serine peptidase inhibitor, Kazal type 6 (SPINK6), transcript variant 1, mRNA;

gi|305632840|ref|NR\_036592.1| Homo sapiens endogenous Bornavirus-like nucleoprotein 2 pseudogene (L1-EBNL2), mRNA;

gi|305682550|ref|NM\_017849.3| Homo sapiens transmembrane protein 127 (TMEM127), transcript variant 1, mRNA;

gi|305682554|ref|NR\_036595.1| Homo sapiens uncharacterized LOC440600 (LOC440600), non-coding RNA;

gi|305682555|ref|NM\_001195296.1| Homo sapiens mirror-image polydactyly 1 (MIPOL1), transcript variant 1, mRNA;

gi|305682563|ref|NM\_203301.3| Homo sapiens F-box protein 33 (FBXO33), mRNA;

gi|305682566|ref|NM\_173560.3| Homo sapiens regulatory factor X, 6 (RFX6), mRNA;

gi|305682568|ref|NM\_001135599.2| Homo sapiens transforming growth factor, beta 2 (TGFB2), transcript variant 1, mRNA;

gi|305682570|ref|NM\_006969.3| Homo sapiens zinc finger protein 28 (ZNF28), transcript variant 1, mRNA;

gi|305682575|ref|NM\_001085372.2| Homo sapiens chromosome 11 open reading frame 83 (C11orf83), mRNA;

gi|305682581|ref|NM\_003469.4| Homo sapiens secretogranin II (SCG2), mRNA;

gi|305682590|ref|NM\_004568.5| Homo sapiens serpin peptidase inhibitor, clade B (ovalbumin), member 6 (SERPINF1), mRNA;

gi|30578399|ref|NR\_001435.1| Homo sapiens major histocompatibility complex, class II, DP beta 2 (pseudo), mRNA;

gi|30578409|ref|NM\_178862.1| Homo sapiens STT3, subunit of the oligosaccharyltransferase complex, homolog 1 (STT3A), mRNA;

gi|30581110|ref|NM\_178581.1| Homo sapiens histocompatibility (minor) 13 (HM13), transcript variant 3, non-coding RNA;

gi|30581115|ref|NM\_003108.3| Homo sapiens SRY (sex determining region Y)-box 11 (SOX11), mRNA;

gi|30581118|ref|NM\_007017.2| Homo sapiens SRY (sex determining region Y)-box 30 (SOX30), transcript variant 1, mRNA;

gi|30581119|ref|NM\_031439.2| Homo sapiens SRY (sex determining region Y)-box 7 (SOX7), mRNA;

gi|30581133|ref|NM\_018303.4| Homo sapiens exocyst complex component 2 (EXOC2), mRNA;

gi|30581134|ref|NM\_006306.2| Homo sapiens structural maintenance of chromosomes 1A (SMC1A), mRNA;

gi|30581136|ref|NM\_025163.2| Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class Z (PIGZ), mRNA;

gi|30581139|ref|NM\_006263.2| Homo sapiens proteasome (prosome, macropain) activator subunit 1 (PA200), mRNA;

gi|30581147|ref|NM\_014249.2| Homo sapiens nuclear receptor subfamily 2, group E, member 3 (NR2E3), transcript variant 1, mRNA;

gi|30581162|ref|NM\_144773.2| Homo sapiens prokineticin receptor 2 (PROKR2), mRNA;

gi|30581163|ref|NM\_005286.2| Homo sapiens neuropeptides B/W receptor 2 (NPBWR2), mRNA;

gi|30581166|ref|NM\_000178.2| Homo sapiens glutathione synthetase (GSS), mRNA;

gi|30581167|ref|NM\_033328.2| Homo sapiens capping protein (actin filament) muscle Z-line, alpha 3 (CAPZB), mRNA;

gi|305855066|ref|NM\_020312.3| Homo sapiens coenzyme Q9 homolog (S. cerevisiae) (COQ9), nuclear gene, transcript variant 1, mRNA;

gi|305855073|ref|NM\_001195306.1| Homo sapiens BBSome interacting protein 1 (BBIP1), transcript variant 1, mRNA;

gi|305855079|ref|NM\_020981.3| Homo sapiens UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide chain 1 (UGAT3), mRNA;

gi|305855082|ref|NM\_020156.3| Homo sapiens core 1 synthase, glycoprotein-N-acetylgalactosamine 3-beta-glucosyltransferase (CGT), mRNA;

gi|305855089|ref|NM\_001195328.1| Homo sapiens RAB9A, member RAS oncogene family (RAB9A), transcript variant 1, mRNA;

gi|305855091|ref|NM\_023083.3| Homo sapiens calpain 10 (CAPN10), transcript variant 1, mRNA; gi|305855092|ref|NM\_023083.3| Homo sapiens calpain 10 (CAPN10), transcript variant 2, mRNA;

gi|305855105|ref|NM\_005347.4| Homo sapiens heat shock 70kDa protein 5 (glucose-regulated protein, 78kDa) (HSP70), mRNA;

gi|305855112|ref|NM\_005301.3| Homo sapiens G protein-coupled receptor 35 (GPR35), transcript variant 1, mRNA;

gi|306035176|ref|NM\_001195302.1| Homo sapiens chromosome 16 open reading frame 57 (C16orf57), transcript variant 1, mRNA;

gi|306035185|ref|NM\_145274.3| Homo sapiens transmembrane protein 99 (TMEM99), transcript variant 2, mRNA;

gi|306035188|ref|NM\_024599.5| Homo sapiens rhomboid 5 homolog 2 (Drosophila) (RHBDF2), transcript variant 1, mRNA;

gi|306035190|ref|NM\_001015048.2| Homo sapiens BCL2-associated athanogene 5 (BAG5), transcript variant 1, mRNA;

gi|306035206|ref|NM\_022549.3| Homo sapiens fasciculation and elongation protein zeta 1 (zygin I) (FEZ1), mRNA;



gi|306140485|ref|NM\_014830.2| Homo sapiens zinc finger and BTB domain containing 39 (ZBTB39), mRNA;  
 gi|306140489|ref|NM\_001017388.2| Homo sapiens toll-like receptor 10 (TLR10), transcript variant 2, mRNA;  
 gi|306482559|ref|NM\_001037164.2| Homo sapiens ADP-ribosylation factor-like 4A (ARL4A), transcript variant 1, mRNA;  
 gi|306482594|ref|NM\_001193333.2| Homo sapiens coronin, actin binding protein, 1A (CORO1A), transcript variant 1, mRNA;  
 gi|306482599|ref|NM\_000555.3| Homo sapiens doublecortin (DCX), transcript variant 1, mRNA; gi|306482601|ref|NM\_032107.4| Homo sapiens I(3)mbt-like 1 (Drosophila) (L3MBTL1), transcript variant II, mRNA;  
 gi|306482633|ref|NM\_005583.4| Homo sapiens lymphoblastic leukemia derived sequence 1 (LYL1), mRNA;  
 gi|306482638|ref|NM\_007254.3| Homo sapiens polynucleotide kinase 3'-phosphatase (PNKP), mRNA;  
 gi|306482647|ref|NR\_036608.1| Homo sapiens serine/arginine-rich splicing factor 2 (SRSF2), transcript variant 1, mRNA;  
 gi|306482654|ref|NM\_000937.4| Homo sapiens polymerase (RNA) II (DNA directed) polypeptide A, 220kDa (POLR2A), transcript variant 1, mRNA;  
 gi|306482668|ref|NM\_001195434.1| Homo sapiens myeloid leukemia factor 1 (MLF1), transcript variant 6, mRNA;  
 gi|306482680|ref|NR\_036610.1| Homo sapiens serine/arginine-rich splicing factor 3 (SRSF3), transcript variant 1, mRNA;  
 gi|306518571|ref|NM\_001040616.2| Homo sapiens lines homolog (Drosophila) (LINS), transcript variant 6, mRNA;  
 gi|306518576|ref|NR\_036611.1| Homo sapiens serine/arginine-rich splicing factor 3 pseudogene (LOC100506000), mRNA;  
 gi|306518580|ref|NM\_001135055.2| Homo sapiens transketolase (TKT), transcript variant 2, mRNA; gi|306518589|ref|NM\_007117.3| Homo sapiens thyrotropin-releasing hormone (TRH), mRNA;  
 gi|306518603|ref|NM\_001195415.1| Homo sapiens doublecortin-like kinase 1 (DCLK1), transcript variant 2, mRNA;  
 gi|306518613|ref|NM\_001195422.1| Homo sapiens GTP binding protein 3 (mitochondrial) (GTPBP3), transcript variant 1, mRNA;  
 gi|306518630|ref|NM\_001195442.1| Homo sapiens uncharacterized LOC100132146 (LOC100132146), mRNA;  
 gi|306518682|ref|NM\_001131010.2| Homo sapiens SATB homeobox 1 (SATB1), transcript variant 2, mRNA;  
 gi|306774084|ref|NM\_001007565.2| Homo sapiens TRK-fused gene (TFG), transcript variant 2, mRNA; gi|306774091|ref|NM\_001195483.1| Homo sapiens solute carrier family 12 (potassium/chloride transporter) (SLC12A1), transcript variant 1, mRNA;  
 gi|306774094|ref|NM\_001040261.4| Homo sapiens doublecortin-like kinase 2 (DCLK2), transcript variant 2, mRNA;  
 gi|306774106|ref|NM\_153702.3| Homo sapiens ELMO/CED-12 domain containing 2 (ELMOD2), mRNA;  
 gi|306774116|ref|NM\_001080476.2| Homo sapiens glutaredoxin, cysteine rich 1 (GRXCR1), mRNA;  
 gi|306922357|ref|NM\_005533.4| Homo sapiens interferon-induced protein 35 (IFI35), mRNA;  
 gi|306922361|ref|NM\_145270.2| Homo sapiens chromosome 16 open reading frame 11 (C16orf11), mRNA;  
 gi|306922380|ref|NM\_006077.3| Homo sapiens mitochondrial calcium uptake 1 (MICU1), nuclear gene encoding, mRNA;  
 gi|306922387|ref|NM\_001195520.1| Homo sapiens uncharacterized LOC100507055 (LOC100507055), mRNA;  
 gi|306922393|ref|NM\_033400.2| Homo sapiens zinc finger homeobox 2 (ZFHX2), mRNA;  
 gi|306922395|ref|NM\_001195522.1| Homo sapiens brain protein 44-like protein 2 (LOC347411), mRNA;  
 gi|306922416|ref|NR\_036619.1| Homo sapiens S-phase kinase-associated protein 1 pseudogene 2 (SKP1P2), mRNA;  
 gi|306922419|ref|NM\_001195528.1| Homo sapiens uncharacterized LOC100507050 (LOC100507050), mRNA;  
 gi|306966128|ref|NM\_001907.2| Homo sapiens chymotrypsin-like (CTRL), mRNA;  
 gi|306966131|ref|NM\_001195532.1| Homo sapiens spectrin, alpha, non-erythrocytic 1 (alpha-fodrin) (SPTA1), transcript variant 1, mRNA;  
 gi|306966140|ref|NM\_001195535.1| Homo sapiens zinc finger protein 474-like (LOC100505841), mRNA;  
 gi|306966144|ref|NM\_016410.5| Homo sapiens charged multivesicular body protein 5 (CHMP5), transcript variant 1, mRNA;  
 gi|306966149|ref|NM\_001195541.1| Homo sapiens transmembrane protein 225-like (LOC100289187), transcript variant 1, mRNA;  
 gi|306966159|ref|NM\_001195545.1| Homo sapiens leucine rich repeat containing 3C (LRRC3C), mRNA;  
 gi|306966173|ref|NM\_006308.2| Homo sapiens heat shock 27kDa protein 3 (HSPB3), mRNA;  
 gi|306966177|ref|NM\_203422.2| Homo sapiens LRRN4 C-terminal like (LRRN4CL), mRNA;  
 gi|307078124|ref|NM\_001195556.1| Homo sapiens clathrin interactor 1 (CLINT1), transcript variant 3, mRNA;  
 gi|307078131|ref|NM\_022337.2| Homo sapiens RAB38, member RAS oncogene family (RAB38), mRNA;  
 gi|307078132|ref|NM\_198992.3| Homo sapiens synaptotagmin X (SYT10), mRNA;  
 gi|307078135|ref|NM\_018048.3| Homo sapiens mago-nashi homolog B (Drosophila) (MAGOHB), mRNA;  
 gi|307078138|ref|NM\_031435.3| Homo sapiens THAP domain containing, apoptosis associated protein 2 (THAP2), mRNA;  
 gi|307078151|ref|NM\_018046.4| Homo sapiens angiogenic factor with G patch and FHA domains 1 (AGGF1), mRNA

gi|307078156|ref|NM\_152458.6| Homo sapiens zinc finger protein 785 (ZNF785), mRNA;  
 gi|307078157|ref|NM\_152339.3| Homo sapiens spermatogenesis associated 2-like (SPATA2L), mRNA;  
 gi|307133678|ref|NM\_001195576.1| Homo sapiens uncharacterized LOC100329135 (LOC100329135), tran  
 gi|307133685|ref|NM\_001127510.2| Homo sapiens adenomatous polyposis coli (APC), transcript variant 2,  
 gi|307133704|ref|NM\_001195581.1| Homo sapiens uncharacterized LOC644100 (LOC644100), mRNA;  
 gi|307133708|ref|NM\_020917.2| Homo sapiens zinc finger protein 14 homolog (mouse) (ZFP14), mRNA;  
 gi|307133737|ref|NM\_145663.2| Homo sapiens DBF4 homolog B (S. cerevisiae) (DBF4B), transcript variant  
 gi|307133740|ref|NR\_027336.2| Homo sapiens 5-hydroxyisourate hydrolase pseudogene (LOC100130015),  
 gi|307133742|ref|NR\_027334.2| Homo sapiens uncharacterized LOC100131691 (LOC100131691), non-codi  
 gi|307133753|ref|NM\_198566.2| Homo sapiens chromosome 5 open reading frame 34 (C5orf34), mRNA;  
 gi|307133760|ref|NM\_001195571.1| Homo sapiens proline rich 9 (PRR9), mRNA;  
 gi|307133764|ref|NM\_003374.2| Homo sapiens voltage-dependent anion channel 1 (VDAC1), nuclear gene  
 gi|307133778|ref|NM\_139280.2| Homo sapiens ORM1-like 3 (S. cerevisiae) (ORMDL3), mRNA;  
 gi|307133781|ref|NM\_001080515.2| Homo sapiens family with sequence similarity 163, member B (FAM16  
 gi|307133784|ref|NM\_178520.3| Homo sapiens transmembrane protein 105 (TMEM105), mRNA;  
 gi|307219190|ref|NM\_175883.2| Homo sapiens olfactory receptor, family 7, subfamily D, member 2 (OR7D  
 gi|307219191|ref|NM\_001143821.2| Homo sapiens pleckstrin homology domain containing, family A mem  
 gi|307219195|ref|NM\_005436.4| Homo sapiens coiled-coil domain containing 6 (CCDC6), mRNA;  
 gi|307219217|ref|NM\_001195597.1| Homo sapiens uncharacterized LOC100507203 (LOC100507203), mRN  
 gi|307219220|ref|NM\_032449.2| Homo sapiens coiled-coil and C2 domain containing 1B (CC2D1B), mRNA;  
 gi|307219232|ref|NM\_012247.4| Homo sapiens selenophosphate synthetase 1 (SEPHS1), transcript variant  
 gi|307219237|ref|NM\_001195605.1| Homo sapiens zinc finger protein 865 (ZNF865), mRNA;  
 gi|307219245|ref|NM\_001003665.3| Homo sapiens chromosome 1 open reading frame 95 (C1orf95), mRN  
 gi|307219251|ref|NM\_001195610.1| Homo sapiens doublecortin domain containing 2 (DCDC2), transcript v  
 gi|307344640|ref|NM\_001195608.1| Homo sapiens pleckstrin homology domain containing, family A (phos  
 gi|307344659|ref|NM\_006048.4| Homo sapiens ubiquitination factor E4B (UBE4B), transcript variant 2, mR  
 gi|307344672|ref|NM\_001195622.1| Homo sapiens topoisomerase I binding, arginine/serine-rich, E3 ubiqu  
 gi|307344681|ref|NM\_014248.3| Homo sapiens ring-box 1, E3 ubiquitin protein ligase (RBX1), mRNA;  
 gi|307548839|ref|NM\_001195630.1| Homo sapiens myeloid/lymphoid or mixed-lineage leukemia (trithora  
 gi|307548845|ref|NM\_001195637.1| Homo sapiens uncharacterized LOC100500938 (LOC100500938), mRN  
 gi|307548854|ref|NM\_007366.4| Homo sapiens phospholipase A2 receptor 1, 180kDa (PLA2R1), transcript  
 gi|307548862|ref|NM\_001195643.1| Homo sapiens dihydrofolate reductase-like 1 (DHFR1L1), transcript vari  
 gi|307548874|ref|NM\_007354.2| Homo sapiens chromosome 3 open reading frame 27 (C3orf27), mRNA;  
 gi|307548883|ref|NM\_032415.4| Homo sapiens caspase recruitment domain family, member 11 (CARD11),  
 gi|307548886|ref|NM\_001195654.1| Homo sapiens zinc finger, CCCH-type with G patch domain (ZGPAT), tr  
 gi|307548896|ref|NR\_024261.2| Homo sapiens golgin A2 pseudogene 5 (GOLGA2P5), transcript variant 2, n  
 gi|307548904|ref|NM\_001014447.2| Homo sapiens carboxypeptidase Z (CPZ), transcript variant 1, mRNA; g  
 gi|307548919|ref|NM\_053044.3| Homo sapiens HtrA serine peptidase 3 (HTRA3), mRNA;  
 gi|307548920|ref|NM\_001129907.2| Homo sapiens TMPRSS11B N terminal-like (TMPRSS11BNL), mRNA;  
 gi|307574639|ref|NM\_194317.3| Homo sapiens LY6/PLAUR domain containing 6 (LYPD6), transcript variant  
 gi|307574656|ref|NM\_052958.2| Homo sapiens chromosome 8 open reading frame 34 (C8orf34), transcrip  
 gi|307574672|ref|NM\_004738.4| Homo sapiens VAMP (vesicle-associated membrane protein)-associated p  
 gi|307574683|ref|NM\_198274.3| Homo sapiens SET and MYND domain containing 1 (SMYD1), mRNA;  
 gi|307574689|ref|NM\_003243.4| Homo sapiens transforming growth factor, beta receptor III (TGFB3), tra  
 gi|307611944|ref|NR\_036635.1| Homo sapiens diazepam binding inhibitor-like 5 pseudogene 2 (DBIL5P2), i  
 gi|307611947|ref|NM\_173833.5| Homo sapiens scavenger receptor class A, member 5 (putative) (SCARA5),  
 gi|307611954|ref|NM\_003105.5| Homo sapiens sortilin-related receptor, L(DLR class) A repeats containing

gi|307611961|ref|NM\_177965.3| Homo sapiens chromosome 8 open reading frame 37 (C8orf37), mRNA;

gi|307611962|ref|NM\_014665.2| Homo sapiens leucine rich repeat containing 14 (LRRC14), mRNA;

gi|307611973|ref|NM\_174911.4| Homo sapiens family with sequence similarity 84, member B (FAM84B), n

gi|307611978|ref|NM\_005409.4| Homo sapiens chemokine (C-X-C motif) ligand 11 (CXCL11), mRNA;

gi|307612010|ref|NM\_001195620.1| Homo sapiens chromosome 16 open reading frame 93 (C16orf93), tra

gi|307691164|ref|NM\_152830.2| Homo sapiens angiotensin I converting enzyme (peptidyl-dipeptidase A) 1

gi|307691165|ref|NM\_152680.2| Homo sapiens transmembrane protein 154 (TMEM154), mRNA;

gi|307691170|ref|NM\_145244.3| Homo sapiens DNA-damage-inducible transcript 4-like (DDIT4L), mRNA;

gi|307691173|ref|NM\_001195733.1| Homo sapiens phosphatidylinositol-4-phosphate 5-kinase, type I, gam

gi|307691178|ref|NR\_036636.1| Homo sapiens ADAM metalloproteinase domain 1, pseudogene (ADAM1), i

gi|307691183|ref|NM\_001195736.1| Homo sapiens family with sequence similarity 213, member B (FAM21

gi|307691201|ref|NM\_018982.4| Homo sapiens Yip1 domain family, member 1 (YIPF1), transcript variant 1

gi|307691204|ref|NM\_016205.2| Homo sapiens platelet derived growth factor C (PDGFC), transcript varian

gi|307691228|ref|NM\_001195753.1| Homo sapiens THAP domain containing, apoptosis associated protein

gi|307691231|ref|NM\_181745.3| Homo sapiens omega-3 fatty acid receptor 1 (O3FAR1), transcript variant

gi|307746877|ref|NM\_001010000.2| Homo sapiens Rho GTPase activating protein 28 (ARHGAP28), mRNA;

gi|307746918|ref|NM\_001195790.1| Homo sapiens schlafen family member 12-like (SLFN12L), mRNA;

gi|307775406|ref|NM\_015364.4| Homo sapiens lymphocyte antigen 96 (LY96), transcript variant 1, mRNA;

gi|307775421|ref|NM\_001195803.1| Homo sapiens low density lipoprotein receptor (LDLR), transcript vari

gi|307775431|ref|NR\_036647.1| Homo sapiens coiled-coil domain containing 144B (pseudogene) (CCDC144

gi|307775434|ref|NM\_001195811.1| Homo sapiens phospholipase D family, member 5 (PLD5), transcript v

gi|307938275|ref|NM\_001195833.1| Homo sapiens Ras and Rab interactor-like (RINL), transcript variant 1,

gi|307938330|ref|NR\_036650.1| Homo sapiens WAS protein homolog associated with actin, golgi membrar

gi|307938356|ref|NR\_036652.1| Homo sapiens elongation factor Tu GTP-binding domain-containing protei

gi|30794215|ref|NM\_030961.1| Homo sapiens tripartite motif containing 56 (TRIM56), mRNA;

gi|30794487|ref|NM\_017576.1| Homo sapiens kinesin family member 27 (KIF27), mRNA;

gi|30794503|ref|NM\_014594.1| Homo sapiens zinc finger protein 354C (ZNF354C), mRNA;

gi|30795116|ref|NM\_032807.3| Homo sapiens F-box protein, helicase, 18 (FBXO18), transcript variant 1, m

gi|30795122|ref|NM\_153348.2| Homo sapiens F-box and WD repeat domain containing 8 (FBXW8), transcr

gi|30795181|ref|NM\_178441.1| Homo sapiens zinc finger, FYVE domain containing 1 (ZFYE1), transcript v

gi|30795187|ref|NM\_175064.2| Homo sapiens speedy homolog E1 (Xenopus laevis) (SPDYE1), mRNA;

gi|30795189|ref|NM\_152559.2| Homo sapiens Williams Beuren syndrome chromosome region 27 (WBSCR:

gi|30795192|ref|NM\_178584.1| Homo sapiens septin 10 (SEPT10), transcript variant 2, mRNA; gi|30795194

gi|30795195|ref|NM\_004789.3| Homo sapiens LIM homeobox 2 (LHX2), mRNA;

gi|30795197|ref|NM\_022363.2| Homo sapiens LIM homeobox 5 (LHX5), mRNA;

gi|30795211|ref|NM\_006547.2| Homo sapiens insulin-like growth factor 2 mRNA binding protein 3 (IGF2BP

gi|30795216|ref|NM\_178445.1| Homo sapiens chemokine (C-C motif) receptor-like 1 (CCRL1), transcript va

gi|30795230|ref|NM\_006317.3| Homo sapiens brain abundant, membrane attached signal protein 1 (BASP:

gi|30795237|ref|NM\_173076.2| Homo sapiens ATP-binding cassette, sub-family A (ABC1), member 12 (ABC

gi|30795253|ref|NM\_032885.4| Homo sapiens ATG4 autophagy related 4 homolog D (S. cerevisiae) (ATG4C

gi|308044481|ref|NM\_001197020.1| Homo sapiens protease, serine, 55 (PRSS55), transcript variant 2, mRN

gi|308044496|ref|NM\_203373.2| Homo sapiens F-box and leucine-rich repeat protein 22 (FBXL22), mRNA;

gi|308044520|ref|NM\_017747.2| Homo sapiens ankyrin repeat and KH domain containing 1 (ANKHD1), trar

gi|308044533|ref|NM\_020690.5| Homo sapiens ANKHD1-EIF4EBP3 readthrough (ANKHD1-EIF4EBP3), mRN

gi|308044578|ref|NM\_032303.4| Homo sapiens hydroxysteroid dehydrogenase like 2 (HSDL2), transcript v

gi|308081488|ref|NM\_017684.4| Homo sapiens vacuolar protein sorting 13 homolog C (S. cerevisiae) (VPS1

gi|308081820|ref|NR\_036475.2| Homo sapiens Dexi homolog (mouse) pseudogene (LOC100289656), non-c

gi|308081963|ref|NM\_001197051.1| Homo sapiens zinc finger protein 91 homolog (mouse) (ZFP91), transcript  
gi|308082014|ref|NR\_036659.1| Homo sapiens ZNFX1 antisense RNA 1 (non-protein coding) (ZNFX1-AS1), t  
gi|308153272|ref|NM\_173526.3| Homo sapiens family with sequence similarity 71, member D (FAM71D), r  
gi|308153324|ref|NM\_001197027.1| Homo sapiens pleckstrin homology domain containing, family A (phos  
gi|308153329|ref|NM\_001145161.2| Homo sapiens ubiquitin-conjugating enzyme E2Q family-like 1 (UBE2C  
gi|308193305|ref|NM\_001550.3| Homo sapiens interferon-related developmental regulator 1 (IFRD1), tran  
gi|308193320|ref|NM\_001142555.2| Homo sapiens aarF domain containing kinase 4 (ADCK4), transcript va  
gi|308193327|ref|NM\_001128228.2| Homo sapiens taperin (TPRN), mRNA;  
gi|308193335|ref|NM\_001042706.2| Homo sapiens IQ motif containing J (IQCJ), transcript variant 2, mRNA  
gi|308193345|ref|NM\_001197108.1| Homo sapiens schwannomin interacting protein 1 (SCHIP1), transcript  
gi|308199412|ref|NM\_001197104.1| Homo sapiens myeloid/lymphoid or mixed-lineage leukemia (trithora:  
gi|308199418|ref|NM\_001197114.1| Homo sapiens IQCJ-SCHIP1 readthrough (IQCJ-SCHIP1), transcript vari  
gi|308199421|ref|NM\_001498.3| Homo sapiens glutamate-cysteine ligase, catalytic subunit (GCLC), transcr  
gi|308199455|ref|NM\_001197127.1| Homo sapiens interferon regulatory factor 3 (IRF3), transcript variant  
gi|308199466|ref|NM\_001099791.2| Homo sapiens SYS1 Golgi-localized integral membrane protein homol  
gi|308199500|ref|NR\_003189.2| Homo sapiens SYS1-DBNDD2 readthrough (SYS1-DBNDD2), non-coding RN  
gi|308210778|ref|NM\_006642.3| Homo sapiens serologically defined colon cancer antigen 8 (SDCCAG8), m  
gi|308210791|ref|NM\_001048223.2| Homo sapiens dysbindin (dystrobrevin binding protein 1) domain conti  
gi|308210838|ref|NM\_001042376.2| Homo sapiens INS-IGF2 readthrough (INS-IGF2), transcript variant 2, n  
gi|308235941|ref|NM\_194439.4| Homo sapiens ring finger protein 212 (RNF212), transcript variant 2, mRN  
gi|308235962|ref|NM\_001197181.1| Homo sapiens tubulin, beta 3 class III (TUBB3), transcript variant 2, ml  
gi|308387372|ref|NR\_036676.1| Homo sapiens interferon, alpha 22, pseudogene (IFNA22P), non-coding RN  
gi|308387391|ref|NR\_036677.1| Homo sapiens metallothionein 1J, pseudogene (MT1JP), non-coding RNA;  
gi|308387394|ref|NM\_001193331.2| Homo sapiens chromosome 9 open reading frame 3 (C9orf3), transcri  
gi|308522706|ref|NR\_036678.1| Homo sapiens uncharacterized LOC283299 (LOC283299), non-coding RNA  
gi|308522725|ref|NM\_007049.3| Homo sapiens butyrophilin, subfamily 2, member A1 (BTN2A1), transcript  
gi|308522744|ref|NM\_181531.2| Homo sapiens butyrophilin, subfamily 2, member A2 (BTN2A2), transcript  
gi|308522765|ref|NR\_036679.1| Homo sapiens alpha-2-glycoprotein 1, zinc-binding pseudogene 1 (AZGP1P  
gi|308522770|ref|NM\_005469.3| Homo sapiens acyl-CoA thioesterase 8 (ACOT8), mRNA;  
gi|308522771|ref|NR\_036680.1| Homo sapiens dpy-19-like 1 pseudogene 1 (C. elegans) (DPY19L1P1), non-  
gi|308522772|ref|NM\_001197244.1| Homo sapiens B-cell CLL/lymphoma 7B (BCL7B), transcript variant 2, r  
gi|308522778|ref|NR\_036683.1| Homo sapiens carbonic anhydrase XIV (CA14) pseudogene (LOC440700), n  
gi|308736963|ref|NM\_001197246.1| Homo sapiens butyrophilin, subfamily 3, member A2 (BTN3A2), transcr  
gi|308736978|ref|NR\_036685.1| Homo sapiens keratin 19 pseudogene 2 (KRT19P2), non-coding RNA;  
gi|308736980|ref|NM\_019044.4| Homo sapiens coiled-coil domain containing 93 (CCDC93), mRNA;  
gi|308736983|ref|NR\_036686.1| Homo sapiens defensin, theta 1 pseudogene (DEFT1P), non-coding RNA;  
gi|308736984|ref|NM\_033049.3| Homo sapiens mucin 13, cell surface associated (MUC13), mRNA;  
gi|308736986|ref|NR\_036687.1| Homo sapiens defensin, theta 1 pseudogene 2 (DEFT1P2), non-coding RNA  
gi|308736990|ref|NM\_001102402.2| Homo sapiens phosphatidylcholine transfer protein (PCTP), transcript  
gi|308736993|ref|NM\_001007525.3| Homo sapiens NACHT and WD repeat domain containing 1 (NWD1), n  
gi|308736995|ref|NM\_001197184.2| Homo sapiens G protein-coupled receptor 33 (gene/pseudogene) (GP  
gi|308737001|ref|NM\_012381.3| Homo sapiens origin recognition complex, subunit 3 (ORC3), transcript va  
gi|308737006|ref|NM\_001005192.2| Homo sapiens olfactory receptor, family 7, subfamily G, member 1 (O  
gi|308737009|ref|NM\_001197260.1| Homo sapiens docking protein 1, 62kDa (downstream of tyrosine kina  
gi|308818123|ref|NM\_001195202.1| Homo sapiens uncharacterized LOC100129636 (LOC100129636), mRN  
gi|308818133|ref|NM\_181741.3| Homo sapiens origin recognition complex, subunit 4 (ORC4), transcript va  
gi|308818181|ref|NM\_001197287.1| Homo sapiens olfactory receptor, family 11, subfamily H, member 2 (

gi|308818205|ref|NM\_001197296.1| Homo sapiens extracellular matrix protein 2, female organ and adipoc

gi|308818207|ref|NR\_036691.1| Homo sapiens NFYC pseudogene (LOC494127), non-coding RNA;

gi|308818219|ref|NM\_001197302.1| Homo sapiens dickkopf-like 1 (DKKL1), transcript variant 3, mRNA; gi|

gi|30911102|ref|NM\_015617.1| Homo sapiens pygopus homolog 1 (Drosophila) (PYGO1), mRNA;

gi|30911113|ref|NR\_001443.1| Homo sapiens keratin 17 pseudogene (LOC339240), non-coding RNA;

gi|309243098|ref|NM\_002553.3| Homo sapiens origin recognition complex, subunit 5 (ORC5), transcript va

gi|309243117|ref|NM\_001004419.3| Homo sapiens C-type lectin domain family 2, member D (CLEC2D), tra

gi|309243124|ref|NR\_036692.1| Homo sapiens heat shock protein 90kDa alpha (cytosolic), class A member

gi|309243126|ref|NR\_036694.1| Homo sapiens heat shock protein 90kDa alpha (cytosolic), class B member

gi|309319794|ref|NR\_036695.1| Homo sapiens ribosomal protein S7 pseudogene 5 (RPS7P5), non-coding R

gi|309384266|ref|NM\_001198533.1| Homo sapiens oxidation resistance 1 (OXR1), transcript variant 4, mR

gi|309384277|ref|NR\_036750.1| Homo sapiens aminopeptidase puromycin sensitive pseudogene (LOC4404

gi|309747065|ref|NM\_182763.2| Homo sapiens myeloid cell leukemia sequence 1 (BCL2-related) (MCL1), n

gi|309747068|ref|NM\_013254.3| Homo sapiens TANK-binding kinase 1 (TBK1), mRNA;

gi|309747072|ref|NM\_178427.2| Homo sapiens aryl hydrocarbon receptor nuclear translocator (ARNT), tra

gi|309747073|ref|NM\_052970.4| Homo sapiens heat shock 70kD protein 12B (HSPA12B), transcript variant

gi|309747077|ref|NM\_002692.3| Homo sapiens polymerase (DNA directed), epsilon 2 (p59 subunit) (POLE2

gi|309747082|ref|NM\_013321.2| Homo sapiens sorting nexin 8 (SNX8), mRNA;

gi|309747083|ref|NM\_033449.2| Homo sapiens FCH and double SH3 domains 1 (FCHSD1), mRNA;

gi|309747090|ref|NM\_001198541.1| Homo sapiens endoplasmic reticulum aminopeptidase 1 (ERAP1), trar

gi|309747092|ref|NR\_036751.1| Homo sapiens heat shock protein 90kDa alpha (cytosolic), class A member

gi|309949153|ref|NR\_002175.3| Homo sapiens testis-specific transcript, Y-linked 6B (non-protein coding) (T

gi|309951077|ref|NM\_003787.4| Homo sapiens nucleolar protein 4 (NOL4), transcript variant 1, mRNA; gi|

gi|309951090|ref|NR\_036753.1| Homo sapiens zinc finger protein 847, pseudogene (ZNF847P), non-coding

gi|309951095|ref|NM\_024426.4| Homo sapiens Wilms tumor 1 (WT1), transcript variant D, mRNA; gi|3099

gi|310109948|ref|XR\_111050.1| PREDICTED: Homo sapiens hypothetical LOC100509635 (LOC100509635), i

gi|310109950|ref|XR\_111052.1| PREDICTED: Homo sapiens hypothetical LOC100507347 (LOC100507347), i

gi|310109959|ref|XR\_111038.1| PREDICTED: Homo sapiens hypothetical LOC100507213 (LOC100507213), i

gi|310109960|ref|XR\_111039.1| PREDICTED: Homo sapiens hypothetical LOC100507163 (LOC100507163), i

gi|310109963|ref|XR\_111042.1| PREDICTED: Homo sapiens hypothetical protein DKFZp667F0711 (DKFZp66

gi|310109981|ref|XR\_111063.1| PREDICTED: Homo sapiens hypothetical LOC100506853 (LOC100506853), i

gi|310109993|ref|XR\_111074.1| PREDICTED: Homo sapiens hypothetical LOC100507008 (LOC100507008), i

gi|310110003|ref|XR\_111080.1| PREDICTED: Homo sapiens hypothetical LOC100131132 (LOC100131132), i

gi|310110012|ref|XR\_111087.1| PREDICTED: Homo sapiens hypothetical LOC100507212, transcript variant

gi|310110015|ref|XR\_111092.1| PREDICTED: Homo sapiens hypothetical LOC100130698 (LOC100130698), i

gi|310110025|ref|XR\_111096.1| PREDICTED: Homo sapiens hypothetical LOC100509474 (LOC100509474), i

gi|310110041|ref|XR\_111111.1| PREDICTED: Homo sapiens hypothetical LOC100506126 (LOC100506126), i

gi|310110042|ref|XR\_111112.1| PREDICTED: Homo sapiens hypothetical LOC100129413 (LOC100129413), i

gi|310110078|ref|XR\_111131.1| PREDICTED: Homo sapiens hypothetical LOC100506057, transcript variant

gi|310110102|ref|XR\_111147.1| PREDICTED: Homo sapiens hypothetical LOC100506082 (LOC100506082), i

gi|310110105|ref|XR\_111148.1| PREDICTED: Homo sapiens hypothetical LOC100506066 (LOC100506066), i

gi|310110112|ref|XR\_111151.1| PREDICTED: Homo sapiens hypothetical LOC100506238 (LOC100506238), i

gi|310110120|ref|XM\_003119495.1| PREDICTED: Homo sapiens hypothetical protein LOC100287223 (LOC1

gi|310110124|ref|XR\_111174.1| PREDICTED: Homo sapiens hypothetical LOC100507384 (LOC100507384), i

gi|310110129|ref|XR\_111177.1| PREDICTED: Homo sapiens hypothetical LOC100507245 (LOC100507245), i

gi|310110130|ref|XM\_001716729.3| PREDICTED: Homo sapiens hypothetical protein LOC100131381 (LOC1

gi|310110132|ref|XR\_111178.1| PREDICTED: Homo sapiens hypothetical LOC100507261 (LOC100507261), i

gi|310110138|ref|XR\_111154.1| PREDICTED: Homo sapiens hypothetical LOC100507164 (LOC100507164), l  
gi|310110139|ref|XR\_111155.1| PREDICTED: Homo sapiens hypothetical LOC100507144 (LOC100507144), l  
gi|310110157|ref|XM\_001717531.3| PREDICTED: Homo sapiens otogelin, transcript variant 1 (OTOG), mRN  
gi|310110161|ref|XR\_111163.1| PREDICTED: Homo sapiens hypothetical LOC100508408 (LOC100508408), l  
gi|310110165|ref|XR\_111165.1| PREDICTED: Homo sapiens hypothetical LOC100506352 (LOC100506352), l  
gi|310110182|ref|XM\_003119500.1| PREDICTED: Homo sapiens membrane-spanning 4-domains, subfamily  
gi|310110189|ref|XR\_111182.1| PREDICTED: Homo sapiens hypothetical LOC399900 (LOC399900), miscRNA  
gi|310110190|ref|XR\_111184.1| PREDICTED: Homo sapiens hypothetical LOC100507521 (LOC100507521), l  
gi|310110202|ref|XR\_111188.1| PREDICTED: Homo sapiens hypothetical LOC100507675, transcript variant  
gi|310110209|ref|XR\_111193.1| PREDICTED: Homo sapiens hypothetical LOC100507609 (LOC100507609), l  
gi|310110212|ref|XR\_111196.1| PREDICTED: Homo sapiens SHANK2 antisense RNA 3 (non-protein coding) (l  
gi|310110217|ref|XR\_111199.1| PREDICTED: Homo sapiens hypothetical LOC100506259 (LOC100506259), l  
gi|310110221|ref|XR\_111203.1| PREDICTED: Homo sapiens hypothetical LOC100289388 (LOC100289388), l  
gi|310110240|ref|XM\_001713681.2| PREDICTED: Homo sapiens tripartite motif-containing protein 49-like p  
gi|310110246|ref|XR\_111217.1| PREDICTED: Homo sapiens hypothetical MGC13053 (MGC13053), miscRNA  
gi|310110252|ref|XR\_111223.1| PREDICTED: Homo sapiens hypothetical LOC100509413 (LOC100509413), l  
gi|310110266|ref|XR\_111226.1| PREDICTED: Homo sapiens hypothetical LOC403312 (MGC39545), miscRNA  
gi|310110268|ref|XR\_111228.1| PREDICTED: Homo sapiens IGY565 (LOC100130428), miscRNA; gi|310120  
gi|310110271|ref|XR\_111231.1| PREDICTED: Homo sapiens hypothetical LOC100507165 (LOC100507165), l  
gi|310110281|ref|XR\_111236.1| PREDICTED: Homo sapiens hypothetical LOC100130507 (LOC100130507), l  
gi|310110292|ref|XR\_111243.1| PREDICTED: Homo sapiens hypothetical LOC100129223 (LOC100129223), l  
gi|310110298|ref|XR\_111247.1| PREDICTED: Homo sapiens hypothetical LOC100130219 (LOC100130219), l  
gi|310110300|ref|XR\_111249.1| PREDICTED: Homo sapiens hypothetical LOC100509976 (LOC100509976), l  
gi|310110301|ref|XR\_111250.1| PREDICTED: Homo sapiens hypothetical LOC100127974 (LOC100127974), l  
gi|310110313|ref|XM\_003119524.1| PREDICTED: Homo sapiens ovostatin homolog 2-like (LOC728715), mR  
gi|310110315|ref|XR\_111257.1| PREDICTED: Homo sapiens hypothetical LOC100506159 (LOC100506159), l  
gi|310110318|ref|XR\_111271.1| PREDICTED: Homo sapiens hypothetical LOC100506226, transcript variant  
gi|310110339|ref|XR\_111266.1| PREDICTED: Homo sapiens hypothetical LOC100506606 (LOC100506606), l  
gi|310110343|ref|XR\_111273.1| PREDICTED: Homo sapiens hypothetical LOC100509445 (LOC100509445), l  
gi|310110344|ref|XM\_003119530.1| PREDICTED: Homo sapiens adenylate kinase isoenzyme 4, mitochondr  
gi|310110347|ref|XM\_002344649.2| PREDICTED: Homo sapiens hypothetical protein LOC100130830 (LOC1  
gi|310110352|ref|XR\_111292.1| PREDICTED: Homo sapiens hypothetical LOC100506577 (LOC100506577), l  
gi|310110353|ref|XR\_111275.1| PREDICTED: Homo sapiens hypothetical LOC100506684 (LOC100506684), l  
gi|310110369|ref|XR\_111287.1| PREDICTED: Homo sapiens hypothetical LOC100293962 (LOC100293962), l  
gi|310110371|ref|XM\_001714974.3| PREDICTED: Homo sapiens hypothetical protein LOC728503 (LOC7285  
gi|310110375|ref|XR\_111289.1| PREDICTED: Homo sapiens hypothetical LOC100509541 (LOC100509541), l  
gi|310110377|ref|XR\_111293.1| PREDICTED: Homo sapiens hypothetical LOC100509764 (LOC100509764), l  
gi|310110385|ref|XR\_111301.1| PREDICTED: Homo sapiens HBcAg-binding protein (HBCBP), miscRNA; gi|3:  
gi|310110388|ref|XR\_111302.1| PREDICTED: Homo sapiens hypothetical LOC100507363 (LOC100507363), l  
gi|310110391|ref|XR\_111305.1| PREDICTED: Homo sapiens hypothetical LOC100507317 (LOC100507317), l  
gi|310110396|ref|XR\_111308.1| PREDICTED: Homo sapiens hypothetical LOC100129940 (LOC100129940), l  
gi|310110433|ref|XM\_003119543.1| PREDICTED: Homo sapiens hypothetical protein LOC100509156 (LOC1  
gi|310110439|ref|XR\_111332.1| PREDICTED: Homo sapiens hypothetical LOC100507515 (LOC100507515), l  
gi|310110441|ref|XR\_111334.1| PREDICTED: Homo sapiens hypothetical LOC100507484 (LOC100507484), l  
gi|310110443|ref|XR\_111336.1| PREDICTED: Homo sapiens hypothetical LOC100508329 (LOC100508329), l  
gi|310110446|ref|XR\_111339.1| PREDICTED: Homo sapiens hypothetical LOC100506452 (LOC100506452), l  
gi|310110457|ref|XR\_111350.1| PREDICTED: Homo sapiens hypothetical LOC100509968 (LOC100509968), l

gi|310110462|ref|XR\_111355.1| PREDICTED: Homo sapiens hypothetical LOC100293704 (LOC100293704), l  
gi|310110467|ref|XM\_003119544.1| PREDICTED: Homo sapiens hypothetical protein LOC100508384 (LOC1  
gi|310110470|ref|XR\_111361.1| PREDICTED: Homo sapiens hypothetical LOC100128002 (LOC100128002), l  
gi|310110479|ref|XR\_111364.1| PREDICTED: Homo sapiens zinc finger protein 891 (ZNF891), miscRNA; gi|3  
gi|310110501|ref|XM\_003119553.1| PREDICTED: Homo sapiens hypothetical protein LOC100507293 (LOC1  
gi|310110507|ref|XR\_111384.1| PREDICTED: Homo sapiens hypothetical LOC100507253 (LOC100507253), l  
gi|310110515|ref|XR\_111389.1| PREDICTED: Homo sapiens hypothetical LOC100129597 (LOC100129597), l  
gi|310110518|ref|XR\_111386.1| PREDICTED: Homo sapiens hypothetical LOC100507398 (LOC100507398), l  
gi|310110531|ref|XR\_111392.1| PREDICTED: Homo sapiens hypothetical LOC729420 (LOC729420), miscRN  
gi|310110536|ref|XR\_111395.1| PREDICTED: Homo sapiens hypothetical LOC100505533 (LOC100505533), l  
gi|310110539|ref|XR\_111398.1| PREDICTED: Homo sapiens hypothetical LOC100508885 (LOC100508885), l  
gi|310110545|ref|XR\_111403.1| PREDICTED: Homo sapiens hypothetical LOC100507566 (LOC100507566), l  
gi|310110556|ref|XM\_003119562.1| PREDICTED: Homo sapiens hypothetical protein LOC100507747 (LOC1  
gi|310110558|ref|XM\_003119563.1| PREDICTED: Homo sapiens hypothetical protein LOC100507777 (LOC1  
gi|310110561|ref|XR\_111411.1| PREDICTED: Homo sapiens hypothetical LOC100507513 (LOC100507513), l  
gi|310110563|ref|XR\_111413.1| PREDICTED: Homo sapiens hypothetical LOC100505758 (LOC100505758), l  
gi|310110564|ref|XR\_111414.1| PREDICTED: Homo sapiens hypothetical LOC100128908 (LOC100128908), l  
gi|310110565|ref|XM\_003119566.1| PREDICTED: Homo sapiens RING finger protein C14orf164-like (LOC10  
gi|310110570|ref|XR\_111416.1| PREDICTED: Homo sapiens hypothetical LOC728755 (LOC728755), miscRN  
gi|310110577|ref|XR\_111423.1| PREDICTED: Homo sapiens hypothetical LOC100506110 (LOC100506110), l  
gi|310110597|ref|XR\_111432.1| PREDICTED: Homo sapiens hypothetical LOC100506751 (LOC100506751), l  
gi|310110602|ref|XR\_111463.1| PREDICTED: Homo sapiens serpin peptidase inhibitor, clade A (alpha-1 anti  
gi|310110613|ref|XR\_111450.1| PREDICTED: Homo sapiens hypothetical LOC100506718 (LOC100506718), l  
gi|310110622|ref|XR\_111457.1| PREDICTED: Homo sapiens hypothetical LOC100506536 (LOC100506536), l  
gi|310110657|ref|XR\_111466.1| PREDICTED: Homo sapiens hypothetical LOC100507277 (LOC100507277), l  
gi|310110658|ref|XR\_111467.1| PREDICTED: Homo sapiens hypothetical LOC100507257 (LOC100507257), l  
gi|310110670|ref|XR\_111471.1| PREDICTED: Homo sapiens hypothetical LOC100507108 (LOC100507108), l  
gi|310110676|ref|XR\_111477.1| PREDICTED: Homo sapiens hypothetical LOC100506999 (LOC100506999), l  
gi|310110682|ref|XM\_003119588.1| PREDICTED: Homo sapiens hypothetical protein LOC100288568 (LOC1  
gi|310110688|ref|XM\_003119591.1| PREDICTED: Homo sapiens hypothetical protein LOC100508797 (LOC1  
gi|310110695|ref|XM\_003119593.1| PREDICTED: Homo sapiens putative golgin subfamily A member 6-like  
gi|310110763|ref|XR\_111511.1| PREDICTED: Homo sapiens hypothetical LOC100129119, transcript variant  
gi|310110765|ref|XR\_111513.1| PREDICTED: Homo sapiens hypothetical LOC145694 (LOC145694), miscRN  
gi|310110768|ref|XR\_111516.1| PREDICTED: Homo sapiens hypothetical LOC100128979 (LOC100128979), l  
gi|310110799|ref|XR\_111536.1| PREDICTED: Homo sapiens hypothetical LOC100506942 (LOC100506942), l  
gi|310110805|ref|XR\_111541.1| PREDICTED: Homo sapiens hypothetical LOC100505661 (LOC100505661), l  
gi|310110831|ref|XR\_111549.1| PREDICTED: Homo sapiens hypothetical LOC100507166 (LOC100507166), l  
gi|310110839|ref|XR\_111551.1| PREDICTED: Homo sapiens IFMQ9370 (UNQ9370), miscRNA; gi|310123394  
gi|310112851|ref|XR\_111556.1| PREDICTED: Homo sapiens hypothetical LOC100507452, transcript variant  
gi|310112852|ref|XR\_111558.1| PREDICTED: Homo sapiens hypothetical LOC145757 (LOC145757), miscRN  
gi|310112854|ref|XR\_111561.1| PREDICTED: Homo sapiens hypothetical LOC100507759 (LOC100507759), l  
gi|310112857|ref|XR\_111563.1| PREDICTED: Homo sapiens hypothetical LOC100507803 (LOC100507803), l  
gi|310112864|ref|XR\_111568.1| PREDICTED: Homo sapiens hypothetical LOC100507110 (LOC100507110), l  
gi|310112869|ref|XR\_111571.1| PREDICTED: Homo sapiens hypothetical protein MGC34800 (MGC34800), l  
gi|310112870|ref|XR\_111572.1| PREDICTED: Homo sapiens hypothetical LOC100505948 (LOC100505948), l  
gi|310112871|ref|XR\_111573.1| PREDICTED: Homo sapiens hypothetical LOC100505574 (LOC100505574), l  
gi|310112879|ref|XM\_001716934.3| PREDICTED: Homo sapiens hypothetical protein LOC100132339 (LOC1

gi|310112882|ref|XR\_111580.1| PREDICTED: Homo sapiens hypothetical LOC100505722 (LOC100505722), l  
gi|310112890|ref|XM\_001732849.3| PREDICTED: Homo sapiens UPF0607 protein ENSP00000381418-like (l  
gi|310112892|ref|XR\_111587.1| PREDICTED: Homo sapiens FLJ27243 protein (FLJ27243), miscRNA; gi|3101  
gi|310112893|ref|XR\_111588.1| PREDICTED: Homo sapiens hypothetical LOC100505908 (LOC100505908), l  
gi|310112899|ref|XR\_111592.1| PREDICTED: Homo sapiens hypothetical LOC100506105 (LOC100506105), l  
gi|310112910|ref|XR\_111601.1| PREDICTED: Homo sapiens hypothetical LOC100506467 (LOC100506467), l  
gi|310112918|ref|XR\_111605.1| PREDICTED: Homo sapiens hypothetical LOC100509498 (LOC100509498), l  
gi|310112920|ref|XR\_111607.1| PREDICTED: Homo sapiens hypothetical LOC100506521 (LOC100506521), l  
gi|310112922|ref|XR\_111609.1| PREDICTED: Homo sapiens hypothetical LOC100506559 (LOC100506559), l  
gi|310112931|ref|XR\_111612.1| PREDICTED: Homo sapiens hypothetical LOC400553 (LOC400553), miscRN  
gi|310112932|ref|XR\_111613.1| PREDICTED: Homo sapiens hypothetical protein FLJ40448 (FLJ40448), misc  
gi|310112933|ref|XR\_111614.1| PREDICTED: Homo sapiens hypothetical LOC100129697 (LOC100129697), l  
gi|310112935|ref|XR\_111617.1| PREDICTED: Homo sapiens hypothetical LOC100507918 (LOC100507918), l  
gi|310112942|ref|XR\_111619.1| PREDICTED: Homo sapiens hypothetical LOC100506183 (LOC100506183), l  
gi|310112943|ref|XR\_111620.1| PREDICTED: Homo sapiens hypothetical LOC100508047 (LOC100508047), l  
gi|310112962|ref|XR\_111625.1| PREDICTED: Homo sapiens hypothetical LOC100287301 (GS52), miscRNA; j  
gi|310112968|ref|XR\_111634.1| PREDICTED: Homo sapiens hypothetical LOC100128770 (LOC100128770), l  
gi|310112986|ref|XR\_111639.1| PREDICTED: Homo sapiens hypothetical LOC100505487 (LOC100505487), l  
gi|310112989|ref|XM\_003119652.1| PREDICTED: Homo sapiens hypothetical protein LOC100505564 (LOC1  
gi|310112997|ref|XR\_111642.1| PREDICTED: Homo sapiens hCG1983896 (FLJ32790), miscRNA; gi|3101234  
gi|310113008|ref|XR\_111647.1| PREDICTED: Homo sapiens hypothetical LOC100506372 (LOC100506372), l  
gi|310113015|ref|XR\_111652.1| PREDICTED: Homo sapiens hypothetical LOC400511 (FLJ45256), miscRNA;  
gi|310113022|ref|XR\_111657.1| PREDICTED: Homo sapiens hypothetical LOC100506371 (LOC100506371), l  
gi|310113030|ref|XR\_111660.1| PREDICTED: Homo sapiens hypothetical LOC100506676, transcript variant  
gi|310113040|ref|XR\_111671.1| PREDICTED: Homo sapiens hypothetical LOC100508869 (LOC100508869), l  
gi|310113041|ref|XR\_111672.1| PREDICTED: Homo sapiens hypothetical LOC100507069 (LOC100507069), l  
gi|310113052|ref|XM\_003119663.1| PREDICTED: Homo sapiens hypothetical protein LOC100507904 (LOC1  
gi|310113059|ref|XR\_111683.1| PREDICTED: Homo sapiens hypothetical LOC100506418 (LOC100506418), l  
gi|310113060|ref|XM\_003119664.1| PREDICTED: Homo sapiens hypothetical protein LOC100506596 (LOC1  
gi|310113073|ref|XM\_003119667.1| PREDICTED: Homo sapiens keratin associated protein 9-7 (KRTAP9-7),  
gi|310113081|ref|XR\_111691.1| PREDICTED: Homo sapiens hypothetical LOC100508196 (LOC100508196), l  
gi|310113091|ref|XR\_111695.1| PREDICTED: Homo sapiens hypothetical LOC100287808 (LOC100287808), l  
gi|310113122|ref|XR\_111710.1| PREDICTED: Homo sapiens hypothetical LOC100506325 (LOC100506325), l  
gi|310113126|ref|XR\_111712.1| PREDICTED: Homo sapiens hypothetical LOC100506373 (LOC100506373), l  
gi|310113127|ref|XR\_111713.1| PREDICTED: Homo sapiens hypothetical LOC100288866 (LOC100288866), l  
gi|310113173|ref|XR\_111743.1| PREDICTED: Homo sapiens hypothetical LOC400618 (FLJ37644), miscRNA;  
gi|310113177|ref|XR\_111745.1| PREDICTED: Homo sapiens hypothetical LOC100507002 (LOC100507002), l  
gi|310113181|ref|XM\_003119692.1| PREDICTED: Homo sapiens hypothetical protein LOC100132174 (LOC1  
gi|310113185|ref|XR\_111749.1| PREDICTED: Homo sapiens hypothetical LOC644767 (FLJ44838), miscRNA;  
gi|310113193|ref|XM\_003119694.1| PREDICTED: Homo sapiens hypothetical protein LOC100507494 (LOC1  
gi|310113208|ref|XR\_111760.1| PREDICTED: Homo sapiens hypothetical LOC100505577 (LOC100505577), l  
gi|310113210|ref|XR\_111762.1| PREDICTED: Homo sapiens hypothetical LOC84777 (MGC11082), miscRNA;  
gi|310113211|ref|XR\_111763.1| PREDICTED: Homo sapiens hypothetical LOC100508177 (LOC100508177), l  
gi|310113215|ref|XR\_111767.1| PREDICTED: Homo sapiens hypothetical LOC100509487 (LOC100509487), l  
gi|310113222|ref|XR\_111771.1| PREDICTED: Homo sapiens hypothetical LOC100509075, transcript variant  
gi|310113225|ref|XR\_111774.1| PREDICTED: Homo sapiens hypothetical LOC100506854 (LOC100506854), l  
gi|310113231|ref|XR\_111780.1| PREDICTED: Homo sapiens hypothetical LOC100128893 (LOC100128893), l



gi|310113247|ref|XR\_111792.1| PREDICTED: Homo sapiens hypothetical LOC100505626 (LOC100505626), i  
gi|310113254|ref|XR\_111795.1| PREDICTED: Homo sapiens hypothetical LOC100509315 (LOC100509315), i  
gi|310113280|ref|XR\_111816.1| PREDICTED: Homo sapiens hypothetical LOC100130856 (LOC100130856), i  
gi|310113281|ref|XR\_111817.1| PREDICTED: Homo sapiens hypothetical LOC100507094 (LOC100507094), i  
gi|310113287|ref|XR\_111812.1| PREDICTED: Homo sapiens hypothetical LOC100507004 (LOC100507004), i  
gi|310113324|ref|XR\_111835.1| PREDICTED: Homo sapiens hypothetical LOC100505555 (LOC100505555), i  
gi|310113362|ref|XR\_111849.1| PREDICTED: Homo sapiens hypothetical LOC100507550 (LOC100507550), i  
gi|310113384|ref|XR\_111882.1| PREDICTED: Homo sapiens hypothetical LOC100507372, transcript variant  
gi|310113391|ref|XR\_111890.1| PREDICTED: Homo sapiens hypothetical LOC100507486 (LOC100507486), i  
gi|310113397|ref|XR\_111892.1| PREDICTED: Homo sapiens hypothetical LOC100507668 (LOC100507668), i  
gi|310113408|ref|XR\_111868.1| PREDICTED: Homo sapiens hypothetical LOC100132272 (LOC100132272), i  
gi|310113414|ref|XR\_111874.1| PREDICTED: Homo sapiens hypothetical LOC100505743 (LOC100505743), i  
gi|310113444|ref|XR\_111897.1| PREDICTED: Homo sapiens hypothetical LOC100505928 (LOC100505928), i  
gi|310113447|ref|XR\_111898.1| PREDICTED: Homo sapiens hypothetical LOC100505825 (LOC100505825), i  
gi|310113458|ref|XR\_111901.1| PREDICTED: Homo sapiens hypothetical LOC100508118 (LOC100508118), i  
gi|310113459|ref|XR\_111902.1| PREDICTED: Homo sapiens hypothetical LOC100506174 (LOC100506174), i  
gi|310113464|ref|XR\_111903.1| PREDICTED: Homo sapiens hypothetical LOC100506114 (LOC100506114), i  
gi|310113468|ref|XR\_111905.1| PREDICTED: Homo sapiens hypothetical LOC100507769 (LOC100507769), i  
gi|310113474|ref|XR\_111909.1| PREDICTED: Homo sapiens hypothetical LOC100506419 (LOC100506419), i  
gi|310113494|ref|XR\_111915.1| PREDICTED: Homo sapiens hypothetical LOC100505824 (LOC100505824), i  
gi|310113497|ref|XR\_111918.1| PREDICTED: Homo sapiens hypothetical LOC100509195 (LOC100509195), i  
gi|310113498|ref|XR\_111921.1| PREDICTED: Homo sapiens non-protein coding RNA 337 (NCRNA00337), m  
gi|310113499|ref|XR\_111922.1| PREDICTED: Homo sapiens GSQS6193 (LOC100130071), miscRNA; gi|3101  
gi|310113511|ref|XR\_111932.1| PREDICTED: Homo sapiens hypothetical LOC100506022 (LOC100506022), i  
gi|310113520|ref|XR\_111939.1| PREDICTED: Homo sapiens hypothetical LOC100505516 (LOC100505516), i  
gi|310113523|ref|XR\_111940.1| PREDICTED: Homo sapiens hypothetical LOC339400 (LOC339400), miscRN  
gi|310113548|ref|XR\_111961.1| PREDICTED: Homo sapiens hypothetical LOC100147773 (LOC100147773), i  
gi|310113549|ref|XR\_111962.1| PREDICTED: Homo sapiens hypothetical LOC100505828 (LOC100505828), i  
gi|310113554|ref|XM\_003119759.1| PREDICTED: Homo sapiens cytochrome c oxidase subunit 7B, mitoch  
gi|310113560|ref|XM\_003119760.1| PREDICTED: Homo sapiens hypothetical protein LOC100506871 (LOC1  
gi|310113562|ref|XR\_111971.1| PREDICTED: Homo sapiens hypothetical LOC100506855 (LOC100506855), i  
gi|310113564|ref|XR\_111972.1| PREDICTED: Homo sapiens hypothetical LOC100506823 (LOC100506823), i  
gi|310113594|ref|XR\_111988.1| PREDICTED: Homo sapiens hypothetical LOC100506206, transcript variant  
gi|310113604|ref|XR\_111997.1| PREDICTED: Homo sapiens hypothetical LOC100505991, transcript variant  
gi|310113606|ref|XR\_111998.1| PREDICTED: Homo sapiens hypothetical LOC100127910 (LOC100127910), i  
gi|310113611|ref|XM\_003119773.1| PREDICTED: Homo sapiens chromosome 1 open reading frame 167 (C  
gi|310113615|ref|XM\_003119770.1| PREDICTED: Homo sapiens uncharacterized protein C1orf167-like (LOC  
gi|310113620|ref|XR\_112004.1| PREDICTED: Homo sapiens hypothetical LOC100509683 (LOC100509683), i  
gi|310113621|ref|XR\_112003.1| PREDICTED: Homo sapiens chromosome 1 open reading frame 147 (C1orf1  
gi|310113629|ref|XR\_112010.1| PREDICTED: Homo sapiens hypothetical LOC100509303, transcript variant  
gi|310113648|ref|XM\_001722254.2| PREDICTED: Homo sapiens butyrophilin related 1 (BUTR1), mRNA; gi|3  
gi|310113653|ref|XR\_112023.1| PREDICTED: Homo sapiens hypothetical LOC100130249 (PP2672), miscRN  
gi|310113662|ref|XR\_112029.1| PREDICTED: Homo sapiens hypothetical LOC100507030 (LOC100507030), i  
gi|310113663|ref|XR\_112030.1| PREDICTED: Homo sapiens hypothetical LOC440742 (LOC440742), miscRN  
gi|310113690|ref|XR\_112042.1| PREDICTED: Homo sapiens hypothetical LOC100506985, transcript variant  
gi|310113693|ref|XR\_112048.1| PREDICTED: Homo sapiens hypothetical LOC100507013 (LOC100507013), i  
gi|310113703|ref|XR\_112056.1| PREDICTED: Homo sapiens hypothetical LOC100286988 (LOC100286988), i

gi|310113708|ref|XR\_112061.1| PREDICTED: Homo sapiens hypothetical LOC100506594 (LOC100506594), l  
gi|310113725|ref|XR\_112068.1| PREDICTED: Homo sapiens hypothetical LOC100507408 (LOC100507408), l  
gi|310113726|ref|XM\_003119789.1| PREDICTED: Homo sapiens cytochrome c oxidase subunit 7B, mitocho  
gi|310113752|ref|XR\_112074.1| PREDICTED: Homo sapiens chromosome 1 open reading frame 191 (C1orf1  
gi|310113759|ref|XR\_112078.1| PREDICTED: Homo sapiens hypothetical LOC284600 (LOC284600), miscRN  
gi|310113773|ref|XM\_003119801.1| PREDICTED: Homo sapiens hypothetical protein LOC100506504 (LOC1  
gi|310113780|ref|XR\_112089.1| PREDICTED: Homo sapiens hypothetical LOC730081 (LOC730081), miscRN  
gi|310113782|ref|XR\_112091.1| PREDICTED: Homo sapiens hypothetical LOC100505940 (LOC100505940), l  
gi|310113787|ref|XR\_112097.1| PREDICTED: Homo sapiens hypothetical LOC100505821 (LOC100505821), l  
gi|310113800|ref|XR\_112101.1| PREDICTED: Homo sapiens hypothetical LOC643355 (LOC643355), miscRN  
gi|310113805|ref|XR\_112104.1| PREDICTED: Homo sapiens hypothetical LOC100506459 (LOC100506459), l  
gi|310113812|ref|XM\_003119812.1| PREDICTED: Homo sapiens hypothetical protein LOC100509378 (LOC1  
gi|310113840|ref|XM\_003119816.1| PREDICTED: Homo sapiens hypothetical protein LOC100509860 (LOC1  
gi|310113851|ref|XM\_003119819.1| PREDICTED: Homo sapiens protein FAM27E2-like (LOC100289375), ml  
gi|310113855|ref|XR\_112133.1| PREDICTED: Homo sapiens growth differentiation factor 5 opposite strand  
gi|310113861|ref|XR\_112137.1| PREDICTED: Homo sapiens hypothetical LOC100506402 (LOC100506402), l  
gi|310113869|ref|XR\_112141.1| PREDICTED: Homo sapiens hypothetical LOC100128988 (LOC100128988), l  
gi|310113870|ref|XR\_112142.1| PREDICTED: Homo sapiens hypothetical LOC100505725 (LOC100505725), l  
gi|310113882|ref|XR\_112154.1| PREDICTED: Homo sapiens hypothetical LOC100128028 (LOC100128028), l  
gi|310113887|ref|XR\_112159.1| PREDICTED: Homo sapiens hypothetical LOC100506053 (LOC100506053), l  
gi|310113891|ref|XR\_112161.1| PREDICTED: Homo sapiens hypothetical LOC100506115, transcript variant  
gi|310113893|ref|XR\_112163.1| PREDICTED: Homo sapiens hypothetical LOC100506153 (LOC100506153), l  
gi|310113899|ref|XR\_112167.1| PREDICTED: Homo sapiens hypothetical LOC729296 (LOC729296), miscRN  
gi|310113903|ref|XR\_112169.1| PREDICTED: Homo sapiens hypothetical LOC100506348 (LOC100506348), l  
gi|310113911|ref|XR\_112173.1| PREDICTED: Homo sapiens hypothetical LOC100128310 (LOC100128310), l  
gi|310113918|ref|XM\_003119827.1| PREDICTED: Homo sapiens hypothetical protein LOC100509861 (LOC1  
gi|310113925|ref|XR\_112192.1| PREDICTED: Homo sapiens hypothetical LOC100134423, transcript variant  
gi|310113927|ref|XR\_112194.1| PREDICTED: Homo sapiens hypothetical LOC100505973 (LOC100505973), l  
gi|310113937|ref|XR\_112184.1| PREDICTED: Homo sapiens FLJ46020 protein (FLJ46020), miscRNA; gi|3101  
gi|310113938|ref|XR\_112186.1| PREDICTED: Homo sapiens hypothetical LOC388820 (LOC388820), miscRN  
gi|310113952|ref|XR\_112198.1| PREDICTED: Homo sapiens hypothetical LOC100509671 (LOC100509671), l  
gi|310113954|ref|XR\_112200.1| PREDICTED: Homo sapiens non-protein coding RNA 322 (NCRNA00322), m  
gi|310113956|ref|XR\_112202.1| PREDICTED: Homo sapiens FLJ41733 protein (FLJ41733), miscRNA; gi|3101  
gi|310113957|ref|XR\_112203.1| PREDICTED: Homo sapiens hypothetical LOC100506021 (LOC100506021), l  
gi|310113961|ref|XR\_112205.1| PREDICTED: Homo sapiens hypothetical LOC100505727 (LOC100505727), l  
gi|310113965|ref|XM\_003119833.1| PREDICTED: Homo sapiens putative uncharacterized protein encoded  
gi|310113969|ref|XR\_112211.1| PREDICTED: Homo sapiens hypothetical LOC100505827 (LOC100505827), l  
gi|310113978|ref|XR\_112218.1| PREDICTED: Homo sapiens chromosome 22 open reading frame 37 (C22or  
gi|310114009|ref|XR\_112223.1| PREDICTED: Homo sapiens hypothetical LOC100286925 (LOC100286925), l  
gi|310114014|ref|XR\_112227.1| PREDICTED: Homo sapiens hypothetical LOC100294020 (LOC100294020), l  
gi|310114019|ref|XR\_112228.1| PREDICTED: Homo sapiens hypothetical LOC100507807 (LOC100507807), l  
gi|310114023|ref|XR\_112232.1| PREDICTED: Homo sapiens hypothetical LOC100507669 (LOC100507669), l  
gi|310114025|ref|XR\_112234.1| PREDICTED: Homo sapiens VLGN1945 (LOC646513), miscRNA; gi|3101241  
gi|310114026|ref|XR\_112235.1| PREDICTED: Homo sapiens hypothetical LOC100506075 (LOC100506075), l  
gi|310114029|ref|XR\_112237.1| PREDICTED: Homo sapiens hypothetical protein MGC15705 (MGC15705), l  
gi|310114040|ref|XR\_112245.1| PREDICTED: Homo sapiens hypothetical LOC100506361 (LOC100506361), l  
gi|310114057|ref|XR\_112254.1| PREDICTED: Homo sapiens hypothetical LOC100134361, transcript variant

gi|310114064|ref|XR\_112260.1| PREDICTED: Homo sapiens hypothetical LOC100506737 (LOC100506737), l  
gi|310114066|ref|XR\_112262.1| PREDICTED: Homo sapiens hypothetical LOC642757 (FLJ32756), miscRNA;  
gi|310114068|ref|XR\_112264.1| PREDICTED: Homo sapiens hypothetical LOC100506877 (LOC100506877), l  
gi|310114080|ref|XR\_112273.1| PREDICTED: Homo sapiens hypothetical LOC727944, transcript variant 2 (L  
gi|310114081|ref|XR\_112271.1| PREDICTED: Homo sapiens hypothetical LOC100508751 (LOC100508751), l  
gi|310114095|ref|XR\_112283.1| PREDICTED: Homo sapiens hypothetical LOC100506014, transcript variant  
gi|310114098|ref|XR\_112284.1| PREDICTED: Homo sapiens hypothetical LOC100506216 (LOC100506216), l  
gi|310114102|ref|XR\_112290.1| PREDICTED: Homo sapiens hypothetical LOC100506299 (LOC100506299), l  
gi|310114107|ref|XR\_112293.1| PREDICTED: Homo sapiens hypothetical LOC100508950 (LOC100508950), l  
gi|310114110|ref|XR\_112296.1| PREDICTED: Homo sapiens hypothetical LOC100506439 (LOC100506439), l  
gi|310114113|ref|XM\_003119857.1| PREDICTED: Homo sapiens hypothetical protein LOC100509763 (LOC1  
gi|310114122|ref|XR\_112299.1| PREDICTED: Homo sapiens hypothetical LOC100505605 (LOC100505605), l  
gi|310114123|ref|XR\_112302.1| PREDICTED: Homo sapiens hypothetical LOC100505736 (LOC100505736), l  
gi|310114126|ref|XR\_112304.1| PREDICTED: Homo sapiens hypothetical LOC100505774 (LOC100505774), l  
gi|310114133|ref|XR\_112310.1| PREDICTED: Homo sapiens SOS1 intronic transcript 1 (non-protein coding)  
gi|310114137|ref|XR\_112313.1| PREDICTED: Homo sapiens hypothetical LOC100130502 (LOC100130502), l  
gi|310114141|ref|XR\_112317.1| PREDICTED: Homo sapiens hypothetical LOC440862 (FLJ41757), miscRNA;  
gi|310114151|ref|XR\_112327.1| PREDICTED: Homo sapiens hypothetical LOC100129434 (LOC100129434), l  
gi|310114157|ref|XR\_112331.1| PREDICTED: Homo sapiens hypothetical LOC730184 (LOC730184), miscRN  
gi|310114162|ref|XR\_112334.1| PREDICTED: Homo sapiens ZNF638 intronic transcript 1 (non-protein codin  
gi|310114176|ref|XR\_112346.1| PREDICTED: Homo sapiens hypothetical LOC100132330, transcript variant  
gi|310114180|ref|XM\_003119862.1| PREDICTED: Homo sapiens aquaporin-7-like, transcript variant 1 (LOC1  
gi|310114186|ref|XM\_003119864.1| PREDICTED: Homo sapiens ankyrin repeat domain-containing protein  
gi|310114193|ref|XR\_112354.1| PREDICTED: Homo sapiens hypothetical LOC100506494 (LOC100506494), l  
gi|310114201|ref|XR\_112360.1| PREDICTED: Homo sapiens AHPA9419 (LOC100131131), miscRNA; gi|3101  
gi|310114202|ref|XR\_112361.1| PREDICTED: Homo sapiens hypothetical LOC100506328 (LOC100506328), l  
gi|310114203|ref|XR\_112363.1| PREDICTED: Homo sapiens hypothetical LOC100506286 (LOC100506286), l  
gi|310114204|ref|XR\_112362.1| PREDICTED: Homo sapiens hypothetical LOC100506262 (LOC100506262), l  
gi|310114205|ref|XR\_112364.1| PREDICTED: Homo sapiens hypothetical LOC150577 (LOC150577), miscRN  
gi|310114207|ref|XR\_112366.1| PREDICTED: Homo sapiens hypothetical LOC100134365 (LOC100134365), l  
gi|310114217|ref|XR\_112372.1| PREDICTED: Homo sapiens hypothetical FLJ44006 (FLJ44006), miscRNA; gi|  
gi|310114219|ref|XR\_112373.1| PREDICTED: Homo sapiens hypothetical LOC100128130 (LOC100128130), l  
gi|310114223|ref|XR\_112376.1| PREDICTED: Homo sapiens hypothetical LOC100507959 (LOC100507959), l  
gi|310114227|ref|XR\_112380.1| PREDICTED: Homo sapiens hypothetical LOC100506762 (LOC100506762), l  
gi|310114228|ref|XR\_112381.1| PREDICTED: Homo sapiens hypothetical LOC100506748 (LOC100506748), l  
gi|310114241|ref|XR\_112392.1| PREDICTED: Homo sapiens hypothetical LOC100131316 (LOC100131316), l  
gi|310114246|ref|XM\_001718062.3| PREDICTED: Homo sapiens hypothetical protein LOC100134240 (LOC1  
gi|310114248|ref|XR\_112395.1| PREDICTED: Homo sapiens AML-associated zinc finger protein (AZFP), misc  
gi|310114249|ref|XM\_002345581.2| PREDICTED: Homo sapiens zinc finger protein 806 (ZNF806), mRNA; gi  
gi|310114273|ref|XM\_001714892.3| PREDICTED: Homo sapiens hypothetical protein LOC285141 (LOC2851  
gi|310114276|ref|XM\_001721827.3| PREDICTED: Homo sapiens hypothetical protein LOC100128905 (LOC1  
gi|310114286|ref|XR\_112418.1| PREDICTED: Homo sapiens hypothetical LOC100506923 (LOC100506923), l  
gi|310114298|ref|XR\_112428.1| PREDICTED: Homo sapiens hypothetical LOC100507247 (LOC100507247), l  
gi|310114315|ref|XR\_112441.1| PREDICTED: Homo sapiens hypothetical LOC100507800 (LOC100507800), l  
gi|310114317|ref|XR\_112442.1| PREDICTED: Homo sapiens hypothetical LOC729770 (LOC729770), miscRN  
gi|310114321|ref|XR\_112447.1| PREDICTED: Homo sapiens hypothetical LOC100507979 (LOC100507979), l  
gi|310114323|ref|XR\_112446.1| PREDICTED: Homo sapiens hypothetical LOC100507948, transcript variant

gi|310114340|ref|XR\_112452.1| PREDICTED: Homo sapiens hypothetical FLJ45964 (FLJ45964), miscRNA; gi|310114347|ref|XR\_112455.1| PREDICTED: Homo sapiens hypothetical LOC728208 (LOC728208), miscRNA; gi|310114349|ref|XM\_001722643.2| PREDICTED: Homo sapiens hypothetical protein LOC285095, transcript variant 1; gi|310114350|ref|XM\_003119886.1| PREDICTED: Homo sapiens hypothetical protein LOC100509490 (LOC100509490), transcript variant 1; gi|310114360|ref|XR\_112486.1| PREDICTED: Homo sapiens hypothetical LOC151877 (LOC151877), miscRNA; gi|310114373|ref|XR\_112495.1| PREDICTED: Homo sapiens hypothetical LOC100506906 (LOC100506906), transcript variant 1; gi|310114392|ref|XR\_112462.1| PREDICTED: Homo sapiens hypothetical LOC100506637 (LOC100506637), transcript variant 1; gi|310114403|ref|XR\_112463.1| PREDICTED: Homo sapiens hypothetical LOC100506485 (LOC100506485), transcript variant 1; gi|310114408|ref|XR\_112466.1| PREDICTED: Homo sapiens hypothetical LOC100506275 (LOC100506275), transcript variant 1; gi|310114415|ref|XR\_112469.1| PREDICTED: Homo sapiens hypothetical LOC100509621 (LOC100509621), transcript variant 1; gi|310114416|ref|XR\_112470.1| PREDICTED: Homo sapiens hypothetical LOC100505947 (LOC100505947), transcript variant 1; gi|310114417|ref|XR\_112471.1| PREDICTED: Homo sapiens hypothetical LOC100505877, transcript variant 1; gi|310114433|ref|XR\_112478.1| PREDICTED: Homo sapiens hypothetical LOC100509926 (LOC100509926), transcript variant 1; gi|310114435|ref|XR\_112483.1| PREDICTED: Homo sapiens LMNE6487 (LOC100128644), miscRNA; gi|310114436|ref|XR\_112484.1| PREDICTED: Homo sapiens hypothetical LOC100133039 (LOC100133039), transcript variant 1; gi|310114440|ref|XR\_112509.1| PREDICTED: Homo sapiens hypothetical LOC285286 (LOC285286), miscRNA; gi|310114442|ref|XR\_112511.1| PREDICTED: Homo sapiens hypothetical LOC100506865 (LOC100506865), transcript variant 1; gi|310114446|ref|XR\_112513.1| PREDICTED: Homo sapiens hypothetical LOC728290 (LOC728290), miscRNA; gi|310114455|ref|XR\_112531.1| PREDICTED: Homo sapiens hypothetical LOC100506673 (LOC100506673), transcript variant 1; gi|310114458|ref|XR\_112517.1| PREDICTED: Homo sapiens hypothetical LOC100129297 (LOC100129297), transcript variant 1; gi|310114473|ref|XR\_112526.1| PREDICTED: Homo sapiens hypothetical LOC100506377 (LOC100506377), transcript variant 1; gi|310114474|ref|XR\_112533.1| PREDICTED: Homo sapiens hypothetical LOC100132481 (LOC100132481), transcript variant 1; gi|310114481|ref|XR\_112539.1| PREDICTED: Homo sapiens chromosome 3 open reading frame 56 (C3orf56), transcript variant 1; gi|310114483|ref|XR\_112541.1| PREDICTED: Homo sapiens hypothetical LOC100506995 (LOC100506995), transcript variant 1; gi|310114489|ref|XR\_112547.1| PREDICTED: Homo sapiens hypothetical LOC100505844 (LOC100505844), transcript variant 1; gi|310114496|ref|XR\_112552.1| PREDICTED: Homo sapiens hypothetical LOC100505729 (LOC100505729), transcript variant 1; gi|310114498|ref|XM\_003119910.1| PREDICTED: Homo sapiens hypothetical protein LOC100508383 (LOC100508383), transcript variant 1; gi|310114503|ref|XR\_112557.1| PREDICTED: Homo sapiens hypothetical LOC100505609, transcript variant 1; gi|310114508|ref|XR\_112562.1| PREDICTED: Homo sapiens hypothetical LOC100505547 (LOC100505547), transcript variant 1; gi|310114509|ref|XR\_112563.1| PREDICTED: Homo sapiens hypothetical LOC100505528 (LOC100505528), transcript variant 1; gi|310114516|ref|XM\_003119911.1| PREDICTED: Homo sapiens cytokine receptor CRL2 (LOC100287290), transcript variant 1; gi|310114529|ref|XR\_112575.1| PREDICTED: Homo sapiens hypothetical LOC100507375 (LOC100507375), transcript variant 1; gi|310114538|ref|XR\_112578.1| PREDICTED: Homo sapiens hypothetical LOC100507291, transcript variant 1; gi|310114539|ref|XM\_001717840.3| PREDICTED: Homo sapiens peptidyl-prolyl cis-trans isomerase A-like (LOC100507274), transcript variant 1; gi|310114541|ref|XR\_112581.1| PREDICTED: Homo sapiens hypothetical LOC100507274 (LOC100507274), transcript variant 1; gi|310114543|ref|XR\_112582.1| PREDICTED: Homo sapiens hypothetical LOC100507239, transcript variant 1; gi|310114545|ref|XM\_003119917.1| PREDICTED: Homo sapiens hypothetical protein LOC100131035 (LOC100131035), transcript variant 1; gi|310114547|ref|XR\_112585.1| PREDICTED: Homo sapiens hypothetical LOC100507224 (LOC100507224), transcript variant 1; gi|310114548|ref|XR\_112586.1| PREDICTED: Homo sapiens hypothetical LOC100507210 (LOC100507210), transcript variant 1; gi|310114559|ref|XR\_112594.1| PREDICTED: Homo sapiens hypothetical LOC100507297, transcript variant 1; gi|310114570|ref|XM\_003119920.1| PREDICTED: Homo sapiens hypothetical protein LOC100129516 (LOC100129516), transcript variant 1; gi|310114572|ref|XR\_112602.1| PREDICTED: Homo sapiens hypothetical LOC100509367 (LOC100509367), transcript variant 1; gi|310114574|ref|XR\_112604.1| PREDICTED: Homo sapiens hypothetical LOC100507653 (LOC100507653), transcript variant 1; gi|310114576|ref|XR\_112606.1| PREDICTED: Homo sapiens hypothetical LOC285463 (LOC285463), miscRNA; gi|310114583|ref|XR\_112611.1| PREDICTED: Homo sapiens hypothetical LOC100508202 (LOC100508202), transcript variant 1; gi|310114589|ref|XR\_112615.1| PREDICTED: Homo sapiens hypothetical LOC100507376, transcript variant 1; gi|310114590|ref|XR\_112616.1| PREDICTED: Homo sapiens hypothetical LOC389199 (LOC389199), miscRNA.

gi|310114593|ref|XR\_112618.1| PREDICTED: Homo sapiens hypothetical LOC100507852 (LOC100507852), l  
gi|310114598|ref|XR\_112623.1| PREDICTED: Homo sapiens hypothetical LOC100507930 (LOC100507930), l  
gi|310114604|ref|XR\_112629.1| PREDICTED: Homo sapiens hypothetical LOC100508631 (LOC100508631), l  
gi|310114628|ref|XR\_112643.1| PREDICTED: Homo sapiens hypothetical LOC100509129 (LOC100509129), l  
gi|310114633|ref|XR\_112648.1| PREDICTED: Homo sapiens hypothetical LOC100509123 (LOC100509123), l  
gi|310114634|ref|XR\_112649.1| PREDICTED: Homo sapiens TSSP3028 (LOC100131826), miscRNA; gi|31011  
gi|310114655|ref|XM\_001717423.3| PREDICTED: Homo sapiens hypothetical protein LOC285556 (LOC2855  
gi|310114676|ref|XM\_001714320.3| PREDICTED: Homo sapiens hypothetical protein LOC729424 (LOC7294  
gi|310114684|ref|XR\_112686.1| PREDICTED: Homo sapiens SMARCA5 antisense RNA 1 (non-protein coding  
gi|310114698|ref|XR\_112694.1| PREDICTED: Homo sapiens hypothetical LOC100505685 (LOC100505685), l  
gi|310114704|ref|XR\_112700.1| PREDICTED: Homo sapiens hypothetical LOC100506107 (LOC100506107), l  
gi|310114706|ref|XR\_112702.1| PREDICTED: Homo sapiens hypothetical LOC100506154 (LOC100506154), l  
gi|310114707|ref|XR\_112703.1| PREDICTED: Homo sapiens hypothetical LOC100509240 (LOC100509240), l  
gi|310114735|ref|XR\_112710.1| PREDICTED: Homo sapiens hypothetical LOC100288152 (LOC100288152), l  
gi|310114745|ref|XR\_112714.1| PREDICTED: Homo sapiens GALI1870 (LOC100133299), miscRNA; gi|31011  
gi|310114746|ref|XR\_112716.1| PREDICTED: Homo sapiens hypothetical LOC100505959 (LOC100505959), l  
gi|310114747|ref|XR\_112715.1| PREDICTED: Homo sapiens hypothetical LOC401176 (LOC401176), miscRN  
gi|310114758|ref|XR\_112725.1| PREDICTED: Homo sapiens hypothetical LOC100506406 (LOC100506406), l  
gi|310114760|ref|XR\_112727.1| PREDICTED: Homo sapiens EGFLAM antisense RNA 2 (non-protein coding)  
gi|310114766|ref|XR\_112736.1| PREDICTED: Homo sapiens hypothetical LOC100287592 (LOC100287592), l  
gi|310114775|ref|XR\_112738.1| PREDICTED: Homo sapiens hypothetical LOC100506646 (LOC100506646), l  
gi|310114779|ref|XM\_003119950.1| PREDICTED: Homo sapiens baculoviral IAP repeat-containing protein 1  
gi|310114783|ref|XM\_001714293.3| PREDICTED: Homo sapiens hypothetical protein LOC389300 (LOC3893  
gi|310114789|ref|XR\_112743.1| PREDICTED: Homo sapiens hypothetical LOC728769 (LOC728769), miscRN  
gi|310114800|ref|XR\_112752.1| PREDICTED: Homo sapiens hypothetical LOC729040 (LOC729040), miscRN  
gi|310114810|ref|XR\_112762.1| PREDICTED: Homo sapiens hypothetical LOC100506102 (LOC100506102), l  
gi|310114816|ref|XM\_001722561.3| PREDICTED: Homo sapiens hypothetical LOC728637 (LOC728637), mR  
gi|310114827|ref|XR\_112769.1| PREDICTED: Homo sapiens hypothetical LOC100505811 (LOC100505811), l  
gi|310114831|ref|XR\_112770.1| PREDICTED: Homo sapiens hypothetical LOC100505719, transcript variant  
gi|310114845|ref|XR\_112783.1| PREDICTED: Homo sapiens hypothetical LOC644762 (LOC644762), miscRN  
gi|310114852|ref|XR\_112792.1| PREDICTED: Homo sapiens hypothetical LOC100128482 (LOC100128482), l  
gi|310114856|ref|XR\_112793.1| PREDICTED: Homo sapiens hypothetical LOC100128059 (LOC100128059), l  
gi|310114858|ref|XR\_112795.1| PREDICTED: Homo sapiens VCEW9374 (LOC100133106), miscRNA; gi|3101  
gi|310114860|ref|XR\_112797.1| PREDICTED: Homo sapiens hypothetical LOC728095 (LOC728095), miscRN  
gi|310114891|ref|XR\_112812.1| PREDICTED: Homo sapiens hypothetical LOC100507336, transcript variant  
gi|310114898|ref|XR\_112819.1| PREDICTED: Homo sapiens hypothetical LOC100507506 (LOC100507506), l  
gi|310114899|ref|XR\_112821.1| PREDICTED: Homo sapiens KU-MEL-3 (KU-MEL-3), miscRNA; gi|310119688  
gi|310114900|ref|XR\_112829.1| PREDICTED: Homo sapiens hypothetical LOC100129461 (LOC100129461), l  
gi|310114902|ref|XR\_112830.1| PREDICTED: Homo sapiens hypothetical LOC100507603 (LOC100507603), l  
gi|310114904|ref|XR\_112833.1| PREDICTED: Homo sapiens hypothetical LOC100505880, transcript variant  
gi|310114906|ref|XR\_112834.1| PREDICTED: Homo sapiens hypothetical LOC100506091 (LOC100506091), l  
gi|310114912|ref|XM\_003119969.1| PREDICTED: Homo sapiens orofacial cleft 1 candidate 1 (OFCC1), mRN  
gi|310114914|ref|XR\_112817.1| PREDICTED: Homo sapiens hypothetical LOC100506379, transcript variant  
gi|310114921|ref|XR\_112823.1| PREDICTED: Homo sapiens hypothetical LOC100506631 (LOC100506631), l  
gi|310114924|ref|XM\_003119970.1| PREDICTED: Homo sapiens hypothetical protein LOC100509824 (LOC1  
gi|310114927|ref|XR\_112826.1| PREDICTED: Homo sapiens hypothetical LOC100506885, transcript variant  
gi|310115011|ref|XR\_112859.1| PREDICTED: Homo sapiens hypothetical LOC100507563 (LOC100507563), l

gi|310115021|ref|XR\_112864.1| PREDICTED: Homo sapiens hypothetical LOC100131607, transcript variant  
gi|310115025|ref|XR\_112869.1| PREDICTED: Homo sapiens hypothetical LOC100505550 (LOC100505550),  
gi|310115028|ref|XR\_112872.1| PREDICTED: Homo sapiens hypothetical LOC100506188 (LOC100506188),  
gi|310115033|ref|XR\_112874.1| PREDICTED: Homo sapiens hypothetical LOC401264 (FLJ37798), miscRNA;  
gi|310115037|ref|XR\_112876.1| PREDICTED: Homo sapiens hypothetical LOC100505966 (LOC100505966),  
gi|310115040|ref|XR\_112879.1| PREDICTED: Homo sapiens hypothetical LOC100131283, transcript variant  
gi|310115052|ref|XR\_112887.1| PREDICTED: Homo sapiens hypothetical LOC100505697 (LOC100505697),  
gi|310115062|ref|XM\_003120010.1| PREDICTED: Homo sapiens hypothetical protein LOC100507381 (LOC1  
gi|310115071|ref|XR\_112895.1| PREDICTED: Homo sapiens hypothetical LOC100506880 (LOC100506880),  
gi|310115073|ref|XR\_112897.1| PREDICTED: Homo sapiens hypothetical LOC100506908 (LOC100506908),  
gi|310115075|ref|XR\_112901.1| PREDICTED: Homo sapiens hypothetical LOC643962 (LOC643962), miscRN  
gi|310115079|ref|XR\_112906.1| PREDICTED: Homo sapiens hypothetical LOC100506148 (LOC100506148),  
gi|310115088|ref|XR\_112931.1| PREDICTED: Homo sapiens hypothetical LOC100507613 (LOC100507613),  
gi|310115096|ref|XR\_112937.1| PREDICTED: Homo sapiens hypothetical LOC100507477 (LOC100507477),  
gi|310115101|ref|XR\_112940.1| PREDICTED: Homo sapiens hypothetical LOC100507406, transcript variant  
gi|310115117|ref|XR\_112920.1| PREDICTED: Homo sapiens hypothetical LOC100506408 (LOC100506408),  
gi|310115121|ref|XM\_003120013.1| PREDICTED: Homo sapiens coiled-coil domain-containing protein 162-  
gi|310115135|ref|XR\_112943.1| PREDICTED: Homo sapiens hypothetical LOC729658 (LOC729658), miscRN  
gi|310115142|ref|XR\_112948.1| PREDICTED: Homo sapiens hypothetical LOC441179 (LOC441179), miscRN  
gi|310115143|ref|XR\_112949.1| PREDICTED: Homo sapiens hypothetical LOC401286 (LOC401286), miscRN  
gi|310115152|ref|XR\_112961.1| PREDICTED: Homo sapiens hypothetical LOC100505500, transcript variant  
gi|310115160|ref|XR\_112962.1| PREDICTED: Homo sapiens hypothetical LOC100288594 (LOC100288594),  
gi|310115176|ref|XR\_112977.1| PREDICTED: Homo sapiens hypothetical LOC100505960 (LOC100505960),  
gi|310115185|ref|XR\_112984.1| PREDICTED: Homo sapiens hypothetical LOC100506130, transcript variant  
gi|310115215|ref|XR\_113005.1| PREDICTED: Homo sapiens hypothetical LOC402481 (PP13004), miscRNA;  
gi|310115225|ref|XR\_113011.1| PREDICTED: Homo sapiens hypothetical LOC100506936, transcript variant  
gi|310115240|ref|XR\_113016.1| PREDICTED: Homo sapiens hypothetical LOC100507500 (LOC100507500),  
gi|310115241|ref|XR\_113017.1| PREDICTED: Homo sapiens hypothetical LOC730376 (LOC730376), miscRN  
gi|310115244|ref|XM\_003120034.1| PREDICTED: Homo sapiens hypothetical protein LOC100508632 (LOC1  
gi|310115250|ref|XM\_003120037.1| PREDICTED: Homo sapiens protein FAM27E2-like (LOC100287633), ml  
gi|310115252|ref|XM\_003120038.1| PREDICTED: Homo sapiens hypothetical protein LOC100509247 (LOC1  
gi|310115257|ref|XM\_001715572.2| PREDICTED: Homo sapiens hypothetical protein LOC441239 (LOC4412  
gi|310115260|ref|XM\_003120042.1| PREDICTED: Homo sapiens putative speedy protein-like protein LOC44  
gi|310115268|ref|XR\_113022.1| PREDICTED: Homo sapiens hypothetical DKFZp434F142 (DKFZP434F142), r  
gi|310115279|ref|XR\_113026.1| PREDICTED: Homo sapiens hypothetical LOC100505669 (LOC100505669),  
gi|310115280|ref|XR\_113027.1| PREDICTED: Homo sapiens hypothetical LOC100505717 (LOC100505717),  
gi|310115294|ref|XR\_113037.1| PREDICTED: Homo sapiens hypothetical LOC100505932 (LOC100505932),  
gi|310115323|ref|XR\_113052.1| PREDICTED: Homo sapiens hypothetical LOC100508633 (LOC100508633),  
gi|310115340|ref|XR\_113065.1| PREDICTED: Homo sapiens hypothetical LOC100506413 (LOC100506413),  
gi|310115349|ref|XR\_113076.1| PREDICTED: Homo sapiens hypothetical LOC653739 (LOC653739), miscRN  
gi|310115352|ref|XM\_003120057.1| PREDICTED: Homo sapiens hypothetical protein LOC100287705 (LOC1  
gi|310115359|ref|XR\_113080.1| PREDICTED: Homo sapiens hypothetical LOC100130169 (LOC100130169),  
gi|310115363|ref|XR\_113078.1| PREDICTED: Homo sapiens hypothetical LOC100507525 (LOC100507525),  
gi|310115364|ref|XM\_003120058.1| PREDICTED: Homo sapiens protein FAM115A-like (LOC100508781), m  
gi|310115368|ref|XM\_003120061.1| PREDICTED: Homo sapiens protein FAM115A-like, transcript variant 2  
gi|310115397|ref|XR\_113095.1| PREDICTED: Homo sapiens hypothetical LOC389602 (LOC389602), miscRN  
gi|310115402|ref|XR\_113098.1| PREDICTED: Homo sapiens hypothetical LOC401442 (LOC401442), miscRN

gi|310115404|ref|XR\_113103.1| PREDICTED: Homo sapiens hypothetical LOC100507448, transcript variant  
gi|310115407|ref|XR\_113100.1| PREDICTED: Homo sapiens hypothetical LOC100131395 (LOC100131395),  
gi|310115411|ref|XM\_003120074.1| PREDICTED: Homo sapiens hypothetical protein LOC100507808 (LOC1  
gi|310115414|ref|XR\_113107.1| PREDICTED: Homo sapiens chromosome 8 open reading frame 49 (C8orf49  
gi|310115415|ref|XR\_113108.1| PREDICTED: Homo sapiens hypothetical LOC100129129 (LOC100129129),  
gi|310115423|ref|XR\_113110.1| PREDICTED: Homo sapiens hypothetical LOC100507760 (LOC100507760),  
gi|310115429|ref|XR\_113112.1| PREDICTED: Homo sapiens hypothetical LOC100507071 (LOC100507071),  
gi|310115436|ref|XR\_113119.1| PREDICTED: Homo sapiens hypothetical LOC100507190 (LOC100507190),  
gi|310115443|ref|XR\_113122.1| PREDICTED: Homo sapiens hypothetical LOC100507439 (LOC100507439),  
gi|310115454|ref|XR\_113130.1| PREDICTED: Homo sapiens hypothetical LOC100507481 (LOC100507481),  
gi|310115461|ref|XR\_113134.1| PREDICTED: Homo sapiens hypothetical LOC100507464 (LOC100507464),  
gi|310115475|ref|XR\_113140.1| PREDICTED: Homo sapiens hypothetical LOC100505532 (LOC100505532),  
gi|310115478|ref|XR\_113143.1| PREDICTED: Homo sapiens hypothetical LOC100505613 (LOC100505613),  
gi|310115486|ref|XR\_113149.1| PREDICTED: Homo sapiens hypothetical LOC100507258 (LOC100507258),  
gi|310115489|ref|XR\_113168.1| PREDICTED: Homo sapiens hypothetical LOC100506342 (LOC100506342),  
gi|310115491|ref|XR\_113176.1| PREDICTED: Homo sapiens hypothetical LOC100506365, transcript variant  
gi|310115500|ref|XR\_113155.1| PREDICTED: Homo sapiens hypothetical LOC100506652 (LOC100506652),  
gi|310115502|ref|XR\_113157.1| PREDICTED: Homo sapiens FLJ45248 protein (FLJ45248), miscRNA; gi|3101  
gi|310115503|ref|XR\_113158.1| PREDICTED: Homo sapiens hypothetical LOC100506753 (LOC100506753),  
gi|310115507|ref|XR\_113160.1| PREDICTED: Homo sapiens hypothetical LOC100506861 (LOC100506861),  
gi|310115512|ref|XR\_113165.1| PREDICTED: Homo sapiens hypothetical LOC100506966 (LOC100506966),  
gi|310115522|ref|XR\_113181.1| PREDICTED: Homo sapiens FLJ45872 protein (FLJ45872), miscRNA; gi|3101  
gi|310115527|ref|XR\_113183.1| PREDICTED: Homo sapiens hypothetical LOC100131910 (LOC100131910),  
gi|310115529|ref|XR\_113186.1| PREDICTED: Homo sapiens hypothetical LOC100507418 (LOC100507418),  
gi|310115543|ref|XR\_113192.1| PREDICTED: Homo sapiens hypothetical LOC100508233, transcript variant  
gi|310115549|ref|XR\_113197.1| PREDICTED: Homo sapiens hypothetical LOC100509484 (LOC100509484),  
gi|310115551|ref|XR\_113198.1| PREDICTED: Homo sapiens hypothetical MGC24103 (MGC24103), miscRNA  
gi|310115552|ref|XR\_113200.1| PREDICTED: Homo sapiens hypothetical LOC100506331 (LOC100506331),  
gi|310115553|ref|XR\_113202.1| PREDICTED: Homo sapiens hypothetical LOC100506304, transcript variant  
gi|310115557|ref|XR\_113205.1| PREDICTED: Homo sapiens hypothetical LOC100506247 (LOC100506247),  
gi|310115559|ref|XR\_113207.1| PREDICTED: Homo sapiens chromosome 9 open reading frame 38 (C9orf38  
gi|310115560|ref|XR\_113208.1| PREDICTED: Homo sapiens hypothetical LOC100506189 (LOC100506189),  
gi|310115576|ref|XM\_003120093.1| PREDICTED: Homo sapiens protein FAM27D1-like (LOC100509638), m  
gi|310115578|ref|XR\_113221.1| PREDICTED: Homo sapiens family with sequence similarity 27, member E1  
gi|310115579|ref|XM\_003120094.1| PREDICTED: Homo sapiens protein FAM27D1-like (LOC100509686), m  
gi|310115583|ref|XM\_003120096.1| PREDICTED: Homo sapiens hypothetical protein LOC100507780 (LOC1  
gi|310116600|ref|XR\_113235.1| PREDICTED: Homo sapiens hypothetical LOC100128909 (LOC100128909),  
gi|310116608|ref|XM\_003120100.1| PREDICTED: Homo sapiens hypothetical protein LOC100506667 (LOC1  
gi|310117618|ref|XR\_113243.1| PREDICTED: Homo sapiens hypothetical LOC100507626 (LOC100507626),  
gi|310117621|ref|XR\_113246.1| PREDICTED: Homo sapiens hypothetical LOC100507449 (LOC100507449),  
gi|310117622|ref|XR\_113247.1| PREDICTED: Homo sapiens hypothetical LOC100507438 (LOC100507438),  
gi|310117628|ref|XR\_113263.1| PREDICTED: Homo sapiens hypothetical LOC100505588 (LOC100505588),  
gi|310117667|ref|XR\_113270.1| PREDICTED: Homo sapiens hypothetical LOC100506620 (LOC100506620),  
gi|310117671|ref|XR\_113277.1| PREDICTED: Homo sapiens FP7915 protein (LOC401561), miscRNA; gi|310:  
gi|310117675|ref|XR\_113275.1| PREDICTED: Homo sapiens hypothetical LOC100130547 (LOC100130547),  
gi|310117732|ref|XM\_001718671.3| PREDICTED: Homo sapiens mucin-3A-like (LOC100131514), mRNA;  
gi|310117786|ref|XM\_003120163.1| PREDICTED: Homo sapiens inositol hexakisphosphate and diphosphoir

gi|310117941|ref|XR\_113284.1| PREDICTED: Homo sapiens hypothetical LOC100134216 (LOC100134216), l  
gi|310117942|ref|XM\_001719777.3| PREDICTED: Homo sapiens hypothetical protein LOC100134138 (LOC1  
gi|310117989|ref|XM\_003120259.1| PREDICTED: Homo sapiens protein FAM27D1-like (LOC100131248), m  
gi|310118001|ref|XM\_003120275.1| PREDICTED: Homo sapiens HLA class II histocompatibility antigen, DR l  
gi|310118012|ref|XM\_003120272.1| PREDICTED: Homo sapiens HLA class II histocompatibility antigen, DQ  
gi|310118024|ref|XM\_003120274.1| PREDICTED: Homo sapiens HLA class II histocompatibility antigen, DQ  
gi|310118063|ref|XM\_001722829.2| PREDICTED: Homo sapiens hypothetical protein LOC100127885 (LOC1  
gi|310118065|ref|XR\_113293.1| PREDICTED: Homo sapiens hypothetical LOC100509302 (LOC100509302), l  
gi|310118077|ref|XR\_113295.1| PREDICTED: Homo sapiens hypothetical LOC440570 (LOC440570), miscRN,  
gi|310118081|ref|XR\_113296.1| PREDICTED: Homo sapiens hypothetical LOC100506992 (LOC100506992), l  
gi|310118082|ref|XM\_003120297.1| PREDICTED: Homo sapiens A disintegrin and metalloproteinase with tl  
gi|310118098|ref|XM\_001715155.2| PREDICTED: Homo sapiens melanoma antigen family B, 5 (MAGEB5), r  
gi|310118102|ref|XR\_113302.1| PREDICTED: Homo sapiens hypothetical LOC100506641 (LOC100506641), l  
gi|310118106|ref|XR\_113304.1| PREDICTED: Homo sapiens hypothetical LOC441493 (LOC441493), miscRN,  
gi|310118113|ref|XR\_113305.1| PREDICTED: Homo sapiens hypothetical LOC401589 (LOC401589), miscRN,  
gi|310118115|ref|XR\_113307.1| PREDICTED: Homo sapiens XAGE-4 protein (XAGE-4), miscRNA; gi|3419160  
gi|310118117|ref|XM\_003120307.1| PREDICTED: Homo sapiens 28S ribosomal protein S18c, mitochondrial  
gi|310118188|ref|XM\_001715069.3| PREDICTED: Homo sapiens hypothetical protein LOC100130445 (LOC1  
gi|310118194|ref|XM\_003120334.1| PREDICTED: Homo sapiens gamma-taxilin-like (LOC100509121), mRNA/  
gi|310118196|ref|XM\_003120335.1| PREDICTED: Homo sapiens PTPN13-like protein, Y-linked-like (LOC100  
gi|310118202|ref|XR\_110620.1| PREDICTED: Homo sapiens hypothetical LOC100131372 (LOC100131372), l  
gi|310118205|ref|XR\_110623.1| PREDICTED: Homo sapiens hypothetical LOC100505531 (LOC100505531), l  
gi|310118207|ref|XR\_110625.1| PREDICTED: Homo sapiens hypothetical LOC100505568 (LOC100505568), l  
gi|310118210|ref|XR\_110626.1| PREDICTED: Homo sapiens hypothetical LOC100128653 (LOC100128653), l  
gi|310118211|ref|XR\_110627.1| PREDICTED: Homo sapiens hypothetical LOC401296 (LOC401296), miscRN,  
gi|310118224|ref|XR\_110639.1| PREDICTED: Homo sapiens hypothetical LOC100505863 (LOC100505863), l  
gi|310118239|ref|XR\_110651.1| PREDICTED: Homo sapiens hypothetical LOC541472 (LOC541472), miscRN,  
gi|310118241|ref|XR\_110654.1| PREDICTED: Homo sapiens hypothetical LOC100506236 (LOC100506236), l  
gi|310118264|ref|XR\_110670.1| PREDICTED: Homo sapiens hypothetical LOC100506725, transcript variant  
gi|310118270|ref|XR\_110674.1| PREDICTED: Homo sapiens HECW1 intronic transcript 1 (non-protein codin  
gi|310118275|ref|XM\_001718823.3| PREDICTED: Homo sapiens hypothetical protein LOC100134663 (LOC1  
gi|310118285|ref|XR\_110679.1| PREDICTED: Homo sapiens hypothetical LOC100507042 (LOC100507042), l  
gi|310118319|ref|XR\_110696.1| PREDICTED: Homo sapiens hypothetical LOC100505484 (LOC100505484), l  
gi|310118328|ref|XM\_002344366.2| PREDICTED: Homo sapiens putative speedy protein-like protein 2-like  
gi|310118340|ref|XR\_110710.1| PREDICTED: Homo sapiens hypothetical LOC100510017 (LOC100510017), l  
gi|310118343|ref|XR\_110713.1| PREDICTED: Homo sapiens hypothetical LOC100505951 (LOC100505951), l  
gi|310118346|ref|XR\_110714.1| PREDICTED: Homo sapiens hypothetical LOC613126 (LOC613126), miscRN,  
gi|310118376|ref|XR\_110719.1| PREDICTED: Homo sapiens hypothetical LOC100506527 (LOC100506527), l  
gi|310118383|ref|XM\_003119054.1| PREDICTED: Homo sapiens RAS p21 protein activator 4B, transcript va  
gi|310118397|ref|XR\_110724.1| PREDICTED: Homo sapiens hypothetical LOC100506683, transcript variant  
gi|310118411|ref|XR\_110740.1| PREDICTED: Homo sapiens hypothetical LOC100506664 (LOC100506664), l  
gi|310118412|ref|XR\_110741.1| PREDICTED: Homo sapiens hypothetical LOC100506682 (LOC100506682), l  
gi|310118422|ref|XR\_110750.1| PREDICTED: Homo sapiens hypothetical LOC100506860, transcript variant  
gi|310118426|ref|XR\_110753.1| PREDICTED: Homo sapiens hypothetical LOC100506881, transcript variant  
gi|310118433|ref|XR\_110757.1| PREDICTED: Homo sapiens hypothetical LOC100507000 (LOC100507000), l  
gi|310118434|ref|XR\_110758.1| PREDICTED: Homo sapiens NAG20 (NAG20), miscRNA; gi|310115355|ref|X  
gi|310118441|ref|XR\_110763.1| PREDICTED: Homo sapiens hypothetical LOC100507538 (LOC100507538), l



gi|310118442|ref|XR\_110764.1| PREDICTED: Homo sapiens hypothetical LOC100507558 (LOC100507558), i  
gi|310118445|ref|XR\_110765.1| PREDICTED: Homo sapiens hypothetical LOC100510007 (LOC100510007), i  
gi|310118456|ref|XR\_110774.1| PREDICTED: Homo sapiens hypothetical LOC100506302 (LOC100506302), i  
gi|310118461|ref|XR\_110778.1| PREDICTED: Homo sapiens hypothetical LOC100506380, transcript variant  
gi|310118479|ref|XM\_002342011.2| PREDICTED: Homo sapiens putative uncharacterized protein C20orf69  
gi|310118480|ref|XR\_108279.1| PREDICTED: Homo sapiens hypothetical LOC100287934 (LOC100287934), i  
gi|310118481|ref|XR\_108280.1| PREDICTED: Homo sapiens family with sequence similarity 87, member B (i  
gi|310118501|ref|XR\_109864.1| PREDICTED: Homo sapiens hypothetical LOC100505887, transcript variant  
gi|310118511|ref|XR\_109875.1| PREDICTED: Homo sapiens hypothetical LOC727721 (LOC727721), miscRNA  
gi|310118513|ref|XR\_109873.1| PREDICTED: Homo sapiens hypothetical LOC645010 (FLJ16126), miscRNA;  
gi|310118514|ref|XR\_109874.1| PREDICTED: Homo sapiens hypothetical LOC100287506 (LOC100287506), i  
gi|310118525|ref|XM\_001130065.4| PREDICTED: Homo sapiens PRAME family member 23 (PRAMEF23), m  
gi|310118527|ref|XM\_003118846.1| PREDICTED: Homo sapiens PRAME family member 25-like, transcript v  
gi|310118536|ref|XM\_003118505.1| PREDICTED: Homo sapiens putative uncharacterized protein FLJ35883  
gi|310118539|ref|XR\_108366.1| PREDICTED: Homo sapiens hypothetical LOC400743 (LOC400743), miscRNA  
gi|310118543|ref|XR\_108368.1| PREDICTED: Homo sapiens hypothetical LOC644083 (LOC644083), miscRNA  
gi|310118544|ref|XR\_108370.1| PREDICTED: Homo sapiens hypothetical LOC100506824 (LOC100506824), i  
gi|310118553|ref|XM\_929503.4| PREDICTED: Homo sapiens oligosaccharyltransferase complex subunit OST  
gi|310118559|ref|XM\_003118958.1| PREDICTED: Homo sapiens metallothionein-2-like (LOC100505584), m  
gi|310118572|ref|XR\_110500.1| PREDICTED: Homo sapiens hypothetical LOC100506950 (LOC100506950), i  
gi|310118595|ref|XR\_110510.1| PREDICTED: Homo sapiens hypothetical LOC100507479 (LOC100507479), i  
gi|310118599|ref|XR\_110514.1| PREDICTED: Homo sapiens hypothetical LOC100507652 (LOC100507652), i  
gi|310118609|ref|XR\_110470.1| PREDICTED: Homo sapiens chromosome 1 open reading frame 118 (C1orf1  
gi|310118615|ref|XR\_110474.1| PREDICTED: Homo sapiens hypothetical LOC100505840 (LOC100505840), i  
gi|310118621|ref|XR\_110480.1| PREDICTED: Homo sapiens hypothetical LOC100506007 (LOC100506007), i  
gi|310118622|ref|XR\_110482.1| PREDICTED: Homo sapiens hypothetical LOC100506051 (LOC100506051), i  
gi|310118623|ref|XR\_110481.1| PREDICTED: Homo sapiens hypothetical LOC100506029 (LOC100506029), i  
gi|310118631|ref|XR\_110487.1| PREDICTED: Homo sapiens hypothetical LOC100506293 (LOC100506293), i  
gi|310118639|ref|XR\_110493.1| PREDICTED: Homo sapiens hypothetical LOC100506478 (LOC100506478), i  
gi|310118642|ref|XR\_110494.1| PREDICTED: Homo sapiens hypothetical LOC100506528 (LOC100506528), i  
gi|310118643|ref|XR\_110495.1| PREDICTED: Homo sapiens hypothetical LOC100132913 (LOC100132913), i  
gi|310118644|ref|XM\_001721393.3| PREDICTED: Homo sapiens hypothetical protein LOC100132314 (LOC1  
gi|310118647|ref|XM\_001134398.4| PREDICTED: Homo sapiens hypothetical protein LOC730256 (LOC7302  
gi|310118649|ref|XR\_110832.1| PREDICTED: Homo sapiens hypothetical LOC100505971 (LOC100505971), i  
gi|310118650|ref|XR\_110833.1| PREDICTED: Homo sapiens hypothetical LOC100505987 (LOC100505987), i  
gi|310118651|ref|XR\_110834.1| PREDICTED: Homo sapiens hypothetical LOC100506011 (LOC100506011), i  
gi|310118662|ref|XM\_003119135.1| PREDICTED: Homo sapiens neuroblastoma breakpoint family member  
gi|310118691|ref|XM\_003119145.1| PREDICTED: Homo sapiens KIAA1245, transcript variant 1 (KIAA1245),  
gi|310118720|ref|XR\_110828.1| PREDICTED: Homo sapiens hypothetical LOC284561 (LOC284561), miscRNA  
gi|310118725|ref|XR\_108343.1| PREDICTED: Homo sapiens hypothetical LOC642691 (FLJ37786), miscRNA;  
gi|310118727|ref|XR\_108344.1| PREDICTED: Homo sapiens hypothetical LOC100507552 (LOC100507552), i  
gi|310118729|ref|XM\_001133559.4| PREDICTED: Homo sapiens UPF0627 protein ENSP00000358171-like, t  
gi|310118730|ref|XR\_108345.1| PREDICTED: Homo sapiens hypothetical LOC100132909 (LOC100132909), i  
gi|310118733|ref|XR\_108348.1| PREDICTED: Homo sapiens hypothetical LOC100507670 (LOC100507670), i  
gi|310118734|ref|XR\_108349.1| PREDICTED: Homo sapiens hypothetical LOC100505481 (LOC100505481), i  
gi|310118749|ref|XR\_108362.1| PREDICTED: Homo sapiens KIRREL intronic transcript 1 (non-protein coding  
gi|310118750|ref|XR\_108363.1| PREDICTED: Homo sapiens hypothetical LOC100505799 (LOC100505799), i

gi|310118753|ref|XR\_108293.1| PREDICTED: Homo sapiens hypothetical LOC100505686 (LOC100505686), l

gi|310118763|ref|XR\_108302.1| PREDICTED: Homo sapiens INM04 (LOC100128751), miscRNA; gi|3101135

gi|310118774|ref|XR\_108311.1| PREDICTED: Homo sapiens hypothetical LOC100506128, transcript variant

gi|310118777|ref|XR\_108314.1| PREDICTED: Homo sapiens non-protein coding RNA 83 (NCRNA00083), mis

gi|310118784|ref|XR\_108319.1| PREDICTED: Homo sapiens hypothetical LOC100292409 (LOC100292409), l

gi|310118792|ref|XR\_108325.1| PREDICTED: Homo sapiens hypothetical LOC100506546, transcript variant

gi|310118797|ref|XR\_108328.1| PREDICTED: Homo sapiens hypothetical LOC100506636 (LOC100506636), l

gi|310118806|ref|XM\_003118503.1| PREDICTED: Homo sapiens liprin-alpha-2-like (LOC100507405), mRNA

gi|310118809|ref|XR\_108332.1| PREDICTED: Homo sapiens hypothetical LOC100506775, transcript variant

gi|310118827|ref|XR\_110838.1| PREDICTED: Homo sapiens hypothetical LOC100506161 (LOC100506161), l

gi|310118831|ref|XR\_110840.1| PREDICTED: Homo sapiens hypothetical LOC100288102 (LOC100288102), l

gi|310118832|ref|XR\_110841.1| PREDICTED: Homo sapiens hypothetical LOC100506354 (LOC100506354), l

gi|310118835|ref|XR\_110844.1| PREDICTED: Homo sapiens ITPKB intronic transcript 1 (non-protein coding)

gi|310118839|ref|XM\_003119157.1| PREDICTED: Homo sapiens putative uncharacterized protein encoded

gi|310118841|ref|XM\_003119160.1| PREDICTED: Homo sapiens hypothetical protein LOC100506571 (LOC1

gi|310118853|ref|XM\_003119158.1| PREDICTED: Homo sapiens hypothetical protein LOC100505872 (LOC1

gi|310118856|ref|XR\_110856.1| PREDICTED: Homo sapiens hypothetical LOC100506929 (LOC100506929), l

gi|310118874|ref|XM\_001127882.3| PREDICTED: Homo sapiens doublecortin domain containing 2C (DCDC2

gi|310118882|ref|XR\_108389.1| PREDICTED: Homo sapiens hypothetical LOC100506317 (LOC100506317), l

gi|310118886|ref|XR\_108393.1| PREDICTED: Homo sapiens hypothetical LOC100506405, transcript variant

gi|310118889|ref|XR\_108396.1| PREDICTED: Homo sapiens hypothetical LOC100506457 (LOC100506457), l

gi|310118895|ref|XR\_109790.1| PREDICTED: Homo sapiens hypothetical LOC100131373 (LOC100131373), l

gi|310118899|ref|XR\_109960.1| PREDICTED: Homo sapiens hypothetical LOC100131510 (LOC100131510), l

gi|310118905|ref|XR\_109966.1| PREDICTED: Homo sapiens hypothetical protein FLJ31356 (FLJ31356), misc

gi|310118915|ref|XR\_109976.1| PREDICTED: Homo sapiens hypothetical LOC100506047 (LOC100506047), l

gi|310118917|ref|XR\_109978.1| PREDICTED: Homo sapiens hypothetical LOC100506088 (LOC100506088), l

gi|310118919|ref|XR\_109979.1| PREDICTED: Homo sapiens hypothetical LOC100506108, transcript variant

gi|310118925|ref|XR\_109986.1| PREDICTED: Homo sapiens hypothetical LOC100506235, transcript variant

gi|310118927|ref|XR\_109988.1| PREDICTED: Homo sapiens hypothetical LOC100506300 (LOC100506300), l

gi|310118931|ref|XR\_109939.1| PREDICTED: Homo sapiens hypothetical LOC100506891 (LOC100506891), l

gi|310118934|ref|XR\_109940.1| PREDICTED: Homo sapiens hypothetical LOC100506934 (LOC100506934), l

gi|310118938|ref|XR\_109943.1| PREDICTED: Homo sapiens hypothetical LOC100507073 (LOC100507073), l

gi|310118944|ref|XM\_001718914.3| PREDICTED: Homo sapiens high mobility group protein HMG-I/HMG-Y

gi|310118946|ref|XR\_109949.1| PREDICTED: Homo sapiens hypothetical LOC100507201 (LOC100507201), l

gi|310118950|ref|XR\_109951.1| PREDICTED: Homo sapiens hypothetical LOC100507286 (LOC100507286), l

gi|310118951|ref|XR\_109952.1| PREDICTED: Homo sapiens hypothetical LOC100507307 (LOC100507307), l

gi|310118956|ref|XR\_109953.1| PREDICTED: Homo sapiens hypothetical LOC100507360 (LOC100507360), l

gi|310118963|ref|XR\_109914.1| PREDICTED: Homo sapiens hypothetical LOC643085 (LOC643085), miscRN

gi|310118964|ref|XR\_109915.1| PREDICTED: Homo sapiens hypothetical LOC150759 (LOC150759), miscRN

gi|310118969|ref|XR\_109916.1| PREDICTED: Homo sapiens hypothetical LOC100506036 (LOC100506036), l

gi|310118986|ref|XR\_109931.1| PREDICTED: Homo sapiens hypothetical LOC100128131 (LOC100128131), l

gi|310118987|ref|XR\_109933.1| PREDICTED: Homo sapiens hypothetical LOC100506473 (LOC100506473), l

gi|310118994|ref|XR\_109936.1| PREDICTED: Homo sapiens hCG1732469 (LOC729164), miscRNA; gi|31011

gi|310118996|ref|XR\_109876.1| PREDICTED: Homo sapiens hypothetical LOC100506563 (LOC100506563), l

gi|310119000|ref|XM\_002342264.2| PREDICTED: Homo sapiens MARVEL domain-containing protein 1-like

gi|310119015|ref|XR\_109898.1| PREDICTED: Homo sapiens hypothetical LOC100507581 (LOC100507581), l

gi|310119025|ref|XR\_109883.1| PREDICTED: Homo sapiens hypothetical LOC100506797, transcript variant

gi|310119031|ref|XR\_109888.1| PREDICTED: Homo sapiens hypothetical LOC100506922 (LOC100506922), l  
gi|310119034|ref|XR\_109891.1| PREDICTED: Homo sapiens hypothetical LOC151121 (LOC151121), miscRN  
gi|310119036|ref|XM\_001723833.3| PREDICTED: Homo sapiens Uncharacterized protein C2orf14-like 1 (LO  
gi|310119037|ref|XM\_928585.3| PREDICTED: Homo sapiens POTE ankyrin domain family, member I, transc  
gi|310119038|ref|XM\_929706.4| PREDICTED: Homo sapiens POTE ankyrin domain family, member J (POTEJ  
gi|310119042|ref|XR\_109894.1| PREDICTED: Homo sapiens hypothetical LOC100507460 (LOC100507460), l  
gi|310119054|ref|XR\_109902.1| PREDICTED: Homo sapiens hypothetical LOC100505498, transcript variant  
gi|310119056|ref|XR\_108437.1| PREDICTED: Homo sapiens hypothetical protein FLJ32955 (FLJ32955), misc  
gi|310119058|ref|XR\_108441.1| PREDICTED: Homo sapiens hypothetical LOC100505957, transcript variant  
gi|310119060|ref|XR\_108434.1| PREDICTED: Homo sapiens hypothetical LOC643072 (LOC643072), miscRN  
gi|310119078|ref|XR\_108399.1| PREDICTED: Homo sapiens hypothetical LOC100506798 (LOC100506798), l  
gi|310119080|ref|XR\_108400.1| PREDICTED: Homo sapiens hypothetical LOC100506816 (LOC100506816), l  
gi|310119086|ref|XR\_108406.1| PREDICTED: Homo sapiens hypothetical LOC100506892 (LOC100506892), l  
gi|310119087|ref|XR\_108407.1| PREDICTED: Homo sapiens hypothetical LOC100506905 (LOC100506905), l  
gi|310119092|ref|XR\_108412.1| PREDICTED: Homo sapiens hypothetical LOC100506993 (LOC100506993), l  
gi|310119106|ref|XR\_108422.1| PREDICTED: Homo sapiens hypothetical LOC729570, transcript variant 1 (L  
gi|310119118|ref|XR\_108428.1| PREDICTED: Homo sapiens hypothetical LOC100507554 (LOC100507554), l  
gi|310119121|ref|XR\_108431.1| PREDICTED: Homo sapiens hypothetical LOC100507611 (LOC100507611), l  
gi|310119124|ref|XR\_108436.1| PREDICTED: Homo sapiens hypothetical LOC440934 (LOC440934), miscRN  
gi|310119125|ref|XR\_108433.1| PREDICTED: Homo sapiens hypothetical LOC654841 (LOC654841), miscRN  
gi|310119136|ref|XR\_108383.1| PREDICTED: Homo sapiens hypothetical LOC93463 (LOC93463), miscRNA; i  
gi|310119138|ref|XM\_001714385.2| PREDICTED: Homo sapiens family with sequence similarity 132, memb  
gi|310119141|ref|XR\_108451.1| PREDICTED: Homo sapiens hypothetical LOC100505507 (LOC100505507), l  
gi|310119146|ref|XR\_108454.1| PREDICTED: Homo sapiens hypothetical LOC100505565 (LOC100505565), l  
gi|310119148|ref|XR\_108456.1| PREDICTED: Homo sapiens hypothetical FLJ38379 (FLJ38379), miscRNA;  
gi|310119149|ref|XR\_110025.1| PREDICTED: Homo sapiens hypothetical LOC100507555, transcript variant  
gi|310119156|ref|XR\_110030.1| PREDICTED: Homo sapiens hypothetical LOC442075 (LOC442075), miscRN  
gi|310119159|ref|XR\_110033.1| PREDICTED: Homo sapiens hypothetical LOC100293612 (LOC100293612), l  
gi|310119168|ref|XR\_110040.1| PREDICTED: Homo sapiens hypothetical LOC100505737 (LOC100505737), l  
gi|310119169|ref|XR\_110041.1| PREDICTED: Homo sapiens hypothetical LOC100505786 (LOC100505786), l  
gi|310119173|ref|XM\_003118872.1| PREDICTED: Homo sapiens hypothetical protein LOC100505836, trans  
gi|310119179|ref|XR\_110047.1| PREDICTED: Homo sapiens hypothetical LOC389102 (YPLR6490), miscRNA;  
gi|310119190|ref|XR\_110050.1| PREDICTED: Homo sapiens hypothetical LOC100506301 (LOC100506301), l  
gi|310119191|ref|XR\_110051.1| PREDICTED: Homo sapiens hypothetical LOC100506319 (LOC100506319), l  
gi|310119199|ref|XM\_001131213.4| PREDICTED: Homo sapiens protease, serine, 44 (PRSS44), mRNA; gi|34  
gi|310119204|ref|XR\_110002.1| PREDICTED: Homo sapiens hypothetical LOC100506651 (LOC100506651), l  
gi|310119205|ref|XR\_110003.1| PREDICTED: Homo sapiens hypothetical STGC3 (STGC3), miscRNA; gi|3101  
gi|310119210|ref|XR\_110008.1| PREDICTED: Homo sapiens hypothetical LOC100129060 (LOC100129060), l  
gi|310119215|ref|XR\_110024.1| PREDICTED: Homo sapiens hypothetical LOC401068 (LOC401068), miscRN  
gi|310119216|ref|XM\_002342340.2| PREDICTED: Homo sapiens hypothetical protein LOC100287789 (LOC1  
gi|310119219|ref|XR\_110015.1| PREDICTED: Homo sapiens hypothetical LOC100506924 (LOC100506924), l  
gi|310119232|ref|XR\_109994.1| PREDICTED: Homo sapiens FOXP1 intronic transcript 1 (non-protein coding  
gi|310119239|ref|XR\_109999.1| PREDICTED: Homo sapiens hypothetical LOC100506944 (LOC100506944), l  
gi|310119249|ref|XR\_108460.1| PREDICTED: Homo sapiens hypothetical LOC100506506 (LOC100506506), l  
gi|310119250|ref|XR\_108461.1| PREDICTED: Homo sapiens hypothetical LOC151760 (LOC151760), miscRN  
gi|310119253|ref|XR\_108465.1| PREDICTED: Homo sapiens hypothetical LOC100506591, transcript variant  
gi|310119259|ref|XR\_108470.1| PREDICTED: Homo sapiens hypothetical LOC100506708 (LOC100506708), l

gi|310119260|ref|XR\_108471.1| PREDICTED: Homo sapiens hypothetical LOC100506724 (LOC100506724), l  
gi|310119267|ref|XM\_933903.4| PREDICTED: Homo sapiens hypothetical protein LOC644662, transcript va  
gi|310119268|ref|XR\_108478.1| PREDICTED: Homo sapiens hypothetical LOC100506907 (LOC100506907), l  
gi|310119273|ref|XR\_108483.1| PREDICTED: Homo sapiens hypothetical LOC100507015 (LOC100507015), l  
gi|310119275|ref|XR\_108485.1| PREDICTED: Homo sapiens hypothetical LOC442092 (ARVP6125), miscRNA  
gi|310119295|ref|XR\_108499.1| PREDICTED: Homo sapiens hypothetical LOC100507335, transcript variant  
gi|310119300|ref|XR\_108502.1| PREDICTED: Homo sapiens hypothetical LOC440982 (FLJ30375), miscRNA;  
gi|310119302|ref|XR\_108504.1| PREDICTED: Homo sapiens hypothetical LOC100507461 (LOC100507461), l  
gi|310119314|ref|XR\_108510.1| PREDICTED: Homo sapiens hypothetical LOC100505473 (LOC100505473), l  
gi|310119321|ref|XR\_108517.1| PREDICTED: Homo sapiens hypothetical LOC100505598 (LOC100505598), l  
gi|310119324|ref|XR\_108520.1| PREDICTED: Homo sapiens hypothetical LOC100505668 (LOC100505668), l  
gi|310119327|ref|XR\_108523.1| PREDICTED: Homo sapiens hypothetical LOC100505710 (LOC100505710), l  
gi|310119332|ref|XR\_108528.1| PREDICTED: Homo sapiens hypothetical LOC100505787 (LOC100505787), l  
gi|310119335|ref|XR\_108530.1| PREDICTED: Homo sapiens hypothetical LOC100505861, transcript variant  
gi|310119337|ref|XR\_108533.1| PREDICTED: Homo sapiens hypothetical LOC100505902 (LOC100505902), l  
gi|310119339|ref|XR\_110380.1| PREDICTED: Homo sapiens hypothetical LOC100507033 (LOC100507033), l  
gi|310119345|ref|XR\_110395.1| PREDICTED: Homo sapiens hypothetical LOC440993 (LOC440993), miscRN  
gi|310119351|ref|XR\_110384.1| PREDICTED: Homo sapiens hypothetical LOC100507153 (LOC100507153), l  
gi|310119357|ref|XR\_108535.1| PREDICTED: Homo sapiens hypothetical LOC100507054 (LOC100507054), l  
gi|310119358|ref|XR\_108536.1| PREDICTED: Homo sapiens hypothetical LOC100507150 (LOC100507150), l  
gi|310119362|ref|XR\_108541.1| PREDICTED: Homo sapiens hypothetical LOC100507314 (LOC100507314), l  
gi|310119363|ref|XR\_108540.1| PREDICTED: Homo sapiens hypothetical LOC100507292 (LOC100507292), l  
gi|310119364|ref|XM\_003118524.1| PREDICTED: Homo sapiens chromosome 4 open reading frame 50 (C4  
gi|310119369|ref|XM\_002342428.2| PREDICTED: Homo sapiens family with sequence similarity 90, membe  
gi|310119377|ref|XR\_108553.1| PREDICTED: Homo sapiens hypothetical LOC100506024 (LOC100506024), l  
gi|310119379|ref|XR\_108554.1| PREDICTED: Homo sapiens hypothetical LOC100506048, transcript variant  
gi|310119382|ref|XR\_108545.1| PREDICTED: Homo sapiens hypothetical LOC100506827 (LOC100506827), l  
gi|310119385|ref|XR\_110056.1| PREDICTED: Homo sapiens hypothetical LOC643783, transcript variant 2 (L  
gi|310119386|ref|XR\_110058.1| PREDICTED: Homo sapiens hypothetical LOC100506387, transcript variant  
gi|310119399|ref|XR\_110053.1| PREDICTED: Homo sapiens hypothetical LOC100507160 (LOC100507160), l  
gi|310119401|ref|XM\_001125684.3| PREDICTED: Homo sapiens amphiregulin B (AREGB), mRNA;  
gi|310119403|ref|XR\_109798.1| PREDICTED: Homo sapiens hypothetical LOC100505946 (LOC100505946), l  
gi|310119404|ref|XR\_109812.1| PREDICTED: Homo sapiens hypothetical LOC100506253 (LOC100506253), l  
gi|310119420|ref|XR\_109814.1| PREDICTED: Homo sapiens hypothetical LOC100506297 (LOC100506297), l  
gi|310119422|ref|XM\_001717170.2| PREDICTED: Homo sapiens hypothetical protein LOC731282 (LOC7312  
gi|310119423|ref|XR\_109821.1| PREDICTED: Homo sapiens hypothetical LOC100507012 (LOC100507012), l  
gi|310119430|ref|XM\_001717714.2| PREDICTED: Homo sapiens protein SET-like (LOC389217), mRNA; gi|3:  
gi|310119440|ref|XR\_109826.1| PREDICTED: Homo sapiens hypothetical LOC100507306 (LOC100507306), l  
gi|310119442|ref|XR\_109827.1| PREDICTED: Homo sapiens hypothetical LOC100507322 (LOC100507322), l  
gi|310119446|ref|XR\_109834.1| PREDICTED: Homo sapiens hypothetical LOC100507487 (LOC100507487), l  
gi|310119447|ref|XR\_109835.1| PREDICTED: Homo sapiens hypothetical LOC100507528 (LOC100507528), l  
gi|310119453|ref|XR\_109840.1| PREDICTED: Homo sapiens hypothetical LOC100505491 (LOC100505491), l  
gi|310119462|ref|XR\_109853.1| PREDICTED: Homo sapiens hypothetical LOC100505784 (LOC100505784), l  
gi|310119463|ref|XR\_109797.1| PREDICTED: Homo sapiens hypothetical LOC100505930 (LOC100505930), l  
gi|310119471|ref|XR\_109808.1| PREDICTED: Homo sapiens hypothetical LOC100506196 (LOC100506196), l  
gi|310119477|ref|XR\_109813.1| PREDICTED: Homo sapiens hypothetical LOC100506272 (LOC100506272), l  
gi|310119498|ref|XR\_108581.1| PREDICTED: Homo sapiens hypothetical LOC100506858 (LOC100506858), l

gi|310119526|ref|XR\_108576.1| PREDICTED: Homo sapiens hypothetical LOC100506639 (LOC100506639),  
gi|310119527|ref|XR\_108577.1| PREDICTED: Homo sapiens hypothetical LOC100506674 (LOC100506674),  
gi|310119530|ref|XR\_108599.1| PREDICTED: Homo sapiens hypothetical LOC100506329 (LOC100506329),  
gi|310119531|ref|XR\_108600.1| PREDICTED: Homo sapiens hypothetical LOC441072 (FLJ31104), miscRNA;  
gi|310119535|ref|XR\_108602.1| PREDICTED: Homo sapiens hypothetical LOC100506526 (LOC100506526),  
gi|310119536|ref|XR\_108603.1| PREDICTED: Homo sapiens FLJ46010 protein (FLJ46010), miscRNA; gi|3101  
gi|310119537|ref|XR\_108604.1| PREDICTED: Homo sapiens MAST4 antisense RNA 1 (non-protein coding) (N  
gi|310119562|ref|XM\_003118536.1| PREDICTED: Homo sapiens hypothetical protein LOC100505611 (LOC1  
gi|310119564|ref|XM\_003118535.1| PREDICTED: Homo sapiens hypothetical protein LOC100505586 (LOC1  
gi|310119568|ref|XM\_003118534.1| PREDICTED: Homo sapiens hypothetical protein LOC100505559 (LOC1  
gi|310119576|ref|XR\_108585.1| PREDICTED: Homo sapiens hypothetical LOC100505750 (LOC100505750),  
gi|310119580|ref|XR\_108587.1| PREDICTED: Homo sapiens hypothetical LOC645079 (FLJ41309), miscRNA;  
gi|310119581|ref|XR\_108588.1| PREDICTED: Homo sapiens hypothetical LOC100505878 (LOC100505878),  
gi|310119587|ref|XR\_108594.1| PREDICTED: Homo sapiens hypothetical LOC100505949 (LOC100505949),  
gi|310119590|ref|XR\_110563.1| PREDICTED: Homo sapiens hypothetical LOC100505822 (LOC100505822),  
gi|310119593|ref|XR\_110553.1| PREDICTED: Homo sapiens hypothetical LOC100129233 (LOC100129233),  
gi|310119607|ref|XR\_110564.1| PREDICTED: Homo sapiens hCG1981531 (LOC728586), miscRNA; gi|34191.  
gi|310119609|ref|XM\_003118996.1| PREDICTED: Homo sapiens hypothetical protein LOC100505572 (LOC1  
gi|310119615|ref|XR\_110568.1| PREDICTED: Homo sapiens hypothetical LOC100506030 (LOC100506030),  
gi|310119621|ref|XR\_110570.1| PREDICTED: Homo sapiens hypothetical LOC100506120 (LOC100506120),  
gi|310119623|ref|XR\_110572.1| PREDICTED: Homo sapiens hypothetical LOC100506200 (LOC100506200),  
gi|310119625|ref|XR\_110574.1| PREDICTED: Homo sapiens hypothetical LOC100130172 (LOC100130172),  
gi|310119628|ref|XR\_110309.1| PREDICTED: Homo sapiens hypothetical LOC100505636, transcript variant  
gi|310119633|ref|XR\_110313.1| PREDICTED: Homo sapiens hCG1980447 (LOC255187), miscRNA; gi|31011.  
gi|310119638|ref|XR\_110317.1| PREDICTED: Homo sapiens hypothetical LOC100505813, transcript variant  
gi|310119643|ref|XM\_003118878.1| PREDICTED: Homo sapiens putative uncharacterized protein NCRNA0C  
gi|310119645|ref|XR\_110063.1| PREDICTED: Homo sapiens hypothetical LOC100507193 (LOC100507193),  
gi|310119651|ref|XR\_110084.1| PREDICTED: Homo sapiens hypothetical LOC728145 (LOC728145), miscRN,  
gi|310119665|ref|XR\_110076.1| PREDICTED: Homo sapiens hypothetical LOC100128340 (LOC100128340),  
gi|310119676|ref|XR\_110078.1| PREDICTED: Homo sapiens hypothetical LOC100507546, transcript variant  
gi|310119678|ref|XR\_110082.1| PREDICTED: Homo sapiens hypothetical LOC100507619 (LOC100507619),  
gi|310119679|ref|XR\_110081.1| PREDICTED: Homo sapiens hypothetical LOC100507602 (LOC100507602),  
gi|310119681|ref|XM\_002342591.2| PREDICTED: Homo sapiens putative uncharacterized protein C20orf69  
gi|310119682|ref|XR\_108686.1| PREDICTED: Homo sapiens hypothetical LOC642316 (FLJ43763), miscRNA;  
gi|310119684|ref|XR\_108698.1| PREDICTED: Homo sapiens hypothetical LOC100507294 (LOC100507294),  
gi|310119690|ref|XR\_108628.1| PREDICTED: Homo sapiens QIQN5815 (LOC100129033), miscRNA; gi|3101  
gi|310119701|ref|XR\_108670.1| PREDICTED: Homo sapiens hypothetical LOC100506288 (LOC100506288),  
gi|310119707|ref|XR\_108674.1| PREDICTED: Homo sapiens B2 RNA (LOC100506431), miscRNA;  
gi|310119715|ref|XR\_108680.1| PREDICTED: Homo sapiens hypothetical LOC100506681 (LOC100506681),  
gi|310119719|ref|XR\_108684.1| PREDICTED: Homo sapiens hypothetical LOC100506935 (LOC100506935),  
gi|310119721|ref|XR\_108687.1| PREDICTED: Homo sapiens hypothetical LOC100507025 (LOC100507025),  
gi|310119725|ref|XR\_108691.1| PREDICTED: Homo sapiens hypothetical LOC100507100 (LOC100507100),  
gi|310119726|ref|XM\_003118560.1| PREDICTED: Homo sapiens hypothetical protein LOC100507141 (LOC1  
gi|310119730|ref|XR\_108694.1| PREDICTED: Homo sapiens hypothetical LOC100129195 (LOC100129195),  
gi|310119762|ref|XR\_108640.1| PREDICTED: Homo sapiens hypothetical LOC100505530 (LOC100505530),  
gi|310119765|ref|XR\_108644.1| PREDICTED: Homo sapiens hypothetical LOC100505635 (LOC100505635),  
gi|310119770|ref|XR\_108647.1| PREDICTED: Homo sapiens hypothetical LOC100505711 (LOC100505711),

gi|310119771|ref|XR\_108649.1| PREDICTED: Homo sapiens hypothetical LOC100505730, transcript variant

gi|310119773|ref|XR\_108650.1| PREDICTED: Homo sapiens FLJ38717 protein (FLJ38717), miscRNA;

gi|310119776|ref|XR\_108653.1| PREDICTED: Homo sapiens hypothetical LOC100505862 (LOC100505862),

gi|310119792|ref|XR\_108619.1| PREDICTED: Homo sapiens hypothetical LOC728052 (LOC728052), miscRNA;

gi|310119793|ref|XM\_003118552.1| PREDICTED: Homo sapiens hypothetical protein LOC100507172 (LOC100507172),

gi|310119795|ref|XR\_108621.1| PREDICTED: Homo sapiens hypothetical LOC100507367 (LOC100507367),

gi|310119799|ref|XR\_108607.1| PREDICTED: Homo sapiens hypothetical LOC100506740 (LOC100506740),

gi|310119804|ref|XR\_108612.1| PREDICTED: Homo sapiens hypothetical LOC100506867 (LOC100506867),

gi|310119808|ref|XR\_108616.1| PREDICTED: Homo sapiens hypothetical LOC100506926 (LOC100506926),

gi|310119812|ref|XR\_108617.1| PREDICTED: Homo sapiens hypothetical LOC100507024 (LOC100507024),

gi|310119813|ref|XR\_110202.1| PREDICTED: Homo sapiens hypothetical LOC100506090 (LOC100506090),

gi|310119817|ref|XR\_110206.1| PREDICTED: Homo sapiens hypothetical LOC100506165 (LOC100506165),

gi|310119819|ref|XR\_110208.1| PREDICTED: Homo sapiens hypothetical LOC100287366 (LOC100287366),

gi|310119830|ref|XR\_110209.1| PREDICTED: Homo sapiens hypothetical LOC100506389 (LOC100506389),

gi|310119832|ref|XR\_110211.1| PREDICTED: Homo sapiens hypothetical LOC100506430 (LOC100506430),

gi|310119833|ref|XR\_110212.1| PREDICTED: Homo sapiens hypothetical LOC100287612 (LOC100287612),

gi|310119834|ref|XR\_110213.1| PREDICTED: Homo sapiens hCG1820801 (LOC441167), miscRNA; gi|34191.

gi|310119839|ref|XR\_110167.1| PREDICTED: Homo sapiens hypothetical LOC100507115 (LOC100507115),

gi|310119840|ref|XR\_110168.1| PREDICTED: Homo sapiens hypothetical LOC100507136 (LOC100507136),

gi|310119845|ref|XR\_110173.1| PREDICTED: Homo sapiens hypothetical LOC100507308 (LOC100507308),

gi|310119847|ref|XR\_110175.1| PREDICTED: Homo sapiens hypothetical LOC644135 (LOC644135), miscRNA;

gi|310119848|ref|XR\_110176.1| PREDICTED: Homo sapiens hypothetical LOC100507390 (LOC100507390),

gi|310119852|ref|XM\_003118898.1| PREDICTED: Homo sapiens hypothetical protein LOC100130476 (LOC100130476),

gi|310119863|ref|XR\_110188.1| PREDICTED: Homo sapiens hypothetical LOC100507624 (LOC100507624),

gi|310119864|ref|XR\_110189.1| PREDICTED: Homo sapiens hypothetical LOC100507662 (LOC100507662),

gi|310119865|ref|XR\_110190.1| PREDICTED: Homo sapiens hypothetical LOC100505475 (LOC100505475),

gi|310119866|ref|XR\_110191.1| PREDICTED: Homo sapiens hypothetical LOC100505519 (LOC100505519),

gi|310119877|ref|XR\_110198.1| PREDICTED: Homo sapiens hCG1817208 (LOC729995), miscRNA;

gi|310119888|ref|XR\_110201.1| PREDICTED: Homo sapiens hypothetical LOC100505903 (LOC100505903),

gi|310119896|ref|XR\_108725.1| PREDICTED: Homo sapiens hypothetical LOC100505551 (LOC100505551),

gi|310119900|ref|XR\_108729.1| PREDICTED: Homo sapiens hypothetical LOC100505644, transcript variant

gi|310119901|ref|XR\_108730.1| PREDICTED: Homo sapiens hypothetical LOC100128374 (LOC100128374),

gi|310119906|ref|XR\_108734.1| PREDICTED: Homo sapiens hypothetical LOC100129484 (LOC100129484),

gi|310119911|ref|XR\_108739.1| PREDICTED: Homo sapiens hypothetical LOC100505921 (LOC100505921),

gi|310119920|ref|XR\_108746.1| PREDICTED: Homo sapiens hypothetical LOC100506098, transcript variant

gi|310119931|ref|XR\_108755.1| PREDICTED: Homo sapiens hypothetical LOC285943 (LOC285943), miscRNA;

gi|310119936|ref|XR\_108760.1| PREDICTED: Homo sapiens hypothetical LOC100129463 (LOC100129463),

gi|310119939|ref|XR\_108763.1| PREDICTED: Homo sapiens hypothetical LOC100506516 (LOC100506516),

gi|310119947|ref|XR\_108766.1| PREDICTED: Homo sapiens hypothetical FLJ20712 (FLJ20712), miscRNA; gi|

gi|310119963|ref|XR\_108776.1| PREDICTED: Homo sapiens hypothetical LOC100128364 (LOC100128364),

gi|310119970|ref|XM\_001716056.3| PREDICTED: Homo sapiens hypothetical protein LOC100131871 (LOC100131871),

gi|310119977|ref|XM\_002342720.2| PREDICTED: Homo sapiens putative uncharacterized protein FLJ44672

gi|310119979|ref|XM\_002342721.2| PREDICTED: Homo sapiens hypothetical protein LOC100132050 (LOC100132050),

gi|310119980|ref|XM\_003118987.1| PREDICTED: Homo sapiens putative uncharacterized protein encoded

gi|310119983|ref|XM\_002342726.2| PREDICTED: Homo sapiens equilibrative nucleoside transporter 4-like

gi|310119987|ref|XM\_003118594.1| PREDICTED: Homo sapiens hypothetical protein LOC100506447 (LOC100506447),

gi|310119995|ref|XR\_108825.1| PREDICTED: Homo sapiens hypothetical LOC100289098, transcript variant

gi|310120000|ref|XR\_108829.1| PREDICTED: Homo sapiens hypothetical LOC100507615 (LOC100507615), i

gi|310120007|ref|XM\_001722348.3| PREDICTED: Homo sapiens RCC1-like G exchanging factor-like (LOC653

gi|310120015|ref|XM\_003118584.1| PREDICTED: Homo sapiens putative speedy protein-like protein 2-like,

gi|310120026|ref|XM\_003118581.1| PREDICTED: Homo sapiens hypothetical protein LOC100507508 (LOC1

gi|310120052|ref|XM\_003118595.1| PREDICTED: Homo sapiens diacylglycerol O-acyltransferase 2 like prot

gi|310120075|ref|XR\_108795.1| PREDICTED: Homo sapiens hypothetical LOC100128737, transcript variant

gi|310120078|ref|XR\_108799.1| PREDICTED: Homo sapiens hypothetical LOC100506489 (LOC100506489), i

gi|310120082|ref|XR\_108803.1| PREDICTED: Homo sapiens hypothetical LOC100506586 (LOC100506586), i

gi|310120091|ref|XR\_108812.1| PREDICTED: Homo sapiens hypothetical LOC100127891 (LOC100127891), i

gi|310120101|ref|XR\_108820.1| PREDICTED: Homo sapiens hypothetical LOC100506937 (LOC100506937), i

gi|310120103|ref|XR\_108821.1| PREDICTED: Homo sapiens hypothetical LOC100506957 (LOC100506957), i

gi|310120148|ref|XR\_110087.1| PREDICTED: Homo sapiens family with sequence similarity 87, member A (

gi|310120158|ref|XM\_001726945.3| PREDICTED: Homo sapiens family with sequence similarity 90, membe

gi|310120159|ref|XM\_372013.8| PREDICTED: Homo sapiens family with sequence similarity 90, member A3

gi|310120160|ref|XM\_928853.5| PREDICTED: Homo sapiens family with sequence similarity 90, member A1

gi|310120167|ref|XR\_110588.1| PREDICTED: Homo sapiens hypothetical LOC100505734 (LOC100505734), i

gi|310120169|ref|XR\_110590.1| PREDICTED: Homo sapiens family with sequence similarity 85, member A (

gi|310120172|ref|XR\_110862.1| PREDICTED: Homo sapiens nervous system abundant protein 11 (NSAP11),

gi|310120183|ref|XR\_110871.1| PREDICTED: Homo sapiens hypothetical LOC100507207 (LOC100507207), i

gi|310120184|ref|XR\_110872.1| PREDICTED: Homo sapiens hypothetical LOC100507222 (LOC100507222), i

gi|310120195|ref|XR\_110877.1| PREDICTED: Homo sapiens hypothetical LOC100507420, transcript variant

gi|310120210|ref|XR\_108906.1| PREDICTED: Homo sapiens short chain dehydrogenase/reductase family 16

gi|310120216|ref|XR\_108910.1| PREDICTED: Homo sapiens hypothetical LOC100505501, transcript variant

gi|310120227|ref|XR\_108901.1| PREDICTED: Homo sapiens hypothetical LOC100507186 (LOC100507186), i

gi|310120228|ref|XR\_108902.1| PREDICTED: Homo sapiens hypothetical LOC100507204 (LOC100507204), i

gi|310120235|ref|XR\_108863.1| PREDICTED: Homo sapiens hypothetical LOC100506351 (LOC100506351), i

gi|310120239|ref|XR\_108867.1| PREDICTED: Homo sapiens hypothetical LOC100132183 (FP6628), miscRNA/

gi|310120256|ref|XR\_108878.1| PREDICTED: Homo sapiens hypothetical LOC100506910 (LOC100506910), i

gi|310120262|ref|XR\_108884.1| PREDICTED: Homo sapiens hypothetical LOC100507018 (LOC100507018), i

gi|310120265|ref|XR\_108888.1| PREDICTED: Homo sapiens hypothetical LOC100507101 (LOC100507101), i

gi|310120266|ref|XR\_108887.1| PREDICTED: Homo sapiens transmembrane protein 75 (TMEM75), miscRN.

gi|310120268|ref|XR\_108890.1| PREDICTED: Homo sapiens hypothetical LOC100507162 (LOC100507162), i

gi|310120283|ref|XM\_001126758.3| PREDICTED: Homo sapiens family with sequence similarity 203, memb

gi|310120286|ref|XR\_110584.1| PREDICTED: Homo sapiens hypothetical LOC100507333 (LOC100507333), i

gi|310120288|ref|XR\_110585.1| PREDICTED: Homo sapiens hypothetical LOC100129596 (LOC100129596), i

gi|310120293|ref|XR\_108924.1| PREDICTED: Homo sapiens Down syndrome encephalopathy related protei

gi|310120296|ref|XR\_108927.1| PREDICTED: Homo sapiens hypothetical LOC100287623 (LOC100287623), i

gi|310120298|ref|XR\_108929.1| PREDICTED: Homo sapiens hypothetical LOC100506267, transcript variant

gi|310120304|ref|XR\_108935.1| PREDICTED: Homo sapiens hypothetical LOC648570 (LOC648570), miscRN.

gi|310120314|ref|XM\_001725999.2| PREDICTED: Homo sapiens hypothetical protein LOC100130458 (LOC1

gi|310120321|ref|XR\_108945.1| PREDICTED: Homo sapiens chromosome 9 open reading frame 51 (C9orf51

gi|310120323|ref|XR\_110604.1| PREDICTED: Homo sapiens hypothetical LOC642373 (LOC642373), miscRN.

gi|310120325|ref|XR\_110602.1| PREDICTED: Homo sapiens hypothetical LOC100506103 (LOC100506103), i

gi|310120326|ref|XR\_110603.1| PREDICTED: Homo sapiens hypothetical LOC554249 (LOC554249), miscRN.

gi|310120327|ref|XM\_002342909.2| PREDICTED: Homo sapiens hypothetical protein LOC100289006 (LOC1

gi|310120334|ref|XM\_003119169.1| PREDICTED: Homo sapiens protein FAM27D1-like (LOC100505781), m

gi|310120337|ref|XM\_002342917.2| PREDICTED: Homo sapiens protein FAM27D1-like (LOC100287368), m

gi|310120339|ref|XR\_110793.1| PREDICTED: Homo sapiens hypothetical LOC100507284 (LOC100507284), i  
gi|310120343|ref|XR\_110790.1| PREDICTED: Homo sapiens hypothetical LOC100126582 (LOC100126582), i  
gi|310120354|ref|XM\_002342923.2| PREDICTED: Homo sapiens hypothetical protein LOC100288676 (LOC1  
gi|310120355|ref|XR\_110610.1| PREDICTED: Homo sapiens hypothetical LOC644684 (LOC644684), miscRN  
gi|310120363|ref|XR\_108989.1| PREDICTED: Homo sapiens hypothetical LOC100507540 (LOC100507540), i  
gi|310120366|ref|XR\_108966.1| PREDICTED: Homo sapiens hypothetical LOC100506605 (LOC100506605), i  
gi|310120368|ref|XR\_108969.1| PREDICTED: Homo sapiens hypothetical LOC100506834 (LOC100506834), i  
gi|310120371|ref|XR\_108971.1| PREDICTED: Homo sapiens hypothetical LOC100506912 (LOC100506912), i  
gi|310120373|ref|XR\_108974.1| PREDICTED: Homo sapiens hypothetical LOC100507103 (LOC100507103), i  
gi|310120380|ref|XM\_001126659.4| PREDICTED: Homo sapiens prothymosin alpha-like (LOC728026), mRN  
gi|310120381|ref|XR\_108981.1| PREDICTED: Homo sapiens hypothetical LOC100507332 (LOC100507332), i  
gi|310120382|ref|XR\_108980.1| PREDICTED: Homo sapiens hypothetical LOC100507319 (LOC100507319), i  
gi|310120386|ref|XR\_108983.1| PREDICTED: Homo sapiens hypothetical LOC100507364 (LOC100507364), i  
gi|310120389|ref|XR\_108987.1| PREDICTED: Homo sapiens hypothetical LOC100507465 (LOC100507465), i  
gi|310120391|ref|XR\_108990.1| PREDICTED: Homo sapiens hypothetical LOC100288449 (LOC100288449), i  
gi|310120402|ref|XR\_108994.1| PREDICTED: Homo sapiens chromosome 9 open reading frame 148 (C9orf1  
gi|310120404|ref|XR\_108996.1| PREDICTED: Homo sapiens hypothetical LOC100505607 (LOC100505607), i  
gi|310120405|ref|XR\_108997.1| PREDICTED: Homo sapiens erythrocyte transmembrane protein (LOC51145  
gi|310120406|ref|XR\_108947.1| PREDICTED: Homo sapiens hypothetical LOC100505986 (LOC100505986), i  
gi|310120412|ref|XR\_108949.1| PREDICTED: Homo sapiens hypothetical LOC100506080 (LOC100506080), i  
gi|310120423|ref|XR\_108956.1| PREDICTED: Homo sapiens hypothetical LOC100128077 (LOC100128077), i  
gi|310120424|ref|XR\_108961.1| PREDICTED: Homo sapiens hypothetical LOC100506231 (LOC100506231), i  
gi|310120425|ref|XR\_108962.1| PREDICTED: Homo sapiens FLJ46836 protein (FLJ46836), miscRNA; gi|3101  
gi|310120428|ref|XR\_108998.1| PREDICTED: Homo sapiens hypothetical LOC100288619 (LOC100288619), i  
gi|310120437|ref|XR\_109007.1| PREDICTED: Homo sapiens chromosome 10 open reading frame 31 (C10orf  
gi|310120442|ref|XR\_109012.1| PREDICTED: Homo sapiens hypothetical LOC100507309 (LOC100507309), i  
gi|310120453|ref|XM\_003118619.1| PREDICTED: Homo sapiens hypothetical protein LOC100507445 (LOC1  
gi|310120456|ref|XR\_109018.1| PREDICTED: Homo sapiens hypothetical LOC100289455 (LOC100289455), i  
gi|310120459|ref|XR\_109019.1| PREDICTED: Homo sapiens hypothetical LOC100507531 (LOC100507531), i  
gi|310120464|ref|XR\_109021.1| PREDICTED: Homo sapiens hypothetical LOC100505485 (LOC100505485), i  
gi|310120467|ref|XR\_109022.1| PREDICTED: Homo sapiens hypothetical LOC100505562 (LOC100505562), i  
gi|310120469|ref|XR\_109024.1| PREDICTED: Homo sapiens hypothetical LOC100505601 (LOC100505601), i  
gi|310120485|ref|XR\_110546.1| PREDICTED: Homo sapiens cyclin Y-like 2 (CCNYL2), miscRNA;  
gi|310120490|ref|XM\_001724322.3| PREDICTED: Homo sapiens hypothetical protein LOC100130539 (LOC1  
gi|310120530|ref|XR\_110425.1| PREDICTED: Homo sapiens hypothetical LOC729815 (LOC729815), miscRN  
gi|310120535|ref|XR\_110430.1| PREDICTED: Homo sapiens hypothetical LOC100133190 (LOC100133190), i  
gi|310120538|ref|XR\_110433.1| PREDICTED: Homo sapiens hypothetical LOC100132116 (LOC100132116), i  
gi|310120539|ref|XR\_110434.1| PREDICTED: Homo sapiens hypothetical LOC100507575 (LOC100507575), i  
gi|310120540|ref|XR\_110435.1| PREDICTED: Homo sapiens hypothetical LOC100507596 (LOC100507596), i  
gi|310120542|ref|XR\_110437.1| PREDICTED: Homo sapiens hypothetical LOC100507633 (LOC100507633), i  
gi|310120549|ref|XR\_110445.1| PREDICTED: Homo sapiens hypothetical LOC100505606, transcript variant  
gi|310120559|ref|XR\_110451.1| PREDICTED: Homo sapiens hypothetical LOC100505820 (LOC100505820), i  
gi|310120563|ref|XR\_110455.1| PREDICTED: Homo sapiens hypothetical LOC100505890 (LOC100505890), i  
gi|310120564|ref|XM\_001718321.2| PREDICTED: Homo sapiens hypothetical protein LOC100128304 (LOC1  
gi|310120575|ref|XR\_110462.1| PREDICTED: Homo sapiens chromosome 10 open reading frame 85 (C10orf  
gi|310120576|ref|XR\_110463.1| PREDICTED: Homo sapiens hypothetical LOC100506158 (LOC100506158), i  
gi|310120578|ref|XM\_003118957.1| PREDICTED: Homo sapiens hypothetical protein LOC100506255 (LOC1



gi|310120581|ref|XR\_110464.1| PREDICTED: Homo sapiens hypothetical LOC100506291, transcript variant  
gi|310120584|ref|XR\_109027.1| PREDICTED: Homo sapiens hypothetical LOC387720 (LOC387720), miscRNA;  
gi|310120587|ref|XR\_109028.1| PREDICTED: Homo sapiens hypothetical LOC100506006 (LOC100506006), i  
gi|310120595|ref|XR\_109032.1| PREDICTED: Homo sapiens hypothetical LOC100289424 (LOC100289424), i  
gi|310120605|ref|XR\_109057.1| PREDICTED: Homo sapiens hypothetical locus LOC692247 (LOC692247), m  
gi|310120609|ref|XR\_109072.1| PREDICTED: Homo sapiens hypothetical LOC100506518 (LOC100506518), i  
gi|310120611|ref|XR\_109078.1| PREDICTED: Homo sapiens hypothetical LOC100506720 (LOC100506720), i  
gi|310120612|ref|XR\_109042.1| PREDICTED: Homo sapiens hypothetical LOC100294360 (LOC100294360), i  
gi|310120613|ref|XR\_109052.1| PREDICTED: Homo sapiens hypothetical LOC100505570 (LOC100505570), i  
gi|310120614|ref|XM\_003118633.1| PREDICTED: Homo sapiens hypothetical protein LOC100505870 (LOC1  
gi|310120622|ref|XR\_109055.1| PREDICTED: Homo sapiens hypothetical LOC100506101 (LOC100506101), i  
gi|310120625|ref|XR\_109062.1| PREDICTED: Homo sapiens hypothetical LOC100506258 (LOC100506258), i  
gi|310120632|ref|XR\_109070.1| PREDICTED: Homo sapiens hypothetical LOC100506367 (LOC100506367), i  
gi|310120655|ref|XR\_109037.1| PREDICTED: Homo sapiens hypothetical LOC100507109 (LOC100507109), i  
gi|310120668|ref|XR\_109045.1| PREDICTED: Homo sapiens hypothetical LOC100507282 (LOC100507282), i  
gi|310120670|ref|XM\_003118628.1| PREDICTED: Homo sapiens hypothetical protein LOC100507338 (LOC1  
gi|310120672|ref|XR\_109047.1| PREDICTED: Homo sapiens hypothetical LOC399886 (FLJ41423), miscRNA;  
gi|310120683|ref|XR\_110907.1| PREDICTED: Homo sapiens hypothetical LOC100507106 (LOC100507106), i  
gi|310120694|ref|XR\_110908.1| PREDICTED: Homo sapiens hypothetical LOC100507411, transcript variant  
gi|310120712|ref|XR\_110914.1| PREDICTED: Homo sapiens hypothetical LOC728975 (LOC728975), miscRNA;  
gi|310120719|ref|XR\_110921.1| PREDICTED: Homo sapiens hypothetical LOC100505504 (LOC100505504), i  
gi|310120728|ref|XR\_110888.1| PREDICTED: Homo sapiens hypothetical LOC100505834 (LOC100505834), i  
gi|310120736|ref|XR\_110892.1| PREDICTED: Homo sapiens hypothetical LOC100506045 (LOC100506045), i  
gi|310120737|ref|XM\_002343116.2| PREDICTED: Homo sapiens hypothetical protein LOC100287837 (LOC1  
gi|310120740|ref|XR\_110893.1| PREDICTED: Homo sapiens hypothetical LOC100506113 (LOC100506113), i  
gi|310120748|ref|XR\_110895.1| PREDICTED: Homo sapiens hypothetical LOC100506220 (LOC100506220), i  
gi|310120752|ref|XR\_110899.1| PREDICTED: Homo sapiens hypothetical LOC100506282 (LOC100506282), i  
gi|310120766|ref|XR\_110904.1| PREDICTED: Homo sapiens hypothetical LOC100129203 (LOC100129203), i  
gi|310120767|ref|XR\_110905.1| PREDICTED: Homo sapiens hypothetical LOC100131541 (LOC100131541), i  
gi|310120768|ref|XR\_110515.1| PREDICTED: Homo sapiens hypothetical LOC727869 (LOC727869), miscRNA;  
gi|310120776|ref|XR\_110517.1| PREDICTED: Homo sapiens sporadic kidney cancer gene 1 (SKCG-1), miscRNA;  
gi|310120777|ref|XR\_110541.1| PREDICTED: Homo sapiens hypothetical LOC644277 (LOC644277), miscRNA;  
gi|310120778|ref|XR\_110518.1| PREDICTED: Homo sapiens hypothetical LOC100506852 (LOC100506852), i  
gi|310120779|ref|XR\_110519.1| PREDICTED: Homo sapiens hypothetical LOC100506870, transcript variant  
gi|310120786|ref|XR\_110524.1| PREDICTED: Homo sapiens hypothetical LOC100506982 (LOC100506982), i  
gi|310120792|ref|XR\_110528.1| PREDICTED: Homo sapiens hypothetical LOC729173 (LOC729173), miscRNA;  
gi|310120796|ref|XR\_110532.1| PREDICTED: Homo sapiens hypothetical LOC100128242 (LOC100128242), i  
gi|310121804|ref|XR\_110537.1| PREDICTED: Homo sapiens chromosome 11 open reading frame 44 (C11orf  
gi|310122810|ref|XM\_933688.5| PREDICTED: Homo sapiens hypothetical protein LOC646543 (LOC646543),  
gi|310122824|ref|XR\_109118.1| PREDICTED: Homo sapiens hypothetical LOC100128253 (LOC100128253), i  
gi|310122826|ref|XR\_109120.1| PREDICTED: Homo sapiens ACAH3104 (LOC100128816), miscRNA; gi|3101  
gi|310122827|ref|XR\_109121.1| PREDICTED: Homo sapiens hypothetical LOC100507492 (LOC100507492), i  
gi|310122828|ref|XR\_109123.1| PREDICTED: Homo sapiens hypothetical LOC100507511, transcript variant  
gi|310122830|ref|XR\_109124.1| PREDICTED: Homo sapiens hypothetical LOC100507560 (LOC100507560), i  
gi|310122832|ref|XM\_003118647.1| PREDICTED: Homo sapiens hypothetical protein LOC100507271 (LOC1  
gi|310122842|ref|XM\_001715897.2| PREDICTED: Homo sapiens ovostatin (OVOS), mRNA; gi|341914878|re  
gi|310122857|ref|XM\_928212.5| PREDICTED: Homo sapiens hypothetical protein LOC645177 (LOC645177),

gi|310122871|ref|XM\_002343151.2| PREDICTED: Homo sapiens ovostatin 2 (OVOS2), mRNA;

gi|310122874|ref|XR\_110350.1| PREDICTED: Homo sapiens mucin 19, oligomeric (MUC19), miscRNA; gi|310122885|ref|XR\_110340.1| PREDICTED: Homo sapiens hypothetical LOC100506125, transcript variant

gi|310122893|ref|XR\_110344.1| PREDICTED: Homo sapiens hypothetical LOC100289104, transcript variant

gi|310122907|ref|XR\_110361.1| PREDICTED: Homo sapiens hypothetical LOC100506732, transcript variant

gi|310122931|ref|XR\_110373.1| PREDICTED: Homo sapiens hypothetical LOC100507175 (LOC100507175),

gi|310122932|ref|XR\_110374.1| PREDICTED: Homo sapiens hypothetical LOC100507195 (LOC100507195),

gi|310122936|ref|XR\_110379.1| PREDICTED: Homo sapiens hypothetical LOC100507330 (LOC100507330),

gi|310122937|ref|XR\_110320.1| PREDICTED: Homo sapiens hypothetical LOC100507345 (LOC100507345),

gi|310122942|ref|XR\_110323.1| PREDICTED: Homo sapiens hypothetical LOC100507498 (LOC100507498),

gi|310122944|ref|XR\_110325.1| PREDICTED: Homo sapiens hypothetical LOC100507559 (LOC100507559),

gi|310122947|ref|XR\_110328.1| PREDICTED: Homo sapiens hypothetical LOC100507616 (LOC100507616),

gi|310122978|ref|XR\_109133.1| PREDICTED: Homo sapiens hypothetical LOC100506465, transcript variant

gi|310122981|ref|XR\_109135.1| PREDICTED: Homo sapiens hypothetical LOC100506551 (LOC100506551),

gi|310122988|ref|XR\_109143.1| PREDICTED: Homo sapiens hypothetical LOC100506691 (LOC100506691),

gi|310123000|ref|XR\_109113.1| PREDICTED: Homo sapiens hypothetical LOC100128276 (LOC100128276),

gi|310123001|ref|XR\_109110.1| PREDICTED: Homo sapiens hypothetical LOC100128840 (LOC100128840),

gi|310123003|ref|XR\_109112.1| PREDICTED: Homo sapiens hypothetical LOC338797 (LOC338797), miscRNA;

gi|310123004|ref|XR\_110102.1| PREDICTED: Homo sapiens hypothetical LOC100506978 (LOC100506978),

gi|310123020|ref|XR\_110105.1| PREDICTED: Homo sapiens hypothetical LOC100506622 (LOC100506622),

gi|310123028|ref|XR\_110111.1| PREDICTED: Homo sapiens hypothetical LOC100507040 (LOC100507040),

gi|310123031|ref|XR\_110114.1| PREDICTED: Homo sapiens FRY antisense RNA 1 (non-protein coding) (FRY-

gi|310123032|ref|XR\_110115.1| PREDICTED: Homo sapiens hypothetical LOC100507114 (LOC100507114),

gi|310123040|ref|XR\_110121.1| PREDICTED: Homo sapiens hypothetical LOC100287803, transcript variant

gi|310123047|ref|XM\_003118889.1| PREDICTED: Homo sapiens serine/threonine-protein kinase Nek5-like

gi|310123049|ref|XR\_110126.1| PREDICTED: Homo sapiens hypothetical LOC100507428 (LOC100507428),

gi|310123050|ref|XR\_110127.1| PREDICTED: Homo sapiens hypothetical LOC647264 (LOC647264), miscRNA;

gi|310123054|ref|XR\_110128.1| PREDICTED: Homo sapiens hypothetical LOC100507612 (LOC100507612),

gi|310123064|ref|XR\_110283.1| PREDICTED: Homo sapiens hypothetical LOC100506303 (LOC100506303),

gi|310123070|ref|XR\_110291.1| PREDICTED: Homo sapiens hypothetical LOC642477 (FLJ39632), miscRNA;

gi|310123086|ref|XR\_110272.1| PREDICTED: Homo sapiens hypothetical LOC100506004 (LOC100506004),

gi|310123090|ref|XR\_110278.1| PREDICTED: Homo sapiens hypothetical LOC100506143 (LOC100506143),

gi|310123092|ref|XR\_110280.1| PREDICTED: Homo sapiens hypothetical LOC100289251 (LOC100289251),

gi|310123105|ref|XR\_110290.1| PREDICTED: Homo sapiens hypothetical LOC100506499 (LOC100506499),

gi|310123106|ref|XR\_110292.1| PREDICTED: Homo sapiens hypothetical LOC100506549 (LOC100506549),

gi|310123107|ref|XR\_110293.1| PREDICTED: Homo sapiens hypothetical LOC100506566 (LOC100506566),

gi|310123114|ref|XR\_110298.1| PREDICTED: Homo sapiens hypothetical LOC100506767 (LOC100506767),

gi|310123115|ref|XR\_110216.1| PREDICTED: Homo sapiens hypothetical LOC100506245 (LOC100506245),

gi|310123117|ref|XM\_003118910.1| PREDICTED: Homo sapiens hypothetical protein LOC100506290 (LOC100506290),

gi|310123122|ref|XR\_110219.1| PREDICTED: Homo sapiens hypothetical LOC100506411 (LOC100506411),

gi|310123123|ref|XR\_110264.1| PREDICTED: Homo sapiens chromosome 14 open reading frame 56 (C14orf145),

gi|310123124|ref|XR\_110220.1| PREDICTED: Homo sapiens hypothetical LOC100287558 (LOC100287558),

gi|310123125|ref|XR\_110221.1| PREDICTED: Homo sapiens hypothetical LOC100506476 (LOC100506476),

gi|310123134|ref|XR\_110228.1| PREDICTED: Homo sapiens hypothetical LOC100506659 (LOC100506659),

gi|310123135|ref|XR\_110229.1| PREDICTED: Homo sapiens hypothetical LOC100506700 (LOC100506700),

gi|310123136|ref|XR\_110231.1| PREDICTED: Homo sapiens hypothetical LOC100506731 (LOC100506731),

gi|310123140|ref|XR\_110232.1| PREDICTED: Homo sapiens hypothetical LOC100506777 (LOC100506777),

gi|310123145|ref|XR\_110237.1| PREDICTED: Homo sapiens hypothetical LOC283588 (LOC283588), miscRNA;  
gi|310123147|ref|XR\_110238.1| PREDICTED: Homo sapiens hypothetical LOC100506919, transcript variant  
gi|310123149|ref|XM\_003118914.1| PREDICTED: Homo sapiens uncharacterized protein C14orf113-like (LOC  
gi|310123152|ref|XR\_110242.1| PREDICTED: Homo sapiens hypothetical LOC100133207 (LOC100133207), l  
gi|310123156|ref|XR\_110246.1| PREDICTED: Homo sapiens hypothetical LOC100130815 (LOC100130815), l  
gi|310123165|ref|XR\_110249.1| PREDICTED: Homo sapiens hypothetical LOC100507226 (LOC100507226), l  
gi|310123166|ref|XR\_110250.1| PREDICTED: Homo sapiens hypothetical LOC100507242 (LOC100507242), l  
gi|310123169|ref|XR\_110253.1| PREDICTED: Homo sapiens hypothetical LOC100507295 (LOC100507295), l  
gi|310123172|ref|XR\_110256.1| PREDICTED: Homo sapiens hypothetical LOC100288144 (LOC100288144), l  
gi|310123173|ref|XR\_110258.1| PREDICTED: Homo sapiens hypothetical LOC100507437, transcript variant  
gi|310123175|ref|XR\_110259.1| PREDICTED: Homo sapiens hypothetical LOC100128343 (LOC100128343), l  
gi|310123177|ref|XR\_110262.1| PREDICTED: Homo sapiens hypothetical LOC100288273 (LOC100288273), l  
gi|310123182|ref|XM\_002343311.2| PREDICTED: Homo sapiens hypothetical protein LOC100287326 (LOC1  
gi|310123191|ref|XM\_003119023.1| PREDICTED: Homo sapiens putative golgin subfamily A member 6-like  
gi|310123193|ref|XM\_496041.5| PREDICTED: Homo sapiens Putative golgin subfamily A member 6-like pro  
gi|310123201|ref|XM\_002343322.2| PREDICTED: Homo sapiens golgin A6 family-like 2 (GOLGA6L2), mRNA;  
gi|310123203|ref|XR\_110299.1| PREDICTED: Homo sapiens hypothetical LOC100506948 (LOC100506948), l  
gi|310123205|ref|XR\_110301.1| PREDICTED: Homo sapiens hypothetical LOC100507007 (LOC100507007), l  
gi|310123217|ref|XM\_001724259.3| PREDICTED: Homo sapiens Golgin subfamily A member 8-like protein  
gi|310123225|ref|XR\_109206.1| PREDICTED: Homo sapiens hypothetical LOC100130111 (LOC100130111), l  
gi|310123228|ref|XM\_001724383.3| PREDICTED: Homo sapiens golgin A8 family, member J, transcript varia  
gi|310123231|ref|XR\_109172.1| PREDICTED: Homo sapiens hypothetical LOC100289637 (LOC100289637), l  
gi|310123251|ref|XM\_002343358.2| PREDICTED: Homo sapiens hypothetical protein LOC100288601 (LOC1  
gi|310123254|ref|XM\_003118665.1| PREDICTED: Homo sapiens putative golgin subfamily A member 8l-like  
gi|310123256|ref|XR\_109171.1| PREDICTED: Homo sapiens hect domain and RLD 2 pseudogene (LOC39056  
gi|310123267|ref|XM\_003118656.1| PREDICTED: Homo sapiens golgin subfamily A member 8-like protein 2  
gi|310123289|ref|XR\_109178.1| PREDICTED: Homo sapiens hypothetical LOC100505534 (LOC100505534), l  
gi|310123291|ref|XR\_109180.1| PREDICTED: Homo sapiens hypothetical LOC100505573 (LOC100505573), l  
gi|310123298|ref|XR\_109186.1| PREDICTED: Homo sapiens hypothetical LOC100505769 (LOC100505769), l  
gi|310123299|ref|XR\_109187.1| PREDICTED: Homo sapiens hypothetical LOC100506059 (LOC100506059), l  
gi|310123301|ref|XR\_109190.1| PREDICTED: Homo sapiens hypothetical LOC100506192 (LOC100506192), l  
gi|310123305|ref|XR\_109195.1| PREDICTED: Homo sapiens hypothetical LOC100506294, transcript variant  
gi|310123312|ref|XR\_109203.1| PREDICTED: Homo sapiens hypothetical LOC100506530 (LOC100506530), l  
gi|310123315|ref|XR\_109204.1| PREDICTED: Homo sapiens hypothetical LOC100506580 (LOC100506580), l  
gi|310123328|ref|XM\_003118667.1| PREDICTED: Homo sapiens COMM domain-containing protein 4-like (L  
gi|310123334|ref|XR\_109175.1| PREDICTED: Homo sapiens golgin-like (LOC441728), miscRNA;  
gi|310123345|ref|XR\_110593.1| PREDICTED: Homo sapiens hypothetical LOC643696 (LOC643696), miscRNA;  
gi|310123359|ref|XR\_110597.1| PREDICTED: Homo sapiens hypothetical LOC100505616, transcript variant  
gi|310123375|ref|XM\_002343391.2| PREDICTED: Homo sapiens golgin A6 family-like 3, transcript variant 1  
gi|310123384|ref|XR\_109220.1| PREDICTED: Homo sapiens hypothetical LOC100288997 (LOC100288997), l  
gi|310123385|ref|XR\_109221.1| PREDICTED: Homo sapiens hypothetical LOC100507118 (LOC100507118), l  
gi|310123400|ref|XR\_109228.1| PREDICTED: Homo sapiens hypothetical LOC100507325 (LOC100507325), l  
gi|310123403|ref|XR\_109229.1| PREDICTED: Homo sapiens hypothetical LOC400464 (LOC400464), miscRNA;  
gi|310123404|ref|XR\_109230.1| PREDICTED: Homo sapiens hypothetical LOC440313 (LOC440313), miscRNA;  
gi|310123416|ref|XR\_109236.1| PREDICTED: Homo sapiens hypothetical LOC100287175 (LOC100287175), l  
gi|310123417|ref|XR\_109235.1| PREDICTED: Homo sapiens hypothetical LOC100130285 (LOC100130285), l  
gi|310123418|ref|XR\_109237.1| PREDICTED: Homo sapiens hypothetical LOC100507146 (LOC100507146), l

gi|310123422|ref|XR\_109241.1| PREDICTED: Homo sapiens hypothetical LOC100507235 (LOC100507235), l  
gi|310123424|ref|XR\_109242.1| PREDICTED: Homo sapiens hypothetical LOC100507303 (LOC100507303), l  
gi|310123430|ref|XR\_109246.1| PREDICTED: Homo sapiens hypothetical LOC100507458, transcript variant  
gi|310123435|ref|XR\_109249.1| PREDICTED: Homo sapiens hypothetical LOC100507570 (LOC100507570), l  
gi|310123437|ref|XR\_109251.1| PREDICTED: Homo sapiens hypothetical LOC440337 (LOC440337), miscRN  
gi|310123442|ref|XR\_109252.1| PREDICTED: Homo sapiens hypothetical LOC100287598 (LOC100287598), l  
gi|310123445|ref|XR\_109255.1| PREDICTED: Homo sapiens hypothetical LOC100287628, transcript variant  
gi|310123459|ref|XR\_109258.1| PREDICTED: Homo sapiens hypothetical LOC100129781, transcript variant  
gi|310123462|ref|XM\_003118692.1| PREDICTED: Homo sapiens nuclear pore complex-interacting protein-l  
gi|310123474|ref|XM\_003118697.1| PREDICTED: Homo sapiens nuclear pore complex-interacting protein-l  
gi|310123478|ref|XM\_003118698.1| PREDICTED: Homo sapiens nuclear pore complex-interacting protein-l  
gi|310123493|ref|XM\_002343425.2| PREDICTED: Homo sapiens hypothetical protein LOC100288368 (LOC1  
gi|310123501|ref|XM\_003118707.1| PREDICTED: Homo sapiens nuclear pore complex-interacting protein-l  
gi|310123503|ref|XM\_003118708.1| PREDICTED: Homo sapiens NPIP-like protein 1-like (LOC100506250), n  
gi|310123519|ref|XR\_109276.1| PREDICTED: Homo sapiens hypothetical LOC100506705 (LOC100506705), l  
gi|310123522|ref|XM\_003118718.1| PREDICTED: Homo sapiens hypothetical LOC728741 (LOC728741), par  
gi|310123533|ref|XR\_109279.1| PREDICTED: Homo sapiens hypothetical LOC100506862 (LOC100506862), l  
gi|310123538|ref|XR\_109277.1| PREDICTED: Homo sapiens hypothetical LOC100506830 (LOC100506830), l  
gi|310123540|ref|XM\_003118713.1| PREDICTED: Homo sapiens hypothetical protein LOC100506928 (LOC1  
gi|310123547|ref|XR\_109285.1| PREDICTED: Homo sapiens hypothetical LOC100507092 (LOC100507092), l  
gi|310123550|ref|XR\_109287.1| PREDICTED: Homo sapiens hypothetical LOC100128371 (LOC100128371), l  
gi|310123566|ref|XR\_109361.1| PREDICTED: Homo sapiens hypothetical LOC100130876 (LOC100130876), l  
gi|310123570|ref|XR\_109350.1| PREDICTED: Homo sapiens hypothetical LOC100506397 (LOC100506397), l  
gi|310123587|ref|XR\_109365.1| PREDICTED: Homo sapiens hypothetical LOC100506974 (LOC100506974), l  
gi|310123589|ref|XR\_109367.1| PREDICTED: Homo sapiens hypothetical FLJ45831 (FLJ45831), miscRNA; gi|  
gi|310123595|ref|XM\_001723179.2| PREDICTED: Homo sapiens hypothetical protein LOC100132472 (LOC1  
gi|310123596|ref|XR\_109372.1| PREDICTED: Homo sapiens hypothetical LOC79999 (LOC79999), miscRNA;  
gi|310123600|ref|XR\_109376.1| PREDICTED: Homo sapiens hypothetical LOC100507263, transcript variant  
gi|310123608|ref|XM\_933339.4| PREDICTED: Homo sapiens hypothetical protein LOC646021 (LOC646021),  
gi|310123610|ref|XR\_109454.1| PREDICTED: Homo sapiens hypothetical LOC100506582 (LOC100506582), l  
gi|310123613|ref|XR\_109455.1| PREDICTED: Homo sapiens hypothetical LOC100506629 (LOC100506629), l  
gi|310123614|ref|XR\_109456.1| PREDICTED: Homo sapiens hypothetical LOC100506643 (LOC100506643), l  
gi|310123637|ref|XM\_003118751.1| PREDICTED: Homo sapiens keratin associated protein 9-6 (KRTAP9-6),  
gi|310123652|ref|XR\_109386.1| PREDICTED: Homo sapiens hypothetical LOC100505899 (LOC100505899), l  
gi|310123655|ref|XR\_109387.1| PREDICTED: Homo sapiens hypothetical LOC100505972 (LOC100505972), l  
gi|310123657|ref|XR\_109389.1| PREDICTED: Homo sapiens hypothetical LOC100506044 (LOC100506044), l  
gi|310123660|ref|XR\_109390.1| PREDICTED: Homo sapiens hypothetical LOC100506162 (LOC100506162), l  
gi|310123661|ref|XM\_932149.5| PREDICTED: Homo sapiens hypothetical protein LOC644366 (LOC644366),  
gi|310123667|ref|XR\_109395.1| PREDICTED: Homo sapiens hypothetical LOC100506295, transcript variant  
gi|310123682|ref|XR\_109406.1| PREDICTED: Homo sapiens hypothetical LOC100506609 (LOC100506609), l  
gi|310123690|ref|XR\_109412.1| PREDICTED: Homo sapiens hypothetical LOC645460 (FLJ44342), miscRNA;  
gi|310123695|ref|XR\_109417.1| PREDICTED: Homo sapiens hypothetical LOC100506847 (LOC100506847), l  
gi|310123696|ref|XM\_003118745.1| PREDICTED: Homo sapiens CLTC intronic transcript 1 (non-protein cod  
gi|310123702|ref|XR\_109422.1| PREDICTED: Homo sapiens hypothetical LOC100507049 (LOC100507049), l  
gi|310123705|ref|XR\_109425.1| PREDICTED: Homo sapiens hypothetical LOC100134391 (LOC100134391), l  
gi|310123724|ref|XR\_109436.1| PREDICTED: Homo sapiens hypothetical LOC100507425 (LOC100507425), l  
gi|310123725|ref|XR\_109437.1| PREDICTED: Homo sapiens hypothetical LOC100507440 (LOC100507440), l



gi|310124024|ref|XR\_109633.1| PREDICTED: Homo sapiens hypothetical LOC100506470 (LOC100506470), i  
gi|310124026|ref|XR\_109635.1| PREDICTED: Homo sapiens hypothetical FLJ44790 (FLJ44790), miscRNA; gi|  
gi|310124027|ref|XR\_109636.1| PREDICTED: Homo sapiens hypothetical LOC100506553 (LOC100506553), i  
gi|310124028|ref|XR\_109637.1| PREDICTED: Homo sapiens hypothetical LOC100131174 (LOC100131174), i  
gi|310124034|ref|XR\_109592.1| PREDICTED: Homo sapiens hypothetical LOC100505771, transcript variant  
gi|310124035|ref|XR\_109593.1| PREDICTED: Homo sapiens chromosome 20 open reading frame 181 (C20o  
gi|310124038|ref|XR\_109656.1| PREDICTED: Homo sapiens hypothetical LOC441956 (LOC441956), miscRN  
gi|310124045|ref|XR\_109659.1| PREDICTED: Homo sapiens hypothetical LOC100289065 (LOC100289065), i  
gi|310124047|ref|XR\_109661.1| PREDICTED: Homo sapiens hypothetical LOC150051 (LOC150051), miscRN  
gi|310124052|ref|XR\_109666.1| PREDICTED: Homo sapiens hypothetical LOC100506284 (LOC100506284), i  
gi|310124060|ref|XR\_109674.1| PREDICTED: Homo sapiens FLJ45139 protein (FLJ45139), miscRNA;  
gi|310124061|ref|XR\_109675.1| PREDICTED: Homo sapiens hypothetical LOC100506471 (LOC100506471), i  
gi|310124068|ref|XM\_002343754.2| PREDICTED: Homo sapiens Putative uncharacterized protein ENSP000  
gi|310124071|ref|XR\_109690.1| PREDICTED: Homo sapiens hypothetical LOC100505974 (LOC100505974), i  
gi|310124075|ref|XR\_109680.1| PREDICTED: Homo sapiens chromosome 21 open reading frame 30 (C21or  
gi|310124079|ref|XR\_109684.1| PREDICTED: Homo sapiens non-protein coding RNA 316 (NCRNA00316), m  
gi|310124091|ref|XR\_109744.1| PREDICTED: Homo sapiens hypothetical LOC284861 (LOC284861), miscRN  
gi|310124093|ref|XM\_001129377.3| PREDICTED: Homo sapiens gamma-glutamyltransferase 2, transcript v  
gi|310124106|ref|XR\_109751.1| PREDICTED: Homo sapiens hypothetical LOC388882 (LOC388882), miscRN  
gi|310124107|ref|XR\_109752.1| PREDICTED: Homo sapiens hypothetical LOC100507580 (LOC100507580), i  
gi|310124108|ref|XR\_109753.1| PREDICTED: Homo sapiens hypothetical LOC100507599 (LOC100507599), i  
gi|310124110|ref|XR\_109755.1| PREDICTED: Homo sapiens hypothetical LOC100507657 (LOC100507657), i  
gi|310124118|ref|XR\_109707.1| PREDICTED: Homo sapiens hypothetical protein FLJ20464 (FLJ20464), misc  
gi|310124123|ref|XR\_109711.1| PREDICTED: Homo sapiens hypothetical LOC100506271 (LOC100506271), i  
gi|310124124|ref|XR\_109712.1| PREDICTED: Homo sapiens hypothetical LOC100131530 (LOC100131530), i  
gi|310124140|ref|XR\_109720.1| PREDICTED: Homo sapiens hypothetical LOC100506544 (LOC100506544), i  
gi|310124149|ref|XR\_109727.1| PREDICTED: Homo sapiens hypothetical LOC100506662 (LOC100506662), i  
gi|310124150|ref|XR\_109728.1| PREDICTED: Homo sapiens hypothetical LOC100506679 (LOC100506679), i  
gi|310124151|ref|XR\_109729.1| PREDICTED: Homo sapiens hypothetical LOC100506695 (LOC100506695), i  
gi|310124155|ref|XR\_109733.1| PREDICTED: Homo sapiens hypothetical LOC100506756, transcript variant  
gi|310124158|ref|XR\_109736.1| PREDICTED: Homo sapiens hypothetical LOC100506813 (LOC100506813), i  
gi|310124160|ref|XR\_109738.1| PREDICTED: Homo sapiens LPEQ6126 (LOC100128818), miscRNA; gi|3101:  
gi|310124167|ref|XR\_109758.1| PREDICTED: Homo sapiens hypothetical LOC100506917 (LOC100506917), i  
gi|310124177|ref|XR\_110933.1| PREDICTED: Homo sapiens hypothetical LOC441528 (LOC441528), miscRN  
gi|310124178|ref|XR\_110925.1| PREDICTED: Homo sapiens hypothetical LOC100506453 (LOC100506453), i  
gi|310124181|ref|XM\_001715777.3| PREDICTED: Homo sapiens hypothetical protein LOC729162 (LOC7291  
gi|310124183|ref|XR\_110926.1| PREDICTED: Homo sapiens hypothetical LOC100506502 (LOC100506502), i  
gi|310124186|ref|XR\_110929.1| PREDICTED: Homo sapiens hypothetical LOC100506610 (LOC100506610), i  
gi|310124187|ref|XR\_110930.1| PREDICTED: Homo sapiens hypothetical LOC100506630 (LOC100506630), i  
gi|310124188|ref|XR\_110932.1| PREDICTED: Homo sapiens hypothetical LOC100506678 (LOC100506678), i  
gi|310124189|ref|XR\_110931.1| PREDICTED: Homo sapiens hypothetical LOC100506661 (LOC100506661), i  
gi|310124198|ref|XR\_110617.1| PREDICTED: Homo sapiens chromosome X open reading frame 24 (CXorf24  
gi|310124203|ref|XR\_109761.1| PREDICTED: Homo sapiens chromosome X open reading frame 67 (CXorf67  
gi|310124206|ref|XR\_109770.1| PREDICTED: Homo sapiens hypothetical LOC100506671 (LOC100506671), i  
gi|310124211|ref|XR\_109771.1| PREDICTED: Homo sapiens hypothetical LOC100506774 (LOC100506774), i  
gi|310124213|ref|XR\_109766.1| PREDICTED: Homo sapiens hypothetical LOC100506800 (LOC100506800), i  
gi|310124214|ref|XM\_001723116.3| PREDICTED: Homo sapiens hypothetical protein LOC100128574 (LOC1

gi|310124217|ref|XR\_109768.1| PREDICTED: Homo sapiens hypothetical LOC100506901, transcript variant  
gi|310124223|ref|XR\_109781.1| PREDICTED: Homo sapiens hypothetical LOC100126447 (LOC100126447),  
gi|310124231|ref|XR\_109775.1| PREDICTED: Homo sapiens hypothetical LOC100287728 (LOC100287728),  
gi|310124246|ref|XR\_109773.1| PREDICTED: Homo sapiens hypothetical LOC100506234 (LOC100506234),  
gi|310124251|ref|XR\_110934.1| PREDICTED: Homo sapiens hypothetical LOC100507199, transcript variant  
gi|310124274|ref|XR\_110939.1| PREDICTED: Homo sapiens hypothetical LOC100506543 (LOC100506543),  
gi|310124276|ref|XR\_110940.1| PREDICTED: Homo sapiens hypothetical LOC100506560 (LOC100506560),  
gi|310124282|ref|XR\_110942.1| PREDICTED: Homo sapiens hypothetical LOC100289026 (LOC100289026),  
gi|310124287|ref|XR\_110943.1| PREDICTED: Homo sapiens hypothetical LOC100507327 (LOC100507327),  
gi|310124288|ref|XR\_110944.1| PREDICTED: Homo sapiens hypothetical LOC100507395 (LOC100507395),  
gi|310124327|ref|XR\_110950.1| PREDICTED: Homo sapiens hypothetical LOC100505874, transcript variant  
gi|310124342|ref|XR\_109147.1| PREDICTED: Homo sapiens DNAJC3 antisense RNA 1 (non-protein coding) (  
gi|310124349|ref|XR\_109152.1| PREDICTED: Homo sapiens hypothetical LOC100507654 (LOC100507654),  
gi|310124350|ref|XR\_109153.1| PREDICTED: Homo sapiens hypothetical LOC283483 (LOC283483), miscRNA  
gi|310124352|ref|XR\_109155.1| PREDICTED: Homo sapiens ANKRD10 intronic transcript 1 (non-protein cod  
gi|310124355|ref|XR\_109292.1| PREDICTED: Homo sapiens hypothetical LOC100507534 (LOC100507534),  
gi|310124358|ref|XR\_109295.1| PREDICTED: Homo sapiens hypothetical LOC100505488, transcript variant  
gi|310124363|ref|XR\_109301.1| PREDICTED: Homo sapiens hypothetical LOC100505649 (LOC100505649),  
gi|310124366|ref|XR\_109302.1| PREDICTED: Homo sapiens hypothetical LOC100505692 (LOC100505692),  
gi|310124369|ref|XR\_109303.1| PREDICTED: Homo sapiens hypothetical LOC100505709 (LOC100505709),  
gi|310124372|ref|XR\_109306.1| PREDICTED: Homo sapiens hypothetical LOC388282 (LOC388282), miscRNA  
gi|310124373|ref|XR\_109307.1| PREDICTED: Homo sapiens hypothetical LOC100505792 (LOC100505792),  
gi|310124381|ref|XR\_109313.1| PREDICTED: Homo sapiens hypothetical LOC100505942, transcript variant  
gi|310124391|ref|XR\_109294.1| PREDICTED: Homo sapiens chromosome 16 open reading frame 47 (C16or  
gi|310124396|ref|XM\_003118720.1| PREDICTED: Homo sapiens nuclear pore complex interacting protein-li  
gi|310124399|ref|XR\_109325.1| PREDICTED: Homo sapiens hypothetical LOC100506307 (LOC100506307),  
gi|310124406|ref|XR\_109328.1| PREDICTED: Homo sapiens SFPQ (LOC654780), miscRNA; gi|310112911|re  
gi|310124412|ref|XR\_109332.1| PREDICTED: Homo sapiens hypothetical LOC100506542 (LOC100506542),  
gi|310124420|ref|XR\_109334.1| PREDICTED: Homo sapiens hypothetical LOC100129215 (LOC100129215),  
gi|310124423|ref|XR\_109337.1| PREDICTED: Homo sapiens hypothetical LOC100506735 (LOC100506735),  
gi|310124424|ref|XR\_109338.1| PREDICTED: Homo sapiens hypothetical LOC100289580 (LOC100289580),  
gi|310124432|ref|XR\_109343.1| PREDICTED: Homo sapiens hypothetical LOC100506251 (LOC100506251),  
gi|310124434|ref|XR\_109344.1| PREDICTED: Homo sapiens hypothetical LOC100506268 (LOC100506268),  
gi|310124435|ref|XM\_001714162.3| PREDICTED: Homo sapiens family with sequence similarity 157, memb  
gi|310124436|ref|XR\_109345.1| PREDICTED: Homo sapiens hypothetical LOC100506347 (LOC100506347),  
gi|310124443|ref|XR\_109463.1| PREDICTED: Homo sapiens hypothetical LOC100505592 (LOC100505592),  
gi|310124445|ref|XR\_109465.1| PREDICTED: Homo sapiens hypothetical LOC100287082 (LOC100287082),  
gi|310124447|ref|XM\_928960.3| PREDICTED: Homo sapiens acyl-malonyl condensing enzyme 1-like 1 (AM/  
gi|310124448|ref|XM\_003118756.1| PREDICTED: Homo sapiens ankyrin repeat domain 62 (ANKRD62), mRN  
gi|310124455|ref|XM\_003118787.1| PREDICTED: Homo sapiens putative uncharacterized protein C20orf69  
gi|310124463|ref|XR\_109553.1| PREDICTED: Homo sapiens EPWW6493 (LOC100129831), miscRNA; gi|310  
gi|310124478|ref|XR\_109638.1| PREDICTED: Homo sapiens hypothetical LOC100507459 (LOC100507459),  
gi|310124483|ref|XR\_109642.1| PREDICTED: Homo sapiens hypothetical LOC388780 (LOC388780), miscRNA  
gi|310124493|ref|XR\_109648.1| PREDICTED: Homo sapiens hypothetical LOC100505515 (LOC100505515),  
gi|310124501|ref|XR\_109652.1| PREDICTED: Homo sapiens hypothetical LOC100505651 (LOC100505651),  
gi|310124502|ref|XR\_109653.1| PREDICTED: Homo sapiens hypothetical LOC100505664 (LOC100505664),  
gi|310124509|ref|XR\_109695.1| PREDICTED: Homo sapiens hypothetical LOC100506240 (LOC100506240),

gi|310124511|ref|XR\_109697.1| PREDICTED: Homo sapiens hypothetical LOC100506285 (LOC100506285), l  
gi|310124515|ref|XM\_002344189.2| PREDICTED: Homo sapiens hypothetical protein LOC100287541 (LOC1  
gi|310124516|ref|XR\_109699.1| PREDICTED: Homo sapiens hypothetical LOC100287576 (LOC100287576), l  
gi|310124526|ref|XR\_109703.1| PREDICTED: Homo sapiens hypothetical LOC100506613 (LOC100506613), l  
gi|310124533|ref|XM\_001716169.2| PREDICTED: Homo sapiens family with sequence similarity 197, Y-link  
gi|310124537|ref|XR\_109854.1| PREDICTED: Homo sapiens hypothetical LOC100506532 (LOC100506532), l  
gi|310124539|ref|XR\_109856.1| PREDICTED: Homo sapiens chromosome 9 open reading frame 62 (C9orf62  
gi|310124542|ref|XR\_109859.1| PREDICTED: Homo sapiens hypothetical LOC100129999 (LOC100129999), l  
gi|310124548|ref|XR\_110096.1| PREDICTED: Homo sapiens hypothetical LOC100505976 (LOC100505976), l  
gi|310124555|ref|XR\_110101.1| PREDICTED: Homo sapiens hypothetical LOC100133077 (LOC100133077), l  
gi|310124558|ref|XR\_110166.1| PREDICTED: Homo sapiens FLJ45832 protein (FLJ45832), miscRNA; gi|3101  
gi|310124560|ref|XR\_110305.1| PREDICTED: Homo sapiens hypothetical LOC100506016 (LOC100506016), l  
gi|310124562|ref|XR\_110307.1| PREDICTED: Homo sapiens hypothetical LOC100506063 (LOC100506063), l  
gi|310124565|ref|XR\_110308.1| PREDICTED: Homo sapiens hypothetical LOC400879 (LOC400879), miscRN  
gi|310124569|ref|XR\_110467.1| PREDICTED: Homo sapiens hypothetical LOC100507539 (LOC100507539), l  
gi|310124570|ref|XM\_001714786.3| PREDICTED: Homo sapiens ArfGAP with GTPase domain, ankyrin repe  
gi|310124571|ref|XM\_003118995.1| PREDICTED: Homo sapiens hypothetical protein LOC100506191 (LOC1  
gi|310124573|ref|XR\_110576.1| PREDICTED: Homo sapiens hypothetical LOC100506425 (LOC100506425), l  
gi|310124576|ref|XR\_110579.1| PREDICTED: Homo sapiens hypothetical LOC100130548 (LOC100130548), l  
gi|310124579|ref|XR\_110582.1| PREDICTED: Homo sapiens FLJ35816 protein (FLJ35816), miscRNA; gi|3101  
gi|310124594|ref|XM\_002344251.2| PREDICTED: Homo sapiens putative uncharacterized protein C20orf69  
gi|310124597|ref|XR\_110605.1| PREDICTED: Homo sapiens family with sequence similarity 27, member E2  
gi|310124602|ref|XM\_001717050.2| PREDICTED: Homo sapiens COBW domain containing 7 (CBWD7), mRN  
gi|310124605|ref|XR\_110607.1| PREDICTED: Homo sapiens hypothetical LOC728034, transcript variant 2 (L  
gi|310124608|ref|XM\_001720463.3| PREDICTED: Homo sapiens family with sequence similarity 27, membe  
gi|310124609|ref|XM\_001720466.3| PREDICTED: Homo sapiens protein FAM27E2-like (LOC100132859), ml  
gi|310124611|ref|XM\_002344260.2| PREDICTED: Homo sapiens hypothetical protein LOC100287110 (LOC1  
gi|310124612|ref|XR\_110613.1| PREDICTED: Homo sapiens neuroblastoma breakpoint family, member 8 (N  
gi|310124615|ref|XR\_110786.1| PREDICTED: Homo sapiens hypothetical LOC100505630 (LOC100505630), l  
gi|310124617|ref|XR\_110789.1| PREDICTED: Homo sapiens hypothetical LOC100505650, transcript variant  
gi|310124620|ref|XM\_003119070.1| PREDICTED: Homo sapiens testis specific protein, Y-linked 8, transcript  
gi|310124629|ref|XM\_003119074.1| PREDICTED: Homo sapiens proline-rich nuclear receptor coactivator 2  
gi|310124657|ref|XR\_110811.1| PREDICTED: Homo sapiens hypothetical LOC100507312, transcript variant  
gi|310124660|ref|XM\_001714378.3| PREDICTED: Homo sapiens GDNF family receptor alpha-2-like (LOC100  
gi|310124671|ref|XM\_003119104.1| PREDICTED: Homo sapiens protein FAM104B-like (LOC100287188), m  
gi|310124674|ref|XM\_002344452.2| PREDICTED: Homo sapiens hypothetical protein LOC100287250 (LOC1  
gi|310124692|ref|XM\_003119122.1| PREDICTED: Homo sapiens putative killer cell immunoglobulin-like rec  
gi|310124859|ref|XM\_003119261.1| PREDICTED: Homo sapiens HLA class II histocompatibility antigen, DRE  
gi|310125194|ref|XR\_111014.1| PREDICTED: Homo sapiens hypothetical LOC100294307 (LOC100294307), l  
gi|310133461|ref|XR\_108264.1| PREDICTED: Homo sapiens hypothetical LOC100506851 (LOC100506851), l  
gi|310133464|ref|XM\_003118470.1| PREDICTED: Homo sapiens sphingomyelin phosphodiesterase 5 (SMPL  
gi|310133466|ref|XR\_108265.1| PREDICTED: Homo sapiens hypothetical locus ESP33 (ESP33), miscRNA; gi|  
gi|310133467|ref|XR\_108266.1| PREDICTED: Homo sapiens hypothetical LOC100510701 (LOC100510701), l  
gi|310133484|ref|XM\_003118479.1| PREDICTED: Homo sapiens golgin subfamily A member 6-like protein 1  
gi|310133500|ref|XM\_003118485.1| PREDICTED: Homo sapiens TBC1 domain family member 3H-like (LOC1  
gi|310133513|ref|XR\_108274.1| PREDICTED: Homo sapiens hypothetical LOC645321, transcript variant 1 (L  
gi|310133518|ref|XR\_108277.1| PREDICTED: Homo sapiens hypothetical protein FLJ21369 (FLJ21369), misc



gi|310133521|ref|XM\_003118492.1| PREDICTED: Homo sapiens zinc finger protein 100-like (LOC400682), n

gi|310616714|ref|NM\_016544.2| Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 27 (DNAJC27

gi|310616724|ref|NM\_001198558.1| Homo sapiens sialic acid binding Ig-like lectin 9 (SIGLEC9), transcript v

gi|310688956|ref|NM\_005573.3| Homo sapiens lamin B1 (LMNB1), transcript variant 1, mRNA; gi|3106890

gi|310703591|ref|NM\_001198593.1| Homo sapiens STON1-GTF2A1L readthrough (STON1-GTF2A1L), transcr

gi|310703597|ref|NR\_037141.1| Homo sapiens ATPase, H<sup>+</sup> transporting, lysosomal 16kDa, V0 subunit c pse

gi|310703620|ref|NM\_030569.6| Homo sapiens inter-alpha-trypsin inhibitor heavy chain family, member 5

gi|310703666|ref|NM\_001116.3| Homo sapiens adenylate cyclase 9 (ADCY9), mRNA;

gi|310750313|ref|NM\_001198595.1| Homo sapiens stonin 1 (STON1), transcript variant 1, mRNA; gi|31075

gi|310750318|ref|NR\_037142.1| Homo sapiens cytoskeleton associated protein 2-like pseudogene (LOC100

gi|310750369|ref|NM\_001198619.1| Homo sapiens microtubule-associated protein 7 (MAP7), transcript va

gi|310750372|ref|NM\_172089.3| Homo sapiens TNFSF12-TNFSF13 readthrough (TNFSF12-TNFSF13), mRNA

gi|310750377|ref|NM\_001198621.1| Homo sapiens xin actin-binding repeat containing 1 (XIRP1), transcript

gi|310750379|ref|NR\_037146.1| Homo sapiens tumor necrosis factor (ligand) superfamily, member 12 (TNF

gi|310750388|ref|NM\_001198624.1| Homo sapiens tumor necrosis factor (ligand) superfamily, member 13

gi|310750407|ref|NM\_153433.1| Homo sapiens outer dense fiber of sperm tails 2 (ODF2), transcript varian

gi|31077201|ref|NM\_018419.2| Homo sapiens SRY (sex determining region Y)-box 18 (SOX18), mRNA;

gi|310772203|ref|NM\_001003819.3| Homo sapiens TRIM6-TRIM34 readthrough (TRIM6-TRIM34), mRNA;

gi|310772218|ref|NM\_058166.4| Homo sapiens tripartite motif containing 6 (TRIM6), transcript variant 2, r

gi|310772252|ref|NM\_001136562.2| Homo sapiens A kinase (PRKA) anchor protein 2 (AKAP2), transcript va

gi|31083027|ref|NM\_012118.2| Homo sapiens CCR4 carbon catabolite repression 4-like (*S. cerevisiae*) (CCR

gi|31083115|ref|NM\_015439.2| Homo sapiens coiled-coil domain containing 28A (CCDC28A), mRNA;

gi|31083125|ref|NM\_001852.3| Homo sapiens collagen, type IX, alpha 2 (COL9A2), mRNA;

gi|31083135|ref|NM\_178134.2| Homo sapiens cytochrome P450, family 4, subfamily Z, polypeptide 1 (CYP

gi|31083155|ref|NM\_014432.2| Homo sapiens interleukin 20 receptor, alpha (IL20RA), mRNA;

gi|310832379|ref|NM\_175931.2| Homo sapiens core-binding factor, runt domain, alpha subunit 2; transloc

gi|310832381|ref|NM\_001198569.1| Homo sapiens ATPase, H<sup>+</sup> transporting, lysosomal 16kDa, V0 subunit

gi|310832396|ref|NM\_004125.3| Homo sapiens DNAJC25-GNG10 readthrough (DNAJC25-GNG10), mRNA;

gi|310832400|ref|NR\_037148.1| Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 25 (DNAJC25

gi|310832406|ref|NM\_001198664.1| Homo sapiens guanine nucleotide binding protein (G protein), gamma

gi|310832409|ref|NM\_001198665.1| Homo sapiens Rho guanine nucleotide exchange factor (GEF) 12 (ARH

gi|310832420|ref|NM\_001018136.2| Homo sapiens NME1-NME2 readthrough (NME1-NME2), transcript va

gi|310832436|ref|NM\_001198673.1| Homo sapiens transmembrane protein 136 (TMEM136), transcript va

gi|310832448|ref|NM\_139247.3| Homo sapiens adenylate cyclase 4 (ADCY4), transcript variant 2, mRNA; gi

gi|31083279|ref|NM\_180976.1| Homo sapiens protein phosphatase 2, regulatory subunit B', delta (PPP2R5

gi|31083295|ref|NM\_006246.2| Homo sapiens protein phosphatase 2, regulatory subunit B', epsilon isoforr

gi|31083314|ref|NM\_007227.3| Homo sapiens G protein-coupled receptor 45 (GPR45), mRNA;

gi|31088851|ref|NM\_181429.1| Homo sapiens taste receptor, type 2, member 42 (TAS2R42), mRNA;

gi|310923086|ref|NM\_004349.3| Homo sapiens runt-related transcription factor 1; translocated to, 1 (cycli

gi|310923110|ref|NM\_015279.1| Homo sapiens TBC1 domain family, member 30 (TBC1D30), mRNA;

gi|310923123|ref|NM\_001018137.2| Homo sapiens non-metastatic cells 2, protein (NM23B) expressed in (l

gi|310923131|ref|NM\_001198683.1| Homo sapiens leptin receptor overlapping transcript (LEPROT), transc

gi|310923184|ref|NM\_002303.5| Homo sapiens leptin receptor (LEPR), transcript variant 1, mRNA; gi|3109

gi|310923193|ref|NM\_182895.2| Homo sapiens scavenger receptor class F, member 2 (SCARF2), transcript

gi|310923195|ref|NM\_001198690.1| Homo sapiens PPAN-P2RY11 readthrough (PPAN-P2RY11), transcript v

gi|310923201|ref|NM\_002769.4| Homo sapiens protease, serine, 1 (trypsin 1) (PRSS1), mRNA;

gi|310923202|ref|NM\_020230.5| Homo sapiens peter pan homolog (*Drosophila*) (PPAN), mRNA;

gi|310923204|ref|NM\_003362.3| Homo sapiens uracil-DNA glycosylase (UNG), nuclear gene encoding mito

gi|310923205|ref|NR\_027142.1| Homo sapiens two pore channel 3 pseudogene (LOC440895), transcript va

gi|310923209|ref|NM\_002404.2| Homo sapiens microfibrillar-associated protein 4 (MFAP4), transcript vari

gi|310923210|ref|NR\_027145.2| Homo sapiens LIMS3-LOC440895 readthrough (LIMS3-LOC440895), non-c

gi|310923299|ref|NR\_027467.2| Homo sapiens LIM and senescent cell antigen-like domains 3 (LIMS3), tran

gi|311078763|ref|NM\_147161.3| Homo sapiens acyl-CoA thioesterase 11 (ACOT11), transcript variant 2, m

gi|311083638|ref|NM\_004595.3| Homo sapiens spermine synthase (SMS), mRNA;

gi|311203833|ref|NM\_001198713.1| Homo sapiens septin 4 (SEPT4), transcript variant 4, mRNA; gi|311201

gi|311213902|ref|NR\_027928.2| Homo sapiens CHKB-CPT1B readthrough (non-protein coding) (CHKB-CPT1

gi|311213921|ref|NM\_032797.5| Homo sapiens apoptosis-inducing factor, mitochondrion-associated, 2 (AI

gi|311307322|ref|NM\_022755.5| Homo sapiens inositol 1,3,4,5,6-pentakisphosphate 2-kinase (IPPK), mRN

gi|311307323|ref|NM\_021649.6| Homo sapiens toll-like receptor adaptor molecule 2 (TICAM2), mRNA;

gi|311771506|ref|NM\_004190.3| Homo sapiens lipase, gastric (LIPF), transcript variant 2, mRNA; gi|311771

gi|311771526|ref|NM\_001198837.1| Homo sapiens RNA binding motif protein 14 (RBM14), transcript varia

gi|311771534|ref|NM\_001198842.1| Homo sapiens chaperonin containing TCP1, subunit 2 (beta) (CCT2), tr

gi|311771539|ref|NM\_001198843.1| Homo sapiens RNA binding motif protein 4 (RBM4), transcript variant

gi|311771546|ref|NM\_001198846.1| Homo sapiens RBM14-RBM4 readthrough (RBM14-RBM4), transcript

gi|311771570|ref|NM\_001198754.1| Homo sapiens guanine nucleotide binding protein (G protein), gamma

gi|311771576|ref|NM\_001039887.2| Homo sapiens chromosome 19 open reading frame 55 (C19orf55), m

gi|311771582|ref|NM\_001198759.1| Homo sapiens LY75-CD302 readthrough (LY75-CD302), transcript vari

gi|311771586|ref|NM\_002349.3| Homo sapiens lymphocyte antigen 75 (LY75), mRNA;

gi|311771589|ref|NM\_001198763.1| Homo sapiens CD302 molecule (CD302), transcript variant 2, mRNA; g

gi|311771616|ref|NR\_037157.1| Homo sapiens BVES antisense RNA 1 (non-protein coding) (BVES-AS1), nor

gi|311771618|ref|NR\_037158.1| Homo sapiens uncharacterized LOC283888 (LOC283888), non-coding RNA,

gi|311771619|ref|NM\_002651.2| Homo sapiens phosphatidylinositol 4-kinase, catalytic, beta (PI4KB), trans

gi|311771640|ref|NM\_001198779.1| Homo sapiens cullin 2 (CUL2), transcript variant 2, mRNA; gi|3117716

gi|311771642|ref|NM\_005718.4| Homo sapiens actin related protein 2/3 complex, subunit 4, 20kDa (ARPC

gi|311771651|ref|NM\_001077706.2| Homo sapiens epithelial cell transforming sequence 2 oncogene-like (

gi|311771654|ref|NR\_037162.1| Homo sapiens tubulin tyrosine ligase-like family, member 3 (TTLL3), transc

gi|311771656|ref|NM\_001018039.1| Homo sapiens Scm-like with four mbt domains 2 (SFMBT2), transcript

gi|311771666|ref|NM\_001198783.1| Homo sapiens POU class 2 homeobox 1 (POU2F1), transcript variant 2

gi|311771668|ref|NM\_001198784.1| Homo sapiens uncharacterized LOC145788 (FLJ27352), mRNA;

gi|311771693|ref|NM\_001198793.1| Homo sapiens ARPC4-TTLL3 readthrough (ARPC4-TTLL3), mRNA;

gi|311771699|ref|NR\_037166.1| Homo sapiens uncharacterized LOC100129518 (LOC100129518), non-codi

gi|311771728|ref|NM\_001198807.1| Homo sapiens Myb/SANT-like DNA-binding domain containing 3 (MSA

gi|311771735|ref|NM\_003627.5| Homo sapiens solute carrier family 43, member 1 (SLC43A1), transcript va

gi|311771738|ref|NM\_003692.4| Homo sapiens transmembrane protein with EGF-like and two follistatin-lil

gi|311771741|ref|NM\_001198812.1| Homo sapiens MSANTD3-TMEFF1 readthrough (MSANTD3-TMEFF1), r

gi|311771747|ref|NM\_003760.4| Homo sapiens eukaryotic translation initiation factor 4 gamma, 3 (EIF4G3

gi|311771748|ref|NM\_001198815.1| Homo sapiens mucin 22 (MUC22), mRNA;

gi|311771763|ref|NM\_001198818.1| Homo sapiens APOBEC1 complementation factor (A1CF), transcript va

gi|311771771|ref|NM\_021630.5| Homo sapiens PDZ and LIM domain 2 (mystique) (PDLIM2), transcript vari

gi|311771781|ref|NR\_037171.1| Homo sapiens uncharacterized LOC100507547 (LOC100507547), transcrip

gi|311771786|ref|NM\_001198827.1| Homo sapiens chromosome 8 open reading frame 58 (C8orf58), trans

gi|311893289|ref|NR\_037177.1| Homo sapiens uncharacterized LOC100294145 (LOC100294145), transcrip

gi|311893294|ref|NR\_037180.1| Homo sapiens uncharacterized LOC100507362 (LOC100507362), transcrip

gi|311893296|ref|NR\_037182.1| Homo sapiens phosphodiesterase 4D interacting protein pseudogene (LOC

gi|311893306|ref|NM\_001198852.1| Homo sapiens forkhead box J3 (FOXJ3), transcript variant 4, mRNA; gi|311893310|ref|NM\_001198854.1| Homo sapiens cytochrome P450, family 2, subfamily C, polypeptide 8 gi|311893316|ref|NM\_007010.3| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 52 (DDX52), mRNA; gi|311893317|ref|NR\_037185.1| Homo sapiens PRP38 pre-mRNA processing factor 38 (yeast) domain cont; gi|311893320|ref|NM\_001198858.1| Homo sapiens major histocompatibility complex, class II, DQ beta 2 (H gi|311893331|ref|NM\_001198862.1| Homo sapiens transmembrane protein 206 (TMEM206), transcript va gi|311893336|ref|NM\_020107.4| Homo sapiens acrosomal vesicle protein 1 (ACRV1), transcript variant 3, n gi|311893344|ref|NM\_001198863.1| Homo sapiens copine I (CPNE1), transcript variant 9, mRNA; gi|31189 gi|311893349|ref|NM\_014863.2| Homo sapiens carbohydrate (N-acetylgalactosamine 4-sulfate 6-O) sulfotr gi|311893368|ref|NM\_001302.4| Homo sapiens cortistatin (CORT), mRNA; gi|311893383|ref|NM\_004889.3| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial Fo complex, gi|311893394|ref|NM\_015545.3| Homo sapiens pentatricopeptide repeat domain 1 (PTCD1), nuclear gene gi|311893395|ref|NM\_001198879.1| Homo sapiens ATP5J2-PTCD1 readthrough (ATP5J2-PTCD1), mRNA; gi|311893399|ref|NR\_037167.1| Homo sapiens quinone oxidoreductase-like protein 2 pseudogene (LOC73 gi|312032347|ref|NM\_001198840.1| Homo sapiens RNA binding motif protein 12 (RBM12), transcript varia gi|312032351|ref|NR\_037183.1| Homo sapiens SPANXA2 overlapping transcript 1 (non-protein coding) (SP gi|312032352|ref|NR\_037184.1| Homo sapiens uncharacterized LOC400512 (FLJ21408), non-coding RNA; gi|312032380|ref|NR\_037191.1| Homo sapiens sulfotransferase family, cytosolic, 1C, member 2 pseudogen gi|312032406|ref|NM\_001198897.1| Homo sapiens aminoacylase 1 (ACY1), transcript variant 4, mRNA; gi| gi|312032410|ref|NM\_001690.3| Homo sapiens ATPase, H<sup>+</sup> transporting, lysosomal 70kDa, V1 subunit A (A gi|312032411|ref|NR\_037192.1| Homo sapiens ABHD14A-ACY1 readthrough (non-protein coding) (ABHD14 gi|312032425|ref|NM\_001198904.1| Homo sapiens YY1 associated protein 1 (YY1AP1), transcript variant 1: gi|312032428|ref|NR\_037161.1| Homo sapiens uncharacterized LOC386758 (LOC386758), transcript varian gi|312032433|ref|NM\_015994.3| Homo sapiens ATPase, H<sup>+</sup> transporting, lysosomal 34kDa, V1 subunit D (A gi|312032436|ref|NM\_001144981.2| Homo sapiens coiled-coil domain containing 169 (CCDC169), transcrip gi|312032444|ref|NM\_004231.3| Homo sapiens ATPase, H<sup>+</sup> transporting, lysosomal 14kDa, V1 subunit F (A gi|312032448|ref|NM\_001012664.2| Homo sapiens solute carrier family 3 (activators of dibasic and neutra gi|312032454|ref|NM\_001198910.1| Homo sapiens CCDC169-SOHLH2 readthrough (CCDC169-SOHLH2), mi gi|312032456|ref|NR\_037194.1| Homo sapiens uncharacterized LOC400680 (LOC400680), non-coding RNA, gi|312032466|ref|NM\_003622.3| Homo sapiens PTPRF interacting protein, binding protein 1 (liprin beta 1) gi|312032478|ref|NR\_037168.1| Homo sapiens patched 1 pseudogene (LOC100287846), non-coding RNA; gi|312032494|ref|NR\_037175.1| Homo sapiens uncharacterized LOC100507463 (LOC100507463), transcrip gi|312147040|ref|NR\_037440.1| Homo sapiens microRNA 3667 (MIR3667), microRNA; gi|312147041|ref|NR\_037441.1| Homo sapiens microRNA 3668 (MIR3668), microRNA; gi|312147042|ref|NR\_037443.1| Homo sapiens microRNA 3671 (MIR3671), microRNA; gi|312147043|ref|NR\_037444.1| Homo sapiens microRNA 3672 (MIR3672), microRNA; gi|312147044|ref|NR\_037445.1| Homo sapiens microRNA 3674 (MIR3674), microRNA; gi|312147045|ref|NR\_037446.1| Homo sapiens microRNA 3675 (MIR3675), microRNA; gi|312147046|ref|NR\_037447.1| Homo sapiens microRNA 3676 (MIR3676), microRNA; gi|312147047|ref|NR\_037448.1| Homo sapiens microRNA 3677 (MIR3677), microRNA; gi|312147048|ref|NR\_037449.1| Homo sapiens microRNA 3678 (MIR3678), microRNA; gi|312147049|ref|NR\_037450.1| Homo sapiens microRNA 3679 (MIR3679), microRNA; gi|312147050|ref|NR\_037452.1| Homo sapiens microRNA 3681 (MIR3681), microRNA; gi|312147051|ref|NR\_037453.1| Homo sapiens microRNA 3682 (MIR3682), microRNA; gi|312147052|ref|NR\_037454.1| Homo sapiens microRNA 3683 (MIR3683), microRNA; gi|312147053|ref|NR\_037455.1| Homo sapiens microRNA 3684 (MIR3684), microRNA; gi|312147054|ref|NR\_037456.1| Homo sapiens microRNA 3685 (MIR3685), microRNA;

gi|312147055|ref|NR\_037457.1| Homo sapiens microRNA 3686 (MIR3686), microRNA;  
gi|312147056|ref|NR\_037458.1| Homo sapiens microRNA 3687 (MIR3687), microRNA;  
gi|312147057|ref|NR\_037459.1| Homo sapiens microRNA 3688-1 (MIR3688-1), microRNA;  
gi|312147058|ref|NR\_037460.1| Homo sapiens microRNA 3689a (MIR3689A), microRNA;  
gi|312147059|ref|NR\_037461.1| Homo sapiens microRNA 3690 (MIR3690), microRNA;  
gi|312147060|ref|NR\_037462.1| Homo sapiens microRNA 3691 (MIR3691), microRNA;  
gi|312147061|ref|NR\_037463.1| Homo sapiens microRNA 3692 (MIR3692), microRNA;  
gi|312147062|ref|NR\_037464.1| Homo sapiens microRNA 3713 (MIR3713), microRNA;  
gi|312147063|ref|NR\_037465.1| Homo sapiens microRNA 3714 (MIR3714), microRNA;  
gi|312147064|ref|NR\_037466.1| Homo sapiens microRNA 3180-4 (MIR3180-4), microRNA;  
gi|312147065|ref|NR\_037467.1| Homo sapiens microRNA 3180-5 (MIR3180-5), microRNA;  
gi|312147066|ref|NR\_037468.1| Homo sapiens microRNA 3907 (MIR3907), microRNA;  
gi|312147067|ref|NR\_037469.1| Homo sapiens microRNA 3689b (MIR3689B), microRNA;  
gi|312147068|ref|NR\_037470.1| Homo sapiens microRNA 3908 (MIR3908), microRNA;  
gi|312147070|ref|NR\_037471.1| Homo sapiens microRNA 3909 (MIR3909), microRNA;  
gi|312147071|ref|NR\_037472.1| Homo sapiens microRNA 3910-1 (MIR3910-1), microRNA;  
gi|312147072|ref|NR\_037473.1| Homo sapiens microRNA 3911 (MIR3911), microRNA;  
gi|312147073|ref|NR\_037474.1| Homo sapiens microRNA 3912 (MIR3912), microRNA;  
gi|312147074|ref|NR\_037475.1| Homo sapiens microRNA 3913-1 (MIR3913-1), microRNA;  
gi|312147075|ref|NR\_037476.1| Homo sapiens microRNA 3913-2 (MIR3913-2), microRNA;  
gi|312147076|ref|NR\_037477.1| Homo sapiens microRNA 3914-1 (MIR3914-1), microRNA;  
gi|312147077|ref|NR\_037478.1| Homo sapiens microRNA 3915 (MIR3915), microRNA;  
gi|312147078|ref|NR\_037479.1| Homo sapiens microRNA 3914-2 (MIR3914-2), microRNA;  
gi|312147079|ref|NR\_037480.1| Homo sapiens microRNA 3916 (MIR3916), microRNA;  
gi|312147080|ref|NR\_037481.1| Homo sapiens microRNA 3917 (MIR3917), microRNA;  
gi|312147081|ref|NR\_037482.1| Homo sapiens microRNA 3918 (MIR3918), microRNA;  
gi|312147082|ref|NR\_037483.1| Homo sapiens microRNA 3919 (MIR3919), microRNA;  
gi|312147083|ref|NR\_037484.1| Homo sapiens microRNA 3150b (MIR3150B), microRNA;  
gi|312147084|ref|NR\_037485.1| Homo sapiens microRNA 3920 (MIR3920), microRNA;  
gi|312147085|ref|NR\_037486.1| Homo sapiens microRNA 3921 (MIR3921), microRNA;  
gi|312147086|ref|NR\_037487.1| Homo sapiens microRNA 3922 (MIR3922), microRNA;  
gi|312147087|ref|NR\_037488.1| Homo sapiens microRNA 3923 (MIR3923), microRNA;  
gi|312147089|ref|NR\_037489.1| Homo sapiens microRNA 3910-2 (MIR3910-2), microRNA;  
gi|312147090|ref|NR\_037490.1| Homo sapiens microRNA 3924 (MIR3924), microRNA;  
gi|312147091|ref|NR\_037491.1| Homo sapiens microRNA 3925 (MIR3925), microRNA;  
gi|312147092|ref|NR\_037492.1| Homo sapiens microRNA 3926-1 (MIR3926-1), microRNA;  
gi|312147093|ref|NR\_037493.1| Homo sapiens microRNA 3927 (MIR3927), microRNA;  
gi|312147094|ref|NR\_037494.1| Homo sapiens microRNA 676 (MIR676), microRNA;  
gi|312147095|ref|NR\_037495.1| Homo sapiens microRNA 3926-2 (MIR3926-2), microRNA;  
gi|312147097|ref|NR\_037496.1| Homo sapiens microRNA 3928 (MIR3928), microRNA;  
gi|312147098|ref|NR\_037497.1| Homo sapiens microRNA 3929 (MIR3929), microRNA;  
gi|312147099|ref|NR\_037498.1| Homo sapiens microRNA 3934 (MIR3934), microRNA;  
gi|312147100|ref|NR\_037499.1| Homo sapiens microRNA 3935 (MIR3935), microRNA;  
gi|312147101|ref|NR\_037500.1| Homo sapiens microRNA 3936 (MIR3936), microRNA;  
gi|312147102|ref|NR\_037501.1| Homo sapiens microRNA 3937 (MIR3937), microRNA;  
gi|312147103|ref|NR\_037502.1| Homo sapiens microRNA 3938 (MIR3938), microRNA;  
gi|312147105|ref|NR\_037503.1| Homo sapiens microRNA 548y (MIR548Y), microRNA;

gi|312147107|ref|NR\_037504.1| Homo sapiens microRNA 3939 (MIR3939), microRNA;  
gi|312147109|ref|NR\_037505.1| Homo sapiens microRNA 3940 (MIR3940), microRNA;  
gi|312147111|ref|NR\_037506.1| Homo sapiens microRNA 3941 (MIR3941), microRNA;  
gi|312147113|ref|NR\_037507.1| Homo sapiens microRNA 3942 (MIR3942), microRNA;  
gi|312147115|ref|NR\_037508.1| Homo sapiens microRNA 3943 (MIR3943), microRNA;  
gi|312147116|ref|NR\_037509.1| Homo sapiens microRNA 3944 (MIR3944), microRNA;  
gi|312147120|ref|NR\_037510.1| Homo sapiens microRNA 3945 (MIR3945), microRNA;  
gi|312147122|ref|NR\_037511.1| Homo sapiens microRNA 374c (MIR374C), microRNA;  
gi|312147124|ref|NR\_037512.1| Homo sapiens microRNA 642b (MIR642B), microRNA;  
gi|312147126|ref|NR\_037513.1| Homo sapiens microRNA 550b-1 (MIR550B1), microRNA;  
gi|312147128|ref|NR\_037515.1| Homo sapiens microRNA 548z (MIR548Z), microRNA;  
gi|312147130|ref|NR\_037516.1| Homo sapiens microRNA 548aa-1 (MIR548AA1), microRNA;  
gi|312147132|ref|NR\_037517.1| Homo sapiens microRNA 548aa-2 (MIR548AA2), microRNA;  
gi|312147300|ref|NM\_007208.3| Homo sapiens mitochondrial ribosomal protein L3 (MRPL3), nuclear gene  
gi|312147323|ref|NM\_001198951.1| Homo sapiens ring finger protein 103 (RNF103), transcript variant 2, n  
gi|312147340|ref|NM\_001198953.1| Homo sapiens zinc finger, FYVE domain containing 21 (ZFYVE21), tran  
gi|312147343|ref|NM\_001198954.1| Homo sapiens RNF103-CHMP3 readthrough (RNF103-CHMP3), mRNA  
gi|312147393|ref|NR\_030637.2| Homo sapiens microRNA 941-1 (MIR941-1), microRNA;  
gi|312147394|ref|NM\_032965.4| Homo sapiens chemokine (C-C motif) ligand 15 (CCL15), mRNA;  
gi|312147397|ref|NR\_030639.2| Homo sapiens microRNA 941-3 (MIR941-3), microRNA;  
gi|312147398|ref|NM\_153251.3| Homo sapiens zinc finger, DHHC-type containing 20 (ZDHHC20), mRNA;  
gi|312147404|ref|NR\_027922.2| Homo sapiens CCL14-CCL15 readthrough (CCL14-CCL15), transcript variant  
gi|312147407|ref|NR\_037400.1| Homo sapiens microRNA 3605 (MIR3605), microRNA;  
gi|312147409|ref|NR\_037401.1| Homo sapiens microRNA 3606 (MIR3606), microRNA;  
gi|312147410|ref|NR\_037402.1| Homo sapiens microRNA 3607 (MIR3607), microRNA;  
gi|312147411|ref|NR\_037403.1| Homo sapiens microRNA 3609 (MIR3609), microRNA;  
gi|312147412|ref|NR\_037404.1| Homo sapiens microRNA 3610 (MIR3610), microRNA;  
gi|312147413|ref|NR\_037405.1| Homo sapiens microRNA 3611 (MIR3611), microRNA;  
gi|312147414|ref|NR\_037406.1| Homo sapiens microRNA 3612 (MIR3612), microRNA;  
gi|312147415|ref|NR\_037407.1| Homo sapiens microRNA 3613 (MIR3613), microRNA;  
gi|312147416|ref|NR\_037409.1| Homo sapiens microRNA 3615 (MIR3615), microRNA;  
gi|312147417|ref|NR\_037410.1| Homo sapiens microRNA 3616 (MIR3616), microRNA;  
gi|312147418|ref|NR\_037411.1| Homo sapiens microRNA 3617 (MIR3617), microRNA;  
gi|312147419|ref|NR\_037412.1| Homo sapiens microRNA 3618 (MIR3618), microRNA;  
gi|312147421|ref|NR\_037413.1| Homo sapiens microRNA 3619 (MIR3619), microRNA;  
gi|312147422|ref|NR\_037414.1| Homo sapiens microRNA 23c (MIR23C), microRNA;  
gi|312147423|ref|NR\_037415.1| Homo sapiens microRNA 3620 (MIR3620), microRNA;  
gi|312147424|ref|NR\_037416.1| Homo sapiens microRNA 3621 (MIR3621), microRNA;  
gi|312147425|ref|NR\_037417.1| Homo sapiens microRNA 3622a (MIR3622A), microRNA;  
gi|312147427|ref|NR\_037418.1| Homo sapiens microRNA 3622b (MIR3622B), microRNA;  
gi|312147428|ref|NR\_037419.1| Homo sapiens microRNA 3646 (MIR3646), microRNA;  
gi|312147430|ref|NR\_037420.1| Homo sapiens small nucleolar RNA, C/D box 111B (SNORD111B), small nuc  
gi|312147431|ref|NR\_037421.1| Homo sapiens microRNA 3648 (MIR3648), microRNA;  
gi|312147433|ref|NR\_037422.1| Homo sapiens microRNA 3649 (MIR3649), microRNA;  
gi|312147434|ref|NR\_037423.1| Homo sapiens microRNA 3650 (MIR3650), microRNA;  
gi|312147435|ref|NR\_037424.1| Homo sapiens microRNA 3651 (MIR3651), microRNA;  
gi|312147437|ref|NR\_037425.1| Homo sapiens microRNA 3652 (MIR3652), microRNA;

gi|312147439|ref|NR\_037426.1| Homo sapiens microRNA 3653 (MIR3653), microRNA;  
 gi|312147440|ref|NR\_037428.1| Homo sapiens microRNA 3655 (MIR3655), microRNA;  
 gi|312147441|ref|NR\_037429.1| Homo sapiens microRNA 3656 (MIR3656), microRNA;  
 gi|312147443|ref|NR\_037430.1| Homo sapiens microRNA 3657 (MIR3657), microRNA;  
 gi|312147445|ref|NR\_037431.1| Homo sapiens microRNA 3658 (MIR3658), microRNA;  
 gi|312147447|ref|NR\_037432.1| Homo sapiens microRNA 3659 (MIR3659), microRNA;  
 gi|312147449|ref|NR\_037433.1| Homo sapiens microRNA 3660 (MIR3660), microRNA;  
 gi|312147451|ref|NR\_037434.1| Homo sapiens microRNA 3661 (MIR3661), microRNA;  
 gi|312147453|ref|NR\_037435.1| Homo sapiens microRNA 3662 (MIR3662), microRNA;  
 gi|312147455|ref|NR\_037436.1| Homo sapiens microRNA 3663 (MIR3663), microRNA;  
 gi|312147456|ref|NR\_037437.1| Homo sapiens microRNA 3664 (MIR3664), microRNA;  
 gi|312147457|ref|NR\_037438.1| Homo sapiens microRNA 3665 (MIR3665), microRNA;  
 gi|312147459|ref|NR\_037439.1| Homo sapiens microRNA 3666 (MIR3666), microRNA;  
 gi|312176363|ref|NM\_002072.3| Homo sapiens guanine nucleotide binding protein (G protein), q polypept  
 gi|312176372|ref|NM\_007256.4| Homo sapiens solute carrier organic anion transporter family, member 2E  
 gi|312176379|ref|NM\_004927.3| Homo sapiens mitochondrial ribosomal protein L49 (MRPL49), nuclear ge  
 gi|312176382|ref|NM\_018281.3| Homo sapiens enoyl CoA hydratase domain containing 2 (ECHDC2), trans  
 gi|312176385|ref|NM\_022839.3| Homo sapiens mitochondrial ribosomal protein S11 (MRPS11), nuclear ge  
 gi|312176387|ref|NM\_198563.2| Homo sapiens transmembrane protein 110 (TMEM110), mRNA;  
 gi|312176392|ref|NM\_001198965.1| Homo sapiens nuclear factor of activated T-cells, cytoplasmic, calcinei  
 gi|312176406|ref|NM\_032857.3| Homo sapiens lactamase, beta (LACTB), nuclear gene encoding mitochon  
 gi|312176410|ref|NM\_000667.3| Homo sapiens alcohol dehydrogenase 1A (class I), alpha polypeptide (ADH  
 gi|312176411|ref|NM\_205853.3| Homo sapiens musculoskeletal, embryonic nuclear protein 1 (MUSTN1), r  
 gi|312176417|ref|NM\_001198973.1| Homo sapiens KIAA1522 (KIAA1522), transcript variant 3, mRNA; gi|3  
 gi|312176423|ref|NM\_006428.4| Homo sapiens mitochondrial ribosomal protein L28 (MRPL28), nuclear ge  
 gi|312176440|ref|NM\_020398.3| Homo sapiens serine peptidase inhibitor-like, with Kunitz and WAP domai  
 gi|312176445|ref|NM\_001198986.1| Homo sapiens SPINLW1-WFDC6 readthrough (SPINLW1-WFDC6), mRN  
 gi|312222676|ref|NM\_012147.3| Homo sapiens double homeobox 2 (DUX2), mRNA;  
 gi|312222689|ref|NM\_002949.3| Homo sapiens mitochondrial ribosomal protein L12 (MRPL12), nuclear ge  
 gi|312222706|ref|NM\_001199014.1| Homo sapiens chromosome 1 open reading frame 201 (C1orf201), tra  
 gi|312222717|ref|NM\_017691.3| Homo sapiens leucine rich repeat containing 49 (LRRC49), transcript varia  
 gi|312222720|ref|NR\_037575.1| Homo sapiens mitochondrial ribosomal protein L10 (MRPL10), transcript v  
 gi|312222722|ref|NR\_037576.1| Homo sapiens transmembrane protein 222 (TMEM222), transcript variant  
 gi|312222731|ref|NM\_001128325.2| Homo sapiens spondin 2, extracellular matrix protein (SPON2), transc  
 gi|312222736|ref|NM\_001199022.1| Homo sapiens centriolar coiled coil protein 110kDa (CCP110), transcri  
 gi|312222756|ref|NM\_001017977.2| Homo sapiens DDB1 and CUL4 associated factor 6 (DCAF6), transcript  
 gi|312222761|ref|NM\_022733.2| Homo sapiens small ArfGAP2 (SMAP2), transcript variant 1, mRNA; gi|312  
 gi|312222766|ref|NM\_021100.4| Homo sapiens NFS1 nitrogen fixation 1 homolog (S. cerevisiae) (NFS1), nu  
 gi|312222780|ref|NM\_001198995.1| Homo sapiens NAD kinase (NADK), transcript variant 4, mRNA; gi|312  
 gi|312222785|ref|NM\_016070.3| Homo sapiens mitochondrial ribosomal protein S23 (MRPS23), nuclear ge  
 gi|312261186|ref|NR\_037144.1| Homo sapiens pleckstrin homology domain containing, family A member 8  
 gi|312261187|ref|NR\_037573.1| Homo sapiens dynactin 5 (p25) (DCTN5), transcript variant 3, non-coding F  
 gi|312261208|ref|NM\_152727.5| Homo sapiens copine II (CPNE2), mRNA;  
 gi|312261209|ref|NM\_014078.5| Homo sapiens mitochondrial ribosomal protein L13 (MRPL13), nuclear ge  
 gi|312261218|ref|NM\_001199039.1| Homo sapiens serine incorporator 2 (SERINC2), transcript variant 5, m  
 gi|312261220|ref|NM\_004203.4| Homo sapiens protein kinase, membrane associated tyrosine/threonine 1  
 gi|312261235|ref|NM\_006711.3| Homo sapiens RNA binding protein S1, serine-rich domain (RNPS1), transc

gi|312261247|ref|NM\_001199050.1| Homo sapiens LEM domain containing 1 (LEMD1), transcript variant 1

gi|312261251|ref|NR\_037582.1| Homo sapiens adaptor-related protein complex 3, sigma 2 subunit (AP3S2)

gi|312261257|ref|NM\_017458.3| Homo sapiens major vault protein (MVP), transcript variant 1, mRNA; gi|312261258|ref|NM\_001199053.1| Homo sapiens exonuclease NEF-sp (LOC81691), transcript variant 3, n

gi|312261260|ref|NM\_001199054.1| Homo sapiens chromosome 16 open reading frame 5 (C16orf5), trans

gi|312261266|ref|NM\_001199058.1| Homo sapiens C15orf38-AP3S2 readthrough (C15orf38-AP3S2), mRNA

gi|312261284|ref|NM\_016441.2| Homo sapiens cysteine rich transmembrane BMP regulator 1 (chordin-like

gi|312283626|ref|NM\_001199082.1| Homo sapiens podocan (PODN), transcript variant 4, mRNA; gi|312283632|ref|NM\_001199085.1| Homo sapiens tudor domain containing 5 (TDRD5), transcript variant 1

gi|312283634|ref|NM\_014153.3| Homo sapiens zinc finger CCCH-type containing 7A (ZC3H7A), mRNA;

gi|312283639|ref|NM\_001199086.1| Homo sapiens 5'-nucleotidase, cytosolic IB (NT5C1B), transcript variar

gi|312283681|ref|NM\_001199103.1| Homo sapiens NT5C1B-RDH14 readthrough (NT5C1B-RDH14), transcri

gi|312283690|ref|NM\_001199107.1| Homo sapiens TBC1 domain family, member 24 (TBC1D24), transcript

gi|312283700|ref|NM\_001199111.1| Homo sapiens malate dehydrogenase 1, NAD (soluble) (MDH1), trans

gi|312283704|ref|NM\_001080487.2| Homo sapiens poly(A) binding protein, nuclear 1-like (cytoplasmic) (P

gi|312283722|ref|NM\_001199119.1| Homo sapiens TRIM39-RPP21 readthrough (TRIM39-RPP21), mRNA;

gi|312283725|ref|NM\_173163.2| Homo sapiens nuclear factor of activated T-cells, cytoplasmic, calcineurin

gi|312283730|ref|NM\_024839.2| Homo sapiens ribonuclease P/MRP 21kDa subunit (RPP21), transcript vari

gi|312284069|ref|NM\_017696.2| Homo sapiens minichromosome maintenance complex component 9 (MC

gi|312284071|ref|NM\_001199057.1| Homo sapiens ribosomal protein S17-like (RPS17L), mRNA;

gi|312284076|ref|NR\_037566.1| Homo sapiens breakpoint cluster region pseudogene 2 (BCRP2), non-codin

gi|312284078|ref|NR\_037586.1| Homo sapiens chromosome 21 open reading frame 37 (C21orf37), transcr

gi|312284082|ref|NM\_001199097.1| Homo sapiens BAI1-associated protein 3 (BAIAP3), transcript variant 3

gi|312284089|ref|NM\_001199125.1| Homo sapiens COP9 constitutive photomorphogenic homolog subunit

gi|312433952|ref|NM\_001199135.1| Homo sapiens TRAF family member-associated NFKB activator (TANK)

gi|312433961|ref|NM\_001199139.1| Homo sapiens NLR family, CARD domain containing 4 (NLRC4), transcr

gi|312433965|ref|NM\_001199140.1| Homo sapiens AMME chromosomal region gene 1-like (AMMECR1L),

gi|312433971|ref|NM\_031283.2| Homo sapiens transcription factor 7-like 1 (T-cell specific, HMG-box) (TCF

gi|312433981|ref|NM\_001079810.3| Homo sapiens xin actin-binding repeat containing 2 (XIRP2), transcript

gi|312433995|ref|NM\_001199148.1| Homo sapiens solute carrier family 38, member 11 (SLC38A11), trans

gi|312434005|ref|NM\_002343.3| Homo sapiens lactotransferrin (LTF), transcript variant 1, mRNA; gi|312434012|ref|NM\_001199156.1| Homo sapiens K(lysine) acetyltransferase 7 (KAT7), transcript variant 1

gi|312434018|ref|NM\_001199159.1| Homo sapiens peptidase inhibitor 16 (PI16), transcript variant 2, mRN

gi|312434022|ref|NM\_003620.3| Homo sapiens protein phosphatase, Mg<sup>2+</sup>/Mn<sup>2+</sup> dependent, 1D (PPM1D)

gi|312434026|ref|NM\_002995.2| Homo sapiens chemokine (C motif) ligand 1 (XCL1), mRNA;

gi|312434027|ref|NM\_182563.3| Homo sapiens chromosome 16 open reading frame 79 (C16orf79), mRNA

gi|312596874|ref|NM\_001199162.1| Homo sapiens ubiquitin specific peptidase 19 (USP19), transcript varia

gi|312596880|ref|NM\_001199163.1| Homo sapiens proteasome (prosome, macropain) 26S subunit, ATPase

gi|312596882|ref|NM\_005995.4| Homo sapiens T-box 10 (TBX10), mRNA;

gi|312596908|ref|NM\_022372.4| Homo sapiens MTOR associated protein, LST8 homolog (S. cerevisiae) (M

gi|312596923|ref|NM\_147163.1| Homo sapiens proteasome (prosome, macropain) assembly chaperone 2

gi|312596927|ref|NM\_001229.3| Homo sapiens caspase 9, apoptosis-related cysteine peptidase (CASP9), tr

gi|312596933|ref|NM\_001039360.2| Homo sapiens zinc finger and BTB domain containing 7C (ZBTB7C), mF

gi|312596937|ref|NM\_001744.4| Homo sapiens calcium/calmodulin-dependent protein kinase IV (CAMK4),

gi|312596938|ref|NM\_012114.2| Homo sapiens caspase 14, apoptosis-related cysteine peptidase (CASP14)

gi|312596942|ref|NM\_001239.3| Homo sapiens cyclin H (CCNH), transcript variant 1, mRNA; gi|312596943

gi|312836759|ref|NM\_001005191.2| Homo sapiens olfactory receptor, family 7, subfamily D, member 4 (O

gi|312836766|ref|NM\_001199181.1| Homo sapiens ATPase, Ca<sup>++</sup> transporting, type 2C, member 1 (ATP2C2), transcript variant 2, mRNA; gi|312836796|ref|NM\_033415.3| Homo sapiens armadillo repeat containing 6 (ARMC6), transcript variant 2, mRNA; gi|312836807|ref|NR\_037591.1| Homo sapiens adenylate kinase 2 (AK2), transcript variant 4, non-coding RNA; gi|312836810|ref|NM\_005685.3| Homo sapiens GTF2I repeat domain containing 1 (GTF2IRD1), transcript variant 1, mRNA; gi|312836816|ref|NR\_037593.1| Homo sapiens colon adenocarcinoma hypermethylated (non-protein coding) (HCCAT), transcript variant 1, mRNA; gi|312836817|ref|NM\_001199202.1| Homo sapiens zinc finger, B-box domain containing (ZBBX), transcript variant 1, mRNA; gi|312836826|ref|NM\_001199206.1| Homo sapiens folate receptor 4 (delta) homolog (mouse) (FOLR4), mRNA; gi|312836832|ref|NM\_001199208.1| Homo sapiens cytochrome P450, family 4, subfamily F, polypeptide 3 (CYP4F3), mRNA; gi|312836839|ref|NM\_001126.3| Homo sapiens adenylosuccinate synthase (ADSS), mRNA; gi|312836842|ref|NM\_032108.3| Homo sapiens sema domain, transmembrane domain (TM), and cytoplasmic tail domain (CTD) containing 1 (SEMA4), mRNA; gi|312836844|ref|NM\_006133.2| Homo sapiens diacylglycerol lipase, alpha (DAGLA), mRNA; gi|312836850|ref|NM\_001199216.1| Homo sapiens myelin associated glycoprotein (MAG), transcript variant 1, mRNA; gi|312837063|ref|NM\_001199198.1| Homo sapiens TBC1 domain family, member 23 (TBC1D23), transcript variant 1, mRNA; gi|312839834|ref|NR\_037596.1| Homo sapiens uncharacterized LOC401149 (FLJ14186), non-coding RNA; gi|312839846|ref|NR\_037597.1| Homo sapiens uncharacterized LOC442028 (LOC442028), non-coding RNA; gi|312839847|ref|NR\_037598.1| Homo sapiens INMT-FAM188B readthrough (non-protein coding) (INMT-FAM188B-RT), non-coding RNA; gi|312839848|ref|NR\_037599.1| Homo sapiens programmed cell death 6 interacting protein pseudogene 1 (PCD6IP1), non-coding RNA; gi|312839855|ref|NM\_001199232.1| Homo sapiens FSHD region gene 2-like (LOC100288255), mRNA; gi|312839861|ref|NM\_001199233.1| Homo sapiens uncharacterized LOC100505478 (LOC100505478), mRNA; gi|312839867|ref|NM\_033177.3| Homo sapiens G patch domain and ankyrin repeats 1 (GPANK1), transcript variant 1, mRNA; gi|312839874|ref|NR\_037600.1| Homo sapiens uncharacterized LOC100507217 (LOC100507217), transcript variant 1, mRNA; gi|312922346|ref|NR\_037605.1| Homo sapiens uncharacterized LOC100506046 (LOC100506046), non-coding RNA; gi|312922347|ref|NM\_199351.2| Homo sapiens immunoglobulin-like domain containing receptor 2 (ILDR2), transcript variant 1, mRNA; gi|312922348|ref|NR\_037606.1| Homo sapiens mitochondrial ribosomal protein S14 (MRPS14), transcript variant 1, mRNA; gi|312922350|ref|NM\_020147.3| Homo sapiens THAP domain containing 10 (THAP10), mRNA; gi|312922354|ref|NM\_022347.3| Homo sapiens torsin A interacting protein 2 (TOR1AIP2), transcript variant 1, mRNA; gi|312922366|ref|NM\_080831.3| Homo sapiens defensin, beta 129 (DEFB129), mRNA; gi|312922370|ref|NM\_001635.3| Homo sapiens amphiphysin (AMPH), transcript variant 1, mRNA; gi|312922375|ref|NM\_170693.2| Homo sapiens serum/glucocorticoid regulated kinase 2 (SGK2), transcript variant 1, mRNA; gi|312922386|ref|NR\_037608.1| Homo sapiens SLX1A-SULT1A3 readthrough (SLX1A-SULT1A3), non-coding RNA; gi|312922387|ref|NM\_007029.3| Homo sapiens stathmin-like 2 (STMN2), transcript variant 2, mRNA; gi|312922388|ref|NR\_037195.1| Homo sapiens uncharacterized LOC646324 (LOC646324), non-coding RNA; gi|312922398|ref|NM\_138484.3| Homo sapiens shugoshin-like 1 (S. pombe) (SGOL1), transcript variant C2, mRNA; gi|313102994|ref|NM\_001199266.1| Homo sapiens diacylglycerol kinase, zeta (DGKZ), transcript variant 5, mRNA; gi|313103002|ref|NM\_177552.3| Homo sapiens sulfotransferase family, cytosolic, 1A, phenol-preferring, member 1 (SULT1A1), mRNA; gi|313103004|ref|NM\_025219.2| Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 5 (DNAJC5), mRNA; gi|313103008|ref|NM\_001017390.2| Homo sapiens sulfotransferase family, cytosolic, 1A, phenol-preferring, member 2 (SULT1A2), mRNA; gi|313103013|ref|NR\_037609.1| Homo sapiens SLX1B-SULT1A4 readthrough (SLX1B-SULT1A4), non-coding RNA; gi|313103017|ref|NM\_001015000.2| Homo sapiens SLX1 structure-specific endonuclease subunit homolog A (SLX1A), mRNA; gi|313103023|ref|NM\_024044.3| Homo sapiens SLX1 structure-specific endonuclease subunit homolog B (SLX1B), mRNA; gi|313151187|ref|NM\_012295.3| Homo sapiens calcineurin binding protein 1 (CABIN1), transcript variant 2, mRNA; gi|313151196|ref|NM\_001199288.1| Homo sapiens phosphatase, orphan 2 (PHOSPHO2), transcript variant 1, mRNA; gi|313151200|ref|NM\_014339.5| Homo sapiens interleukin 17 receptor A (IL17RA), mRNA; gi|313151203|ref|NM\_001199290.1| Homo sapiens PHOSPHO2-KLHL23 readthrough (PHOSPHO2-KLHL23), non-coding RNA; gi|313151205|ref|NM\_144711.5| Homo sapiens kelch-like 23 (Drosophila) (KLHL23), mRNA; gi|313151213|ref|NM\_144717.3| Homo sapiens interleukin 20 receptor beta (IL20RB), mRNA; gi|313151216|ref|NM\_153263.2| Homo sapiens zinc finger protein 549 (ZNF549), transcript variant 2, mRNA



gi|313151225|ref|NM\_001199298.1| Homo sapiens ubiquitin interaction motif containing 1 (UIMC1), trans

gi|313151231|ref|NM\_002688.5| Homo sapiens septin 5 (SEPT5), transcript variant 1, mRNA; gi|313151234

gi|313151241|ref|NR\_037611.1| Homo sapiens SEPT5-GP1BB readthrough (SEPT5-GP1BB), non-coding RNA

gi|31317210|ref|NM\_014962.2| Homo sapiens BTB (POZ) domain containing 3 (BTBD3), transcript variant 1

gi|31317223|ref|NM\_005711.3| Homo sapiens EGF-like repeats and discoidin I-like domains 3 (EDIL3), mRN

gi|31317226|ref|NM\_001964.2| Homo sapiens early growth response 1 (EGR1), mRNA;

gi|31317237|ref|NM\_012083.2| Homo sapiens frequently rearranged in advanced T-cell lymphomas 2 (FRA

gi|31317242|ref|NM\_181310.1| Homo sapiens interleukin 22 receptor, alpha 2 (IL22RA2), transcript variant

gi|31317253|ref|NM\_014932.2| Homo sapiens neuroligin 1 (NLGN1), mRNA;

gi|31317254|ref|NM\_020795.2| Homo sapiens neuroligin 2 (NLGN2), mRNA;

gi|31317257|ref|NM\_020742.2| Homo sapiens neuroligin 4, X-linked (NLGN4X), transcript variant 1, mRNA;

gi|31317293|ref|NM\_005832.3| Homo sapiens potassium large conductance calcium-activated channel, sul

gi|31340581|ref|NM\_024019.2| Homo sapiens neurogenin 2 (NEUROG2), mRNA;

gi|31340617|ref|NM\_006904.6| Homo sapiens protein kinase, DNA-activated, catalytic polypeptide (PRKDC

gi|31340618|ref|NM\_021916.2| Homo sapiens zinc finger protein 70 (ZNF70), mRNA;

gi|31340723|ref|NM\_178569.2| Homo sapiens chromosome 5 open reading frame 38 (C5orf38), mRNA;

gi|31341108|ref|NM\_173798.2| Homo sapiens zinc finger, CCHC domain containing 12 (ZCCHC12), mRNA;

gi|31341191|ref|NM\_173850.2| Homo sapiens serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, a

gi|31341282|ref|NM\_175068.2| Homo sapiens keratin 73 (KRT73), mRNA;

gi|31341350|ref|NM\_174896.2| Homo sapiens chromosome 1 open reading frame 162 (C1orf162), mRNA;

gi|31341355|ref|NM\_174902.2| Homo sapiens low density lipoprotein receptor class A domain containing :

gi|31341469|ref|NM\_178863.2| Homo sapiens potassium channel tetramerisation domain containing 13 (K

gi|31341729|ref|NM\_178547.2| Homo sapiens zinc finger and BTB domain containing 8 opposite strand (ZB

gi|31341836|ref|NM\_178518.2| Homo sapiens transmembrane protein 102 (TMEM102), mRNA;

gi|31341888|ref|NM\_178507.2| Homo sapiens OAF homolog (Drosophila) (OAF), mRNA;

gi|31341899|ref|NM\_178502.2| Homo sapiens deltex homolog 3 (Drosophila) (DTX3), mRNA;

gi|31341936|ref|NM\_178840.2| Homo sapiens chromosome 1 open reading frame 64 (C1orf64), mRNA;

gi|31342210|ref|NM\_175911.2| Homo sapiens olfactory receptor, family 2, subfamily L, member 13 (OR2L1

gi|31342324|ref|NM\_178176.2| Homo sapiens monoacylglycerol O-acyltransferase 3 (MOGAT3), mRNA;

gi|31342330|ref|NM\_178174.2| Homo sapiens triggering receptor expressed on myeloid cells-like 1 (TREML

gi|31342341|ref|NM\_178170.2| Homo sapiens NIMA (never in mitosis gene a)- related kinase 8 (NEK8), mR

gi|31342353|ref|NM\_178167.2| Homo sapiens zinc finger protein 598 (ZNF598), mRNA;

gi|31342394|ref|NM\_178130.2| Homo sapiens NME family member 9 (NME9), mRNA;

gi|31342404|ref|NM\_178125.2| Homo sapiens tripartite motif containing 50 (TRIM50), mRNA;

gi|31343439|ref|NM\_175747.2| Homo sapiens oligodendrocyte transcription factor 3 (OLIG3), mRNA;

gi|31343480|ref|NM\_175887.2| Homo sapiens proline rich 15 (PRR15), mRNA;

gi|31343499|ref|NM\_175886.2| Homo sapiens phosphoribosyl pyrophosphate synthetase 1-like 1 (PRPS1L1

gi|31343534|ref|NM\_178818.2| Homo sapiens CKLF-like MARVEL transmembrane domain containing 4 (CN

gi|31343637|ref|NM\_175858.2| Homo sapiens keratin associated protein 11-1 (KRTAP11-1), mRNA;

gi|313482780|ref|NM\_000727.3| Homo sapiens calcium channel, voltage-dependent, gamma subunit 1 (CA

gi|313482781|ref|NM\_006078.3| Homo sapiens calcium channel, voltage-dependent, gamma subunit 2 (CA

gi|313482782|ref|NM\_014405.3| Homo sapiens calcium channel, voltage-dependent, gamma subunit 4 (CA

gi|313482783|ref|NM\_012328.2| Homo sapiens DnaJ (Hsp40) homolog, subfamily B, member 9 (DNAJB9), r

gi|313482784|ref|NM\_031896.4| Homo sapiens calcium channel, voltage-dependent, gamma subunit 7 (CA

gi|313482785|ref|NM\_031895.5| Homo sapiens calcium channel, voltage-dependent, gamma subunit 8 (CA

gi|313482788|ref|NM\_153486.3| Homo sapiens lactate dehydrogenase D (LDHD), nuclear gene encoding m

gi|313482790|ref|NM\_004198.3| Homo sapiens cholinergic receptor, nicotinic, alpha 6 (neuronal) (CHRNA6

gi|313482793|ref|NM\_138612.2| Homo sapiens hyaluronan synthase 3 (HAS3), transcript variant 2, mRNA;

gi|313482798|ref|NM\_005331.4| Homo sapiens hemoglobin, theta 1 (HBQ1), mRNA;

gi|313482805|ref|NM\_145182.2| Homo sapiens PYD and CARD domain containing (PYCARD), transcript var

gi|313482809|ref|NM\_001199291.1| Homo sapiens hydroxysteroid (17-beta) dehydrogenase 4 (HSD17B4),

gi|313482813|ref|NM\_012451.3| Homo sapiens synaptogyrin 4 (SYNGR4), mRNA;

gi|313482815|ref|NM\_005652.3| Homo sapiens telomeric repeat binding factor 2 (TERF2), mRNA;

gi|313482817|ref|NM\_001199302.1| Homo sapiens CCR4-NOT transcription complex, subunit 2 (CNOT2), tr

gi|313482831|ref|NM\_017929.5| Homo sapiens peroxisomal biogenesis factor 26 (PEX26), transcript variar

gi|313482851|ref|NM\_001199323.1| Homo sapiens muted homolog (mouse) (MUTED), transcript variant 3

gi|313482856|ref|NM\_030810.3| Homo sapiens thioredoxin domain containing 5 (endoplasmic reticulum) (

gi|313482857|ref|NM\_003502.3| Homo sapiens axin 1 (AXIN1), transcript variant 1, mRNA; gi|313482858|

gi|313482862|ref|NM\_015704.2| Homo sapiens PPPDE peptidase domain containing 2 (PPPDE2), mRNA;

gi|313482864|ref|NM\_006539.3| Homo sapiens calcium channel, voltage-dependent, gamma subunit 3 (CA

gi|313482865|ref|NR\_037616.1| Homo sapiens MUTED-TXNDC5 readthrough (non-protein coding) (MUTEC

gi|313482869|ref|NM\_014677.4| Homo sapiens regulating synaptic membrane exocytosis 2 (RIMS2), trans

gi|313482870|ref|NR\_037618.1| Homo sapiens EEF1E1-MUTED readthrough (EEF1E1-MUTED), non-coding

gi|313482874|ref|NM\_201589.3| Homo sapiens v-maf musculoaponeurotic fibrosarcoma oncogene homolo

gi|313569764|ref|NM\_014597.4| Homo sapiens deoxynucleotidyltransferase, terminal, interacting protein

gi|313569766|ref|NM\_001035006.2| Homo sapiens ribosomal protein L17 (RPL17), transcript variant 2, mR

gi|313569782|ref|NM\_001199329.1| Homo sapiens fucose-1-phosphate guanylyltransferase (FPGT), transc

gi|313569785|ref|NM\_001199346.1| Homo sapiens chromosome 18 open reading frame 32 (C18orf32), tra

gi|313569792|ref|NM\_001085425.2| Homo sapiens arylsulfatase A (ARSA), transcript variant 2, mRNA; gi|3

gi|313569823|ref|NM\_001199356.1| Homo sapiens RPL17-C18orf32 readthrough (RPL17-C18ORF32), trans

gi|313569847|ref|NM\_001199317.1| Homo sapiens CKLF-like MARVEL transmembrane domain containing :

gi|313569849|ref|NM\_194249.2| Homo sapiens dead end homolog 1 (zebrafish) (DND1), mRNA;

gi|313569850|ref|NM\_144601.3| Homo sapiens CKLF-like MARVEL transmembrane domain containing 3 (C

gi|313569855|ref|NM\_198480.3| Homo sapiens zinc finger protein 615 (ZNF615), transcript variant 2, mRN

gi|313569857|ref|NM\_022897.3| Homo sapiens RAN binding protein 17 (RANBP17), mRNA;

gi|313569860|ref|NM\_001199327.1| Homo sapiens FPGT-TNNI3K readthrough (FPGT-TNNI3K), transcript v

gi|313569863|ref|NM\_015978.2| Homo sapiens TNNI3 interacting kinase (TNNI3K), mRNA;

gi|313661351|ref|NM\_014321.3| Homo sapiens origin recognition complex, subunit 6 (ORC6), transcript va

gi|313661366|ref|NM\_033208.3| Homo sapiens tigger transposable element derived 7 (TIGD7), mRNA;

gi|313661368|ref|NM\_004209.5| Homo sapiens synaptogyrin 3 (SYNGR3), mRNA;

gi|313661396|ref|NM\_001199383.1| Homo sapiens ring finger protein 145 (RNF145), transcript variant 5, n

gi|313661400|ref|NM\_054112.2| Homo sapiens defensin, beta 118 (DEFB118), mRNA;

gi|313661407|ref|NM\_001199389.1| Homo sapiens erythrocyte membrane protein band 4.1-like 2 (EPB411

gi|313661424|ref|NM\_012224.2| Homo sapiens NIMA (never in mitosis gene a)-related kinase 1 (NEK1), tra

gi|313661469|ref|NM\_001199417.1| Homo sapiens Rho GTPase activating protein 23 (ARHGAP23), mRNA;

gi|313661481|ref|NM\_145726.2| Homo sapiens TNF receptor-associated factor 3 (TRAF3), transcript varian

gi|313661485|ref|NM\_172344.2| Homo sapiens potassium voltage-gated channel, subfamily G, member 3 (

gi|313661501|ref|NM\_001199434.1| Homo sapiens nuclear import 7 homolog (S. cerevisiae) (NIP7), trans

gi|313661511|ref|NM\_172347.2| Homo sapiens potassium voltage-gated channel, subfamily G, member 4 (

gi|313661578|ref|NM\_145811.2| Homo sapiens calcium channel, voltage-dependent, gamma subunit 5 (CA

gi|313665837|ref|NM\_152230.4| Homo sapiens inositol polyphosphate multikinase (IPMK), mRNA;

gi|313677962|ref|NM\_001048212.3| Homo sapiens cementum protein 1 (CEMP1), mRNA;

gi|313747418|ref|NM\_001199456.1| Homo sapiens bromodomain containing 2 (BRD2), transcript variant 4

gi|313747425|ref|NR\_037626.1| Homo sapiens two pore channel 3 pseudogene (LOC100507334), non-codi

gi|313747426|ref|NR\_037627.1| Homo sapiens glycosylphosphatidylinositol anchor attachment protein 1 h

gi|313747433|ref|NM\_020701.3| Homo sapiens ISY1 splicing factor homolog (S. cerevisiae) (ISY1), transcrip

gi|313747434|ref|NM\_001294.2| Homo sapiens cleft lip and palate associated transmembrane protein 1 (C

gi|313747441|ref|NM\_080752.3| Homo sapiens zinc finger, SWIM-type containing 3 (ZSWIM3), transcript v

gi|313747455|ref|NR\_037630.1| Homo sapiens uncharacterized LOC645513 (LOC645513), non-coding RNA,

gi|313747459|ref|NM\_001199480.1| Homo sapiens zinc finger protein 193 (ZNF193), transcript variant 3, n

gi|313747508|ref|NM\_004193.2| Homo sapiens golgi brefeldin A resistant guanine nucleotide exchange fac

gi|313747511|ref|NM\_001199509.1| Homo sapiens natural cytotoxicity triggering receptor 2 (NCR2), transi

gi|313747516|ref|NM\_001199513.1| Homo sapiens TGFB-induced factor homeobox 2 (TGIF2), transcript va

gi|313747540|ref|NM\_001199527.1| Homo sapiens uromodulin-like 1 (UMODL1), transcript variant 3, mRN

gi|313747552|ref|NM\_001199534.1| Homo sapiens chromosome 20 open reading frame 24 (C20orf24), tra

gi|313747554|ref|NM\_001199535.1| Homo sapiens TGIF2-C20orf24 readthrough (TGIF2-C20ORF24), mRNA

gi|313747579|ref|NM\_001199377.1| Homo sapiens acyl-CoA synthetase bubblegum family member 1 (ACS

gi|313747595|ref|NM\_014793.4| Homo sapiens leucine carboxyl methyltransferase 2 (LCMT2), mRNA;

gi|313760527|ref|NR\_037629.1| Homo sapiens programmed cell death 2 pseudogene (LOC728739), non-cc

gi|313760535|ref|NM\_145341.3| Homo sapiens programmed cell death 4 (neoplastic transformation inhibi

gi|313760552|ref|NM\_138423.3| Homo sapiens cancer susceptibility candidate 4 (CASC4), transcript varian

gi|313760589|ref|NM\_020369.2| Homo sapiens fascin homolog 3, actin-bundling protein, testicular (Strong

gi|313760590|ref|NM\_001662.3| Homo sapiens ADP-ribosylation factor 5 (ARF5), mRNA;

gi|313760594|ref|NM\_007073.4| Homo sapiens blood vessel epicardial substance (BVES), transcript variant

gi|313760599|ref|NM\_001042717.2| Homo sapiens GTP-binding protein 10 (putative) (GTPBP10), transcrip

gi|313760605|ref|NR\_037631.1| Homo sapiens uncharacterized LOC100288911 (LOC100288911), non-codi

gi|313760609|ref|NM\_130759.3| Homo sapiens GTPase, IMAP family member 1 (GIMAP1), mRNA;

gi|313760618|ref|NM\_001005180.2| Homo sapiens olfactory receptor, family 56, subfamily B, member 1 (C

gi|313760623|ref|NM\_000442.4| Homo sapiens platelet/endothelial cell adhesion molecule 1 (PECAM1), m

gi|313760628|ref|NM\_001199573.1| Homo sapiens tripartite motif containing 22 (TRIM22), transcript varia

gi|313760632|ref|NM\_018384.4| Homo sapiens GTPase, IMAP family member 5 (GIMAP5), mRNA;

gi|313760637|ref|NM\_001199577.1| Homo sapiens GIMAP1-GIMAP5 readthrough (GIMAP1-GIMAP5), mRN

gi|313760644|ref|NM\_001199580.1| Homo sapiens Sad1 and UNC84 domain containing 2 (SUN2), transcrip

gi|313760650|ref|NM\_012170.3| Homo sapiens F-box protein 22 (FBXO22), transcript variant 2, mRNA; gi|

gi|313760652|ref|NM\_001199583.1| Homo sapiens protein kinase C and casein kinase substrate in neurons

gi|313760665|ref|NM\_030772.4| Homo sapiens gap junction protein, alpha 9, 59kDa (GJA9), mRNA;

gi|313760676|ref|NM\_178270.2| Homo sapiens ATG4 autophagy related 4 homolog A (S. cerevisiae) (ATG4

gi|313760679|ref|NM\_012333.4| Homo sapiens c-myc binding protein (MYCBP), transcript variant 1, mRNA

gi|313760690|ref|NR\_037634.1| Homo sapiens GJA9-MYCBP readthrough (GJA9-MYCBP), transcript variant

gi|31377561|ref|NM\_017645.3| Homo sapiens HAUS augmin-like complex, subunit 6 (HAUS6), mRNA;

gi|31377567|ref|NM\_152753.2| Homo sapiens signal peptide, CUB domain, EGF-like 3 (SCUBE3), mRNA;

gi|31377569|ref|NM\_152572.2| Homo sapiens adenylate kinase 8 (AK8), mRNA;

gi|31377590|ref|NM\_144665.2| Homo sapiens sestrin 3 (SESN3), mRNA;

gi|31377606|ref|NM\_020194.4| Homo sapiens mitochondrial fission factor (MFF), nuclear gene encoding m

gi|31377621|ref|NM\_133328.2| Homo sapiens death effector domain containing 2 (DEDD2), mRNA;

gi|31377626|ref|NM\_022451.9| Homo sapiens nucleolar complex associated 3 homolog (S. cerevisiae) (NO

gi|31377632|ref|NM\_052933.2| Homo sapiens testis specific, 13 (TSGA13), mRNA;

gi|31377643|ref|NM\_032810.2| Homo sapiens ATPase family, AAA domain containing 1 (ATAD1), mRNA;

gi|31377665|ref|NM\_031219.2| Homo sapiens haloacid dehalogenase-like hydrolase domain containing 3 (

gi|31377666|ref|NM\_031490.2| Homo sapiens lon peptidase 2, peroxisomal (LONP2), mRNA;

gi|31377669|ref|NM\_030959.2| Homo sapiens olfactory receptor, family 12, subfamily D, member 3 (OR12

gi|31377696|ref|NM\_024656.2| Homo sapiens glycosyltransferase 25 domain containing 1 (GLT25D1), mRNA  
 gi|31377704|ref|NM\_024548.2| Homo sapiens centrosomal protein 97kDa (CEP97), mRNA;  
 gi|31377729|ref|NM\_020143.2| Homo sapiens partner of NOB1 homolog (S. cerevisiae) (PNO1), mRNA;  
 gi|31377776|ref|NM\_014360.2| Homo sapiens NK2 homeobox 8 (NKX2-8), mRNA;  
 gi|31377778|ref|NM\_007271.2| Homo sapiens serine/threonine kinase 38 (STK38), mRNA;  
 gi|31377784|ref|NM\_006174.2| Homo sapiens neuropeptide Y receptor Y5 (NPY5R), mRNA;  
 gi|31377787|ref|NM\_006100.2| Homo sapiens ST3 beta-galactoside alpha-2,3-sialyltransferase 6 (ST3GAL6)  
 gi|31377788|ref|NM\_005302.2| Homo sapiens G protein-coupled receptor 37 (endothelin receptor type B-  
 gi|31377791|ref|NM\_005281.2| Homo sapiens G protein-coupled receptor 3 (GPR3), mRNA;  
 gi|313850975|ref|NM\_001199620.1| Homo sapiens nuclear receptor coactivator 7 (NCOA7), transcript vari  
 gi|313850979|ref|NM\_014598.2| Homo sapiens suppressor of cytokine signaling 7 (SOCS7), mRNA;  
 gi|313850982|ref|NM\_001199623.1| Homo sapiens cell death-inducing DFFA-like effector c (CIDEA), transcr  
 gi|313851000|ref|NM\_001199629.1| Homo sapiens myosin, light chain 6B, alkali, smooth muscle and non-r  
 gi|313851002|ref|NM\_001199464.1| Homo sapiens programmed cell death 2 (PDCD2), transcript variant 6,  
 gi|313851010|ref|NM\_001199633.1| Homo sapiens solute carrier family 28 (sodium-coupled nucleoside tra  
 gi|313851016|ref|NR\_037639.1| Homo sapiens HEATR8-TTC4 readthrough (HEATR8-TTC4), transcript variat  
 gi|313851017|ref|NM\_001199635.1| Homo sapiens adenylate cyclase activating polypeptide 1 (pituitary) re  
 gi|313851029|ref|NM\_001199640.1| Homo sapiens interleukin 33 (IL33), transcript variant 2, mRNA; gi|31:  
 gi|313851043|ref|NM\_001199649.1| Homo sapiens PTK2 protein tyrosine kinase 2 (PTK2), transcript varian  
 gi|313851051|ref|NM\_007221.3| Homo sapiens polyamine-modulated factor 1 (PMF1), transcript variant 2  
 gi|313851060|ref|NM\_199173.4| Homo sapiens bone gamma-carboxyglutamate (gla) protein (BGLAP), mRN  
 gi|313851073|ref|NM\_001199664.1| Homo sapiens PMF1-BGLAP readthrough (PMF1-BGLAP), transcript va  
 gi|313851091|ref|NM\_004708.3| Homo sapiens programmed cell death 5 (PDCD5), mRNA;  
 gi|313851094|ref|NM\_012129.4| Homo sapiens claudin 12 (CLDN12), transcript variant 3, mRNA; gi|31376  
 gi|313851096|ref|NM\_001199570.1| Homo sapiens CAP-GLY domain containing linker protein 3 (CLIP3), tra  
 gi|313851098|ref|NM\_001466.3| Homo sapiens frizzled family receptor 2 (FZD2), mRNA;  
 gi|313851103|ref|NM\_017412.3| Homo sapiens frizzled family receptor 3 (FZD3), transcript variant 1, mRN.  
 gi|314122154|ref|NM\_007197.3| Homo sapiens frizzled family receptor 10 (FZD10), mRNA;  
 gi|314122156|ref|NM\_005568.3| Homo sapiens LIM homeobox 1 (LHX1), mRNA;  
 gi|314122159|ref|NR\_036133.1| Homo sapiens microRNA 323b (MIR323B), microRNA;  
 gi|314122161|ref|NM\_001199642.1| Homo sapiens adenylate cyclase 5 (ADCY5), transcript variant 2, mRN.  
 gi|314122164|ref|NM\_079423.3| Homo sapiens myosin, light chain 6, alkali, smooth muscle and non-muscl  
 gi|314122165|ref|NM\_144652.2| Homo sapiens leucine zipper-EF-hand containing transmembrane protein  
 gi|314122182|ref|NM\_001199674.1| Homo sapiens calumenin (CALU), transcript variant 6, mRNA; gi|3141  
 gi|314122217|ref|NM\_001199691.1| Homo sapiens TMEM56-RWDD3 readthrough (TMEM56-RWDD3), mRN  
 gi|314122219|ref|NM\_001199692.1| Homo sapiens solute carrier family 4, anion exchanger, member 2 (er  
 gi|314122240|ref|NM\_004638.3| Homo sapiens proline-rich coiled-coil 2A (PRRC2A), transcript variant 2, m  
 gi|314122261|ref|NM\_006053.3| Homo sapiens T-cell, immune regulator 1, ATPase, H<sup>+</sup> transporting, lysosc  
 gi|314122359|ref|NM\_032429.2| Homo sapiens leucine zipper, putative tumor suppressor 2 (LZTS2), mRNA  
 gi|315013528|ref|NM\_178138.4| Homo sapiens LIM homeobox 3 (LHX3), transcript variant 1, mRNA; gi|31  
 gi|315013530|ref|NR\_037642.1| Homo sapiens uncharacterized LOC100527964 (LOC100527964), non-codi  
 gi|315013531|ref|NM\_033343.3| Homo sapiens LIM homeobox 4 (LHX4), mRNA;  
 gi|315013532|ref|NM\_181715.2| Homo sapiens CREB regulated transcription coactivator 2 (CRTC2), mRNA,  
 gi|315013533|ref|NM\_032656.3| Homo sapiens DEAH (Asp-Glu-Ala-His) box polypeptide 37 (DHX37), mRN/  
 gi|315013540|ref|NM\_001878.3| Homo sapiens cellular retinoic acid binding protein 2 (CRABP2), transcript  
 gi|315013560|ref|NM\_022748.11| Homo sapiens tensin 3 (TNS3), mRNA;  
 gi|315013566|ref|NM\_017512.5| Homo sapiens enolase superfamily member 1 (ENOSF1), transcript varian

gi|315013574|ref|NR\_037644.1| Homo sapiens C10orf32-AS3MT readthrough (C10orf32-AS3MT), non-coding RNA; gi|315013575|ref|NM\_005502.3| Homo sapiens ATP-binding cassette, sub-family A (ABC1), member 1 (ABC1), mRNA; gi|315013576|ref|NM\_001910.3| Homo sapiens cathepsin E (CTSE), transcript variant 1, mRNA; gi|315013580|ref|NM\_016020.3| Homo sapiens transcription factor B1, mitochondrial (TFB1M), nuclear gene; gi|315013585|ref|NM\_015959.3| Homo sapiens thioredoxin-related transmembrane protein 2 (TMX2), transmembrane protein; gi|315013589|ref|NM\_020343.3| Homo sapiens Ral GTPase activating protein, alpha subunit 2 (catalytic) (RALGAP2), mRNA; gi|315013590|ref|NR\_037646.1| Homo sapiens TMX2-CTNND1 readthrough (non-protein coding) (TMX2-CTNND1), non-coding RNA; gi|315075273|ref|NM\_002191.3| Homo sapiens inhibin, alpha (INHA), mRNA; gi|315075274|ref|NM\_013306.4| Homo sapiens sorting nexin 15 (SNX15), transcript variant A, mRNA; gi|315075284|ref|NM\_004091.3| Homo sapiens E2F transcription factor 2 (E2F2), mRNA; gi|315075285|ref|NR\_037650.1| Homo sapiens ARL2-SNX15 readthrough (ARL2-SNX15), non-coding RNA; gi|315075290|ref|NR\_037651.1| Homo sapiens HSPB2-C11orf52 readthrough (non-protein coding) (HSPB2-C11orf52), non-coding RNA; gi|315075293|ref|NM\_001025290.2| Homo sapiens developmental pluripotency associated 5 (DPPA5), mRNA; gi|315075295|ref|NM\_000396.3| Homo sapiens cathepsin K (CTSK), mRNA; gi|315075312|ref|NM\_004079.4| Homo sapiens cathepsin S (CTSS), transcript variant 1, mRNA; gi|315075319|ref|NR\_037649.1| Homo sapiens cyclin T2 (CCNT2), transcript variant c, non-coding RNA; gi|315075324|ref|NM\_001199742.1| Homo sapiens growth arrest and DNA-damage-inducible, alpha (GADD45A), mRNA; gi|315075329|ref|NM\_001127380.2| Homo sapiens serum amyloid A2 (SAA2), transcript variant 2, mRNA; gi|315075330|ref|NM\_001199744.1| Homo sapiens SAA2-SAA4 readthrough (SAA2-SAA4), mRNA; gi|315075332|ref|NM\_006512.3| Homo sapiens serum amyloid A4, constitutive (SAA4), mRNA; gi|315075335|ref|NM\_019558.3| Homo sapiens homeobox D8 (HOXD8), transcript variant 1, mRNA; gi|315075337|ref|NM\_001199745.1| Homo sapiens ADP-ribosylation factor-like 2 (ARL2), transcript variant 1, mRNA; gi|315113852|ref|NM\_002713.3| Homo sapiens protein phosphatase 1, regulatory subunit 8 (PPP1R8), transmembrane protein; gi|315113853|ref|NM\_002580.2| Homo sapiens regenerating islet-derived 3 alpha (REG3A), transcript variant 1, mRNA; gi|315113858|ref|NM\_006243.3| Homo sapiens protein phosphatase 2, regulatory subunit B', alpha (PPP2R1B), mRNA; gi|315113865|ref|NR\_037653.1| Homo sapiens suppressor of tumorigenicity 20 (ST20), transcript variant 5, non-coding RNA; gi|315113869|ref|NM\_001199760.1| Homo sapiens ST20-MTHFS readthrough (ST20-MTHFS), mRNA; gi|315113871|ref|NR\_037654.1| Homo sapiens 5,10-methenyltetrahydrofolate synthetase (5-formyltetrahydrofolate synthetase), mRNA; gi|315113875|ref|NM\_021032.4| Homo sapiens fibroblast growth factor 12 (FGF12), transcript variant 1, mRNA; gi|315113879|ref|NM\_002846.3| Homo sapiens protein tyrosine phosphatase, receptor type, N (PTPRN), transmembrane protein; gi|315113896|ref|NM\_020786.2| Homo sapiens pyruvate dehydrogenase phosphatase catalytic subunit 2 (PDH-E1), mRNA; gi|315113898|ref|NR\_037656.1| Homo sapiens biogenesis of lysosomal organelles complex-1, subunit 1 (BLOC1S1), non-coding RNA; gi|315113902|ref|NM\_001199770.1| Homo sapiens orthodenticle homeobox 1 (OTX1), transcript variant 2, non-coding RNA; gi|315113905|ref|NM\_001199771.1| Homo sapiens retinol dehydrogenase 5 (11-cis/9-cis) (RDH5), transcript variant 1, mRNA; gi|315113907|ref|NR\_037658.1| Homo sapiens BLOC1S1-RDH5 readthrough (BLOC1S1-RDH5), non-coding RNA; gi|315113909|ref|NM\_020162.3| Homo sapiens DEAH (Asp-Glu-Ala-His) box polypeptide 33 (DHX33), transmembrane protein; gi|315113913|ref|NR\_037647.1| Homo sapiens FAD-dependent oxidoreductase domain containing 1 (FOXR1), non-coding RNA; gi|315138978|ref|NM\_004712.4| Homo sapiens hepatocyte growth factor-regulated tyrosine kinase substrate 1 (HGFRTK), mRNA; gi|315138979|ref|NM\_002790.3| Homo sapiens proteasome (prosome, macropain) subunit, alpha type, 5 (PSMA5), mRNA; gi|315138989|ref|NM\_001199775.1| Homo sapiens carboxypeptidase D (CPD), transcript variant 2, mRNA; gi|315138997|ref|NR\_037660.1| Homo sapiens POC1 centriolar protein homolog B (Chlamydomonas) (POC1B), non-coding RNA; gi|315139000|ref|NM\_007115.3| Homo sapiens tumor necrosis factor, alpha-induced protein 6 (TNFAIP6), non-coding RNA; gi|315139002|ref|NM\_003774.4| Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetyltransferase 1 (UDP-GalNAc 4-epimerase), mRNA; gi|315139005|ref|NM\_001199779.1| Homo sapiens proteasome (prosome, macropain) subunit, beta type, 5 (PSMB5), mRNA; gi|315139018|ref|NM\_054014.3| Homo sapiens FK506 binding protein 1A, 12kDa (FKBP1A), transcript variant 1, mRNA; gi|315139021|ref|NM\_005689.2| Homo sapiens ATP-binding cassette, sub-family B (MDR/TAP), member 6 (ABCB6), mRNA; gi|315139022|ref|NR\_037661.1| Homo sapiens FKBP1A-SDCBP2 readthrough (non-protein coding) (FKBP1A-SDCBP2), non-coding RNA.

gi|315139023|ref|NM\_005791.2| Homo sapiens M-phase phosphoprotein 10 (U3 small nucleolar ribonucleoprotein 10), mRNA; gi|315139024|ref|NM\_020791.2| Homo sapiens TAO kinase 1 (TAOK1), transcript variant 1, mRNA; gi|315139027|ref|NM\_182838.2| Homo sapiens solute carrier family 35, member E2 (SLC35E2), transcript variant 1, mRNA; gi|315139030|ref|NR\_037662.1| Homo sapiens selenoprotein K pseudogene (LOC100287632), non-coding RNA; gi|315221116|ref|NM\_001199752.1| Homo sapiens carnitine palmitoyltransferase 1C (CPT1C), transcript variant 1, mRNA; gi|315221120|ref|NM\_001199781.1| Homo sapiens POC1B-GALNT4 readthrough (POC1B-GALNT4), transcript variant 1, mRNA; gi|315221122|ref|NM\_015685.5| Homo sapiens syndecan binding protein (syntenin) 2 (SDCBP2), transcript variant 1, mRNA; gi|315221123|ref|NM\_007360.3| Homo sapiens killer cell lectin-like receptor subfamily K, member 1 (KLRK1), transcript variant 1, mRNA; gi|315221141|ref|NM\_080588.2| Homo sapiens protein tyrosine phosphatase, non-receptor type 7 (PTPN7), transcript variant 1, mRNA; gi|315221146|ref|NM\_144766.2| Homo sapiens regulator of G-protein signaling 13 (RGS13), transcript variant 1, mRNA; gi|315221148|ref|NM\_021133.3| Homo sapiens ribonuclease L (2',5'-oligoadenylate synthetase-dependent), mRNA; gi|315221151|ref|NM\_001199802.1| Homo sapiens ribosomal protein L11 (RPL11), transcript variant 2, mRNA; gi|315221154|ref|NR\_037665.1| Homo sapiens uncharacterized LOC100506548 (LOC100506548), non-coding RNA; gi|315221156|ref|NM\_002964.4| Homo sapiens S100 calcium binding protein A8 (S100A8), mRNA; gi|315221158|ref|NM\_001199803.1| Homo sapiens centromere protein O (CENPO), transcript variant 2, mRNA; gi|315221163|ref|NM\_001199805.1| Homo sapiens KLRC4-KLRK1 readthrough (KLRC4-KLRK1), mRNA; gi|315221166|ref|NM\_025146.2| Homo sapiens N(alpha)-acetyltransferase 50, NatE catalytic subunit (NAA50), mRNA; gi|315259077|ref|NM\_001199799.1| Homo sapiens immunoglobulin-like domain containing receptor 1 (ILC1), transcript variant 1, mRNA; gi|315259085|ref|NM\_001199811.1| Homo sapiens integrator complex subunit 7 (INTS7), transcript variant 1, mRNA; gi|315259088|ref|NR\_036571.2| Homo sapiens asparagine-linked glycosylation 11, alpha-1,2-mannosyltransferase 11, mRNA; gi|315259092|ref|NM\_001199814.1| Homo sapiens zinc finger protein 812 (ZNF812), mRNA; gi|315259096|ref|NM\_001199818.1| Homo sapiens ARMCM5-GPRASP2 readthrough (ARMCM5-GPRASP2), non-coding RNA; gi|315259099|ref|NM\_001561.5| Homo sapiens tumor necrosis factor receptor superfamily, member 9 (TNFRSF9), transcript variant 1, mRNA; gi|315259102|ref|NM\_014169.3| Homo sapiens charged multivesicular body protein 4A (CHMP4A), mRNA; gi|315259105|ref|NM\_138476.3| Homo sapiens magnesium-dependent phosphatase 1 (MDP1), transcript variant 1, mRNA; gi|315259110|ref|NM\_001199823.1| Homo sapiens NEDD8-MDP1 readthrough (NEDD8-MDP1), mRNA; gi|315360616|ref|NR\_037669.1| Homo sapiens gamma-glutamylcyclotransferase (GGCT), transcript variant 1, mRNA; gi|315360626|ref|NM\_001184875.2| Homo sapiens G protein-coupled receptor associated sorting protein 1 (GPRASP1), transcript variant 1, mRNA; gi|315360634|ref|NM\_001199828.1| Homo sapiens small proline-rich protein 1A (SPRR1A), transcript variant 1, mRNA; gi|315360636|ref|NM\_005076.3| Homo sapiens contactin 2 (axonal) (CNTN2), mRNA; gi|315360637|ref|NM\_003327.3| Homo sapiens tumor necrosis factor receptor superfamily, member 4 (TNFRSF4), transcript variant 1, mRNA; gi|315360638|ref|NM\_004918.3| Homo sapiens T-cell leukemia/lymphoma 1B (TCL1B), transcript variant 1, mRNA; gi|315360639|ref|NM\_012474.4| Homo sapiens uridine-cytidine kinase 2 (UCK2), mRNA; gi|315360640|ref|NM\_014215.2| Homo sapiens insulin receptor-related receptor (INSRR), mRNA; gi|315360643|ref|NM\_001098540.2| Homo sapiens heparanase (HPSE), transcript variant 2, mRNA; gi|315360653|ref|NM\_138395.3| Homo sapiens methionyl-tRNA synthetase 2, mitochondrial (MARS2), nuclear mRNA; gi|315360665|ref|NR\_037670.1| Homo sapiens sorting nexin 10 (SNX10), transcript variant 5, non-coding RNA; gi|315360667|ref|NM\_001199839.1| Homo sapiens BCL2-like 2 (BCL2L2), transcript variant 2, mRNA; gi|315360673|ref|NM\_145872.2| Homo sapiens ankyrin repeat and SOCS box containing 4 (ASB4), transcript variant 1, mRNA; gi|31541779|ref|NM\_007022.3| Homo sapiens cytochrome b-561 domain containing 2 (CYB561D2), mRNA; gi|31541940|ref|NM\_014278.2| Homo sapiens heat shock 70kDa protein 4-like (HSPA4L), mRNA; gi|31542241|ref|NM\_017917.2| Homo sapiens protein phosphatase 2, regulatory subunit B'', gamma (PPP2R2B), mRNA; gi|31542245|ref|NM\_024731.2| Homo sapiens kelch-like 36 (Drosophila) (KLHL36), mRNA; gi|31542267|ref|NM\_020152.2| Homo sapiens chromosome 21 open reading frame 7 (C21orf7), mRNA; gi|31542314|ref|NM\_004779.4| Homo sapiens CCR4-NOT transcription complex, subunit 8 (CNOT8), mRNA; gi|31542322|ref|NM\_001312.2| Homo sapiens cysteine-rich protein 2 (CRIP2), mRNA; gi|31542649|ref|NM\_018050.2| Homo sapiens MANSC domain containing 1 (MANSC1), mRNA;

gi|31542657|ref|NM\_018099.3| Homo sapiens fatty acyl CoA reductase 2 (FAR2), mRNA;  
 gi|31542666|ref|NM\_018306.2| Homo sapiens transmembrane protein 40 (TMEM40), mRNA;  
 gi|31542685|ref|NM\_025125.2| Homo sapiens chromosome 10 open reading frame 57 (C10orf57), mRNA;  
 gi|31542712|ref|NM\_017898.3| Homo sapiens mitochondrial amidoxime reducing component 2 (MARC2), mRNA;  
 gi|31542722|ref|NM\_022827.2| Homo sapiens spermatogenesis associated 20 (SPATA20), mRNA;  
 gi|31542730|ref|NM\_032219.2| Homo sapiens major facilitator superfamily domain containing 7 (MFSD7), mRNA;  
 gi|31542739|ref|NM\_024730.2| Homo sapiens RERG/RAS-like (RERGL), mRNA;  
 gi|31542740|ref|NM\_024785.2| Homo sapiens family with sequence similarity 124B (FAM124B), transcript  
 gi|31542746|ref|NM\_144589.2| Homo sapiens catechol-O-methyltransferase domain containing 1 (COMTD  
 gi|31542748|ref|NM\_152504.2| Homo sapiens chromosome 20 open reading frame 196 (C20orf196), mRNA;  
 gi|31542750|ref|NM\_152485.2| Homo sapiens chromosome 1 open reading frame 74 (C1orf74), mRNA;  
 gi|31542847|ref|NM\_005268.2| Homo sapiens gap junction protein, beta 5, 31.1kDa (GJB5), mRNA;  
 gi|31542866|ref|NM\_022157.2| Homo sapiens Ras-related GTP binding C (RRAGC), mRNA;  
 gi|31542933|ref|NM\_007072.2| Homo sapiens HERV-H LTR-associating 2 (HHLA2), mRNA;  
 gi|31542985|ref|NM\_017625.2| Homo sapiens intelectin 1 (galactofuranose binding) (ITLN1), mRNA;  
 gi|31543068|ref|NM\_144697.2| Homo sapiens chromosome 1 open reading frame 51 (C1orf51), mRNA;  
 gi|31543147|ref|NM\_024323.3| Homo sapiens chromosome 19 open reading frame 57 (C19orf57), mRNA;  
 gi|31543177|ref|NM\_024031.2| Homo sapiens proline rich 14 (PRR14), mRNA;  
 gi|31543197|ref|NM\_032017.1| Homo sapiens serine/threonine kinase 40 (STK40), mRNA;  
 gi|31543210|ref|NM\_006471.2| Homo sapiens myosin, light chain 12A, regulatory, non-sarcomeric (MYL12  
 gi|31543291|ref|NM\_033120.2| Homo sapiens naked cuticle homolog 2 (Drosophila) (NKD2), mRNA;  
 gi|31543301|ref|NM\_032600.2| Homo sapiens coiled-coil domain containing 54 (CCDC54), mRNA;  
 gi|31543358|ref|NM\_052998.2| Homo sapiens arginine decarboxylase (ADC), mRNA;  
 gi|31543384|ref|NM\_005017.2| Homo sapiens phosphate cytidylyltransferase 1, choline, alpha (PCYT1A), mRNA;  
 gi|31543395|ref|NM\_002629.2| Homo sapiens phosphoglycerate mutase 1 (brain) (PGAM1), mRNA;  
 gi|31543414|ref|NM\_052850.2| Homo sapiens growth arrest and DNA-damage-inducible, gamma interacting  
 gi|315434192|ref|NM\_016351.4| Homo sapiens ADAM metallopeptidase domain 22 (ADAM22), transcript  
 gi|315434202|ref|NM\_181349.2| Homo sapiens SMAD specific E3 ubiquitin protein ligase 1 (SMURF1), transcript  
 gi|315434205|ref|NM\_002036.3| Homo sapiens Duffy blood group, chemokine receptor (DARC), transcript  
 gi|315434211|ref|NM\_001199849.1| Homo sapiens death associated protein 3 (DAP3), transcript variant 3,  
 gi|315434221|ref|NM\_016282.3| Homo sapiens adenylate kinase 3 (AK3), nuclear gene encoding mitochon  
 gi|315434232|ref|NM\_001190898.2| Homo sapiens prodynorphin (PDYN), transcript variant 2, mRNA; gi|3  
 gi|315434237|ref|NM\_138295.3| Homo sapiens polycystic kidney disease 1 like 1 (PKD1L1), mRNA;  
 gi|315434246|ref|NM\_001199861.1| Homo sapiens potassium voltage-gated channel, shaker-related subfa  
 gi|315434252|ref|NM\_004643.3| Homo sapiens poly(A) binding protein, nuclear 1 (PABPN1), mRNA;  
 gi|315434253|ref|NM\_018397.4| Homo sapiens choline dehydrogenase (CHDH), nuclear gene encoding mit  
 gi|315434254|ref|NM\_001199864.1| Homo sapiens BCL2L2-PABPN1 readthrough (BCL2L2-PABPN1), mRNA  
 gi|315434256|ref|NM\_001926.3| Homo sapiens defensin, alpha 6, Paneth cell-specific (DEFA6), mRNA;  
 gi|315434260|ref|NM\_001199866.1| Homo sapiens kinesin family member 16B (KIF16B), transcript variant  
 gi|315434265|ref|NM\_032132.4| Homo sapiens HORMA domain containing 1 (HORMAD1), transcript varia  
 gi|315434270|ref|NM\_001199834.1| Homo sapiens vascular cell adhesion molecule 1 (VCAM1), transcript  
 gi|31543450|ref|NM\_013237.2| Homo sapiens PRELI domain containing 1 (PRELID1), nuclear gene encoding  
 gi|31543534|ref|NM\_015361.2| Homo sapiens R3H domain containing 1 (R3HDM1), mRNA;  
 gi|31543547|ref|NM\_016090.2| Homo sapiens RNA binding motif protein 7 (RBM7), mRNA;  
 gi|31543548|ref|NM\_007273.3| Homo sapiens prohibitin 2 (PHB2), transcript variant 2, mRNA; gi|2213075  
 gi|31543636|ref|NM\_017945.2| Homo sapiens solute carrier family 35, member A5 (SLC35A5), mRNA;  
 gi|31543803|ref|NM\_006528.2| Homo sapiens tissue factor pathway inhibitor 2 (TFPI2), mRNA;

gi|31543824|ref|NM\_144644.2| Homo sapiens spermatogenesis associated 4 (SPATA4), mRNA;  
 gi|31543930|ref|NM\_006634.2| Homo sapiens vesicle-associated membrane protein 5 (myobrevin) (VAMP5), mRNA;  
 gi|31544070|ref|NM\_020924.2| Homo sapiens zinc finger and BTB domain containing 26 (ZBTB26), mRNA;  
 gi|315467835|ref|NM\_003713.4| Homo sapiens phosphatidic acid phosphatase type 2B (PPAP2B), mRNA;  
 gi|315467836|ref|NM\_006541.4| Homo sapiens glutaredoxin 3 (GLRX3), transcript variant 2, mRNA; gi|315467839|ref|NM\_014891.6| Homo sapiens PDGFA associated protein 1 (PDAP1), mRNA;  
 gi|315467842|ref|NM\_003779.3| Homo sapiens UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 1 (UGAT4), mRNA;  
 gi|315467846|ref|NM\_153758.2| Homo sapiens interleukin 19 (IL19), transcript variant 1, mRNA; gi|315467848|ref|NM\_001199867.1| Homo sapiens MAP/microtubule affinity-regulating kinase 4 (MARK4), mRNA;  
 gi|315467864|ref|NR\_037673.1| Homo sapiens SERF2-C15orf63 readthrough (SERF2-C15ORF63), non-coding RNA;  
 gi|315467870|ref|NM\_001199888.1| Homo sapiens interleukin 7 (IL7), transcript variant 4, mRNA; gi|315467872|ref|NM\_001199889.1| Homo sapiens interleukin 7 (IL7), transcript variant 5, mRNA;  
 gi|315468042|ref|NM\_001199881.1| Homo sapiens early growth response 3 (EGR3), transcript variant 3, mRNA;  
 gi|315468046|ref|NM\_144627.3| Homo sapiens chromosome 1 open reading frame 182 (C1orf182), mRNA;  
 gi|315468519|ref|NM\_001199885.1| Homo sapiens chromosome 15 open reading frame 63 (C15orf63), transcript variant 1, mRNA;  
 gi|315468525|ref|NM\_001018108.3| Homo sapiens small EDRK-rich factor 2 (SERF2), transcript variant 3, mRNA;  
 gi|315468529|ref|NM\_182679.2| Homo sapiens G patch domain containing 4 (GPATCH4), transcript variant 1, mRNA;  
 gi|315468537|ref|NM\_018447.2| Homo sapiens transmembrane protein 111 (TMEM111), mRNA;  
 gi|315506994|ref|NM\_080825.3| Homo sapiens chromosome 20 open reading frame 144 (C20orf144), mRNA;  
 gi|315507148|ref|NM\_013286.4| Homo sapiens RNA binding motif protein 15B (RBM15B), mRNA;  
 gi|315570274|ref|NM\_004538.5| Homo sapiens nucleosome assembly protein 1-like 3 (NAP1L3), mRNA;  
 gi|315570278|ref|NM\_001199897.1| Homo sapiens lysosomal-associated membrane protein family, member 1 (LAMP1), transcript variant 1, mRNA;  
 gi|315570280|ref|NM\_005859.4| Homo sapiens purine-rich element binding protein A (PURA), mRNA;  
 gi|315583001|ref|NM\_145039.3| Homo sapiens CENPB DNA-binding domains containing 1 (CENPBD1), mRNA;  
 gi|315583016|ref|NM\_175884.4| Homo sapiens coiled-coil domain containing 71-like (CCDC71L), mRNA;  
 gi|315583336|ref|NM\_018222.4| Homo sapiens parvin, alpha (PARVA), mRNA;  
 gi|31559770|ref|NM\_053280.3| Homo sapiens outer dense fiber of sperm tails 3 (ODF3), mRNA;  
 gi|31559780|ref|NM\_153700.2| Homo sapiens stereocilin (STRC), mRNA;  
 gi|31559824|ref|NM\_181536.1| Homo sapiens polycystic kidney disease 1-like 3 (PKD1L3), mRNA;  
 gi|31560863|ref|NM\_178556.3| Homo sapiens tripartite motif family-like 1 (TRIML1), mRNA;  
 gi|315623323|ref|NR\_037675.1| Homo sapiens proline rich 24 (PRR24), transcript variant 2, non-coding RNA;  
 gi|315623362|ref|NR\_037676.1| Homo sapiens FRMD6 antisense RNA 1 (non-protein coding) (FRMD6-AS1), non-coding RNA;  
 gi|315630348|ref|NM\_001199898.1| Homo sapiens pyruvate dehydrogenase kinase, isozyme 2 (PDK2), transcript variant 1, mRNA;  
 gi|315633210|ref|NM\_001199938.1| Homo sapiens endogenous Bornavirus-like nucleoprotein 1 (EBLN1), mRNA;  
 gi|315633332|ref|NM\_144767.3| Homo sapiens A kinase (PRKA) anchor protein 13 (AKAP13), transcript variant 1, mRNA;  
 gi|315633373|ref|NM\_181466.1| Homo sapiens eukaryotic translation initiation factor 6 (EIF6), transcript variant 1, mRNA;  
 gi|31563385|ref|NM\_177973.1| Homo sapiens sulfotransferase family, cytosolic, 2B, member 1 (SULT2B1), mRNA;  
 gi|31563502|ref|NM\_181442.1| Homo sapiens activity-dependent neuroprotector homeobox (ADNP), transcript variant 1, mRNA;  
 gi|31563520|ref|NM\_024325.4| Homo sapiens zinc finger protein 343 (ZNF343), mRNA;  
 gi|31563525|ref|NM\_020689.3| Homo sapiens solute carrier family 24 (sodium/potassium/calcium exchanger) (SLC24A4), transcript variant 1, mRNA;  
 gi|31563533|ref|NM\_181471.1| Homo sapiens replication factor C (activator 1) 2, 40kDa (RFC2), transcript variant 1, mRNA;  
 gi|31563538|ref|NM\_080753.2| Homo sapiens WAP four-disulfide core domain 10A (WFDC10A), mRNA;  
 gi|31563539|ref|NM\_172006.2| Homo sapiens WAP four-disulfide core domain 10B (WFDC10B), transcript variant 1, mRNA;  
 gi|31563541|ref|NM\_147197.2| Homo sapiens WAP four-disulfide core domain 11 (WFDC11), mRNA;  
 gi|315709017|ref|NM\_015599.2| Homo sapiens phosphoglucomutase 3 (PGM3), transcript variant 2, mRNA;  
 gi|315709501|ref|NM\_001199934.1| Homo sapiens sestrin 1 (SESN1), transcript variant 3, mRNA; gi|315709502|ref|NM\_001199935.1| Homo sapiens sestrin 1 (SESN1), transcript variant 4, mRNA;  
 gi|315709509|ref|NM\_001199942.1| Homo sapiens dopey family member 1 (DOPEY1), transcript variant 2, mRNA;  
 gi|315709512|ref|NM\_004339.3| Homo sapiens pituitary tumor-transforming 1 interacting protein (PTTG1), mRNA



gi|31581555|ref|NM\_181532.2| Homo sapiens ES cell expressed Ras (ERAS), mRNA;

gi|31621308|ref|NM\_012472.3| Homo sapiens leucine rich repeat containing 6 (LRRC6), mRNA;

gi|31652217|ref|NM\_181491.1| Homo sapiens mediator complex subunit 22 (MED22), transcript variant c,

gi|31652227|ref|NM\_181515.1| Homo sapiens mitochondrial ribosomal protein L21 (MRPL21), nuclear gen

gi|31652233|ref|NM\_000192.3| Homo sapiens T-box 5 (TBX5), transcript variant 1, mRNA; gi|18201895|re

gi|31652241|ref|NM\_181492.1| Homo sapiens transcription factor 20 (AR1) (TCF20), transcript variant 2, m

gi|31652248|ref|NM\_004139.2| Homo sapiens lipopolysaccharide binding protein (LBP), mRNA;

gi|31652254|ref|NM\_175735.3| Homo sapiens lysozyme G-like 2 (LYG2), mRNA;

gi|31652256|ref|NM\_005461.3| Homo sapiens v-maf musculoaponeurotic fibrosarcoma oncogene homolog

gi|31652257|ref|NM\_014484.3| Homo sapiens molybdenum cofactor synthesis 3 (MOCS3), mRNA;

gi|31652260|ref|NM\_002466.2| Homo sapiens v-myb myeloblastosis viral oncogene homolog (avian)-like 2

gi|31652263|ref|NM\_022118.3| Homo sapiens RNA binding motif protein 26 (RBM26), mRNA;

gi|31657093|ref|NM\_018685.2| Homo sapiens anillin, actin binding protein (ANLN), mRNA;

gi|31657098|ref|NM\_181472.1| Homo sapiens CKLF-like MARVEL transmembrane domain containing 7 (CN

gi|31657113|ref|NM\_018076.2| Homo sapiens armadillo repeat containing 4 (ARMC4), mRNA;

gi|31657122|ref|NM\_181507.1| Homo sapiens Hermansky-Pudlak syndrome 5 (HPS5), transcript variant 1,

gi|31657133|ref|NM\_002031.2| Homo sapiens fyn-related kinase (FRK), mRNA;

gi|31657134|ref|NM\_006653.3| Homo sapiens fibroblast growth factor receptor substrate 3 (FRS3), mRNA;

gi|31657141|ref|NM\_181501.1| Homo sapiens integrin, alpha 1 (ITGA1), mRNA;

gi|31657143|ref|NM\_181493.1| Homo sapiens inosine triphosphatase (nucleoside triphosphate pyrophosph

gi|316658919|ref|NM\_001143833.3| Homo sapiens IQ motif containing F6 (IQCF6), mRNA;

gi|316658932|ref|NM\_021963.3| Homo sapiens nucleosome assembly protein 1-like 2 (NAP1L2), mRNA;

gi|316659209|ref|NM\_004540.3| Homo sapiens neural cell adhesion molecule 2 (NCAM2), mRNA;

gi|316659406|ref|NM\_002489.3| Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4,

gi|316659407|ref|NM\_001614.3| Homo sapiens actin, gamma 1 (ACTG1), transcript variant 2, mRNA; gi|31

gi|316659417|ref|NM\_002492.3| Homo sapiens NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 5,

gi|316660986|ref|NM\_004924.4| Homo sapiens actinin, alpha 4 (ACTN4), mRNA;

gi|316983120|ref|NM\_024594.3| Homo sapiens pantothenate kinase 3 (PANK3), mRNA;

gi|316983125|ref|NM\_001199972.1| Homo sapiens ribosomal protein L36a (RPL36A), transcript variant 2, r

gi|316983127|ref|NM\_019597.4| Homo sapiens heterogeneous nuclear ribonucleoprotein H2 (H') (HNRNP

gi|316983129|ref|NM\_001199973.1| Homo sapiens RPL36A-HNRNP H2 readthrough (RPL36A-HNRNP H2), tr

gi|316983134|ref|NM\_004146.5| Homo sapiens NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 7,

gi|316983148|ref|NM\_145720.3| Homo sapiens tigger transposable element derived 4 (TIGD4), mRNA;

gi|316983153|ref|NM\_001199981.1| Homo sapiens NADH dehydrogenase (ubiquinone) Fe-S protein 1, 75k

gi|316983170|ref|NM\_001199987.1| Homo sapiens NADH dehydrogenase (ubiquinone) 1 beta subcomplex

gi|317008575|ref|NM\_020426.2| Homo sapiens lysozyme-like 6 (LYZL6), transcript variant 2, mRNA; gi|317

gi|317008579|ref|NM\_005761.2| Homo sapiens plexin C1 (PLXNC1), transcript variant 1, mRNA; gi|317008

gi|317008580|ref|NM\_020633.3| Homo sapiens vomeronasal 1 receptor 1 (VN1R1), mRNA;

gi|317008581|ref|NM\_001199989.1| Homo sapiens RAS, dexamethasone-induced 1 (RASD1), transcript var

gi|317008590|ref|NM\_002509.3| Homo sapiens NK2 homeobox 2 (NKX2-2), mRNA;

gi|317008610|ref|NM\_001200001.1| Homo sapiens notch 2 (NOTCH2), transcript variant 2, mRNA; gi|3170

gi|317008621|ref|NM\_004560.3| Homo sapiens receptor tyrosine kinase-like orphan receptor 2 (ROR2), m

gi|317008624|ref|NM\_006183.4| Homo sapiens neurotensin (NTS), mRNA;

gi|317008625|ref|NM\_020530.4| Homo sapiens oncostatin M (OSM), mRNA;

gi|317108133|ref|NM\_001044264.2| Homo sapiens microseminoprotein, prostate associated (MSMP), m

gi|317108143|ref|NM\_001109689.3| Homo sapiens zinc finger protein 250 (ZNF250), transcript variant 2, n

gi|317108146|ref|NM\_007235.4| Homo sapiens exportin, tRNA (nuclear export receptor for tRNAs) (XPOT),

gi|317108147|ref|NM\_002532.4| Homo sapiens nucleoporin 88kDa (NUP88), mRNA;

gi|317108150|ref|NM\_017437.2| Homo sapiens cleavage and polyadenylation specific factor 2, 100kDa (CP

gi|317108154|ref|NM\_006571.3| Homo sapiens dynactin 6 (DCTN6), mRNA;

gi|317108158|ref|NM\_182647.2| Homo sapiens opiate receptor-like 1 (OPRL1), transcript variant 1, mRNA;

gi|317108181|ref|NM\_005157.4| Homo sapiens c-abl oncogene 1, non-receptor tyrosine kinase (ABL1), tra

gi|317108182|ref|NM\_001177.4| Homo sapiens ADP-ribosylation factor-like 1 (ARL1), mRNA;

gi|317108183|ref|NM\_004311.3| Homo sapiens ADP-ribosylation factor-like 3 (ARL3), mRNA;

gi|317108190|ref|NM\_001199943.1| Homo sapiens SH3-domain GRB2-like 1 (SH3GL1), transcript variant 2,

gi|317171905|ref|NM\_001199979.1| Homo sapiens phospholipid scramblase 2 (PLSCR2), transcript variant

gi|317171914|ref|NR\_037694.1| Homo sapiens DnaJ (Hsp40) homolog, subfamily B, member 3 pseudogene

gi|317171918|ref|NM\_000386.3| Homo sapiens bleomycin hydrolase (BLMH), mRNA;

gi|317171923|ref|NM\_004093.3| Homo sapiens ephrin-B2 (EFNB2), mRNA;

gi|317171925|ref|NM\_001982.3| Homo sapiens v-erb-b2 erythroblastic leukemia viral oncogene homolog 3

gi|31742480|ref|NM\_139323.2| Homo sapiens tyrosine 3-monooxygenase/tryptophan 5-monooxygenase a

gi|31742483|ref|NM\_015608.2| Homo sapiens chromosome 10 open reading frame 137 (C10orf137), trans

gi|31742495|ref|NM\_181581.1| Homo sapiens dihydrouridine synthase 4-like (*S. cerevisiae*) (DUS4L), mRN

gi|31742502|ref|NM\_021059.2| Homo sapiens histone cluster 2, H3c (HIST2H3C), mRNA;

gi|31742504|ref|NM\_015078.2| Homo sapiens MCF.2 cell line derived transforming sequence-like 2 (MCF2

gi|31742507|ref|NM\_181597.1| Homo sapiens uridine phosphorylase 1 (UPP1), transcript variant 2, mRNA;

gi|31747574|ref|NM\_013252.2| Homo sapiens C-type lectin domain family 5, member A (CLEC5A), mRNA;

gi|317575683|ref|NM\_006509.3| Homo sapiens v-rel reticuloendotheliosis viral oncogene homolog B (RELE

gi|31790997|ref|NM\_181623.1| Homo sapiens keratin associated protein 15-1 (KRTAP15-1), mRNA;

gi|31790999|ref|NM\_181624.1| Homo sapiens keratin associated protein 23-1 (KRTAP23-1), mRNA;

gi|31791001|ref|NM\_181622.1| Homo sapiens keratin associated protein 13-3 (KRTAP13-3), mRNA;

gi|31791003|ref|NM\_181600.1| Homo sapiens keratin associated protein 13-4 (KRTAP13-4), mRNA;

gi|31791009|ref|NM\_181619.1| Homo sapiens keratin associated protein 21-1 (KRTAP21-1), mRNA;

gi|31791011|ref|NM\_181620.1| Homo sapiens keratin associated protein 22-1 (KRTAP22-1), mRNA;

gi|31791013|ref|NM\_181616.1| Homo sapiens keratin associated protein 20-2 (KRTAP20-2), mRNA;

gi|31791015|ref|NM\_181617.1| Homo sapiens keratin associated protein 21-2 (KRTAP21-2), mRNA;

gi|31791017|ref|NM\_181614.1| Homo sapiens keratin associated protein 19-7 (KRTAP19-7), mRNA;

gi|31791019|ref|NM\_181615.1| Homo sapiens keratin associated protein 20-1 (KRTAP20-1), mRNA;

gi|31791021|ref|NM\_181611.1| Homo sapiens keratin associated protein 19-5 (KRTAP19-5), mRNA;

gi|31791027|ref|NM\_181610.1| Homo sapiens keratin associated protein 19-4 (KRTAP19-4), mRNA;

gi|31791029|ref|NM\_181607.1| Homo sapiens keratin associated protein 19-1 (KRTAP19-1), mRNA;

gi|31791031|ref|NM\_181608.1| Homo sapiens keratin associated protein 19-2 (KRTAP19-2), mRNA;

gi|31791037|ref|NM\_181602.1| Homo sapiens keratin associated protein 6-1 (KRTAP6-1), mRNA;

gi|31791039|ref|NM\_181604.1| Homo sapiens keratin associated protein 6-2 (KRTAP6-2), mRNA;

gi|31795534|ref|NM\_004914.2| Homo sapiens RAB36, member RAS oncogene family (RAB36), mRNA;

gi|31795542|ref|NM\_004124.2| Homo sapiens glia maturation factor, beta (GMFB), mRNA;

gi|31795545|ref|NM\_012450.2| Homo sapiens solute carrier family 13 (sodium/sulfate symporters), memb

gi|318037198|ref|NM\_183044.2| Homo sapiens ring finger protein (C3H2C3 type) 6 (RNF6), transcript varia

gi|318037206|ref|NM\_001201326.1| Homo sapiens PDZ domain containing 1 (PDZK1), transcript variant 3,

gi|318037212|ref|NM\_024607.3| Homo sapiens protein phosphatase 1, regulatory subunit 3B (PPP1R3B), t

gi|318037226|ref|NM\_002999.3| Homo sapiens syndecan 4 (SDC4), mRNA;

gi|318037251|ref|NM\_003251.3| Homo sapiens thyroid hormone responsive (THRSP), mRNA;

gi|318037384|ref|NM\_012191.3| Homo sapiens N-acetyltransferase 6 (GCN5-related) (NAT6), transcript va

gi|318037435|ref|NM\_003549.3| Homo sapiens hyaluronoglucosaminidase 3 (HYAL3), transcript variant 1,

gi|318037482|ref|NM\_032726.3| Homo sapiens phospholipase C, delta 4 (PLCD4), mRNA;

gi|318037580|ref|NM\_001190807.2| Homo sapiens cytochrome b5 type A (microsomal) (CYB5A), transcript variant 1, mRNA;

gi|318037587|ref|NM\_002615.5| Homo sapiens serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, pig), mRNA;

gi|318037598|ref|NM\_000927.4| Homo sapiens ATP-binding cassette, sub-family B (MDR/TAP), member 1 (ABCB1), mRNA;

gi|318037601|ref|NM\_002659.3| Homo sapiens plasminogen activator, urokinase receptor (PLAUR), transcript variant 1, mRNA;

gi|318037612|ref|NM\_030769.2| Homo sapiens N-acetylneuraminate pyruvate lyase (dihydrodipicolinate synthase) (NANP), mRNA;

gi|318055756|ref|NR\_027155.2| Homo sapiens smg-1 homolog, phosphatidylinositol 3-kinase-related kinase (SMG1), mRNA;

gi|318064846|ref|NM\_001136506.2| Homo sapiens solute carrier family 22, member 24 (SLC22A24), mRNA;

gi|318065088|ref|NM\_018226.4| Homo sapiens arginyl aminopeptidase (aminopeptidase B)-like 1 (RNPEPL1), mRNA;

gi|318065125|ref|NR\_037701.1| Homo sapiens DKFZp434H1419 (PKI55), non-coding RNA;

gi|318067953|ref|NM\_006068.4| Homo sapiens toll-like receptor 6 (TLR6), mRNA;

gi|318067957|ref|NM\_138730.2| Homo sapiens high mobility group nucleosomal binding domain 3 (HMGN3), mRNA;

gi|318067970|ref|NM\_004290.4| Homo sapiens ring finger protein 14 (RNF14), transcript variant 1, mRNA;

gi|318068038|ref|NM\_001200047.1| Homo sapiens nicotinamide nucleotide adenylyltransferase 3 (NMNAT3), mRNA;

gi|318068040|ref|NM\_002107.4| Homo sapiens H3 histone, family 3A (H3F3A), mRNA;

gi|318068057|ref|NM\_006928.4| Homo sapiens premelanosome protein (PMEL), transcript variant 3, mRNA;

gi|318083360|ref|NM\_001201334.1| Homo sapiens GC-rich sequence DNA-binding factor 2 (GCFC2), transcript variant 1, mRNA;

gi|31880782|ref|NM\_015946.4| Homo sapiens pelota homolog (Drosophila) (PELO), mRNA;

gi|31881681|ref|NM\_002916.3| Homo sapiens replication factor C (activator 1) 4, 37kDa (RFC4), transcript variant 1, mRNA;

gi|31881739|ref|NM\_020246.2| Homo sapiens solute carrier family 12 (potassium/chloride transporters), member 12 (SLC12A12), mRNA;

gi|318984124|ref|NM\_001201366.1| Homo sapiens dynein, axonemal, light chain 1 (DNAL1), transcript variant 1, mRNA;

gi|319004943|ref|NR\_037702.1| Homo sapiens ring finger protein 7 (RNF7), transcript variant 5, non-coding RNA;

gi|319011581|ref|NM\_002288.4| Homo sapiens leukocyte-associated immunoglobulin-like receptor 2 (LAIR2), mRNA;

gi|319024045|ref|NM\_198597.2| Homo sapiens SEC24 family, member C (S. cerevisiae) (SEC24C), transcript variant 1, mRNA;

gi|319067233|ref|NM\_001077471.2| Homo sapiens nuclear receptor subfamily 1, group I, member 3 (NR1H3), mRNA;

gi|319082520|ref|NM\_005478.4| Homo sapiens insulin-like 5 (INSL5), mRNA;

gi|319084482|ref|NM\_001201380.1| Homo sapiens contactin associated protein-like 3B (CNTNAP3B), mRNA;

gi|319211900|ref|NM\_000909.5| Homo sapiens neuropeptide Y receptor Y1 (NPY1R), mRNA;

gi|319528536|ref|NM\_201544.2| Homo sapiens lectin, galactoside-binding, soluble, 8 (LGALS8), transcript variant 1, mRNA;

gi|319655548|ref|NM\_001197216.2| Homo sapiens asialoglycoprotein receptor 1 (ASGR1), transcript variant 1, mRNA;

gi|319655554|ref|NM\_080914.2| Homo sapiens asialoglycoprotein receptor 2 (ASGR2), transcript variant 3, mRNA;

gi|319655557|ref|NM\_001201372.1| Homo sapiens coiled-coil domain containing 136 (CCDC136), transcript variant 1, mRNA;

gi|319655695|ref|NM\_001122659.2| Homo sapiens endothelin receptor type B (EDNRB), transcript variant 1, mRNA;

gi|319655716|ref|NM\_001201401.1| Homo sapiens galactosylceramidase (GALC), transcript variant 3, mRNA;

gi|319655724|ref|NM\_033630.2| Homo sapiens SCAN domain containing 1 (SCAND1), transcript variant 2, mRNA;

gi|319655726|ref|NM\_006990.3| Homo sapiens WAS protein family, member 2 (WASF2), transcript variant 1, mRNA;

gi|319655736|ref|NM\_000551.3| Homo sapiens von Hippel-Lindau tumor suppressor, E3 ubiquitin protein ligase 1 (VHL), mRNA;

gi|319655753|ref|NR\_037705.1| Homo sapiens zinc finger protein 778 (ZNF778), transcript variant 3, non-coding RNA;

gi|319655770|ref|NM\_006575.4| Homo sapiens mitogen-activated protein kinase kinase kinase 5 (MAP3K5), mRNA;

gi|319655771|ref|NM\_007193.4| Homo sapiens annexin A10 (ANXA10), mRNA;

gi|319738595|ref|NM\_015124.3| Homo sapiens GRAM domain containing 4 (GRAMD4), mRNA;

gi|319738615|ref|NM\_001201427.1| Homo sapiens dishevelled associated activator of morphogenesis 2 (DAP1), mRNA;

gi|319738637|ref|NM\_015496.4| Homo sapiens KIAA1429 (KIAA1429), transcript variant 1, mRNA;

gi|319738644|ref|NM\_012168.5| Homo sapiens F-box protein 2 (FBXO2), mRNA;

gi|319738657|ref|NM\_001769.3| Homo sapiens CD9 molecule (CD9), mRNA;

gi|319803018|ref|NM\_015530.4| Homo sapiens golgi reassembly stacking protein 2, 55kDa (GORASP2), transcript variant 1, mRNA;

gi|319803021|ref|NM\_004304.4| Homo sapiens anaplastic lymphoma receptor tyrosine kinase (ALK), mRNA;

gi|319803059|ref|NM\_152414.4| Homo sapiens basic helix-loop-helix family, member e22 (BHLHE22), mRNA

gi|319803064|ref|NM\_015902.5| Homo sapiens ubiquitin protein ligase E3 component n-recognin 5 (UBR5)

gi|319803070|ref|NM\_004990.3| Homo sapiens methionyl-tRNA synthetase (MARS), mRNA;

gi|319803087|ref|NM\_153033.4| Homo sapiens potassium channel tetramerisation domain containing 7 (K

gi|319803089|ref|NM\_207116.2| Homo sapiens ring finger protein 216 (RNF216), transcript variant 2, mRNA

gi|319803096|ref|NM\_001201451.1| Homo sapiens putative uncharacterized protein FLJ42280 (FLJ42280),

gi|319803107|ref|NM\_032556.5| Homo sapiens interleukin 1 family, member 10 (theta) (IL1F10), transcript

gi|319803116|ref|NM\_031272.4| Homo sapiens testis expressed 14 (TEX14), transcript variant 2, mRNA; gi|

gi|319803130|ref|NM\_001201461.1| Homo sapiens tweety homolog 1 (Drosophila) (TTYH1), transcript vari

gi|31982908|ref|NM\_032164.2| Homo sapiens zinc finger protein 394 (ZNF394), mRNA;

gi|31982913|ref|NM\_032118.2| Homo sapiens WD repeat domain 54 (WDR54), mRNA;

gi|319890245|ref|NM\_001201466.1| Homo sapiens rhophilin associated tail protein 1-like (ROPN1L), transcr

gi|319890247|ref|NM\_003256.3| Homo sapiens TIMP metalloproteinase inhibitor 4 (TIMP4), mRNA;

gi|319918834|ref|NM\_033272.3| Homo sapiens potassium voltage-gated channel, subfamily H (eag-related

gi|319918835|ref|NM\_138966.3| Homo sapiens neuropilin (NRP) and tolloid (TLL)-like 1 (NETO1), transcript

gi|319918843|ref|NM\_000387.5| Homo sapiens solute carrier family 25 (carnitine/acylcarnitine translocase

gi|319918848|ref|NM\_024761.4| Homo sapiens MOB kinase activator 3B (MOB3B), mRNA;

gi|319918853|ref|NM\_024535.4| Homo sapiens coronin 7 (CORO7), transcript variant 1, mRNA; gi|3199188

gi|319918860|ref|NM\_031446.4| Homo sapiens chromosome 18 open reading frame 21 (C18orf21), transcr

gi|319918867|ref|NM\_016069.9| Homo sapiens presequence translocase-associated motor 16 homolog (S.

gi|319918869|ref|NM\_031912.4| Homo sapiens synaptotagmin XV (SYT15), transcript variant a, mRNA; gi|4

gi|319918870|ref|NM\_001201478.1| Homo sapiens eukaryotic translation initiation factor 2D (EIF2D), trans

gi|319918872|ref|NM\_001201479.1| Homo sapiens CORO7-PAM16 readthrough (CORO7-PAM16), mRNA;

gi|319918876|ref|NM\_194286.3| Homo sapiens serine/arginine repetitive matrix 4 (SRRM4), mRNA;

gi|319918877|ref|NM\_001113324.2| Homo sapiens TEN1 telomerase capping complex subunit homolog (S.

gi|319918879|ref|NM\_032634.3| Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class O (P

gi|319918885|ref|NM\_033341.4| Homo sapiens baculoviral IAP repeat containing 8 (BIRC8), mRNA;

gi|319918886|ref|NR\_037709.1| Homo sapiens TEN1-CDK3 readthrough (TEN1-CDK3), non-coding RNA;

gi|319996598|ref|NM\_001201536.1| Homo sapiens TATA box binding protein (TBP)-associated factor, RNA

gi|319996602|ref|NM\_004042.4| Homo sapiens arylsulfatase F (ARSF), transcript variant 1, mRNA; gi|31999

gi|319996619|ref|NM\_001009998.3| Homo sapiens single stranded DNA binding protein 4 (SSBP4), transcri

gi|319996622|ref|NM\_001201545.1| Homo sapiens RNA binding motif protein 15 (RBM15), transcript varia

gi|319996625|ref|NM\_014855.2| Homo sapiens adaptor-related protein complex 5, zeta 1 subunit (AP5Z1),

gi|319996637|ref|NM\_181358.2| Homo sapiens homeodomain interacting protein kinase 1 (HIPK1), transcr

gi|319996640|ref|NM\_001201549.1| Homo sapiens solute carrier family 16, member 4 (monocarboxylic ac

gi|319996643|ref|NR\_001292.2| Homo sapiens small nucleolar RNA, C/D box 108 (SNORD108), small nuclea

gi|319996644|ref|NM\_001004067.3| Homo sapiens NODAL modulator 3 (NOMO3), mRNA;

gi|319996647|ref|NR\_037713.1| Homo sapiens ring finger and FYVE-like domain containing E3 ubiquitin prc

gi|319996651|ref|NM\_001201477.1| Homo sapiens neuropilin (NRP) and tolloid (TLL)-like 2 (NETO2), transcr

gi|319996654|ref|NM\_001201483.1| Homo sapiens enolase 1, (alpha) (ENO1), transcript variant 2, mRNA; ;

gi|319996740|ref|NM\_032523.3| Homo sapiens oxysterol binding protein-like 6 (OSBPL6), transcript varian

gi|319996748|ref|NM\_014214.2| Homo sapiens inositol(myo)-1(or 4)-monophosphatase 2 (IMPA2), mRNA;

gi|320089541|ref|NR\_037710.1| Homo sapiens family with sequence similarity 161, member A (FAM161A),

gi|320089543|ref|NM\_139062.2| Homo sapiens casein kinase 1, delta (CSNK1D), transcript variant 2, mRNA/

gi|320089561|ref|NR\_037714.1| Homo sapiens RAD51L3-RFFL readthrough (RAD51L3-RFFL), non-coding RN

gi|320089577|ref|NR\_037715.1| Homo sapiens ribonuclease, RNase K (RNASEK), transcript variant 2, non-c

gi|320089579|ref|NM\_015137.4| Homo sapiens EFR3 homolog A (S. cerevisiae) (EFR3A), mRNA;

gi|320089584|ref|NM\_001142798.2| Homo sapiens chromosome 17 open reading frame 49 (C17orf49), tra  
gi|320089591|ref|NM\_172198.2| Homo sapiens potassium voltage-gated channel, Shal-related subfamily, r  
gi|320089592|ref|NR\_037717.1| Homo sapiens RNASEK-C17orf49 readthrough (RNASEK-C17ORF49), non-c  
gi|320089598|ref|NM\_001005785.2| Homo sapiens deleted in azoospermia 2 (DAZ2), transcript variant 2, r  
gi|320118852|ref|NM\_017530.2| Homo sapiens zinc finger protein 821 (ZNF821), transcript variant 4, mRNA  
gi|320118863|ref|NM\_002669.3| Homo sapiens pleiotropic regulator 1 (PLRG1), transcript variant 1, mRNA  
gi|320118866|ref|NM\_015600.4| Homo sapiens abhydrolase domain containing 12 (ABHD12), transcript va  
gi|320118882|ref|NM\_001201574.1| Homo sapiens nucleotide binding protein-like (NUBPL), transcript vari  
gi|320118886|ref|NM\_001039349.2| Homo sapiens EGF containing fibulin-like extracellular matrix protein  
gi|320118887|ref|NM\_139053.2| Homo sapiens EPS8-like 3 (EPS8L3), transcript variant 1, mRNA; gi|320118  
gi|320118894|ref|NM\_152766.3| Homo sapiens chromosome 17 open reading frame 61 (C17orf61), mRNA  
gi|320118897|ref|NM\_001201575.1| Homo sapiens cathepsin L2 (CTSL2), transcript variant 2, mRNA; gi|32  
gi|320118910|ref|NM\_016938.4| Homo sapiens EGF containing fibulin-like extracellular matrix protein 2 (El  
gi|320118913|ref|NM\_012093.3| Homo sapiens adenylate kinase 5 (AK5), transcript variant 2, mRNA; gi|32  
gi|320118918|ref|NM\_032852.3| Homo sapiens ATG4 autophagy related 4 homolog C (S. cerevisiae) (ATG4  
gi|320118920|ref|NM\_020360.3| Homo sapiens phospholipid scramblase 3 (PLSCR3), transcript variant 1, n  
gi|320118923|ref|NR\_037719.1| Homo sapiens C17orf61-PLSCR3 readthrough (C17orf61-PLSCR3), non-cod  
gi|320118927|ref|NM\_001201529.1| Homo sapiens proprotein convertase subtilisin/kexin type 2 (PCSK2), t  
gi|320202925|ref|NM\_004206.3| Homo sapiens SEC22 vesicle trafficking protein homolog C (S. cerevisiae) (S  
gi|320202941|ref|NM\_001201583.1| Homo sapiens ankyrin repeat and SOCS box containing 11 (ASB11), tra  
gi|320202946|ref|NM\_016115.4| Homo sapiens ankyrin repeat and SOCS box containing 3 (ASB3), transcrip  
gi|320202953|ref|NM\_002135.4| Homo sapiens nuclear receptor subfamily 4, group A, member 1 (NR4A1),  
gi|320202960|ref|NM\_177999.2| Homo sapiens ankyrin repeat and SOCS box containing 6 (ASB6), transcrip  
gi|320202963|ref|NM\_001202404.1| Homo sapiens aldehyde dehydrogenase 7 family, member A1 (ALDH7  
gi|320202965|ref|NM\_002370.3| Homo sapiens mago-nashi homolog, proliferation-associated (Drosophila)  
gi|320202968|ref|NM\_001202406.1| Homo sapiens zinc finger protein 559 (ZNF559), transcript variant 1, n  
gi|320203002|ref|NM\_001172650.2| Homo sapiens ZNF559-ZNF177 readthrough (ZNF559-ZNF177), transci  
gi|320461536|ref|NM\_001202449.1| Homo sapiens adenosine kinase (ADK), transcript variant 3, mRNA; gi|  
gi|320461542|ref|NM\_001080464.2| Homo sapiens asparaginase homolog (S. cerevisiae) (ASPG), mRNA;  
gi|320461552|ref|NM\_001031665.2| Homo sapiens zinc finger protein 816 (ZNF816), transcript variant 1, n  
gi|320461679|ref|NM\_153326.2| Homo sapiens aldo-keto reductase family 1, member A1 (aldehyde reduct  
gi|320461688|ref|NM\_130388.3| Homo sapiens ankyrin repeat and SOCS box containing 12 (ASB12), mRNA  
gi|320461704|ref|NM\_020251.3| Homo sapiens arrestin, beta 1 (ARRB1), transcript variant 2, mRNA; gi|32  
gi|320461708|ref|NM\_181696.2| Homo sapiens peroxiredoxin 1 (PRDX1), transcript variant 2, mRNA; gi|32  
gi|320461720|ref|NM\_001040436.2| Homo sapiens tyrosyl-tRNA synthetase 2, mitochondrial (YARS2), nucl  
gi|320461727|ref|NM\_001080449.2| Homo sapiens DNA replication helicase 2 homolog (yeast) (DNA2), mF  
gi|320461731|ref|NM\_001202439.1| Homo sapiens B7 homolog 6 (B7H6), mRNA;  
gi|321116986|ref|NM\_014053.3| Homo sapiens feline leukemia virus subgroup C cellular receptor 1 (FLVCR  
gi|321117021|ref|NM\_001202464.1| Homo sapiens zinc finger, MYND-type containing 11 (ZMYND11), tran  
gi|321117141|ref|NM\_001202473.1| Homo sapiens ZNF816-ZNF321P readthrough (ZNF816-ZNF321P), mRI  
gi|321117149|ref|NM\_001202474.1| Homo sapiens progesterone receptor (PGR), transcript variant 1, mRN  
gi|321117159|ref|NM\_001883.4| Homo sapiens corticotropin releasing hormone receptor 2 (CRHR2), trans  
gi|321117162|ref|NM\_003341.4| Homo sapiens ubiquitin-conjugating enzyme E2E 1 (UBE2E1), transcript v  
gi|321117266|ref|NM\_001202485.1| Homo sapiens HSPE1-MOB4 readthrough (HSPE1-MOB4), mRNA;  
gi|321117277|ref|NM\_182688.2| Homo sapiens ubiquitin-conjugating enzyme E2G 2 (UBE2G2), transcript v  
gi|321117513|ref|NM\_001202429.1| Homo sapiens ankyrin repeat and SOCS box containing 2 (ASB2), trans  
gi|321267470|ref|NM\_001201339.1| Homo sapiens scaffold attachment factor B (SAFB), transcript variant :

gi|321267476|ref|NM\_001202469.1| Homo sapiens glioblastoma amplified sequence (GBAS), nuclear gene

gi|321267499|ref|NM\_001202498.1| Homo sapiens ubiquitin-conjugating enzyme E2H (UBE2H), transcript

gi|321267507|ref|NM\_003634.3| Homo sapiens nipsnap homolog 1 (C. elegans) (NIPSNAP1), transcript vari

gi|321267519|ref|NM\_004715.4| Homo sapiens CTD (carboxy-terminal domain, RNA polymerase II, polypep

gi|321267559|ref|NM\_001162435.2| Homo sapiens uncharacterized LOC100287718 (LOC100287718), mRNA

gi|321267565|ref|NM\_001127184.2| Homo sapiens CASP8 and FADD-like apoptosis regulator (CFLAR), tran

gi|321267601|ref|NM\_170601.4| Homo sapiens sialic acid acetyltransferase (SIAE), transcript variant 1, mRNA

gi|321273954|ref|NM\_006684.4| Homo sapiens complement factor H-related 4 (CFHR4), transcript variant

gi|32129208|ref|NM\_021183.3| Homo sapiens RAP2C, member of RAS oncogene family (RAP2C), mRNA;

gi|32129211|ref|NM\_017810.2| Homo sapiens zinc finger protein 434 (ZNF434), mRNA;

gi|32129213|ref|NM\_019065.2| Homo sapiens N-terminal EF-hand calcium binding protein 2 (NECAB2), mR

gi|32130531|ref|NM\_138460.2| Homo sapiens CKLF-like MARVEL transmembrane domain containing 5 (CN

gi|32130534|ref|NM\_017801.2| Homo sapiens CKLF-like MARVEL transmembrane domain containing 6 (CN

gi|32130535|ref|NM\_178868.3| Homo sapiens CKLF-like MARVEL transmembrane domain containing 8 (CN

gi|32130539|ref|NM\_012395.2| Homo sapiens cyclin-dependent kinase 14 (CDK14), mRNA;

gi|321400047|ref|NR\_037771.1| Homo sapiens SEC23 interacting protein (SEC23IP), transcript variant 2, no

gi|321400050|ref|NM\_001202513.1| Homo sapiens MAX dimerization protein 1 (MXD1), transcript variant

gi|321400110|ref|NM\_181500.2| Homo sapiens cut-like homeobox 1 (CUX1), transcript variant 3, mRNA; gi

gi|321400123|ref|NM\_182552.4| Homo sapiens WD repeat domain 27 (WDR27), transcript variant 1, mRN

gi|321400129|ref|NM\_001129895.2| Homo sapiens uncharacterized LOC100128124 (HGC6.3), mRNA;

gi|321400132|ref|NM\_001202553.1| Homo sapiens melanoma inhibitory activity (MIA), transcript variant 2

gi|321400136|ref|NM\_016154.4| Homo sapiens RAB4B, member RAS oncogene family (RAB4B), mRNA;

gi|321400143|ref|NM\_001202558.1| Homo sapiens CHURC1-FNTB readthrough (CHURC1-FNTB), transcript

gi|321400147|ref|NR\_037775.1| Homo sapiens MIA-RAB4B readthrough (MIA-RAB4B), non-coding RNA;

gi|321400153|ref|NM\_080732.3| Homo sapiens egl nine homolog 2 (C. elegans) (EGLN2), transcript variant

gi|321400155|ref|NR\_037791.1| Homo sapiens RAB4B-EGLN2 readthrough (RAB4B-EGLN2), non-coding RN

gi|32140179|ref|NM\_181686.1| Homo sapiens keratin associated protein 12-1 (KRTAP12-1), mRNA;

gi|32140181|ref|NM\_181688.1| Homo sapiens keratin associated protein 10-10 (KRTAP10-10), mRNA;

gi|32140759|ref|NM\_032888.2| Homo sapiens collagen, type XXVII, alpha 1 (COL27A1), mRNA;

gi|32171193|ref|NM\_181727.1| Homo sapiens spermatogenesis associated 12 (SPATA12), mRNA;

gi|32171253|ref|NM\_018273.2| Homo sapiens transmembrane protein 143 (TMEM143), mRNA;

gi|32189397|ref|NM\_005142.2| Homo sapiens gastric intrinsic factor (vitamin B synthesis) (GIF), mRNA;

gi|32189424|ref|NM\_178821.1| Homo sapiens WD repeat domain 69 (WDR69), mRNA;

gi|322302699|ref|NM\_001202858.1| Homo sapiens extracellular matrix protein 1 (ECM1), transcript varian

gi|322302838|ref|NM\_006703.3| Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif

gi|322302952|ref|NM\_001203244.1| Homo sapiens sema domain, immunoglobulin domain (Ig), transmem

gi|322302979|ref|NM\_001202470.2| Homo sapiens RPS10-NUDT3 readthrough (RPS10-NUDT3), mRNA;

gi|322303055|ref|NM\_001014.4| Homo sapiens ribosomal protein S10 (RPS10), transcript variant 2, mRNA;

gi|322303371|ref|NR\_037801.1| Homo sapiens zinc finger protein 625 (ZNF625), transcript variant 2, non-c

gi|322303716|ref|NM\_021143.3| Homo sapiens zinc finger protein 20 (ZNF20), transcript variant 1, mRNA;

gi|322303763|ref|NR\_037802.1| Homo sapiens ZNF625-ZNF20 readthrough (ZNF625-ZNF20), non-coding RI

gi|322309226|ref|NR\_037774.1| Homo sapiens signal transducing adaptor molecule (SH3 domain and ITAM

gi|322309864|ref|NM\_001202554.1| Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class \

gi|322310373|ref|NM\_024747.5| Homo sapiens Hermansky-Pudlak syndrome 6 (HPS6), mRNA;

gi|322506094|ref|NM\_152998.2| Homo sapiens enhancer of zeste homolog 2 (Drosophila) (EZH2), transcrip

gi|322506104|ref|NM\_153240.4| Homo sapiens nephronophthisis 3 (adolescent) (NPHP3), mRNA;

gi|322506107|ref|NR\_037803.1| Homo sapiens BACE1 antisense RNA (non-protein coding) (BACE1-AS), anti

gi|322506109|ref|NR\_037804.1| Homo sapiens NPHP3-ACAD11 readthrough (NPHP3-ACAD11), non-coding  
 gi|32261325|ref|NM\_017990.3| Homo sapiens pyruvate dehydrogenase phosphatase regulatory subunit (P  
 gi|322812148|ref|NM\_015910.5| Homo sapiens WD repeat containing planar cell polarity effector (WDPCP  
 gi|322812160|ref|NM\_015832.4| Homo sapiens methyl-CpG binding domain protein 2 (MBD2), transcript v  
 gi|322812161|ref|NR\_037805.1| Homo sapiens zinc finger protein 321, pseudogene (ZNF321P), non-coding  
 gi|322812173|ref|NR\_037807.1| Homo sapiens interleukin 17 receptor C (IL17RC), transcript variant 7, non-  
 gi|322812174|ref|NR\_037808.1| Homo sapiens uncharacterized LOC150935 (LOC150935), non-coding RNA,  
 gi|322812179|ref|NM\_138275.2| Homo sapiens chromosome 6 open reading frame 25 (C6orf25), transcrip  
 gi|322960990|ref|NM\_017460.5| Homo sapiens cytochrome P450, family 3, subfamily A, polypeptide 4 (CY  
 gi|32306518|ref|NM\_031492.2| Homo sapiens RNA binding motif protein 4B (RBM4B), mRNA;  
 gi|32306538|ref|NM\_016500.3| Homo sapiens chromosome X open reading frame 26 (CXorf26), mRNA;  
 gi|32307108|ref|NM\_080614.1| Homo sapiens WAP four-disulfide core domain 3 (WFDC3), mRNA;  
 gi|32307134|ref|NM\_005386.2| Homo sapiens neuronatin (NNAT), transcript variant 1, mRNA; gi|3230713:  
 gi|32307139|ref|NM\_012417.2| Homo sapiens phosphatidylinositol transfer protein, cytoplasmic 1 (PITPNC  
 gi|32307151|ref|NM\_000916.3| Homo sapiens oxytocin receptor (OXTR), mRNA;  
 gi|32307160|ref|NM\_003592.2| Homo sapiens cullin 1 (CUL1), mRNA;  
 gi|32307173|ref|NM\_006801.2| Homo sapiens KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein reter  
 gi|32307174|ref|NM\_033426.2| Homo sapiens KIAA1737 (KIAA1737), mRNA;  
 gi|32307179|ref|NM\_016139.2| Homo sapiens coiled-coil-helix-coiled-coil-helix domain containing 2 (CHCH  
 gi|323098322|ref|NM\_005624.3| Homo sapiens chemokine (C-C motif) ligand 25 (CCL25), transcript variant  
 gi|323098328|ref|NM\_172175.2| Homo sapiens interleukin 15 (IL15), transcript variant 2, mRNA; gi|32309:  
 gi|323098331|ref|NM\_001204051.1| Homo sapiens solute carrier family 25, member 27 (SLC25A27), nucle:  
 gi|323098343|ref|NM\_173044.2| Homo sapiens interleukin 18 binding protein (IL18BP), transcript variant C  
 gi|323098345|ref|NR\_037845.1| Homo sapiens uncharacterized LOC100506023 (LOC100506023), non-codi  
 gi|32313586|ref|NM\_016593.3| Homo sapiens cytochrome P450, family 39, subfamily A, polypeptide 1 (CY  
 gi|323146902|ref|NM\_001005375.2| Homo sapiens deleted in azoospermia 4 (DAZ4), transcript variant 1, r  
 gi|323148022|ref|NM\_020364.3| Homo sapiens deleted in azoospermia 3 (DAZ3), mRNA;  
 gi|323276585|ref|NM\_001203261.1| Homo sapiens NDUFC2-KCTD14 readthrough (NDUFC2-KCTD14), tran:  
 gi|323276587|ref|NR\_037806.1| Homo sapiens NPPA antisense RNA 1 (non-protein coding) (NPPA-AS1), an  
 gi|323276590|ref|NR\_037809.1| Homo sapiens uncharacterized LOC151171 (LOC151171), non-coding RNA,  
 gi|323276598|ref|NR\_037839.1| Homo sapiens carboxylesterase 5A pseudogene 1 (CE5AP1), non-coding F  
 gi|323276600|ref|NR\_037842.1| Homo sapiens long intergenic non-protein coding RNA 102 (LINC00102), n  
 gi|323276602|ref|NM\_001204054.1| Homo sapiens NADH dehydrogenase (ubiquinone) 1, subcomplex unk  
 gi|323276605|ref|NR\_037844.1| Homo sapiens uncharacterized LOC100133445 (LOC100133445), non-codi  
 gi|323276613|ref|NM\_012071.3| Homo sapiens COMM domain containing 3 (COMMD3), mRNA;  
 gi|323276615|ref|NM\_001204062.1| Homo sapiens COMMD3-BMI1 readthrough (COMMD3-BMI1), mRNA  
 gi|323276617|ref|NM\_012477.3| Homo sapiens WW domain binding protein 1 (WBP1), mRNA;  
 gi|323276619|ref|NM\_145165.3| Homo sapiens churchill domain containing 1 (CHURC1), transcript variant  
 gi|323276625|ref|NR\_037846.1| Homo sapiens MSH5-SAPCD1 readthrough (non-protein coding) (MSH5-SA  
 gi|323276628|ref|NM\_181670.3| Homo sapiens ankyrin repeat and sterile alpha motif domain containing 1  
 gi|323276639|ref|NR\_037847.1| Homo sapiens uncharacterized LOC100506730 (LOC100506730), non-codi  
 gi|323276648|ref|NM\_031288.3| Homo sapiens INO80 complex subunit B (INO80B), mRNA;  
 gi|323276649|ref|NM\_007044.3| Homo sapiens katanin p60 (ATPase containing) subunit A 1 (KATNA1), tra  
 gi|323276654|ref|NM\_001204078.1| Homo sapiens ATPase, H<sup>+</sup> transporting, lysosomal 13kDa, V1 subunit  
 gi|323276666|ref|NR\_033758.2| Homo sapiens mitochondrial inner membrane organizing system 1 (MINO:  
 gi|323276680|ref|NM\_002249.5| Homo sapiens potassium intermediate/small conductance calcium-activa  
 gi|323276684|ref|NR\_037849.1| Homo sapiens INO80B-WBP1 readthrough (INO80B-WBP1), transcript vari

gi|323276685|ref|NM\_001204088.1| Homo sapiens C1orf151-NBL1 readthrough (C1orf151-NBL1), transcript variant 1, mRNA;

gi|323276691|ref|NM\_001204090.1| Homo sapiens COX16 cytochrome c oxidase assembly homolog (S. cerevisiae), transcript variant 1, mRNA;

gi|323276693|ref|NR\_037850.1| Homo sapiens PROX1 antisense RNA 1 (non-protein coding) (PROX1-AS1), transcript variant 1, mRNA;

gi|323276694|ref|NM\_001202547.2| Homo sapiens SYNJ2BP-COX16 readthrough (SYNJ2BP-COX16), transcript variant 1, mRNA;

gi|323276697|ref|NM\_053050.4| Homo sapiens mitochondrial ribosomal protein L53 (MRPL53), nuclear gene, transcript variant 1, mRNA;

gi|323276701|ref|NR\_037851.1| Homo sapiens uncharacterized LOC100505918 (LOC100505918), non-coding RNA;

gi|323276703|ref|NM\_080598.5| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 39B (DDX39B), transcript variant 1, mRNA;

gi|323276705|ref|NR\_037853.1| Homo sapiens ATP6V1G2-DDX39B readthrough (non-protein coding) (ATP6V1G2-DDX39B), transcript variant 1, mRNA;

gi|323362943|ref|NM\_138717.2| Homo sapiens palmitoyl-protein thioesterase 2 (PPT2), transcript variant 1, mRNA;

gi|323362958|ref|NM\_001204106.1| Homo sapiens BCL2-like 11 (apoptosis facilitator) (BCL2L11), transcript variant 1, mRNA;

gi|323362974|ref|NM\_030652.3| Homo sapiens EGF-like-domain, multiple 8 (EGFL8), transcript variant 1, non-coding RNA;

gi|323362976|ref|NR\_037861.1| Homo sapiens PPT2-EGFL8 readthrough (PPT2-EGFL8), non-coding RNA;

gi|323362981|ref|NM\_004788.3| Homo sapiens ubiquitination factor E4A (UBE4A), transcript variant 1, mRNA;

gi|323362986|ref|NM\_001083625.2| Homo sapiens ankyrin repeat domain 12 (ANKRD12), transcript variant 1, mRNA;

gi|323362996|ref|NM\_015387.4| Homo sapiens MOB family member 4, phocein (MOB4), transcript variant 1, mRNA;

gi|323363000|ref|NM\_001040138.2| Homo sapiens chemokine-like factor (CKLF), transcript variant 5, mRNA;

gi|323363002|ref|NR\_037856.1| Homo sapiens uncharacterized LOC254128 (LOC254128), transcript variant 1, mRNA;

gi|323363007|ref|NM\_001204099.1| Homo sapiens CKLF-CMTM1 readthrough (CKLF-CMTM1), transcript variant 1, mRNA;

gi|323363013|ref|NM\_003662.3| Homo sapiens pirin (iron-binding nuclear protein) (PIR), transcript variant 1, mRNA;

gi|323422857|ref|NM\_001565.3| Homo sapiens chemokine (C-X-C motif) ligand 10 (CXCL10), mRNA;

gi|323422926|ref|NM\_207390.3| Homo sapiens C-type lectin domain family 17, member A (CLEC17A), transcript variant 1, mRNA;

gi|323422987|ref|NM\_001204127.1| Homo sapiens lymphoid-restricted membrane protein (LRMP), transcript variant 1, mRNA;

gi|323423015|ref|NR\_037863.1| Homo sapiens uncharacterized LOC285484 (LOC285484), non-coding RNA;

gi|323423022|ref|NM\_006794.3| Homo sapiens G protein-coupled receptor 75 (GPR75), mRNA;

gi|323423023|ref|NR\_037864.1| Homo sapiens uncharacterized LOC100287722 (LOC100287722), non-coding RNA;

gi|323423027|ref|NR\_037866.1| Homo sapiens uncharacterized LOC641365 (LOC641365), non-coding RNA;

gi|323423056|ref|NM\_001204146.1| Homo sapiens histone deacetylase 9 (HDAC9), transcript variant 8, mRNA;

gi|323462145|ref|NR\_037862.1| Homo sapiens small nuclear ribonucleoprotein 27kDa (U4/U6.U5) (SNRNP27), transcript variant 1, mRNA;

gi|323462146|ref|NM\_001204136.1| Homo sapiens methyl-CpG binding domain protein 1 (MBD1), transcript variant 1, mRNA;

gi|323462164|ref|NM\_004469.4| Homo sapiens c-fos induced growth factor (vascular endothelial growth factor) (FGF1), transcript variant 1, mRNA;

gi|323462165|ref|NR\_037859.2| Homo sapiens PIR-FIGF readthrough (PIR-FIGF), non-coding RNA;

gi|323462166|ref|NM\_005380.6| Homo sapiens neuroblastoma, suppression of tumorigenicity 1 (NBL1), transcript variant 1, mRNA;

gi|323462173|ref|NR\_037867.1| Homo sapiens uncharacterized LOC731424 (LOC731424), non-coding RNA;

gi|323462179|ref|NM\_005180.8| Homo sapiens BMI1 polycomb ring finger oncogene (BMI1), mRNA;

gi|323462191|ref|NR\_037868.1| Homo sapiens uncharacterized LOC100507178 (LOC100507178), non-coding RNA;

gi|323462195|ref|NR\_037869.1| Homo sapiens uncharacterized LOC653160 (LOC653160), non-coding RNA;

gi|323462197|ref|NM\_001444.2| Homo sapiens fatty acid binding protein 5 (psoriasis-associated) (FABP5), transcript variant 1, mRNA;

gi|323462204|ref|NR\_037870.1| Homo sapiens uncharacterized LOC100131825 (LOC100131825), non-coding RNA;

gi|323510627|ref|NM\_001033578.2| Homo sapiens serum/glucocorticoid regulated kinase family, member 1 (SGK3), transcript variant 1, mRNA;

gi|323510632|ref|NR\_024171.2| Homo sapiens Mdm4 p53 binding protein homolog (mouse) (MDM4), transcript variant 1, mRNA;

gi|323510639|ref|NM\_019607.2| Homo sapiens chromosome 8 open reading frame 44 (C8orf44), mRNA;

gi|323510641|ref|NR\_037872.1| Homo sapiens tektin 4 pseudogene (LOC100233156), transcript variant 2, mRNA;

gi|323510642|ref|NM\_001204173.1| Homo sapiens C8orf44-SGK3 readthrough (C8orf44-SGK3), mRNA;

gi|323510645|ref|NM\_001017926.2| Homo sapiens zinc fingers and homeoboxes 1 (ZHX1), transcript variant 1, mRNA;

gi|323510653|ref|NM\_001204176.1| Homo sapiens chondrolectin (CHODL), transcript variant 4, mRNA;

gi|323510662|ref|NM\_000500.7| Homo sapiens cytochrome P450, family 21, subfamily A, polypeptide 2 (CYP21A2), mRNA;

gi|323510668|ref|NM\_032847.2| Homo sapiens chromosome 8 open reading frame 76 (C8orf76), mRNA;



gi|323510671|ref|NR\_037875.1| Homo sapiens uncharacterized LOC728730 (LOC728730), non-coding RNA;

gi|323510672|ref|NM\_004854.4| Homo sapiens carbohydrate sulfotransferase 10 (CHST10), mRNA;

gi|323510673|ref|NM\_001204180.1| Homo sapiens ZHX1-C8ORF76 readthrough (ZHX1-C8ORF76), mRNA;

gi|323510677|ref|NR\_037877.1| Homo sapiens uncharacterized LOC100505912 (LOC100505912), non-coding RNA;

gi|323510678|ref|NR\_037878.1| Homo sapiens uncharacterized LOC100506085 (LOC100506085), non-coding RNA;

gi|323510679|ref|NM\_016434.3| Homo sapiens regulator of telomere elongation helicase 1 (RTEL1), transcript variant 1, mRNA;

gi|323510682|ref|NR\_037879.1| Homo sapiens uncharacterized LOC100505876 (LOC100505876), transcript variant 1, mRNA;

gi|323510684|ref|NR\_037881.1| Homo sapiens uncharacterized LOC100505964 (LOC100505964), non-coding RNA;

gi|323510685|ref|NR\_037882.1| Homo sapiens RTEL1-TNFRSF6B readthrough (RTEL1-TNFRSF6B), non-coding RNA;

gi|323510686|ref|NM\_002497.3| Homo sapiens NIMA (never in mitosis gene a)-related kinase 2 (NEK2), transcript variant 1, mRNA;

gi|323510691|ref|NR\_037883.1| Homo sapiens uncharacterized LOC100506421 (LOC100506421), non-coding RNA;

gi|323510692|ref|NR\_037884.1| Homo sapiens uncharacterized LOC100507053 (LOC100507053), non-coding RNA;

gi|323510694|ref|NM\_003135.2| Homo sapiens signal recognition particle 19kDa (SRP19), transcript variant 1, mRNA;

gi|323510701|ref|NR\_037886.1| Homo sapiens uncharacterized LOC100507140 (LOC100507140), non-coding RNA;

gi|323633423|ref|NR\_037890.1| Homo sapiens DNAJB8 antisense RNA 1 (non-protein coding) (DNAJB8-AS1), transcript variant 1, mRNA;

gi|323633424|ref|NM\_001204210.1| Homo sapiens transmembrane protein 235 (TMEM235), transcript variant 1, mRNA;

gi|323635430|ref|NM\_001204213.1| Homo sapiens nitric oxide synthase 1 (neuronal) (NOS1), transcript variant 1, mRNA;

gi|323635437|ref|NR\_037891.1| Homo sapiens uncharacterized LOC100507391 (LOC100507391), non-coding RNA;

gi|323635442|ref|NM\_033213.4| Homo sapiens zinc finger protein 670 (ZNF670), transcript variant 1, mRNA;

gi|323635447|ref|NM\_001204221.1| Homo sapiens zinc finger protein 695 (ZNF695), transcript variant 2, non-coding RNA;

gi|323635450|ref|NR\_037893.1| Homo sapiens uncharacterized LOC100507032 (LOC100507032), non-coding RNA;

gi|323635451|ref|NR\_037894.1| Homo sapiens ZNF670-ZNF695 readthrough (ZNF670-ZNF695), non-coding RNA;

gi|323639466|ref|NM\_003823.3| Homo sapiens tumor necrosis factor receptor superfamily, member 6b, domain 1, mRNA;

gi|323639469|ref|NM\_012429.3| Homo sapiens SEC14-like 2 (S. cerevisiae) (SEC14L2), transcript variant 1, mRNA;

gi|323639474|ref|NM\_016498.4| Homo sapiens mitochondrial fission process 1 (MTFP1), nuclear gene encoding, transcript variant 1, mRNA;

gi|323641476|ref|NR\_037888.1| Homo sapiens uncharacterized LOC100507266 (LOC100507266), non-coding RNA;

gi|323641477|ref|NR\_037889.1| Homo sapiens uncharacterized LOC285626 (LOC285626), non-coding RNA;

gi|323668265|ref|NR\_037895.1| Homo sapiens uncharacterized LOC340073 (LOC340073), non-coding RNA;

gi|323668266|ref|NR\_037896.1| Homo sapiens uncharacterized LOC340107 (LOC340107), non-coding RNA;

gi|323668272|ref|NR\_037897.1| Homo sapiens uncharacterized LOC386627 (FLJ38109), non-coding RNA;

gi|323668282|ref|NR\_037898.1| Homo sapiens uncharacterized LOC553103 (LOC553103), non-coding RNA;

gi|323668285|ref|NM\_001204240.1| Homo sapiens TBC1 domain family, member 10A (TBC1D10A), transcript variant 1, mRNA;

gi|323668293|ref|NM\_080678.2| Homo sapiens ubiquitin-conjugating enzyme E2F (putative) (UBE2F), transcript variant 1, mRNA;

gi|323668299|ref|NM\_016510.5| Homo sapiens selenocysteine lyase (SCLY), mRNA;

gi|323668301|ref|NR\_037901.1| Homo sapiens ARHGEF26 antisense RNA 1 (non-protein coding) (ARHGEF26-AS1), transcript variant 1, mRNA;

gi|323668302|ref|NR\_037902.1| Homo sapiens uncharacterized LOC100507537 (LOC100507537), non-coding RNA;

gi|323668304|ref|NM\_002164.5| Homo sapiens indoleamine 2,3-dioxygenase 1 (IDO1), mRNA;

gi|323668305|ref|NR\_037903.1| Homo sapiens uncharacterized LOC100507582 (LOC100507582), non-coding RNA;

gi|323668327|ref|NM\_001204191.1| Homo sapiens tumor protein p73 (TP73), transcript variant 7, mRNA;

gi|323714248|ref|NR\_037904.1| Homo sapiens UBE2F-SCLY readthrough (UBE2F-SCLY), non-coding RNA;

gi|323714249|ref|NM\_005506.3| Homo sapiens scavenger receptor class B, member 2 (SCARB2), transcript variant 1, mRNA;

gi|323714268|ref|NM\_001164832.2| Homo sapiens FXYD domain containing ion transport regulator 6 (FXYD6), transcript variant 1, mRNA;

gi|32401432|ref|NM\_181790.1| Homo sapiens G protein-coupled receptor 142 (GPR142), mRNA;

gi|32401434|ref|NM\_181791.1| Homo sapiens G protein-coupled receptor 141 (GPR141), mRNA;

gi|32401436|ref|NM\_181788.1| Homo sapiens H1 histone family, member N, testis-specific (H1FNT), mRNA;

gi|324021689|ref|NM\_004974.3| Homo sapiens potassium voltage-gated channel, shaker-related subfamily 1, transcript variant 1, mRNA;

gi|324021690|ref|NM\_001204267.1| Homo sapiens gamma-aminobutyric acid (GABA) A receptor, alpha 4 (GABRA4), transcript variant 1, mRNA;

gi|324021693|ref|NM\_002074.3| Homo sapiens guanine nucleotide binding protein (G protein), beta polyp

gi|324021697|ref|NM\_000989.3| Homo sapiens ribosomal protein L30 (RPL30), mRNA;

gi|324021714|ref|NM\_006247.3| Homo sapiens protein phosphatase 5, catalytic subunit (PPP5C), transcrip

gi|324021718|ref|NM\_000976.3| Homo sapiens ribosomal protein L12 (RPL12), mRNA;

gi|324021721|ref|NM\_152437.2| Homo sapiens zinc finger protein 664 (ZNF664), transcript variant 1, mRN

gi|324021723|ref|NM\_181709.4| Homo sapiens family with sequence similarity 101, member A (FAM101A)

gi|324021725|ref|NM\_032900.5| Homo sapiens Rho GTPase activating protein 19 (ARHGAP19), transcript v

gi|324021726|ref|NM\_001204299.1| Homo sapiens protein FAM101A (ZNF664-FAM101A), mRNA;

gi|324021731|ref|NM\_021794.3| Homo sapiens ADAM metallopeptidase domain 30 (ADAM30), mRNA;

gi|324021734|ref|NR\_037909.1| Homo sapiens ARHGAP19-SLIT1 readthrough (ARHGAP19-SLIT1), non-codi

gi|324021744|ref|NM\_001204307.1| Homo sapiens group-specific component (vitamin D binding protein) (

gi|324021747|ref|NM\_001136131.2| Homo sapiens amyloid beta (A4) precursor protein (APP), transcript v

gi|324021748|ref|NM\_138729.3| Homo sapiens suppression of tumorigenicity 7 like (ST7L), transcript varia

gi|324072669|ref|NM\_003068.4| Homo sapiens snail homolog 2 (Drosophila) (SNAI2), mRNA;

gi|324072710|ref|NM\_016311.4| Homo sapiens ATPase inhibitory factor 1 (ATPIF1), nuclear gene encoding

gi|324072719|ref|NM\_031459.4| Homo sapiens sestrin 2 (SES2), mRNA;

gi|324072727|ref|NM\_001204344.1| Homo sapiens tumor necrosis factor (ligand) superfamily, member 15

gi|324072736|ref|NM\_001990.3| Homo sapiens eyes absent homolog 3 (Drosophila) (EYA3), mRNA;

gi|324072750|ref|NM\_022475.2| Homo sapiens hedgehog interacting protein (HHIP), mRNA;

gi|324072752|ref|NM\_133497.3| Homo sapiens potassium channel, subfamily V, member 2 (KCNV2), mRN

gi|324072791|ref|NM\_014313.3| Homo sapiens transmembrane protein 50A (TMEM50A), mRNA;

gi|324072795|ref|NM\_005402.3| Homo sapiens v-ral simian leukemia viral oncogene homolog A (ras relate

gi|324072930|ref|NM\_015230.3| Homo sapiens ArfGAP with RhoGAP domain, ankyrin repeat and PH doma

gi|324072950|ref|NM\_022034.5| Homo sapiens CUB and zona pellucida-like domains 1 (CUZD1), transcript

gi|324072953|ref|NR\_037915.1| Homo sapiens FAM24B-CUZD1 readthrough (FAM24B-CUZD1), non-coding

gi|324072961|ref|NM\_001204364.1| Homo sapiens family with sequence similarity 24, member B (FAM24B)

gi|324073345|ref|NM\_001204317.1| Homo sapiens prolactin receptor (PRLR), transcript variant 4, mRNA; g

gi|324073503|ref|NM\_000584.3| Homo sapiens interleukin 8 (IL8), mRNA;

gi|324073512|ref|NM\_019102.3| Homo sapiens homeobox A5 (HOXA5), mRNA;

gi|324073529|ref|NM\_018190.3| Homo sapiens Bardet-Biedl syndrome 7 (BBS7), transcript variant 2, mRN

gi|324073531|ref|NM\_177422.2| Homo sapiens eukaryotic translation initiation factor 2C, 3 (EIF2C3), trans

gi|324073532|ref|NM\_017629.3| Homo sapiens eukaryotic translation initiation factor 2C, 4 (EIF2C4), mRN

gi|324120864|ref|NM\_006582.3| Homo sapiens glucocorticoid modulatory element binding protein 1 (GME

gi|324120879|ref|NM\_021258.3| Homo sapiens interleukin 22 receptor, alpha 1 (IL22RA1), mRNA;

gi|324120883|ref|NM\_173065.2| Homo sapiens interleukin 28 receptor, alpha (interferon, lambda receptor

gi|324120888|ref|NR\_037913.1| Homo sapiens ring finger and CHY zinc finger domain containing 1, E3 ubiq

gi|324120897|ref|NM\_001204368.1| Homo sapiens microsomal glutathione S-transferase 2 (MGST2), trans

gi|324120907|ref|NM\_020869.3| Homo sapiens doublecortin domain containing 5 (DCDC5), mRNA;

gi|324120911|ref|NM\_032456.2| Homo sapiens protocadherin 7 (PCDH7), transcript variant b, mRNA; gi|1

gi|324120912|ref|NM\_181807.3| Homo sapiens doublecortin domain containing 1 (DCDC1), mRNA;

gi|324120918|ref|NM\_139208.2| Homo sapiens mannan-binding lectin serine peptidase 2 (MASP2), transcr

gi|324120919|ref|NM\_000908.3| Homo sapiens natriuretic peptide receptor C/guanylate cyclase C (atriona

gi|324120928|ref|NM\_015102.3| Homo sapiens nephronophthisis 4 (NPHP4), mRNA;

gi|324120933|ref|NM\_001204387.1| Homo sapiens discs, large homolog 1 (Drosophila) (DLG1), transcript v

gi|324120941|ref|NM\_138346.2| Homo sapiens KIAA2013 (KIAA2013), mRNA;

gi|324120942|ref|NM\_005105.3| Homo sapiens RNA binding motif protein 8A (RBM8A), mRNA;

gi|324120952|ref|NM\_001044390.2| Homo sapiens mucin 1, cell surface associated (MUC1), transcript vari

gi|32452934|ref|NR\_001448.1| Homo sapiens ADAM metallopeptidase domain 5, pseudogene (ADAM5P), mRNA;

gi|32455232|ref|NM\_005558.3| Homo sapiens ladinin 1 (LAD1), mRNA;

gi|32455240|ref|NM\_178232.2| Homo sapiens hyaluronan and proteoglycan link protein 3 (HAPLN3), mRNA;

gi|32455241|ref|NM\_001528.2| Homo sapiens HGF activator (HGFAC), mRNA;

gi|32455249|ref|NM\_181524.1| Homo sapiens phosphoinositide-3-kinase, regulatory subunit 1 (alpha) (PIK3R1), mRNA;

gi|32455268|ref|NM\_173575.2| Homo sapiens serine/threonine kinase 32C (STK32C), mRNA;

gi|32455272|ref|NM\_006648.3| Homo sapiens WNK lysine deficient protein kinase 2 (WNK2), mRNA;

gi|32469494|ref|NM\_181840.1| Homo sapiens potassium channel, subfamily K, member 18 (KCNK18), mRNA;

gi|324710986|ref|NM\_000302.3| Homo sapiens procollagen-lysine, 2-oxoglutarate 5-dioxygenase 1 (PLOD1), mRNA;

gi|324710989|ref|NM\_180989.5| Homo sapiens G protein-coupled receptor 180 (GPR180), mRNA;

gi|324710995|ref|NM\_001204399.1| Homo sapiens paired-like homeodomain 2 (PITX2), transcript variant 1, mRNA;

gi|324711010|ref|NR\_037916.1| Homo sapiens X-linked inhibitor of apoptosis (XIAP), transcript variant 3, non-coding RNA;

gi|324711018|ref|NM\_006250.3| Homo sapiens proline-rich protein Haell subfamily 1 (PRH1), mRNA;

gi|324711019|ref|NM\_006181.2| Homo sapiens netrin 3 (NTN3), mRNA;

gi|324711020|ref|NM\_001098538.2| Homo sapiens proline rich 4 (lacrimal) (PRR4), transcript variant 1, mRNA;

gi|324711024|ref|NM\_004507.3| Homo sapiens HUS1 checkpoint homolog (S. pombe) (HUS1), transcript variant 1, mRNA;

gi|324711028|ref|NM\_001204406.1| Homo sapiens arachidonate 5-lipoxygenase-activating protein (ALOX5), mRNA;

gi|324711031|ref|NR\_037918.1| Homo sapiens PRH1-PRR4 readthrough (PRH1-PRR4), non-coding RNA;

gi|324711033|ref|NM\_001204414.1| Homo sapiens tubulointerstitial nephritis antigen-like 1 (TINAGL1), transcript variant 1, mRNA;

gi|324715038|ref|NM\_032949.2| Homo sapiens protocadherin 8 (PCDH8), transcript variant 2, mRNA;

gi|324715039|ref|NM\_000123.3| Homo sapiens excision repair cross-complementing rodent repair deficiency complementing 1 (XPC-HHR23B), mRNA;

gi|324715040|ref|NM\_001204425.1| Homo sapiens BIVM-ERCC5 readthrough (BIVM-ERCC5), mRNA;

gi|324715044|ref|NM\_002314.3| Homo sapiens LIM domain kinase 1 (LIMK1), transcript variant 1, mRNA;

gi|32479520|ref|NM\_004421.2| Homo sapiens dishevelled, dsh homolog 1 (Drosophila) (DVL1), mRNA;

gi|32479526|ref|NM\_000218.2| Homo sapiens potassium voltage-gated channel, KQT-like subfamily, member 1 (KQT1), mRNA;

gi|32481205|ref|NM\_002299.2| Homo sapiens lactase (LCT), mRNA;

gi|32481212|ref|NM\_016086.2| Homo sapiens serine/threonine/tyrosine interacting-like 1 (STYXL1), mRNA;

gi|32483356|ref|NM\_021004.2| Homo sapiens dehydrogenase/reductase (SDR family) member 4 (DHRS4), mRNA;

gi|32483364|ref|NM\_001160.2| Homo sapiens apoptotic peptidase activating factor 1 (APAF1), transcript variant 1, mRNA;

gi|32483378|ref|NM\_006793.2| Homo sapiens peroxiredoxin 3 (PRDX3), nuclear gene encoding mitochondrial peroxiredoxin 3, mRNA;

gi|32483380|ref|NM\_181804.1| Homo sapiens protein kinase (cAMP-dependent, catalytic) inhibitor gamma (PKAIP1), mRNA;

gi|32483389|ref|NM\_181794.1| Homo sapiens protein kinase (cAMP-dependent, catalytic) inhibitor beta (PKAIP1), mRNA;

gi|32483395|ref|NM\_004717.2| Homo sapiens diacylglycerol kinase, iota (DGKI), mRNA;

gi|32484976|ref|NM\_016201.2| Homo sapiens angiomin 2 (AMOTL2), mRNA;

gi|32484978|ref|NM\_003664.3| Homo sapiens adaptor-related protein complex 3, beta 1 subunit (AP3B1), mRNA;

gi|32484986|ref|NM\_018487.2| Homo sapiens transmembrane protein 176A (TMEM176A), mRNA;

gi|32484988|ref|NM\_058219.2| Homo sapiens exosome component 6 (EXOSC6), mRNA;

gi|32484989|ref|NM\_018639.3| Homo sapiens WD repeat and SOCS box containing 2 (WSB2), mRNA;

gi|32490571|ref|NM\_012307.2| Homo sapiens erythrocyte membrane protein band 4.1-like 3 (EPB41L3), non-coding RNA;

gi|325053629|ref|NM\_001204447.1| Homo sapiens adaptor-related protein complex 5, sigma 1 subunit (AP5B1), mRNA;

gi|325053638|ref|NM\_020739.3| Homo sapiens cell cycle progression 1 (CCPG1), transcript variant 2, mRNA;

gi|325053645|ref|NM\_020746.4| Homo sapiens mitochondrial antiviral signaling protein (MAVS), nuclear gene encoding mitochondrial antiviral signaling protein, mRNA;

gi|325053648|ref|NR\_037923.1| Homo sapiens DYX1C1-CCPG1 readthrough (non-protein coding) (DYX1C1-CCPG1), non-coding RNA;

gi|325053649|ref|NM\_016248.3| Homo sapiens A kinase (PRKA) anchor protein 11 (AKAP11), mRNA;

gi|325053650|ref|NM\_002803.3| Homo sapiens proteasome (prosome, macropain) 26S subunit, ATPase, 2 (PSMD2), mRNA;

gi|325053657|ref|NM\_001204456.1| Homo sapiens RB-associated KRAB zinc finger (RBAK), transcript variant 1, mRNA;

gi|325053663|ref|NM\_020987.3| Homo sapiens ankyrin 3, node of Ranvier (ankyrin G) (ANK3), transcript variant 1, mRNA;

gi|325053689|ref|NM\_001204424.1| Homo sapiens regulator of G-protein signaling 6 (RGS6), transcript var

gi|325053695|ref|NM\_006001.2| Homo sapiens tubulin, alpha 3c (TUBA3C), mRNA;

gi|325053696|ref|NM\_007129.3| Homo sapiens Zic family member 2 (ZIC2), mRNA;

gi|325053703|ref|NM\_006418.4| Homo sapiens olfactomedin 4 (OLFM4), mRNA;

gi|325053704|ref|NM\_033131.3| Homo sapiens wingless-type MMTV integration site family, member 3A (l

gi|325053721|ref|NM\_001145645.2| Homo sapiens tumor necrosis factor (ligand) superfamily, member 13

gi|325120956|ref|NM\_018647.3| Homo sapiens tumor necrosis factor receptor superfamily, member 19 (T

gi|325120962|ref|NM\_023011.3| Homo sapiens UPF3 regulator of nonsense transcripts homolog A (yeast)

gi|325120977|ref|NM\_012090.4| Homo sapiens microtubule-actin crosslinking factor 1 (MACF1), transcript

gi|325120978|ref|NM\_018527.3| Homo sapiens N(alpha)-acetyltransferase 16, NatA auxiliary subunit (NAA

gi|325120981|ref|NM\_001204466.1| Homo sapiens RNA binding motif protein 10 (RBM10), transcript varia

gi|325121001|ref|NM\_032890.3| Homo sapiens dispatched homolog 1 (Drosophila) (DISP1), mRNA;

gi|325121002|ref|NM\_000297.3| Homo sapiens polycystic kidney disease 2 (autosomal dominant) (PKD2),

gi|325121003|ref|NM\_001204477.1| Homo sapiens CMT1A duplicated region transcript 4 (CDRT4), mRNA;

gi|325152858|ref|NR\_015343.2| Homo sapiens uncharacterized LOC389458 (LOC389458), non-coding RNA,

gi|325168188|ref|NM\_001204513.1| Homo sapiens RBAK-LOC389458 readthrough (RBAK-LOC389458), mR

gi|325197105|ref|NM\_031431.3| Homo sapiens component of oligomeric golgi complex 3 (COG3), mRNA;

gi|325197139|ref|NM\_015670.5| Homo sapiens SUMO1/sentrin/SMT3 specific peptidase 3 (SEN3), mRNA

gi|325197140|ref|NM\_001204492.1| Homo sapiens calcium/calmodulin-dependent protein kinase II gamm

gi|325197144|ref|NM\_002233.3| Homo sapiens potassium voltage-gated channel, shaker-related subfamily

gi|325197147|ref|NM\_016587.3| Homo sapiens chromobox homolog 3 (CBX3), transcript variant 2, mRNA;

gi|325197160|ref|NM\_015641.3| Homo sapiens testis derived transcript (3 LIM domains) (TES), transcript v

gi|325197163|ref|NM\_001204510.1| Homo sapiens eukaryotic translation initiation factor 4A1 (EIF4A1), tr

gi|325197165|ref|NR\_037924.1| Homo sapiens FAM18B2-CDRT4 readthrough (FAM18B2-CDRT4), transcrip

gi|325197176|ref|NM\_005720.3| Homo sapiens actin related protein 2/3 complex, subunit 1B, 41kDa (ARPi

gi|325197180|ref|NM\_014970.3| Homo sapiens kinesin-associated protein 3 (KIFAP3), transcript variant 1,

gi|325197186|ref|NR\_037926.1| Homo sapiens SEN3-EIF4A1 readthrough (SEN3-EIF4A1), non-coding RN

gi|325197189|ref|NM\_001127208.2| Homo sapiens tet methylcytosine dioxygenase 2 (TET2), transcript var

gi|325197203|ref|NM\_001459.3| Homo sapiens fms-related tyrosine kinase 3 ligand (FLT3LG), transcript va

gi|325197208|ref|NM\_001323.3| Homo sapiens cystatin E/M (CST6), mRNA;

gi|325197209|ref|NM\_001204520.1| Homo sapiens purinergic receptor P2X, ligand-gated ion channel, 5 (P

gi|325197212|ref|NM\_001204504.1| Homo sapiens diacylglycerol kinase, eta (DGKH), transcript variant 3, r

gi|32526876|ref|NR\_001452.1| Homo sapiens small nucleolar RNA, C/D box 14B (SNORD14B), small nucleo

gi|32526880|ref|NR\_001456.1| Homo sapiens small nucleolar RNA, C/D box 38A (SNORD38A), small nucleo

gi|32526881|ref|NR\_001457.1| Homo sapiens small nucleolar RNA, C/D box 38B (SNORD38B), small nucleo

gi|32528292|ref|NM\_006375.2| Homo sapiens ecto-NOX disulfide-thiol exchanger 2 (ENOX2), transcript var

gi|32528296|ref|NM\_182398.1| Homo sapiens ribosomal protein S6 kinase, 90kDa, polypeptide 5 (RPS6KA

gi|32528309|ref|NM\_181814.1| Homo sapiens abhydrolase domain containing 12B (ABHD12B), transcript v

gi|325296911|ref|NM\_002703.4| Homo sapiens phosphoribosyl pyrophosphate amidotransferase (PPAT), r

gi|325296948|ref|NM\_015039.3| Homo sapiens nicotinamide nucleotide adenylyltransferase 2 (NMNAT2),

gi|325296950|ref|NM\_014604.3| Homo sapiens Tax1 (human T-cell leukemia virus type I) binding protein 3

gi|325296968|ref|NM\_001204744.1| Homo sapiens cadherin 16, KSP-cadherin (CDH16), transcript variant 2

gi|325296983|ref|NM\_001204747.1| Homo sapiens replication factor C (activator 1) 1, 145kDa (RFC1), tran

gi|325296996|ref|NR\_037928.1| Homo sapiens P2RX5-TAX1BP3 readthrough (P2RX5-TAX1BP3), non-coding

gi|325301071|ref|NM\_001204526.1| Homo sapiens signal sequence receptor, delta (SSR4), transcript varia

gi|325301085|ref|NM\_001861.3| Homo sapiens cytochrome c oxidase subunit IV isoform 1 (COX4I1), nucle

gi|325301087|ref|NM\_005205.3| Homo sapiens cytochrome c oxidase subunit VIa polypeptide 2 (COX6A2),

gi|32563528|ref|NR\_001525.1| Homo sapiens testis-specific transcript, Y-linked 4 (non-protein coding) (TTT  
gi|32563530|ref|NR\_001524.1| Homo sapiens testis-specific transcript, Y-linked 3 (non-protein coding) (TTT  
gi|32563531|ref|NR\_001533.1| Homo sapiens testis-specific transcript, Y-linked 8 (non-protein coding) (TTT  
gi|32563532|ref|NR\_001526.1| Homo sapiens testis-specific transcript, Y-linked 17A (non-protein coding) (TT  
gi|32563533|ref|NR\_001530.1| Homo sapiens testis-specific transcript, Y-linked 9A (non-protein coding) (TT  
gi|32563535|ref|NR\_001535.1| Homo sapiens testis-specific transcript, Y-linked 21 (non-protein coding) (TT  
gi|32563539|ref|NR\_001537.1| Homo sapiens testis-specific transcript, Y-linked 13 (non-protein coding) (TT  
gi|32563540|ref|NR\_001538.1| Homo sapiens testis-specific transcript, Y-linked 1 (non-protein coding) (TTT  
gi|32563541|ref|NR\_001539.1| Homo sapiens testis-specific transcript, Y-linked 22 (non-protein coding) (TT  
gi|32563542|ref|NR\_001540.1| Homo sapiens testis-specific transcript, Y-linked 23 (non-protein coding) (TT  
gi|32563543|ref|NR\_001541.1| Homo sapiens testis-specific transcript, Y-linked 5 (non-protein coding) (TTT  
gi|32563544|ref|NR\_001542.1| Homo sapiens testis-specific transcript, Y-linked 10 (non-protein coding) (TT  
gi|32563548|ref|NR\_001546.1| Homo sapiens testis-specific transcript, Y-linked 20 (non-protein coding) (TT  
gi|32563549|ref|NR\_001547.1| Homo sapiens RNA binding motif protein, Y-linked, family 1, member A3 psi  
gi|32563551|ref|NR\_001549.1| Homo sapiens testis-specific transcript, Y-linked 19 (non-protein coding) (TT  
gi|32563552|ref|NR\_001550.1| Homo sapiens testis-specific transcript, Y-linked 18 (non-protein coding) (TT  
gi|32563553|ref|NR\_001551.1| Homo sapiens testis-specific transcript, Y-linked 12 (non-protein coding) (TT  
gi|32563554|ref|NR\_001552.1| Homo sapiens testis-specific transcript, Y-linked 16 (non-protein coding) (TT  
gi|32563555|ref|NR\_001553.1| Homo sapiens family with sequence similarity 197, Y-linked, member 2, pse  
gi|325651826|ref|NM\_001443.2| Homo sapiens fatty acid binding protein 1, liver (FABP1), mRNA;  
gi|325651833|ref|NM\_001204798.1| Homo sapiens potassium voltage-gated channel, subfamily H (eag-rel;  
gi|325651835|ref|NM\_003601.3| Homo sapiens SWI/SNF related, matrix associated, actin dependent regul  
gi|325651851|ref|NM\_001646.2| Homo sapiens apolipoprotein C-IV (APOC4), mRNA;  
gi|325651854|ref|NM\_003106.3| Homo sapiens SRY (sex determining region Y)-box 2 (SOX2), mRNA;  
gi|325651859|ref|NM\_000483.4| Homo sapiens apolipoprotein C-II (APOC2), mRNA;  
gi|325651865|ref|NR\_037932.1| Homo sapiens APOC4-APOC2 readthrough (APOC4-APOC2), non-coding RN  
gi|325651866|ref|NM\_024642.4| Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetyl  
gi|325651869|ref|NR\_037933.1| Homo sapiens chromosome 14 open reading frame 55 (C14orf55), non-co  
gi|325651871|ref|NM\_024592.4| Homo sapiens steroid 5 alpha-reductase 3 (SRD5A3), mRNA;  
gi|325651878|ref|NM\_004189.3| Homo sapiens SRY (sex determining region Y)-box 14 (SOX14), mRNA;  
gi|325651882|ref|NM\_002526.3| Homo sapiens 5'-nucleotidase, ecto (CD73) (NT5E), transcript variant 1, m  
gi|325651887|ref|NM\_001394.6| Homo sapiens dual specificity phosphatase 4 (DUSP4), transcript variant 1  
gi|325651890|ref|NM\_022137.5| Homo sapiens SPARC related modular calcium binding 1 (SMOC1), transcr  
gi|325651892|ref|NM\_001204814.1| Homo sapiens zinc finger protein 586 (ZNF586), transcript variant 3, n  
gi|325651899|ref|NR\_037934.1| Homo sapiens uncharacterized LOC285540 (LOC285540), non-coding RNA  
gi|325651900|ref|NM\_032828.3| Homo sapiens zinc finger protein 587 (ZNF587), transcript variant 1, mRN  
gi|325651903|ref|NM\_001204818.1| Homo sapiens zinc finger protein 587B (ZNF587B), mRNA;  
gi|325651912|ref|NM\_173175.2| Homo sapiens PTK2B protein tyrosine kinase 2 beta (PTK2B), transcript va  
gi|325651929|ref|NM\_001204824.1| Homo sapiens potassium voltage-gated channel, KQT-like subfamily, r  
gi|325651936|ref|NM\_001204827.1| Homo sapiens X-prolyl aminopeptidase (aminopeptidase P) 3, putativ  
gi|325651945|ref|NM\_001204831.1| Homo sapiens anoctamin 10 (ANO10), transcript variant 2, mRNA; gi|  
gi|325651955|ref|NM\_001204835.1| Homo sapiens zinc finger protein 568 (ZNF568), transcript variant 2, n  
gi|325651967|ref|NM\_005914.3| Homo sapiens minichromosome maintenance complex component 4 (MC  
gi|325651973|ref|NM\_144631.5| Homo sapiens zinc finger protein 513 (ZNF513), transcript variant 1, mRN  
gi|325651989|ref|NM\_006823.3| Homo sapiens protein kinase (cAMP-dependent, catalytic) inhibitor alpha  
gi|325651995|ref|NM\_001204848.1| Homo sapiens TNFAIP8L2-SCNM1 readthrough (TNFAIP8L2-SCNM1), r  
gi|325651997|ref|NM\_145212.3| Homo sapiens mitochondrial ribosomal protein L30 (MRPL30), nuclear ge

gi|325651998|ref|NM\_024575.4| Homo sapiens tumor necrosis factor, alpha-induced protein 8-like 2 (TNF/

gi|325652006|ref|NM\_005001.3| Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 7,

gi|325652007|ref|NR\_033322.2| Homo sapiens NOP2/Sun domain family, member 5 pseudogene 1 (NSUN5/

gi|325652013|ref|NM\_003114.4| Homo sapiens sperm associated antigen 1 (SPAG1), transcript variant 1, n

gi|325652022|ref|NM\_024041.3| Homo sapiens sodium channel modifier 1 (SCNM1), transcript variant 1, n

gi|325652031|ref|NR\_037938.1| Homo sapiens high mobility group AT-hook 1 pseudogene 7 (HMGA1P7), r

gi|325652045|ref|NM\_001204863.1| Homo sapiens transcription elongation factor B (SIII), polypeptide 1 (1

gi|325652052|ref|NM\_152872.2| Homo sapiens Fas (TNF receptor superfamily, member 6) (FAS), transcript

gi|325652057|ref|NR\_037940.1| Homo sapiens HOXA10-HOXA9 readthrough (HOXA10-HOXA9), non-coding

gi|325652058|ref|NM\_005524.3| Homo sapiens hairy and enhancer of split 1, (Drosophila) (HES1), mRNA;

gi|325652059|ref|NM\_178234.2| Homo sapiens tumor suppressor candidate 3 (TUSC3), transcript variant 2

gi|325652080|ref|NR\_037943.1| Homo sapiens syntaxin 16 (STX16), transcript variant 8, non-coding RNA; g

gi|325652082|ref|NM\_001818.3| Homo sapiens aldo-keto reductase family 1, member C4 (chlordecone rec

gi|325652084|ref|NM\_002801.3| Homo sapiens proteasome (prosome, macropain) subunit, beta type, 10 (

gi|325652088|ref|NM\_004962.3| Homo sapiens growth differentiation factor 10 (GDF10), mRNA;

gi|325652090|ref|NM\_001204871.1| Homo sapiens URGCP-MRPS24 readthrough (URGCP-MRPS24), mRNA

gi|325652093|ref|NM\_144729.2| Homo sapiens dual specificity phosphatase 10 (DUSP10), transcript varian

gi|325652102|ref|NM\_002811.4| Homo sapiens proteasome (prosome, macropain) 26S subunit, non-ATPa:

gi|325652103|ref|NM\_002814.3| Homo sapiens proteasome (prosome, macropain) 26S subunit, non-ATPa:

gi|325652106|ref|NM\_012464.4| Homo sapiens tolloid-like 1 (TLL1), transcript variant 1, mRNA; gi|325652

gi|325652112|ref|NM\_020997.3| Homo sapiens left-right determination factor 1 (LEFTY1), mRNA;

gi|325652113|ref|NM\_001204872.1| Homo sapiens aminopeptidase-like 1 (NPEPL1), transcript variant 2, r

gi|325652121|ref|NR\_037945.1| Homo sapiens STX16-NPEPL1 readthrough (non-protein coding) (STX16-NF

gi|325652126|ref|NM\_005850.4| Homo sapiens splicing factor 3b, subunit 4, 49kDa (SF3B4), mRNA;

gi|325652127|ref|NR\_037929.1| Homo sapiens SLMO2-ATP5E readthrough (SLMO2-ATP5E), transcript vari

gi|325652151|ref|NR\_037931.1| Homo sapiens anaphase-promoting complex subunit 1-like (LOC10028697

gi|325910835|ref|NM\_001204890.1| Homo sapiens ISY1-RAB43 readthrough (ISY1-RAB43), mRNA;

gi|325910844|ref|NM\_001204870.1| Homo sapiens WNT1 inducible signaling pathway protein 1 (WISP1), t

gi|325910851|ref|NR\_037946.1| Homo sapiens HNRNPUL2-BSCL2 readthrough (HNRNPUL2-BSCL2), non-co

gi|325910854|ref|NM\_001079559.2| Homo sapiens heterogeneous nuclear ribonucleoprotein U-like 2 (HNI

gi|325910856|ref|NM\_182639.2| Homo sapiens Hermansky-Pudlak syndrome 1 (HPS1), transcript variant 3

gi|325910865|ref|NM\_057749.2| Homo sapiens cyclin E2 (CCNE2), mRNA;

gi|325910867|ref|NM\_004874.3| Homo sapiens BCL2-associated athanogene 4 (BAG4), transcript variant 1

gi|325910871|ref|NM\_138634.2| Homo sapiens microseminoprotein, beta- (MSMB), transcript variant PSP

gi|325910877|ref|NR\_037947.1| Homo sapiens NOP2/Sun domain family, member 2 (NSUN2), transcript va

gi|325910881|ref|NM\_001204880.1| Homo sapiens ubiquitin-conjugating enzyme E2D 1 (UBE2D1), transcri

gi|325910885|ref|NR\_037948.1| Homo sapiens Berardinelli-Seip congenital lipodystrophy 2 (seipin) (BSCL2)

gi|325910892|ref|NM\_001204884.1| Homo sapiens RAB43, member RAS oncogene family (RAB43), transcr

gi|325910902|ref|NM\_000690.3| Homo sapiens aldehyde dehydrogenase 2 family (mitochondrial) (ALDH2)

gi|325974474|ref|NM\_001204897.1| Homo sapiens transmembrane 4 L six family member 19 (TM4SF19), t

gi|325974478|ref|NM\_000882.3| Homo sapiens interleukin 12A (natural killer cell stimulatory factor 1, cyto

gi|325974481|ref|NM\_152773.4| Homo sapiens Tctex1 domain containing 2 (TCTEX1D2), mRNA;

gi|325974483|ref|NM\_004617.3| Homo sapiens transmembrane 4 L six family member 4 (TM4SF4), mRNA;

gi|325974487|ref|NR\_037950.1| Homo sapiens TM4SF19-TCTEX1D2 readthrough (TM4SF19-TCTEX1D2), no

gi|325974494|ref|NM\_181435.5| Homo sapiens C1q and tumor necrosis factor related protein 3 (C1QTNF3

gi|325974495|ref|NM\_001199824.2| Homo sapiens putative uncharacterized serine/threonine-protein kinase

gi|325974496|ref|NM\_152707.3| Homo sapiens solute carrier family 25 (mitochondrial carrier; Graves dise

gi|325974497|ref|NR\_037951.1| Homo sapiens C1QTNF3-AMACR readthrough (C1QTNF3-AMACR), non-coding RNA; gi|325995132|ref|NM\_001745.3| Homo sapiens calcium modulating ligand (CAMLG), mRNA; gi|325995156|ref|NR\_037962.1| Homo sapiens ras homolog family member U (RHOU), transcript variant 2, mRNA; gi|325995171|ref|NM\_003656.4| Homo sapiens calcium/calmodulin-dependent protein kinase I (CAMK1), mRNA; gi|325995179|ref|NM\_001001317.3| Homo sapiens protease, serine, 58 (PRSS58), mRNA; gi|326319989|ref|NM\_015005.2| Homo sapiens KIAA0284 (KIAA0284), transcript variant 2, mRNA; gi|326319990|ref|NM\_015005.2| Homo sapiens KIAA0284 (KIAA0284), transcript variant 2, mRNA; gi|326320046|ref|NM\_002585.3| Homo sapiens pre-B-cell leukemia homeobox 1 (PBX1), transcript variant 1, mRNA; gi|326320060|ref|NR\_037595.1| Homo sapiens uncharacterized LOC646576 (LOC646576), non-coding RNA; gi|326368234|ref|NR\_037969.1| Homo sapiens uncharacterized LOC100506462 (LOC100506462), non-coding RNA; gi|326368241|ref|NR\_037876.2| Homo sapiens SLIT2 intronic transcript 1 (non-protein coding) (SLIT2-IT1), mRNA; gi|326381122|ref|NM\_001205019.1| Homo sapiens glycerol kinase (GK), transcript variant 4, mRNA; gi|326381123|ref|NM\_001205019.1| Homo sapiens glycerol kinase (GK), transcript variant 4, mRNA; gi|326439037|ref|NR\_037985.1| Homo sapiens tetratricopeptide repeat domain 19 (TTC19), transcript variant 1, mRNA; gi|326693951|ref|NR\_038033.1| Homo sapiens long intergenic non-protein coding RNA 159 (LINC00159), non-coding RNA; gi|326806953|ref|NM\_001205120.1| Homo sapiens ATG13 autophagy related 13 homolog (S. cerevisiae) (ATG13), mRNA; gi|326806964|ref|NM\_019892.4| Homo sapiens inositol polyphosphate-5-phosphatase, 72 kDa (INPP5E), mRNA; gi|326807023|ref|NM\_152795.3| Homo sapiens hypoxia inducible factor 3, alpha subunit (HIF3A), transcript variant 1, mRNA; gi|326937411|ref|NM\_001205138.1| Homo sapiens leucine rich transmembrane and O-methyltransferase containing 1 (LRTM1), mRNA; gi|326937452|ref|NM\_015415.3| Homo sapiens brain protein 44 (BRP44), transcript variant 2, mRNA; gi|326937470|ref|NM\_001142279.2| Homo sapiens ribonuclease H2, subunit B (RNASEH2B), transcript variant 1, mRNA; gi|326937475|ref|NM\_014014.4| Homo sapiens small nuclear ribonucleoprotein 200kDa (U5) (SNRNP200), mRNA; gi|32698685|ref|NM\_014568.1| Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylglucosamine 4-epimerase (UGA), mRNA; gi|32698703|ref|NM\_015395.1| Homo sapiens tectonin beta-propeller repeat containing 1 (TECPR1), mRNA; gi|32698747|ref|NM\_021045.1| Homo sapiens zinc finger protein 248 (ZNF248), mRNA; gi|32698785|ref|NM\_182490.1| Homo sapiens zinc finger protein 227 (ZNF227), mRNA; gi|32698789|ref|NM\_182489.1| Homo sapiens stimulated by retinoic acid gene 8 homolog (mouse) (STRA8), mRNA; gi|32698875|ref|NM\_182523.1| Homo sapiens COX assembly mitochondrial protein 1 homolog (S. cerevisiae) (COX1), mRNA; gi|32698901|ref|NM\_182532.1| Homo sapiens transmembrane protein 61 (TMEM61), mRNA; gi|32698937|ref|NM\_182553.1| Homo sapiens cornichon homolog 2 (Drosophila) (CNIH2), mRNA; gi|32699063|ref|NM\_182627.1| Homo sapiens WD repeat domain 53 (WDR53), mRNA; gi|32699144|ref|NM\_182484.1| Homo sapiens B melanoma antigen family, member 5 (BAGE5), mRNA; gi|32699146|ref|NM\_181704.1| Homo sapiens B melanoma antigen family, member 4 (BAGE4), mRNA; gi|32699148|ref|NM\_182481.1| Homo sapiens B melanoma antigen family, member 3 (BAGE3), mRNA; gi|327180746|ref|NM\_001586.2| Homo sapiens testis expressed 28 (TEX28), transcript variant 2, mRNA; gi|327199305|ref|NM\_001122.3| Homo sapiens perilipin 2 (PLIN2), transcript variant 1, mRNA; gi|327199315|ref|NM\_001205207.1| Homo sapiens solute carrier family 19 (folate transporter), member 1 (SLC19A1), mRNA; gi|327315342|ref|NM\_001205228.1| Homo sapiens sortilin 1 (SORT1), transcript variant 2, mRNA; gi|327315366|ref|NM\_001013742.2| Homo sapiens diacylglycerol kinase, kappa (DGKK), mRNA; gi|327315371|ref|NM\_001205220.1| Homo sapiens cysteine-rich secretory protein 1 (CRISP1), transcript variant 1, mRNA; gi|327315393|ref|NR\_002163.3| Homo sapiens olfactory receptor, family 7, subfamily E, member 37 pseudogene 1 (OR7E37), non-coding RNA; gi|327315394|ref|NM\_206886.3| Homo sapiens coiled-coil domain containing 18 (CCDC18), mRNA; gi|327365317|ref|NR\_038072.1| Homo sapiens uncharacterized LOC100505795 (LOC100505795), non-coding RNA; gi|327365332|ref|NM\_017442.3| Homo sapiens toll-like receptor 9 (TLR9), mRNA; gi|327365340|ref|NR\_024187.2| Homo sapiens suppressor of zeste 12 homolog pseudogene 1 (SUZ12P1), non-coding RNA; gi|327365347|ref|NM\_004863.3| Homo sapiens serine palmitoyltransferase, long chain base subunit 2 (SPTLC2), mRNA; gi|327365348|ref|NM\_005415.4| Homo sapiens solute carrier family 20 (phosphate transporter), member 1 (SLC20A1), mRNA; gi|327365354|ref|NM\_000689.4| Homo sapiens aldehyde dehydrogenase 1 family, member A1 (ALDH1A1), mRNA; gi|327365360|ref|NM\_015473.3| Homo sapiens HEAT repeat containing 5A (HEATR5A), mRNA;

gi|327365362|ref|NM\_203290.2| Homo sapiens polymerase (RNA) I polypeptide C, 30kDa (POLR1C), mRNA  
 gi|327365364|ref|NM\_016247.3| Homo sapiens interphotoreceptor matrix proteoglycan 2 (IMPG2), mRNA  
 gi|327365370|ref|NR\_024130.2| Homo sapiens DNMBP antisense RNA 1 (non-protein coding) (DNMBP-AS1)  
 gi|327412319|ref|NM\_001009185.2| Homo sapiens acyl-CoA synthetase long-chain family member 6 (ACSL6), mRNA  
 gi|327412331|ref|NR\_038080.1| Homo sapiens long intergenic non-protein coding RNA 482 (LINC00482), n  
 gi|327412332|ref|NM\_001205252.1| Homo sapiens ring finger protein 223 (RNF223), mRNA;  
 gi|327412339|ref|NM\_152338.3| Homo sapiens zymogen granule protein 16 homolog (rat) (ZG16), mRNA;  
 gi|327478412|ref|NM\_002538.3| Homo sapiens occludin (OCLN), transcript variant 1, mRNA; gi|327478413|  
 gi|327478427|ref|NM\_053055.4| Homo sapiens thioesterase superfamily member 4 (THEM4), mRNA;  
 gi|327532714|ref|NM\_001122634.2| Homo sapiens carbamoyl-phosphate synthase 1, mitochondrial (CPS1)  
 gi|327532729|ref|NM\_001205259.1| Homo sapiens TP53 target 3C (TP53TG3C), transcript variant 1, mRNA  
 gi|327532736|ref|NM\_012415.3| Homo sapiens RAD54 homolog B (S. cerevisiae) (RAD54B), transcript varia  
 gi|327532754|ref|NM\_001099687.2| Homo sapiens TP53 target 3B (TP53TG3B), transcript variant 1, mRNA  
 gi|327532770|ref|NM\_001205266.1| Homo sapiens defensin, beta 4B (DEFB4B), mRNA;  
 gi|327532772|ref|NM\_030976.1| Homo sapiens keratin associated protein 4-6 (KRTAP4-6), mRNA;  
 gi|328447199|ref|NM\_002296.3| Homo sapiens lamin B receptor (LBR), transcript variant 1, mRNA; gi|328447216|  
 gi|328447216|ref|NM\_018927.3| Homo sapiens protocadherin gamma subfamily B, 7 (PCDHGB7), transcrip  
 gi|328447218|ref|NM\_001205271.1| Homo sapiens protease, serine, 46 (PRSS46), mRNA;  
 gi|328447223|ref|NM\_001205272.1| Homo sapiens KRAB box domain containing 1 (KRBOX1), mRNA;  
 gi|328447226|ref|NM\_001205273.1| Homo sapiens testis highly expressed protein 5 (THEG5), mRNA;  
 gi|328447233|ref|NM\_173563.2| Homo sapiens family with sequence similarity 217, member A (FAM217A)  
 gi|328550502|ref|NM\_001167681.2| Homo sapiens Friend leukemia virus integration 1 (FLI1), transcript va  
 gi|328550535|ref|NM\_001205280.1| Homo sapiens immunoglobulin superfamily, member 23 (IGSF23), mR  
 gi|328550537|ref|NM\_001205281.1| Homo sapiens serine/threonine-protein phosphatase 5-like (LOC1005  
 gi|328683437|ref|NM\_144641.3| Homo sapiens protein phosphatase, Mg<sup>2+</sup>/Mn<sup>2+</sup> dependent, 1M (PPM1M)  
 gi|328751682|ref|NR\_038099.1| Homo sapiens LIM and senescent cell antigen-like domains 3-like (LIMS3L)  
 gi|32880198|ref|NM\_014160.3| Homo sapiens makorin ring finger protein 2 (MKRN2), mRNA;  
 gi|32880228|ref|NM\_031454.1| Homo sapiens selenoprotein O (SELO), mRNA;  
 gi|328802668|ref|NM\_005055.4| Homo sapiens receptor-associated protein of the synapse (RAPSN), transcr  
 gi|328802674|ref|NM\_012306.3| Homo sapiens Fas apoptotic inhibitory molecule 2 (FAIM2), mRNA;  
 gi|328802703|ref|NM\_138501.5| Homo sapiens trans-2,3-enoyl-CoA reductase (TECR), transcript variant 1,  
 gi|328887886|ref|NM\_148977.2| Homo sapiens pantothenate kinase 1 (PANK1), transcript variant alpha, m  
 gi|328887933|ref|NR\_038111.1| Homo sapiens uncharacterized LOC100507246 (LOC100507246), transcrip  
 gi|328887948|ref|NM\_001205315.1| Homo sapiens STEAP family member 4 (STEAP4), transcript variant 2,  
 gi|328927004|ref|NM\_001205296.1| Homo sapiens transcription termination factor, RNA polymerase I (TTI  
 gi|328927006|ref|NM\_182801.2| Homo sapiens EGF-like, fibronectin type III and laminin G domains (EGFLA  
 gi|328927011|ref|NM\_024783.3| Homo sapiens ATP/GTP binding protein-like 2 (AGBL2), mRNA;  
 gi|328927013|ref|NM\_001205317.1| Homo sapiens regulating synaptic membrane exocytosis 4 (RIMS4), tr  
 gi|328927056|ref|NM\_001205329.1| Homo sapiens junctional adhesion molecule 3 (JAM3), transcript varia  
 gi|328927063|ref|NM\_001085487.2| Homo sapiens Myb-like, SWIRM and MPN domains 1 (MYSM1), mRNA/  
 gi|329112582|ref|NM\_001205319.1| Homo sapiens nucleoredoxin (NXN), transcript variant 2, mRNA; gi|32  
 gi|329112585|ref|NM\_005559.3| Homo sapiens laminin, alpha 1 (LAMA1), mRNA;  
 gi|32964822|ref|NM\_182658.1| Homo sapiens BPI fold containing family B, member 3 (BPIFB3), mRNA;  
 gi|329663530|ref|NM\_001205294.1| Homo sapiens calcium channel, voltage-dependent, R type, alpha 1E s  
 gi|32967277|ref|NM\_181777.1| Homo sapiens ubiquitin-conjugating enzyme E2A (UBE2A), transcript variat  
 gi|32967281|ref|NM\_003337.2| Homo sapiens ubiquitin-conjugating enzyme E2B (UBE2B), mRNA;  
 gi|32967293|ref|NM\_031910.3| Homo sapiens C1q and tumor necrosis factor related protein 6 (C1QTNF6),



gi|32967604|ref|NM\_182648.1| Homo sapiens bromodomain adjacent to zinc finger domain, 1A (BAZ1A), t

gi|32967608|ref|NM\_022444.3| Homo sapiens solute carrier family 13 (sodium/sulfate symporters), memb

gi|329755246|ref|NM\_019855.4| Homo sapiens calcium binding protein 5 (CABP5), mRNA;

gi|329755265|ref|NM\_000137.2| Homo sapiens fumarylacetoacetate hydrolase (fumarylacetoacetase) (FAI

gi|32996736|ref|NM\_173083.2| Homo sapiens lin-9 homolog (C. elegans) (LIN9), mRNA;

gi|330340386|ref|NM\_001206426.1| Homo sapiens up-regulated during skeletal muscle growth 5 homolog

gi|330340410|ref|NR\_038118.1| Homo sapiens methylmalonic aciduria (cobalamin deficiency) cblB type (M

gi|330688419|ref|NM\_033071.3| Homo sapiens spectrin repeat containing, nuclear envelope 1 (SYNE1), tra

gi|330688424|ref|NM\_001317.5| Homo sapiens chorionic somatomammotropin hormone 1 (placental lact

gi|330688438|ref|NR\_038121.1| Homo sapiens engulfment and cell motility 1 (ELMO1), transcript variant 2

gi|330688467|ref|NM\_152132.2| Homo sapiens proteasome (prosome, macropain) subunit, alpha type, 3 (

gi|330864678|ref|NM\_001206540.1| Homo sapiens capping protein (actin filament) muscle Z-line, beta (CA

gi|330864683|ref|NM\_001206542.1| Homo sapiens caspase 10, apoptosis-related cysteine peptidase (CASF

gi|330864712|ref|NM\_001135920.2| Homo sapiens KIAA1432 (KIAA1432), transcript variant 2, mRNA; gi|3

gi|330864727|ref|NM\_152705.2| Homo sapiens polymerase (RNA) I polypeptide D, 16kDa (POLR1D), transc

gi|330864760|ref|NM\_001206572.1| Homo sapiens sortilin-related VPS10 domain containing receptor 1 (Sl

gi|330864770|ref|NM\_012266.5| Homo sapiens DnaJ (Hsp40) homolog, subfamily B, member 5 (DNAJB5), t

gi|330864782|ref|NM\_016377.3| Homo sapiens A kinase (PRKA) anchor protein 7 (AKAP7), transcript variar

gi|330864793|ref|NM\_201435.4| Homo sapiens coiled-coil domain containing 62 (CCDC62), transcript varia

gi|331028515|ref|NM\_133476.4| Homo sapiens zinc finger protein 384 (ZNF384), transcript variant 2, mRN

gi|331028523|ref|NR\_038135.1| Homo sapiens uncharacterized LOC641515 (LOC641515), non-coding RNA,

gi|331028536|ref|NR\_038131.1| Homo sapiens unkempt homolog (Drosophila) (UNK), transcript variant 2,

gi|331028541|ref|NM\_022576.3| Homo sapiens phosducin (PDC), transcript variant 2, mRNA; gi|32967590

gi|331028597|ref|NR\_038133.1| Homo sapiens chimerin (chimaerin) 1 (CHN1), transcript variant 4, non-cod

gi|331028607|ref|NM\_001005519.2| Homo sapiens olfactory receptor, family 6, subfamily C, member 68 (C

gi|331028750|ref|NM\_012153.5| Homo sapiens ets homologous factor (EHF), transcript variant 2, mRNA; g

gi|331028807|ref|NM\_001206625.1| Homo sapiens tripartite motif-containing protein ENSP00000309378-l

gi|331028810|ref|NM\_001206626.1| Homo sapiens tripartite motif-containing protein LOC642612-like (LOI

gi|331028814|ref|NM\_001206627.1| Homo sapiens ring finger protein 18-like (LOC399939), mRNA;

gi|331028828|ref|NM\_001206631.1| Homo sapiens tripartite motif containing 64C (TRIM64C), mRNA;

gi|331284123|ref|NM\_002220.2| Homo sapiens inositol-trisphosphate 3-kinase A (ITPKA), mRNA;

gi|331284124|ref|NM\_015409.4| Homo sapiens E1A binding protein p400 (EP400), mRNA;

gi|331284128|ref|NM\_016009.4| Homo sapiens SH3-domain GRB2-like endophilin B1 (SH3GLB1), transcript

gi|331284131|ref|NR\_037843.2| Homo sapiens HOXA distal transcript antisense RNA (non-protein coding) (

gi|331284143|ref|NM\_001206641.1| Homo sapiens chromosome 1 open reading frame 31 (C1orf31), trans

gi|331284165|ref|NM\_001206650.1| Homo sapiens pregnancy specific beta-1-glycoprotein 7 (gene/pseudoc

gi|331284175|ref|NM\_001077261.3| Homo sapiens nuclear receptor corepressor 2 (NCOR2), transcript var

gi|331284216|ref|NM\_001206670.1| Homo sapiens phospholipase A2, group IVE (PLA2G4E), mRNA;

gi|331284235|ref|NM\_003006.4| Homo sapiens selectin P ligand (SELPLG), transcript variant 2, mRNA; gi|3

gi|33149305|ref|NM\_182684.1| Homo sapiens uroplakin 3B (UPK3B), transcript variant 2, mRNA; gi|33149

gi|33149325|ref|NM\_000706.3| Homo sapiens arginine vasopressin receptor 1A (AVPR1A), mRNA;

gi|33186881|ref|NM\_182702.1| Homo sapiens protease, serine, 42 (PRSS42), mRNA;

gi|33186886|ref|NM\_182701.1| Homo sapiens glutathione peroxidase 6 (olfactory) (GPX6), mRNA;

gi|33186894|ref|NM\_182704.1| Homo sapiens selenoprotein V (SELV), mRNA;

gi|33187364|ref|NM\_020390.5| Homo sapiens eukaryotic translation initiation factor 5A2 (EIF5A2), mRNA;

gi|33188428|ref|NM\_182660.1| Homo sapiens ubiquitously transcribed tetratricopeptide repeat gene, Y-lir

gi|33188446|ref|NM\_182691.1| Homo sapiens SRSF protein kinase 2 (SRPK2), transcript variant 2, mRNA; g

gi|33188453|ref|NM\_181738.1| Homo sapiens peroxiredoxin 2 (PRDX2), nuclear gene encoding mitochond  
 gi|33188455|ref|NM\_181838.1| Homo sapiens ubiquitin-conjugating enzyme E2D 2 (UBE2D2), transcript va  
 gi|331999951|ref|NM\_006350.3| Homo sapiens follistatin (FST), transcript variant FST317, mRNA; gi|33199  
 gi|331999953|ref|NM\_002272.3| Homo sapiens keratin 4 (KRT4), mRNA;  
 gi|331999965|ref|NM\_001206691.1| Homo sapiens regulatory factor X, 4 (influences HLA class II expressio  
 gi|331999976|ref|NM\_013375.3| Homo sapiens activator of basal transcription 1 (ABT1), mRNA;  
 gi|331999977|ref|NM\_001206696.1| Homo sapiens interferon regulatory factor 6 (IRF6), transcript variant  
 gi|331999981|ref|NM\_001224.4| Homo sapiens caspase 2, apoptosis-related cysteine peptidase (CASP2), tr  
 gi|331999985|ref|NM\_173199.2| Homo sapiens nuclear receptor subfamily 4, group A, member 3 (NR4A3),  
 gi|331999991|ref|NM\_001206701.1| Homo sapiens SP100 nuclear antigen (SP100), transcript variant 3, mF  
 gi|332000001|ref|NM\_004528.3| Homo sapiens microsomal glutathione S-transferase 3 (MGST3), mRNA;  
 gi|332000004|ref|NR\_038159.1| Homo sapiens mitochondrial ribosomal protein L42 (MRPL42), transcript v  
 gi|332000007|ref|NM\_004620.3| Homo sapiens TNF receptor-associated factor 6, E3 ubiquitin protein ligas  
 gi|332000013|ref|NM\_002733.4| Homo sapiens protein kinase, AMP-activated, gamma 1 non-catalytic sub  
 gi|332000018|ref|NM\_006292.3| Homo sapiens tumor susceptibility gene 101 (TSG101), mRNA;  
 gi|332000019|ref|NM\_006284.3| Homo sapiens TAF10 RNA polymerase II, TATA box binding protein (TBP)-  
 gi|332000022|ref|NM\_130839.2| Homo sapiens ubiquitin protein ligase E3A (UBE3A), transcript variant 3, r  
 gi|332078463|ref|NM\_018839.4| Homo sapiens NSFL1 (p97) cofactor (p47) (NSFL1C), transcript variant 2, n  
 gi|332078467|ref|NM\_005465.4| Homo sapiens v-akt murine thymoma viral oncogene homolog 3 (protein  
 gi|332078472|ref|NM\_130798.2| Homo sapiens synaptosomal-associated protein, 23kDa (SNAP23), transcr  
 gi|332078473|ref|NM\_005525.3| Homo sapiens hydroxysteroid (11-beta) dehydrogenase 1 (HSD11B1), tra  
 gi|332078486|ref|NM\_004111.5| Homo sapiens flap structure-specific endonuclease 1 (FEN1), mRNA;  
 gi|332078493|ref|NM\_002559.3| Homo sapiens purinergic receptor P2X, ligand-gated ion channel, 3 (P2RX  
 gi|332078499|ref|NM\_183235.2| Homo sapiens RAB27A, member RAS oncogene family (RAB27A), transcrip  
 gi|332078505|ref|NM\_004223.4| Homo sapiens ubiquitin-conjugating enzyme E2L 6 (UBE2L6), transcript va  
 gi|332078524|ref|NM\_001909.4| Homo sapiens cathepsin D (CTSD), mRNA;  
 gi|332078538|ref|NM\_052837.2| Homo sapiens secretory carrier membrane protein 3 (SCAMP3), transcrip  
 gi|332078556|ref|NM\_138704.3| Homo sapiens necdin-like 2 (NDNL2), mRNA;  
 gi|332164665|ref|NM\_001206748.1| Homo sapiens caveolin 2 (CAV2), transcript variant 3, mRNA; gi|33216  
 gi|332164693|ref|NM\_004739.3| Homo sapiens metastasis associated 1 family, member 2 (MTA2), mRNA;  
 gi|332164713|ref|NM\_153278.2| Homo sapiens solute carrier family 22 (organic anion transporter), memb  
 gi|332164716|ref|NR\_038170.1| Homo sapiens fucosyltransferase 8 (alpha (1,6) fucosyltransferase) (FUT8),  
 gi|332164728|ref|NM\_001206774.1| Homo sapiens general transcription factor IIIC, polypeptide 3, 102kDa  
 gi|332164732|ref|NM\_006473.3| Homo sapiens TAF6-like RNA polymerase II, p300/CBP-associated factor (  
 gi|332164741|ref|NM\_012200.3| Homo sapiens beta-1,3-glucuronyltransferase 3 (glucuronosyltransferase  
 gi|332164753|ref|NM\_004579.3| Homo sapiens mitogen-activated protein kinase kinase kinase 2 (N  
 gi|332164761|ref|NM\_001206790.1| Homo sapiens transmembrane protease, serine 13 (TMPRSS13), trans  
 gi|332164774|ref|NM\_001206796.1| Homo sapiens pyruvate kinase, muscle (PKM2), transcript variant 4, n  
 gi|332164784|ref|NM\_007370.5| Homo sapiens replication factor C (activator 1) 5, 36.5kDa (RFC5), transcri  
 gi|332164796|ref|NM\_145160.2| Homo sapiens mitogen-activated protein kinase kinase 5 (MAP2K5), trans  
 gi|332205880|ref|NM\_001206802.2| Homo sapiens tumor protein p53 inducible protein 3 (TP53I3), transcr  
 gi|332205883|ref|NM\_006268.4| Homo sapiens D4, zinc and double PHD fingers family 2 (DPF2), mRNA;  
 gi|332205903|ref|NM\_000968.3| Homo sapiens ribosomal protein L4 (RPL4), mRNA;  
 gi|332205930|ref|NM\_001206833.1| Homo sapiens K(lysine) acetyltransferase 5 (KAT5), transcript variant 4  
 gi|332205936|ref|NM\_004663.4| Homo sapiens RAB11A, member RAS oncogene family (RAB11A), transcrip  
 gi|332205942|ref|NM\_001206838.1| Homo sapiens protein tyrosine phosphatase, receptor-type, Z polypep  
 gi|332205948|ref|NM\_001206841.1| Homo sapiens trans-golgi network protein 2 (TGOLN2), transcript vari

gi|332205950|ref|NM\_031289.3| Homo sapiens germ cell associated 1 (GSG1), transcript variant 1, mRNA;

gi|332205966|ref|NM\_001206850.1| Homo sapiens neuroligin 4, Y-linked (NLGN4Y), transcript variant 3, mRNA;

gi|332205976|ref|NM\_012110.3| Homo sapiens cysteine-rich hydrophobic domain 2 (CHIC2), mRNA;

gi|332205979|ref|NM\_004701.3| Homo sapiens cyclin B2 (CCNB2), mRNA;

gi|332205982|ref|NM\_001206856.1| Homo sapiens caprin family member 2 (CAPRIN2), transcript variant 4

gi|332308968|ref|NM\_021198.2| Homo sapiens CTD (carboxy-terminal domain, RNA polymerase II, polypeptide

gi|332309151|ref|NM\_001206847.1| Homo sapiens uncharacterized LOC100507341 (LOC100507341), mRNA;

gi|332309159|ref|NM\_181652.2| Homo sapiens peroxiredoxin 5 (PRDX5), nuclear gene encoding mitochondrial

gi|332309202|ref|NM\_000565.3| Homo sapiens interleukin 6 receptor (IL6R), transcript variant 1, mRNA; gi

gi|332309205|ref|NM\_015865.6| Homo sapiens solute carrier family 14 (urea transporter), member 1 (KIDC

gi|332309229|ref|NM\_001113475.2| Homo sapiens NADP-dependent oxidoreductase domain containing 1

gi|33239438|ref|NM\_006358.2| Homo sapiens solute carrier family 25 (mitochondrial carrier; peroxisomal

gi|33239441|ref|NM\_006754.2| Homo sapiens synaptophysin-like 1 (SYPL1), transcript variant 1, mRNA; gi|

gi|33239448|ref|NM\_019885.2| Homo sapiens cytochrome P450, family 26, subfamily B, polypeptide 1 (CY

gi|33239450|ref|NM\_182649.1| Homo sapiens proliferating cell nuclear antigen (PCNA), transcript variant 2

gi|332634571|ref|NM\_001098579.2| Homo sapiens murine retrovirus integration site 1 homolog (MRV1),

gi|332634689|ref|NM\_003888.3| Homo sapiens aldehyde dehydrogenase 1 family, member A2 (ALDH1A2),

gi|332634737|ref|NM\_001079864.2| Homo sapiens Tax1 (human T-cell leukemia virus type I) binding prote

gi|332634776|ref|NM\_004856.5| Homo sapiens kinesin family member 23 (KIF23), transcript variant 2, mRN

gi|332634854|ref|NM\_001206916.1| Homo sapiens calcium channel, voltage-dependent, beta 3 subunit (C

gi|332634869|ref|NM\_001037329.3| Homo sapiens cyclic nucleotide gated channel alpha 4 (CNGA4), mRNA;

gi|332634889|ref|NM\_001206920.1| Homo sapiens solute carrier family 35, member F4 (SLC35F4), mRNA;

gi|332634910|ref|NM\_013941.3| Homo sapiens olfactory receptor, family 10, subfamily C, member 1 (OR1

gi|332634913|ref|NM\_002976.3| Homo sapiens sodium channel, voltage-gated, type VII, alpha subunit (SC

gi|332634928|ref|NM\_006889.4| Homo sapiens CD86 molecule (CD86), transcript variant 2, mRNA; gi|3326

gi|332634959|ref|NM\_001161834.2| Homo sapiens chromosome 7 open reading frame 72 (C7orf72), mRNA;

gi|332634983|ref|NM\_001097615.2| Homo sapiens polymerase (RNA) II (DNA directed) polypeptide J3 (PO

gi|332634995|ref|NM\_001080404.2| Homo sapiens zinc finger protein 878 (ZNF878), mRNA;

gi|332635038|ref|NM\_014719.2| Homo sapiens family with sequence similarity 115, member A (FAM115A);

gi|332635064|ref|NM\_001206943.1| Homo sapiens chondroitin sulfate proteoglycan 5 (neuroglycan C) (CS

gi|332635094|ref|NM\_018465.3| Homo sapiens plasminogen receptor, C-terminal lysine transmembrane p

gi|332688225|ref|NM\_001796.4| Homo sapiens cadherin 8, type 2 (CDH8), mRNA;

gi|332688226|ref|NM\_001206927.1| Homo sapiens dynein, axonemal, heavy chain 8 (DNAH8), mRNA;

gi|332688228|ref|NM\_001008660.2| Homo sapiens phosphatidylinositol binding clathrin assembly protein

gi|332688242|ref|NM\_001001418.4| Homo sapiens TBC1 domain family, member 3C (TBC1D3C), mRNA;

gi|332688257|ref|NM\_001206961.1| Homo sapiens phospholipase A1 member A (PLA1A), transcript varian

gi|332800968|ref|NM\_001206934.1| Homo sapiens advanced glycosylation end product-specific receptor (

gi|332800980|ref|NM\_001206951.1| Homo sapiens solute carrier family 16, member 3 (monocarboxylic ac

gi|332800986|ref|NM\_005858.3| Homo sapiens A kinase (PRKA) anchor protein 8 (AKAP8), mRNA;

gi|332801000|ref|NM\_001206972.1| Homo sapiens protein tyrosine phosphatase, receptor type, B (PTPRB

gi|332801004|ref|NR\_038191.1| Homo sapiens double homeobox 4 (DUX4), non-coding RNA;

gi|332801007|ref|NM\_173658.2| Homo sapiens zinc finger protein 660 (ZNF660), mRNA;

gi|332801009|ref|NM\_175613.2| Homo sapiens contactin 4 (CNTN4), transcript variant 3, mRNA; gi|31980

gi|332801010|ref|NM\_001137674.2| Homo sapiens zinc finger protein 860 (ZNF860), mRNA;

gi|332801026|ref|NM\_178497.3| Homo sapiens chromosome 4 open reading frame 26 (C4orf26), transcrip

gi|332801030|ref|NM\_001080510.3| Homo sapiens methyltransferase like 23 (METTL23), transcript variant

gi|332801043|ref|NR\_038194.1| Homo sapiens long intergenic non-protein coding RNA 583 (LINC00583), n

gi|332801046|ref|NM\_031464.4| Homo sapiens ribosomal protein S6 kinase-like 1 (RPS6KL1), mRNA;

gi|332801053|ref|NM\_001038704.2| Homo sapiens chromosome 17 open reading frame 47 (C17orf47), mRNA;

gi|332801066|ref|NM\_001206993.1| Homo sapiens nuclear receptor subfamily 1, group H, member 4 (NR1H4), mRNA;

gi|332801070|ref|NM\_001206995.1| Homo sapiens protein phosphatase 2, regulatory subunit B, gamma (PPP2R2B), mRNA;

gi|332801076|ref|NM\_001206997.1| Homo sapiens chromosome 4 open reading frame 22 (C4orf22), transcript variant 1, mRNA;

gi|332801079|ref|NM\_001206998.1| Homo sapiens zinc and ring finger 3 (ZNRF3), transcript variant 1, mRNA;

gi|332801081|ref|NM\_001206999.1| Homo sapiens citron (rho-interacting, serine/threonine kinase 21) (CITRIN), mRNA;

gi|332801084|ref|NM\_205548.2| Homo sapiens family with sequence similarity 151, member B (FAM151B), mRNA;

gi|332801088|ref|NM\_052819.2| Homo sapiens caspase recruitment domain family, member 14 (CARD14), mRNA;

gi|332801091|ref|NM\_031372.3| Homo sapiens heterogeneous nuclear ribonucleoprotein D-like (HNRPDL), mRNA;

gi|33285005|ref|NM\_018956.3| Homo sapiens chromosome 9 open reading frame 9 (C9orf9), mRNA;

gi|33285014|ref|NM\_144598.2| Homo sapiens leucine rich repeat containing 28 (LRRC28), mRNA;

gi|33286429|ref|NM\_182728.1| Homo sapiens solute carrier family 7 (amino acid transporter light chain, L-type) (SLC7A7), mRNA;

gi|33286435|ref|NM\_152657.3| Homo sapiens gametogenetin (GGN), mRNA;

gi|33286443|ref|NM\_032427.1| Homo sapiens mastermind-like 2 (Drosophila) (MAML2), mRNA;

gi|33286445|ref|NM\_007346.2| Homo sapiens opioid growth factor receptor (OGFR), mRNA;

gi|33300669|ref|NM\_138418.2| Homo sapiens family with sequence similarity 195, member A (FAM195A), mRNA;

gi|333033770|ref|NM\_198458.2| Homo sapiens zinc finger protein 497 (ZNF497), mRNA; gi|333033774|ref|NM\_001207012.1| Homo sapiens placental growth factor (PGF), transcript variant 2, mRNA;

gi|333033778|ref|NM\_003813.3| Homo sapiens ADAM metallopeptidase domain 21 (ADAM21), mRNA;

gi|333033781|ref|NM\_023944.3| Homo sapiens cytochrome P450, family 4, subfamily F, polypeptide 12 (CYP4F12), mRNA;

gi|333033784|ref|NM\_001207012.1| Homo sapiens placental growth factor (PGF), transcript variant 2, mRNA;

gi|333033786|ref|NM\_001113203.2| Homo sapiens nascent polypeptide-associated complex alpha subunit (NAC-alpha), mRNA;

gi|333033791|ref|NM\_001206931.1| Homo sapiens solute carrier family 6 (neurotransmitter transporter, basic) (SLC6A6), mRNA;

gi|333033794|ref|NM\_005456.3| Homo sapiens mitogen-activated protein kinase 8 interacting protein 1 (MAPK8IP1), mRNA;

gi|333033797|ref|NM\_001206974.1| Homo sapiens deoxyhypusine synthase (DHPS), transcript variant 4, mRNA;

gi|333033810|ref|NM\_001207004.1| Homo sapiens UDP glucuronosyltransferase 2 family, polypeptide B28 (UGT2B28), mRNA;

gi|333033816|ref|NM\_181756.2| Homo sapiens zinc finger protein 233 (ZNF233), transcript variant 1, mRNA;

gi|333108225|ref|NM\_001842.4| Homo sapiens ciliary neurotrophic factor receptor (CNTFR), transcript variant 1, mRNA;

gi|333108229|ref|NR\_038199.1| Homo sapiens uncharacterized LOC100507027 (M1), transcript variant 2, non-coding RNA;

gi|333108230|ref|NM\_002828.3| Homo sapiens protein tyrosine phosphatase, non-receptor type 2 (PTPN2), mRNA;

gi|333108242|ref|NR\_038204.1| Homo sapiens tospeak (LOC100616530), transcript variant 4, non-coding RNA;

gi|333108254|ref|NM\_001207015.1| Homo sapiens protein tyrosine phosphatase, receptor type, R (PTPRR), mRNA;

gi|333108259|ref|NR\_038210.1| Homo sapiens SAMD12 antisense RNA 1 (non-protein coding) (SAMD12-AS1), non-coding RNA;

gi|333108266|ref|NM\_001207020.1| Homo sapiens shisa homolog 8 (Xenopus laevis) (SHISA8), mRNA;

gi|333108277|ref|NM\_025245.2| Homo sapiens pre-B-cell leukemia homeobox 4 (PBX4), transcript variant 1, mRNA;

gi|333360852|ref|NM\_001235.3| Homo sapiens serpin peptidase inhibitor, clade H (heat shock protein 47), member 1 (SERPINC1), mRNA;

gi|333360853|ref|NM\_006932.4| Homo sapiens smoothelin (SMTN), transcript variant 3, mRNA; gi|333360862|ref|NM\_001207023.1| Homo sapiens IQ motif containing F3 (IQCF3), transcript variant 2, mRNA;

gi|333360865|ref|NR\_038214.1| Homo sapiens IQ motif containing F5 pseudogene (IQCF4), transcript variant 1, non-coding RNA;

gi|333360868|ref|NM\_001001802.2| Homo sapiens olfactory receptor, family 2, subfamily A, member 42 (OR42A), mRNA;

gi|333360872|ref|NM\_014243.2| Homo sapiens ADAM metallopeptidase with thrombospondin type 1 motif (ADAMTS-1), mRNA;

gi|333360886|ref|NR\_038219.1| Homo sapiens uncharacterized LOC154092 (LOC154092), transcript variant 1, non-coding RNA;

gi|333360888|ref|NR\_038220.1| Homo sapiens uncharacterized LOC170425 (LOC170425), non-coding RNA;

gi|333360889|ref|NR\_038221.1| Homo sapiens uncharacterized LOC201617 (LOC201617), non-coding RNA;

gi|333360892|ref|NM\_001207030.1| Homo sapiens u3 small nucleolar ribonucleoprotein protein MPP10-lil (MPP10-LIL), mRNA;

gi|333360894|ref|NR\_038222.1| Homo sapiens uncharacterized LOC219731 (LOC219731), non-coding RNA;

gi|333360898|ref|NR\_038223.1| Homo sapiens ZNF503 antisense RNA 1 (non-protein coding) (ZNF503-AS1), non-coding RNA;

gi|333360902|ref|NR\_038227.1| Homo sapiens uncharacterized LOC100506451 (LOC100506451), transcript  
 gi|333360905|ref|NR\_038229.1| Homo sapiens uncharacterized LOC283738 (LOC283738), non-coding RNA,  
 gi|333360906|ref|NM\_001004694.2| Homo sapiens olfactory receptor, family 2, subfamily T, member 29 (C  
 gi|333360908|ref|NR\_038230.1| Homo sapiens uncharacterized LOC284080 (LOC284080), non-coding RNA,  
 gi|333360909|ref|NR\_038231.1| Homo sapiens uncharacterized LOC284998 (LOC284998), non-coding RNA,  
 gi|333360917|ref|NM\_001207043.1| Homo sapiens histocompatibility antigen-related (LOC554223), mRNA  
 gi|33342277|ref|NM\_025204.2| Homo sapiens TraB domain containing (TRABD), mRNA;  
 gi|333440431|ref|NM\_004932.3| Homo sapiens cadherin 6, type 2, K-cadherin (fetal kidney) (CDH6), mRNA  
 gi|333440433|ref|NM\_001207024.1| Homo sapiens mannose-6-phosphate receptor (cation dependent) (M  
 gi|333440435|ref|NM\_207318.3| Homo sapiens family with sequence similarity 199, X-linked (FAM199X), n  
 gi|333440438|ref|NM\_014771.3| Homo sapiens ring finger protein 40, E3 ubiquitin protein ligase (RNF40), t  
 gi|333440444|ref|NR\_038232.1| Homo sapiens uncharacterized LOC285889 (LOC285889), non-coding RNA,  
 gi|333440450|ref|NM\_001207044.1| Homo sapiens cytoplasmic linker associated protein 2 (CLASP2), trans  
 gi|333440462|ref|NM\_138971.3| Homo sapiens beta-site APP-cleaving enzyme 1 (BACE1), transcript varian  
 gi|333440472|ref|NM\_001207052.1| Homo sapiens transmembrane protein 191C (TMEM191C), mRNA;  
 gi|333440474|ref|NR\_038233.1| Homo sapiens uncharacterized LOC100505619 (LOC100505619), non-codi  
 gi|333440477|ref|NR\_038234.1| Homo sapiens uncharacterized LOC100506172 (LOC100506172), non-codi  
 gi|333440479|ref|NM\_019120.3| Homo sapiens protocadherin beta 8 (PCDHB8), mRNA;  
 gi|333440482|ref|NM\_022358.3| Homo sapiens potassium channel, subfamily K, member 15 (KCNK15), mR  
 gi|333440486|ref|NM\_001207055.1| Homo sapiens DNA (cytosine-5-)-methyltransferase 3 beta (DNMT3B)  
 gi|333440490|ref|NR\_038235.1| Homo sapiens uncharacterized LOC100507651 (LOC100507651), non-codi  
 gi|333470682|ref|NM\_032351.4| Homo sapiens mitochondrial ribosomal protein L45 (MRPL45), nuclear ge  
 gi|333470689|ref|NR\_038240.1| Homo sapiens uncharacterized LOC100507629 (LOC100507629), transcrip  
 gi|333470695|ref|NM\_001207062.1| Homo sapiens chromosome 22 open reading frame 23 (C22orf23), tra  
 gi|333470697|ref|NR\_038243.1| Homo sapiens MAP/microtubule affinity-regulating kinase 2 pseudogene 5  
 gi|333470700|ref|NR\_038246.1| Homo sapiens uncharacterized LOC100507557 (LOC100507557), transcrip  
 gi|333470701|ref|NM\_001338.4| Homo sapiens coxsackie virus and adenovirus receptor (CXADR), transcrip  
 gi|333470713|ref|NR\_038250.1| Homo sapiens uncharacterized LOC100507433 (LOC100507433), transcrip  
 gi|333470714|ref|NR\_038251.1| Homo sapiens uncharacterized LOC100507466 (LOC100507466), non-codi  
 gi|333470722|ref|NM\_014670.3| Homo sapiens basic leucine zipper and W2 domains 1 (BZW1), transcript v  
 gi|333470723|ref|NR\_038252.1| Homo sapiens long intergenic non-protein coding RNA 466 (LINC00466), n  
 gi|333470724|ref|NR\_038253.1| Homo sapiens OTU domain containing 7A pseudogene (LOC100288637), ti  
 gi|333470738|ref|NM\_001207037.1| Homo sapiens ets variant 7 (ETV7), transcript variant 4, mRNA; gi|333  
 gi|333470750|ref|NM\_001080413.3| Homo sapiens NOBOX oogenesis homeobox (NOBOX), mRNA;  
 gi|333470752|ref|NR\_038236.1| Homo sapiens uncharacterized LOC100507632 (LOC100507632), non-codi  
 gi|333470761|ref|NR\_038238.1| Homo sapiens uncharacterized LOC151484 (LOC151484), non-coding RNA,  
 gi|333471454|ref|NR\_002569.2| Homo sapiens small Cajal body-specific RNA 9 (SCARNA9), guide RNA;  
 gi|33350927|ref|NM\_021080.3| Homo sapiens disabled homolog 1 (Drosophila) (DAB1), mRNA;  
 gi|33354278|ref|NM\_018559.2| Homo sapiens KIAA1704 (KIAA1704), mRNA;  
 gi|33356147|ref|NM\_005892.3| Homo sapiens formin-like 1 (FMNL1), mRNA;  
 gi|33356162|ref|NM\_004681.2| Homo sapiens eukaryotic translation initiation factor 1A, Y-linked (EIF1AY),  
 gi|33356176|ref|NM\_002834.3| Homo sapiens protein tyrosine phosphatase, non-receptor type 11 (PTPN1  
 gi|33356543|ref|NM\_182734.1| Homo sapiens phospholipase C, beta 1 (phosphoinositide-specific) (PLCB1)  
 gi|33356546|ref|NM\_004526.2| Homo sapiens minichromosome maintenance complex component 2 (MCM  
 gi|33356548|ref|NM\_002388.3| Homo sapiens minichromosome maintenance complex component 3 (MCM  
 gi|33356557|ref|NM\_182681.1| Homo sapiens amelogenin, X-linked (AMELX), transcript variant 2, mRNA; g  
 gi|33356561|ref|NM\_014468.2| Homo sapiens VENT homeobox (VENTX), mRNA;

gi|33359681|ref|NM\_004428.2| Homo sapiens ephrin-A1 (EFNA1), transcript variant 1, mRNA; gi|33359679|ref|NM\_004428.2| Homo sapiens ephrin-A1 (EFNA1), transcript variant 1, mRNA; gi|33359685|ref|NM\_182689.1| Homo sapiens ephrin-A4 (EFNA4), transcript variant 2, mRNA; gi|33359684|ref|NM\_182689.1| Homo sapiens ephrin-A4 (EFNA4), transcript variant 2, mRNA; gi|33359693|ref|NM\_182678.1| Homo sapiens ubiquitin-conjugating enzyme E2E 3 (UBE2E3), transcript variant 1, mRNA; gi|333609221|ref|NM\_030669.2| Homo sapiens protein tyrosine phosphatase, receptor type, O (PTPRO), transcript variant 1, mRNA; gi|333609226|ref|NR\_038241.1| Homo sapiens vezatin, adherens junctions transmembrane protein (VEZT), transcript variant 1, mRNA; gi|333609230|ref|NM\_001207071.1| Homo sapiens family with sequence similarity 181, member A (FAM181A), transcript variant 1, mRNA; gi|333609240|ref|NM\_033062.3| Homo sapiens keratin associated protein 4-2 (KRTAP4-2), mRNA; gi|333609241|ref|NM\_033318.4| Homo sapiens chromosome 22 open reading frame 32 (C22orf32), mRNA; gi|333609244|ref|NM\_001105677.2| Homo sapiens UDP glucuronosyltransferase 2 family, polypeptide A2 (UGT2A2), transcript variant 1, mRNA; gi|333609246|ref|NR\_038256.1| Homo sapiens uncharacterized LOC100507206 (LOC100507206), non-coding RNA; gi|333609247|ref|NM\_153269.2| Homo sapiens chromosome 20 open reading frame 96 (C20orf96), transcript variant 1, mRNA; gi|333609249|ref|NR\_038257.1| Homo sapiens transient receptor potential cation channel, subfamily M, member 1 (TRPM1), transcript variant 1, mRNA; gi|333609250|ref|NM\_001005850.2| Homo sapiens zinc finger protein 835 (ZNF835), mRNA; gi|333609252|ref|NR\_003365.2| Homo sapiens suppressor of G2 allele of SKP1 (S. cerevisiae) pseudogene 3 (SKP1-AS3), non-coding RNA; gi|333609255|ref|NR\_038258.1| Homo sapiens TPTE2 pseudogene (LOC100616668), transcript variant 1, non-coding RNA; gi|333609259|ref|NM\_025224.3| Homo sapiens zinc finger and BTB domain containing 46 (ZBTB46), mRNA; gi|333609262|ref|NR\_038261.1| Homo sapiens human immunodeficiency virus type I enhancer binding protein 1 (HIV-1-HBP1), transcript variant 1, mRNA; gi|333609263|ref|NM\_012193.3| Homo sapiens frizzled family receptor 4 (FZD4), mRNA; gi|333609264|ref|NM\_080834.2| Homo sapiens chromosome 20 open reading frame 152 (C20orf152), transcript variant 1, mRNA; gi|333609270|ref|NM\_152445.2| Homo sapiens family with sequence similarity 161, member B (FAM161B), transcript variant 1, mRNA; gi|333609273|ref|NM\_001013690.4| Homo sapiens fidgetin-like 2 (FIGL2), mRNA; gi|333609275|ref|NR\_038262.1| Homo sapiens MIR210 host gene (non-protein coding) (MIR210HG), non-coding RNA; gi|333609283|ref|NM\_005046.3| Homo sapiens kallikrein-related peptidase 7 (KLK7), transcript variant 1, non-coding RNA; gi|333805597|ref|NM\_001214906.1| Homo sapiens zinc finger protein 48 (ZNF48), transcript variant 2, mRNA; gi|333805601|ref|NR\_038263.1| Homo sapiens uncharacterized LOC144481 (LOC144481), non-coding RNA; gi|333805621|ref|NR\_038264.1| Homo sapiens ADAMTS9 antisense RNA 2 (non-protein coding) (ADAMTS9-AS2), non-coding RNA; gi|333805624|ref|NR\_038265.1| Homo sapiens protein tyrosine phosphatase, receptor type, f polypeptide 1 (PTPRF), transcript variant 1, mRNA; gi|333805629|ref|NR\_038266.1| Homo sapiens MYLK antisense RNA 1 (non-protein coding) (MYLK-AS1), non-coding RNA; gi|333805630|ref|NR\_038267.1| Homo sapiens uncharacterized LOC388553 (LOC388553), non-coding RNA; gi|333805634|ref|NR\_038268.1| Homo sapiens uncharacterized LOC100506835 (LOC100506835), non-coding RNA; gi|333805635|ref|NR\_038269.1| Homo sapiens uncharacterized LOC100506844 (LOC100506844), non-coding RNA; gi|333805636|ref|NM\_001004700.2| Homo sapiens olfactory receptor, family 4, subfamily C, member 11 (OR4C11), transcript variant 1, mRNA; gi|333805639|ref|NR\_038271.1| Homo sapiens uncharacterized LOC100506866 (LOC100506866), transcript variant 1, non-coding RNA; gi|333805645|ref|NM\_172315.2| Homo sapiens Meis homeobox 2 (MEIS2), transcript variant g, mRNA; gi|333805649|ref|NR\_038273.1| Homo sapiens uncharacterized LOC100506874 (LOC100506874), transcript variant 1, non-coding RNA; gi|333805652|ref|NR\_038275.1| Homo sapiens FAM21B pseudogene (FLJ31813), non-coding RNA; gi|333805654|ref|NR\_038276.1| Homo sapiens uncharacterized LOC100506895 (LOC100506895), non-coding RNA; gi|333805655|ref|NR\_038277.1| Homo sapiens uncharacterized LOC100506939 (LOC100506939), non-coding RNA; gi|333805656|ref|NM\_203309.2| Homo sapiens HEAT repeat containing 4 (HEATR4), transcript variant 2, mRNA; gi|333911149|ref|NM\_182795.1| Homo sapiens nucleophosmin/nucleoplasmin 2 (NPM2), mRNA; gi|333944006|ref|NR\_038289.1| Homo sapiens uncharacterized LOC100507086 (LOC100507086), non-coding RNA; gi|333944008|ref|NR\_038290.1| Homo sapiens uncharacterized LOC100507091 (LOC100507091), non-coding RNA; gi|333944016|ref|NR\_038291.1| Homo sapiens uncharacterized LOC100507127 (LOC100507127), non-coding RNA; gi|333944019|ref|NM\_001220490.1| Homo sapiens cadherin 13, H-cadherin (heart) (CDH13), transcript variant 1, mRNA; gi|333944026|ref|NM\_001105571.2| Homo sapiens dehydrogenase/reductase (SDR family) member 7C (SDR7C1), transcript variant 1, mRNA; gi|333944030|ref|NR\_038293.1| Homo sapiens uncharacterized LOC100507173 (LOC100507173), transcript variant 1, non-coding RNA; gi|333944033|ref|NR\_038296.1| Homo sapiens uncharacterized LOC100507194 (LOC100507194), transcript variant 1, non-coding RNA.

gi|333944035|ref|NM\_016373.2| Homo sapiens WW domain containing oxidoreductase (WWOX), transcript v

gi|333944038|ref|NM\_001220494.1| Homo sapiens glycine-N-acyltransferase-like 1 (GLYATL1), transcript v

gi|333944041|ref|NM\_144653.4| Homo sapiens NACC family member 2, BEN and BTB (POZ) domain containi

gi|333944042|ref|NR\_038278.1| Homo sapiens uncharacterized LOC100506930 (LOC100506930), transcript

gi|333944044|ref|NR\_038280.1| Homo sapiens uncharacterized LOC100506963 (LOC100506963), non-codi

gi|333944047|ref|NR\_038283.1| Homo sapiens uncharacterized LOC100506994 (LOC100506994), transcript

gi|333944054|ref|NR\_038284.1| Homo sapiens uncharacterized LOC100507034 (LOC100507034), non-codi

gi|333944056|ref|NR\_038285.1| Homo sapiens MFI2 antisense RNA 1 (non-protein coding) (MFI2-AS1), nor

gi|333944057|ref|NR\_038286.1| Homo sapiens uncharacterized LOC100507062 (LOC100507062), non-codi

gi|333944059|ref|NR\_038288.1| Homo sapiens TEX26 antisense RNA 1 (non-protein coding) (TEX26-AS1), ti

gi|334085180|ref|NR\_038300.1| Homo sapiens uncharacterized LOC100507377 (LOC100507377), non-codi

gi|334085188|ref|NR\_038301.1| Homo sapiens uncharacterized LOC100505687 (LOC100505687), transcript

gi|334085190|ref|NM\_001005205.2| Homo sapiens olfactory receptor, family 8, subfamily J, member 1 (OF

gi|334085194|ref|NR\_038306.1| Homo sapiens uncharacterized LOC100505702 (LOC100505702), transcript

gi|334085199|ref|NR\_038309.1| Homo sapiens uncharacterized LOC100507205 (LOC100507205), non-codi

gi|334085201|ref|NR\_038310.1| Homo sapiens mir-497-195 cluster host gene (non-protein coding) (MIR49

gi|334085204|ref|NM\_001207019.2| Homo sapiens Fc fragment of IgE, low affinity II, receptor for (CD23) (I

gi|334085208|ref|NM\_001220765.1| Homo sapiens IKAROS family zinc finger 1 (Ikaro) (IKZF1), transcript v

gi|334085238|ref|NR\_038316.1| Homo sapiens uncharacterized LOC100505746 (LOC100505746), transcript

gi|334085241|ref|NM\_001220778.1| Homo sapiens cyclin-dependent kinase inhibitor 1A (p21, Cip1) (CDKN

gi|334085243|ref|NR\_038318.1| Homo sapiens uncharacterized LOC100526771 (LOC100526771), non-codi

gi|334085244|ref|NM\_001004742.2| Homo sapiens olfactory receptor, family 5, subfamily M, member 3 (C

gi|334085251|ref|NM\_001242309.1| Homo sapiens pitrilysin metallopeptidase 1 (PITRM1), transcript varia

gi|334085254|ref|NM\_001242310.1| Homo sapiens ectodysplasin A2 receptor (EDA2R), transcript variant 3

gi|334085256|ref|NR\_038319.1| Homo sapiens uncharacterized LOC100505716 (LOC100505716), non-codi

gi|334085259|ref|NM\_001242312.1| Homo sapiens family with sequence similarity 124A (FAM124A), trans

gi|334085261|ref|NR\_038320.1| Homo sapiens uncharacterized LOC100507634 (LOC100507634), non-codi

gi|334085263|ref|NM\_001242313.1| Homo sapiens transmembrane protein 191B (TMEM191B), mRNA;

gi|334085265|ref|NM\_003818.3| Homo sapiens CDP-diacylglycerol synthase (phosphatidate cytidyltransf

gi|334085266|ref|NM\_004721.4| Homo sapiens mitogen-activated protein kinase kinase kinase 13 (MAP3K

gi|334085269|ref|NM\_001005567.2| Homo sapiens olfactory receptor, family 51, subfamily B, member 5 (C

gi|334085278|ref|NR\_038323.1| Homo sapiens uncharacterized LOC100507156 (LOC100507156), non-codi

gi|334085279|ref|NM\_001242319.1| Homo sapiens paraneoplastic Ma antigen family member 6D (PNMA6

gi|334085281|ref|NR\_038324.1| Homo sapiens uncharacterized LOC100505768 (LOC100505768), non-codi

gi|334085284|ref|NR\_038326.1| Homo sapiens uncharacterized LOC100505776 (LOC100505776), transcript

gi|334085298|ref|NM\_024121.2| Homo sapiens transmembrane protein 185B (TMEM185B), mRNA;

gi|33413399|ref|NM\_001984.1| Homo sapiens esterase D (ESD), mRNA;

gi|334191674|ref|NM\_001242326.1| Homo sapiens ubiquitin carboxyl-terminal hydrolase 17-like (LOC7283

gi|334191676|ref|NM\_001242328.1| Homo sapiens ubiquitin carboxyl-terminal hydrolase 17-like (LOC7283

gi|334191678|ref|NM\_001242329.1| Homo sapiens ubiquitin specific peptidase 17-like 5 (USP17L5), mRNA

gi|334191680|ref|NM\_001242330.1| Homo sapiens ubiquitin carboxyl-terminal hydrolase 17-like (LOC7283

gi|334191682|ref|NM\_001242331.1| Homo sapiens ubiquitin carboxyl-terminal hydrolase 17-like (LOC7284

gi|334191684|ref|NM\_001242332.1| Homo sapiens ubiquitin carboxyl-terminal hydrolase 17-like (LOC7284

gi|334191688|ref|NM\_001242333.1| Homo sapiens LIM homeobox 6 (LHX6), transcript variant 3, mRNA; gi

gi|334191696|ref|NM\_001242338.1| Homo sapiens ATPase family, AAA domain containing 2B (ATAD2B), tr

gi|334191699|ref|NM\_002627.4| Homo sapiens phosphofructokinase, platelet (PFKP), transcript variant 1,

gi|334191703|ref|NR\_038328.1| Homo sapiens tektin 4 pseudogene 2 (TEKT4P2), transcript variant 2, non-

gi|334278884|ref|NR\_038330.1| Homo sapiens uncharacterized LOC100505540 (LOC100505540), non-coding RNA; gi|334278885|ref|NR\_038331.1| Homo sapiens uncharacterized LOC100505545 (LOC100505545), non-coding RNA; gi|334278892|ref|NM\_001242348.1| Homo sapiens uncharacterized LOC100287177 (LOC100287177), mRNA; gi|334278895|ref|NR\_038332.1| Homo sapiens uncharacterized LOC100505622 (LOC100505622), non-coding RNA; gi|334278896|ref|NR\_038333.1| Homo sapiens uncharacterized LOC100505658 (LOC100505658), non-coding RNA; gi|334278899|ref|NM\_001005241.2| Homo sapiens olfactory receptor, family 4, subfamily N, member 4 (OR4N4), mRNA; gi|334278903|ref|NR\_038334.1| Homo sapiens uncharacterized LOC100505715 (LOC100505715), non-coding RNA; gi|334278905|ref|NM\_001242350.1| Homo sapiens vanin 2 (VNN2), transcript variant 5, mRNA; gi|178658891|ref|NR\_038335.1| Homo sapiens uncharacterized LOC100505716 (LOC100505716), non-coding RNA; gi|334278911|ref|NR\_038336.1| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 39A (DDX39A), transcript variant 1, mRNA; gi|334285116|ref|NR\_037607.1| Homo sapiens ubiquitin carboxyl-terminal hydrolase L5 (UCHL5), transcript variant 1, mRNA; gi|334285117|ref|NM\_001031713.3| Homo sapiens coiled-coil domain containing 90A (CCDC90A), mRNA; gi|334358854|ref|NR\_038340.1| Homo sapiens uncharacterized LOC100505817 (LOC100505817), non-coding RNA; gi|334358855|ref|NR\_038341.1| Homo sapiens STK4 antisense RNA 1 (non-protein coding) (STK4-AS1), non-coding RNA; gi|334358856|ref|NR\_038342.1| Homo sapiens uncharacterized LOC100505875 (LOC100505875), non-coding RNA; gi|334358865|ref|NM\_001242362.1| Homo sapiens melanoma antigen family D, 4B (MAGED4B), transcript variant 1, mRNA; gi|334358870|ref|NR\_038346.1| Homo sapiens MAGI2 antisense RNA 3 (non-protein coding) (MAGI2-AS3), non-coding RNA; gi|334358884|ref|NM\_017780.3| Homo sapiens chromodomain helicase DNA binding protein 7 (CHD7), mRNA; gi|334358898|ref|NM\_001242357.1| Homo sapiens natural cytotoxicity triggering receptor 1 (NCR1), transcript variant 1, mRNA; gi|334358902|ref|NR\_038338.1| Homo sapiens uncharacterized LOC100505783 (LOC100505783), transcript variant 1, mRNA; gi|334358904|ref|NM\_018702.3| Homo sapiens adenosine deaminase, RNA-specific, B2 (ADARB2), mRNA; gi|33438599|ref|NM\_182633.1| Homo sapiens zinc finger protein 713 (ZNF713), mRNA; gi|33457300|ref|NM\_182833.1| Homo sapiens glycerophosphodiester phosphodiesterase domain containing 1 (GPDPE1), mRNA; gi|33457307|ref|NM\_182547.2| Homo sapiens transmembrane emp24 protein transport domain containing 1 (TMED4), mRNA; gi|33457325|ref|NM\_145657.1| Homo sapiens GS homeobox 1 (GSX1), mRNA; gi|334688815|ref|NM\_001242366.1| Homo sapiens solute carrier family 46 (folate transporter), member 1 (SLC46A1), transcript variant 1, mRNA; gi|334688820|ref|NM\_052866.4| Homo sapiens ADAMTS-like 1 (ADAMTSL1), transcript variant 2, mRNA; gi|334688826|ref|NM\_002524.4| Homo sapiens neuroblastoma RAS viral (v-ras) oncogene homolog (NRAS), transcript variant 1, mRNA; gi|334688832|ref|NM\_001135844.2| Homo sapiens signal-regulatory protein beta 1 (SIRPB1), transcript variant 1, mRNA; gi|334688836|ref|NM\_173050.3| Homo sapiens signal peptide, CUB domain, EGF-like 1 (SCUBE1), mRNA; gi|334688837|ref|NM\_001242374.1| Homo sapiens anaphase promoting complex subunit 13 (ANAPC13), transcript variant 1, mRNA; gi|334688842|ref|NM\_001131019.2| Homo sapiens glial fibrillary acidic protein (GFAP), transcript variant 2, mRNA; gi|334688845|ref|NR\_038351.1| Homo sapiens ENO1 antisense RNA 1 (non-protein coding) (ENO1-AS1), non-coding RNA; gi|334688847|ref|NM\_001242377.1| Homo sapiens DCP2 decapping enzyme homolog (S. cerevisiae) (DCP2), transcript variant 1, mRNA; gi|334688863|ref|NM\_002121.5| Homo sapiens major histocompatibility complex, class II, DP beta 1 (HLA-DPB1), transcript variant 1, mRNA; gi|33469915|ref|NM\_003906.3| Homo sapiens minichromosome maintenance complex component 3 associated 1 (MCM3AP), transcript variant 1, mRNA; gi|33469920|ref|NM\_005915.4| Homo sapiens minichromosome maintenance complex component 6 (MCM6), transcript variant 1, mRNA; gi|33469921|ref|NM\_182776.1| Homo sapiens minichromosome maintenance complex component 7 (MCM7), transcript variant 1, mRNA; gi|33469925|ref|NM\_032485.4| Homo sapiens minichromosome maintenance complex component 8 (MCM8), transcript variant 1, mRNA; gi|33469927|ref|NM\_024553.2| Homo sapiens coiled-coil domain containing 132 (CCDC132), transcript variant 1, mRNA; gi|33469946|ref|NM\_182764.1| Homo sapiens engulfment and cell motility 2 (ELMO2), transcript variant 2, mRNA; gi|33469954|ref|NM\_000240.2| Homo sapiens monoamine oxidase A (MAOA), nuclear gene encoding mitochondrial isoform, mRNA; gi|33469957|ref|NM\_006843.2| Homo sapiens serine dehydratase (SDS), mRNA; gi|33469971|ref|NM\_016228.3| Homo sapiens amino adipate aminotransferase (AADAT), transcript variant 1, mRNA; gi|33469975|ref|NM\_001675.2| Homo sapiens activating transcription factor 4 (tax-responsive enhancer element 4) (ATF4), transcript variant 1, mRNA; gi|33469981|ref|NM\_001715.2| Homo sapiens B lymphoid tyrosine kinase (BLK), mRNA; gi|33469986|ref|NM\_014065.2| Homo sapiens asteroid homolog 1 (Drosophila) (ASTE1), mRNA; gi|334724426|ref|NM\_001242369.1| Homo sapiens calcium channel flower domain containing 1 (CACFD1), transcript variant 1, mRNA.



gi|334724441|ref|NM\_014293.3| Homo sapiens neuronal pentraxin receptor (NPTXR), mRNA;

gi|334724442|ref|NR\_031766.2| Homo sapiens tescalcin (TESC), transcript variant 3, non-coding RNA; gi|26

gi|334724446|ref|NM\_024014.3| Homo sapiens homeobox A6 (HOXA6), mRNA;

gi|334724458|ref|NM\_001242395.1| Homo sapiens synaptotagmin-like 3 (SYTL3), transcript variant 4, mRNA

gi|334724462|ref|NM\_002822.4| Homo sapiens twinfilin, actin-binding protein, homolog 1 (Drosophila) (TV

gi|334724466|ref|NM\_147198.3| Homo sapiens WAP four-disulfide core domain 9 (WFDC9), mRNA;

gi|334724471|ref|NR\_038353.1| Homo sapiens family with sequence similarity 153, member C (FAM153C),

gi|334724472|ref|NM\_022751.2| Homo sapiens family with sequence similarity 59, member A (FAM59A), t

gi|334848114|ref|NM\_020435.3| Homo sapiens gap junction protein, gamma 2, 47kDa (GJC2), mRNA;

gi|334848121|ref|NM\_020731.4| Homo sapiens aryl-hydrocarbon receptor repressor (AHRR), transcript var

gi|334848125|ref|NM\_001242413.1| Homo sapiens protein kinase C, theta (PRKCQ), transcript variant 2, m

gi|334848134|ref|NM\_001242416.1| Homo sapiens WD repeat domain 20 (WDR20), transcript variant 6, m

gi|334848152|ref|NM\_001170820.3| Homo sapiens interferon induced transmembrane protein 10 (IFITM1

gi|334883150|ref|NR\_038355.1| Homo sapiens uncharacterized LOC100628307 (LOC100628307), non-codi

gi|334883152|ref|NR\_038356.1| Homo sapiens uncharacterized LOC100506071 (LOC100506071), non-codi

gi|334883158|ref|NM\_001242442.1| Homo sapiens growth factor receptor-bound protein 7 (GRB7), transc

gi|334883162|ref|NR\_038357.1| Homo sapiens uncharacterized LOC100507331 (LOC100507331), non-codi

gi|334883168|ref|NM\_181986.2| Homo sapiens leukocyte immunoglobulin-like receptor, subfamily A (with

gi|334883175|ref|NM\_001098622.2| Homo sapiens nanos homolog 3 (Drosophila) (NANOS3), mRNA;

gi|334883176|ref|NM\_015246.3| Homo sapiens mahogunin ring finger 1, E3 ubiquitin protein ligase (MGRN

gi|334883187|ref|NM\_001242450.1| Homo sapiens PHD finger protein 21B (PHF21B), transcript variant 3, r

gi|335057494|ref|NR\_038358.1| Homo sapiens uncharacterized LOC283553 (LOC283553), non-coding RNA,

gi|335057502|ref|NM\_001242461.1| Homo sapiens growth hormone receptor (GHR), transcript variant 11,

gi|335057516|ref|NR\_038359.1| Homo sapiens uncharacterized LOC284365 (MGC45922), non-coding RNA;

gi|335057519|ref|NM\_001242463.1| Homo sapiens F-box protein 32 (FBXO32), transcript variant 3, mRNA;

gi|335057522|ref|NM\_181505.3| Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 1B (P

gi|335057525|ref|NM\_006379.3| Homo sapiens sema domain, immunoglobulin domain (Ig), short basic do

gi|335057527|ref|NR\_038360.1| Homo sapiens uncharacterized LOC100506540 (LOC100506540), non-codi

gi|335057541|ref|NM\_014924.4| Homo sapiens ATG14 autophagy related 14 homolog (S. cerevisiae) (ATG1

gi|335057544|ref|NM\_003419.4| Homo sapiens zinc finger protein 345 (ZNF345), transcript variant 1, mRN

gi|335057547|ref|NM\_001242473.1| Homo sapiens hCG2045437 (LOC388276), mRNA;

gi|335057549|ref|NR\_038361.1| Homo sapiens uncharacterized LOC100505854 (LOC100505854), non-codi

gi|335057559|ref|NR\_002753.5| Homo sapiens RNA, U5F small nuclear 1 (RNU5F-1), small nuclear RNA;

gi|335057560|ref|NR\_002756.2| Homo sapiens RNA, U5A small nuclear 1 (RNU5A-1), small nuclear RNA;

gi|335057562|ref|NM\_001007246.2| Homo sapiens bromodomain and WD repeat domain containing 1 (BR

gi|335057564|ref|NM\_024641.3| Homo sapiens mannosidase, endo-alpha (MANEA), mRNA;

gi|335057573|ref|NM\_205863.3| Homo sapiens par-3 partitioning defective 3 homolog B (C. elegans) (PARI

gi|33519429|ref|NM\_182743.1| Homo sapiens thioredoxin reductase 1 (TXNRD1), transcript variant 4, mRN

gi|33519449|ref|NM\_176820.2| Homo sapiens NLR family, pyrin domain containing 9 (NLRP9), mRNA;

gi|33519456|ref|NM\_013283.3| Homo sapiens methionine adenosyltransferase II, beta (MAT2B), transcript

gi|33519464|ref|NM\_014222.2| Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 8, :

gi|33519465|ref|NM\_004546.2| Homo sapiens NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 2, 8

gi|33519473|ref|NM\_005831.3| Homo sapiens calcium binding and coiled-coil domain 2 (CALCOCO2), mRN

gi|335334920|ref|NM\_138378.2| Homo sapiens ferredoxin-fold anticodon binding domain containing 1 (FD

gi|335334933|ref|NM\_001242480.1| Homo sapiens uncharacterized LOC389831 (LOC389831), mRNA;

gi|335334935|ref|NR\_038365.1| Homo sapiens FLJ46300 protein (FLJ46300), non-coding RNA;

gi|335334938|ref|NM\_001242482.1| Homo sapiens eukaryotic translation initiation factor 1A domain cont:

gi|335334943|ref|NR\_038368.1| Homo sapiens long intergenic non-protein coding RNA 273 (LINC00273), n  
 gi|335334955|ref|NR\_038369.1| Homo sapiens long intergenic non-protein coding RNA 487 (LINC00487), n  
 gi|335334957|ref|NR\_038370.1| Homo sapiens NDRG family member 3 (NDRG3), transcript variant 3, non-  
 gi|335334959|ref|NR\_038371.1| Homo sapiens uncharacterized LOC401337 (FLJ45974), non-coding RNA;  
 gi|335334961|ref|NM\_001242487.1| Homo sapiens KIAA0913 (KIAA0913), transcript variant 2, mRNA; gi|3  
 gi|335334965|ref|NM\_014138.4| Homo sapiens family with sequence similarity 156, member A (FAM156A)  
 gi|335334985|ref|NM\_001242498.1| Homo sapiens MIF4G domain containing (MIF4GD), transcript variant  
 gi|335334988|ref|NR\_038372.1| Homo sapiens uncharacterized LOC402779 (LOC402779), non-coding RNA  
 gi|335334989|ref|NM\_001080414.3| Homo sapiens coiled-coil domain containing 88C (CCDC88C), mRNA;  
 gi|335334996|ref|NR\_038373.1| Homo sapiens chromosome 10 open reading frame 103 (C10orf103), non-  
 gi|335334998|ref|NM\_032110.2| Homo sapiens DMRT-like family A2 (DMRTA2), mRNA;  
 gi|335334999|ref|NR\_038377.1| Homo sapiens uncharacterized LOC441058 (MGC39584), non-coding RNA;  
 gi|335335000|ref|NM\_019104.2| Homo sapiens lin-37 homolog (C. elegans) (LIN37), mRNA;  
 gi|335335002|ref|NM\_183425.2| Homo sapiens RNA binding motif protein 38 (RBM38), transcript variant 2  
 gi|335335005|ref|NR\_038378.1| Homo sapiens uncharacterized LOC441242 (LOC441242), non-coding RNA  
 gi|335335010|ref|NM\_181528.3| Homo sapiens N(alpha)-acetyltransferase 20, NatB catalytic subunit (NAA  
 gi|335335011|ref|NM\_016470.7| Homo sapiens chromosome 20 open reading frame 111 (C20orf111), mR  
 gi|335353771|ref|NR\_038366.1| Homo sapiens HOXA transcript antisense RNA, myeloid-specific 1 (non-prc  
 gi|335353776|ref|NR\_038374.1| Homo sapiens uncharacterized LOC100507605 (LOC100507605), transcrip  
 gi|335353783|ref|NM\_001242503.1| Homo sapiens deiodinase, iodothyronine, type II (DIO2), transcript va  
 gi|335353786|ref|NM\_018030.4| Homo sapiens oxysterol binding protein-like 1A (OSBPL1A), transcript vari  
 gi|335353789|ref|NR\_038379.1| Homo sapiens leucine carboxyl methyltransferase 1 pseudogene (LOC5542  
 gi|335353790|ref|NR\_038380.1| Homo sapiens uncharacterized LOC641364 (LOC641364), non-coding RNA  
 gi|335353794|ref|NR\_038381.1| Homo sapiens TSC22D1 antisense RNA 1 (non-protein coding) (TSC22D1-A  
 gi|335353795|ref|NR\_038382.1| Homo sapiens hCG2024094 (LOC643529), non-coding RNA;  
 gi|335353799|ref|NR\_038383.1| Homo sapiens uncharacterized LOC643770 (LOC643770), non-coding RNA  
 gi|335353803|ref|NM\_015284.3| Homo sapiens seizure threshold 2 homolog (mouse) (SZT2), mRNA;  
 gi|335353805|ref|NM\_006091.4| Homo sapiens coronin, actin binding protein, 2B (CORO2B), transcript var  
 gi|335353806|ref|NR\_038384.1| Homo sapiens uncharacterized LOC728012 (LOC728012), non-coding RNA  
 gi|335353807|ref|NR\_038385.1| Homo sapiens uncharacterized LOC728084 (LOC728084), non-coding RNA  
 gi|335353808|ref|NM\_004920.2| Homo sapiens apoptosis-associated tyrosine kinase (AATK), transcript var  
 gi|335353814|ref|NR\_033796.2| Homo sapiens destrin (actin depolymerizing factor) pseudogene 2 (DSTNP  
 gi|33563295|ref|NM\_133498.2| Homo sapiens sperm acrosome associated 4 (SPACA4), mRNA;  
 gi|33563316|ref|NR\_001560.1| Homo sapiens cytochrome c, somatic pseudogene 52 (CYCSP52), non-codin  
 gi|33563375|ref|NM\_019020.2| Homo sapiens TBC1 domain family, member 16 (TBC1D16), mRNA;  
 gi|335883181|ref|NM\_004228.6| Homo sapiens cytohesin 2 (CYTH2), transcript variant 2, mRNA; gi|335883  
 gi|335883183|ref|NM\_033554.3| Homo sapiens major histocompatibility complex, class II, DP alpha 1 (HLA  
 gi|335892791|ref|NM\_001242539.1| Homo sapiens nuclear receptor coactivator 6 (NCOA6), transcript vari  
 gi|335892804|ref|NR\_038391.1| Homo sapiens anaphase promoting complex subunit 16 (ANAPC16), transcr  
 gi|335892806|ref|NM\_182626.2| Homo sapiens chromosome 2 open reading frame 48 (C2orf48), mRNA;  
 gi|335892821|ref|NR\_038386.1| Homo sapiens uncharacterized LOC728537 (LOC728537), non-coding RNA  
 gi|335892824|ref|NM\_032959.5| Homo sapiens polymerase (RNA) II (DNA directed) polypeptide J2 (POLR2  
 gi|335892840|ref|NM\_001242521.1| Homo sapiens uncharacterized LOC729059 (LOC729059), mRNA;  
 gi|335892848|ref|NR\_003148.3| Homo sapiens tropomyosin 3 pseudogene (LOC147804), non-coding RNA;  
 gi|335892855|ref|NR\_038387.1| Homo sapiens uncharacterized LOC730091 (LOC730091), non-coding RNA  
 gi|335892856|ref|NR\_038388.1| Homo sapiens uncharacterized LOC729444 (LOC729444), non-coding RNA  
 gi|335892865|ref|NR\_038389.1| Homo sapiens uncharacterized LOC100129722 (LOC100129722), non-codi

gi|335892879|ref|NM\_001242537.1| Homo sapiens major facilitator superfamily domain containing 11 (MF  
gi|335892885|ref|NM\_139015.4| Homo sapiens signal peptide peptidase like 3 (SPPL3), mRNA;  
gi|335892886|ref|NR\_038390.1| Homo sapiens Wilms tumor 1 associated protein pseudogene (LOC100288  
gi|33589813|ref|NM\_006336.2| Homo sapiens zer-1 homolog (C. elegans) (ZER1), mRNA;  
gi|33589845|ref|NM\_005885.2| Homo sapiens membrane-associated ring finger (C3HC4) 6, E3 ubiquitin pr  
gi|33589823|ref|NM\_016240.2| Homo sapiens scavenger receptor class A, member 3 (SCARA3), transcript v  
gi|33589843|ref|NM\_016112.2| Homo sapiens polycystic kidney disease 2-like 1 (PKD2L1), transcript varian  
gi|33589845|ref|NM\_182811.1| Homo sapiens phospholipase C, gamma 1 (PLCG1), transcript variant 2, mR  
gi|33589851|ref|NM\_006466.2| Homo sapiens polymerase (RNA) III (DNA directed) polypeptide F, 39 kDa (l  
gi|33589861|ref|NM\_004443.3| Homo sapiens EPH receptor B3 (EPHB3), mRNA;  
gi|33589862|ref|NM\_015458.3| Homo sapiens myotubularin related protein 9 (MTMR9), mRNA;  
gi|336020344|ref|NR\_038394.1| Homo sapiens uncharacterized LOC100270679 (LOC100270679), non-codi  
gi|336020346|ref|NR\_038395.1| Homo sapiens uncharacterized LOC100134015 (LOC100134015), non-codi  
gi|336020354|ref|NM\_145686.3| Homo sapiens mitogen-activated protein kinase kinase kinase 4 (N  
gi|336020363|ref|NR\_038397.1| Homo sapiens DNM3 opposite strand/antisense RNA (non-protein coding)  
gi|336020375|ref|NR\_038399.1| Homo sapiens uncharacterized LOC100132735 (LOC100132735), non-codi  
gi|336020376|ref|NR\_038400.1| Homo sapiens long intergenic non-protein coding RNA 308 (LINC00308), n  
gi|336020377|ref|NR\_038401.1| Homo sapiens uncharacterized LOC100131047 (LOC100131047), non-codi  
gi|336020380|ref|NR\_038402.1| Homo sapiens uncharacterized LOC100507387 (LOC100507387), non-codi  
gi|336020381|ref|NM\_017612.3| Homo sapiens zinc finger, CCHC domain containing 8 (ZCCHC8), mRNA;  
gi|336020390|ref|NR\_038403.1| Homo sapiens uncharacterized LOC100507423 (LOC100507423), non-codi  
gi|336020391|ref|NR\_038404.1| Homo sapiens uncharacterized LOC100506801 (LOC100506801), non-codi  
gi|336020392|ref|NR\_038405.1| Homo sapiens uncharacterized LOC100129662 (LOC100129662), non-codi  
gi|336088614|ref|NR\_038393.1| Homo sapiens uncharacterized LOC100506178 (LOC100506178), non-codi  
gi|336088615|ref|NR\_038396.1| Homo sapiens uncharacterized LOC100506469 (LOC100506469), non-codi  
gi|336088616|ref|NM\_033386.3| Homo sapiens MICAL-like 1 (MICALL1), mRNA;  
gi|336088619|ref|NM\_001242575.1| Homo sapiens uncharacterized LOC100130451 (LOC100130451), mRN  
gi|336088628|ref|NR\_038406.1| Homo sapiens uncharacterized LOC100128126 (LOC100128126), non-codi  
gi|336088633|ref|NR\_038407.1| Homo sapiens long intergenic non-protein coding RNA 525 (LINC00525), n  
gi|336088634|ref|NM\_018993.3| Homo sapiens Ras and Rab interactor 2 (RIN2), transcript variant 2, mRNA  
gi|336088643|ref|NR\_038408.1| Homo sapiens uncharacterized LOC100128176 (LOC100128176), non-codi  
gi|336088644|ref|NR\_038409.1| Homo sapiens uncharacterized LOC90499 (LOC90499), non-coding RNA;  
gi|336088650|ref|NR\_038419.1| Homo sapiens uncharacterized LOC100129213 (LOC100129213), non-codi  
gi|336088658|ref|NR\_038420.1| Homo sapiens ZRANB2 antisense RNA 1 (non-protein coding) (ZRANB2-AS:  
gi|336088661|ref|NR\_038421.1| Homo sapiens uncharacterized LOC731223 (LOC731223), non-coding RNA,  
gi|336088665|ref|NR\_038423.1| Homo sapiens uncharacterized LOC100289211 (LOC100289211), non-codi  
gi|336088670|ref|NR\_038424.1| Homo sapiens microtubule-associated protein 1 light chain 3 beta pseudo  
gi|336088674|ref|NR\_038425.1| Homo sapiens uncharacterized LOC284576 (LOC284576), non-coding RNA,  
gi|336088678|ref|NR\_038426.1| Homo sapiens uncharacterized LOC100506795 (LOC100506795), non-codi  
gi|336088679|ref|NM\_001242589.1| Homo sapiens triggering receptor expressed on myeloid cells 1 (TREM  
gi|336088681|ref|NR\_038427.1| Homo sapiens uncharacterized LOC100505624 (LOC100505624), non-codi  
gi|336176013|ref|NR\_038441.1| Homo sapiens uncharacterized LOC100128590 (LOC100128590), non-codi  
gi|336176020|ref|NR\_038442.1| Homo sapiens uncharacterized LOC147093 (LOC147093), non-coding RNA,  
gi|336176022|ref|NR\_038443.1| Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 2 pseu  
gi|336176029|ref|NR\_038444.1| Homo sapiens uncharacterized LOC728558 (LOC728558), non-coding RNA,  
gi|336176031|ref|NR\_038445.1| Homo sapiens uncharacterized LOC283585 (LOC283585), non-coding RNA,  
gi|336176044|ref|NR\_038411.1| Homo sapiens uncharacterized LOC100506779 (LOC100506779), transcrip

gi|336176055|ref|NR\_038428.1| Homo sapiens chromosome X open reading frame 28 (CXorf28), non-coding RNA

gi|336176059|ref|NM\_001242598.1| Homo sapiens transmembrane protein 147 (TMEM147), transcript variant 1, mRNA

gi|336176068|ref|NR\_038430.1| Homo sapiens uncharacterized LOC100506054 (LOC100506054), transcript variant 1, mRNA

gi|336176076|ref|NR\_038432.1| Homo sapiens uncharacterized LOC100506274 (LOC100506274), non-coding RNA

gi|336176084|ref|NR\_038434.1| Homo sapiens uncharacterized LOC100506474 (LOC100506474), non-coding RNA

gi|336176085|ref|NM\_139126.3| Homo sapiens peptidylprolyl isomerase (cyclophilin)-like 4 (PPIL4), mRNA

gi|336176090|ref|NM\_024776.3| Homo sapiens NKF3 kinase family member (PEAK1), mRNA

gi|336176095|ref|NR\_038435.1| Homo sapiens HOXD cluster antisense RNA 2 (non-protein coding) (HOXD-AS2), transcript variant 1, mRNA

gi|336176096|ref|NM\_001242613.1| Homo sapiens family with sequence similarity 75, member A4 (FAM75A), transcript variant 1, mRNA

gi|336176098|ref|NR\_038436.1| Homo sapiens uncharacterized LOC145216 (LOC145216), non-coding RNA

gi|336176099|ref|NR\_038437.1| Homo sapiens uncharacterized LOC100507443 (LOC100507443), non-coding RNA

gi|336176101|ref|NR\_038438.1| Homo sapiens uncharacterized LOC146513 (LOC146513), non-coding RNA

gi|336176102|ref|NM\_001242614.1| Homo sapiens CD99 molecule-like 2 (CD99L2), transcript variant 5, mRNA

gi|336176111|ref|NM\_001242618.1| Homo sapiens nuclear transport factor 2-like export factor 2 (NXT2), transcript variant 1, mRNA

gi|336176114|ref|NR\_038439.1| Homo sapiens uncharacterized LOC253962 (LOC253962), non-coding RNA

gi|336176118|ref|NR\_038440.1| Homo sapiens uncharacterized LOC255480 (LOC255480), non-coding RNA

gi|33620720|ref|NM\_014015.3| Homo sapiens Dexi homolog (mouse) (DEXI), mRNA

gi|33624895|ref|NM\_182920.1| Homo sapiens ADAM metalloproteinase with thrombospondin type 1 motif 1 (ADAMTS-1), transcript variant 1, mRNA

gi|336285180|ref|NR\_038446.1| Homo sapiens uncharacterized LOC100130231 (LOC100130231), transcript variant 1, mRNA

gi|336285188|ref|NR\_038449.1| Homo sapiens uncharacterized LOC440288 (LOC440288), transcript variant 1, mRNA

gi|336285203|ref|NM\_018988.3| Homo sapiens glucose-fructose oxidoreductase domain containing 1 (GFC1), transcript variant 1, mRNA

gi|336285222|ref|NR\_038450.1| Homo sapiens phosphorylase kinase, gamma 1 (muscle) pseudogene (LOC100130348), transcript variant 1, mRNA

gi|336285227|ref|NM\_001242631.1| Homo sapiens uncharacterized LOC100130348 (LOC100130348), mRNA

gi|336285242|ref|NR\_038453.1| Homo sapiens uncharacterized LOC728978 (LOC728978), non-coding RNA

gi|336285246|ref|NR\_038454.1| Homo sapiens phosphoribosyl pyrophosphate synthetase 2 pseudogene (LOC100507389), transcript variant 1, mRNA

gi|336285251|ref|NR\_038455.1| Homo sapiens uncharacterized LOC100507389 (LOC100507389), non-coding RNA

gi|336285263|ref|NR\_038458.1| Homo sapiens uncharacterized LOC400604 (LOC400604), non-coding RNA

gi|336285276|ref|NR\_038460.1| Homo sapiens uncharacterized LOC284865 (LOC284865), non-coding RNA

gi|336285280|ref|NR\_038462.1| Homo sapiens uncharacterized LOC100128420 (LOC100128420), transcript variant 1, mRNA

gi|336285291|ref|NR\_038464.1| Homo sapiens uncharacterized LOC439990 (LOC439990), non-coding RNA

gi|336285420|ref|NM\_004532.5| Homo sapiens mucin 4, cell surface associated (MUC4), transcript variant 1, mRNA

gi|336285435|ref|NM\_181351.4| Homo sapiens neural cell adhesion molecule 1 (NCAM1), transcript variant 1, mRNA

gi|336285445|ref|NR\_038825.1| Homo sapiens uncharacterized LOC100506013 (LOC100506013), non-coding RNA

gi|336285447|ref|NR\_038826.1| Homo sapiens uncharacterized LOC100506035 (LOC100506035), non-coding RNA

gi|336285450|ref|NR\_038828.1| Homo sapiens uncharacterized LOC100130197 (LOC100130197), transcript variant 1, mRNA

gi|336285452|ref|NM\_006221.3| Homo sapiens peptidylprolyl cis/trans isomerase, NIMA-interacting 1 (PIN1), transcript variant 1, mRNA

gi|336285456|ref|NR\_038829.1| Homo sapiens uncharacterized LOC649133 (LOC649133), non-coding RNA

gi|336285459|ref|NR\_038832.1| Homo sapiens HOXA cluster antisense RNA 3 (non-protein coding) (HOXA-AS3), transcript variant 1, mRNA

gi|336285462|ref|NR\_038833.1| Homo sapiens uncharacterized LOC494558 (LOC494558), non-coding RNA

gi|336285464|ref|NR\_038834.1| Homo sapiens uncharacterized LOC100505989 (LOC100505989), non-coding RNA

gi|336285466|ref|NR\_038835.1| Homo sapiens uncharacterized LOC645249 (LOC645249), non-coding RNA

gi|336285467|ref|NM\_001025160.2| Homo sapiens CD97 molecule (CD97), transcript variant 3, mRNA

gi|336285472|ref|NR\_038836.1| Homo sapiens checkpoint kinase 2 pseudogene 2 (CHEK2P2), non-coding RNA

gi|336285474|ref|NR\_038837.1| Homo sapiens uncharacterized LOC645949 (LOC645949), non-coding RNA

gi|336285477|ref|NR\_038838.1| Homo sapiens uncharacterized LOC100506122 (LOC100506122), non-coding RNA

gi|336285479|ref|NR\_038839.1| Homo sapiens uncharacterized LOC645355 (LOC645355), non-coding RNA

gi|336285480|ref|NR\_038840.1| Homo sapiens uncharacterized LOC645206 (LOC645206), non-coding RNA

gi|336285482|ref|NM\_024332.3| Homo sapiens BRCA1/BRCA2-containing complex, subunit 3 (BRCC3), tra

gi|336285490|ref|NR\_038841.1| Homo sapiens uncharacterized LOC100506746 (LOC100506746), non-codi

gi|33636716|ref|NM\_025182.2| Homo sapiens family with sequence similarity 214, member B (FAM214B),

gi|336391090|ref|NR\_038844.1| Homo sapiens uncharacterized LOC644838 (LOC644838), non-coding RNA,

gi|336391091|ref|NM\_002865.2| Homo sapiens RAB2A, member RAS oncogene family (RAB2A), transcript

gi|336391094|ref|NR\_038845.1| Homo sapiens uncharacterized LOC643723 (LOC643723), non-coding RNA,

gi|336391095|ref|NR\_038846.1| Homo sapiens uncharacterized LOC643441 (LOC643441), non-coding RNA,

gi|336391096|ref|NR\_038847.1| Homo sapiens uncharacterized LOC100505576 (LOC100505576), non-codi

gi|336391099|ref|NR\_038848.1| Homo sapiens uncharacterized LOC643401 (LOC643401), non-coding RNA,

gi|336391100|ref|NR\_038849.1| Homo sapiens uncharacterized LOC100505633 (LOC100505633), non-codi

gi|336391101|ref|NR\_038850.1| Homo sapiens uncharacterized LOC554201 (LOC554201), non-coding RNA,

gi|336391103|ref|NR\_038852.1| Homo sapiens uncharacterized LOC503519 (LOC503519), non-coding RNA,

gi|336391104|ref|NR\_038853.1| Homo sapiens uncharacterized LOC441461 (LOC441461), non-coding RNA,

gi|336391106|ref|NM\_022344.3| Homo sapiens chromosome 17 open reading frame 75 (C17orf75), mRNA

gi|336391107|ref|NR\_038854.1| Homo sapiens uncharacterized LOC100506668 (LOC100506668), non-codi

gi|336391108|ref|NR\_038855.1| Homo sapiens long intergenic non-protein coding RNA 307 (LINC00307), n

gi|336391109|ref|NR\_038856.1| Homo sapiens uncharacterized LOC100506810 (LOC100506810), non-codi

gi|336391110|ref|NR\_038857.1| Homo sapiens uncharacterized LOC441009 (LOC441009), non-coding RNA,

gi|336391112|ref|NR\_038859.1| Homo sapiens long intergenic non-protein coding RNA 311 (LINC00311), n

gi|336391116|ref|NR\_038861.1| Homo sapiens uncharacterized LOC100507043 (LOC100507043), non-codi

gi|336391117|ref|NR\_038862.1| Homo sapiens uncharacterized LOC399923 (FLJ42102), non-coding RNA;

gi|336391118|ref|NM\_145652.3| Homo sapiens WAP four-disulfide core domain 5 (WFDC5), mRNA;

gi|336391119|ref|NR\_038863.1| Homo sapiens uncharacterized LOC285758 (LOC285758), non-coding RNA,

gi|336391120|ref|NR\_038864.1| Homo sapiens uncharacterized LOC401324 (LOC401324), non-coding RNA,

gi|336391121|ref|NR\_038865.1| Homo sapiens C19orf29 antisense RNA 1 (non-protein coding) (C19orf29-*antisense*),

gi|336391124|ref|NM\_001242648.1| Homo sapiens phosphatase and actin regulator 1 (PHACTR1), transcript

gi|336391130|ref|NR\_038866.1| Homo sapiens BSN antisense RNA 2 (non-protein coding) (BSN-AS2), non-c

gi|336391131|ref|NR\_038867.1| Homo sapiens ZNF32 antisense RNA 3 (non-protein coding) (ZNF32-AS3), r

gi|336391132|ref|NR\_038868.1| Homo sapiens chromosome 12 open reading frame 37 (C12orf37), non-co

gi|336391141|ref|NR\_038452.1| Homo sapiens uncharacterized LOC100505681 (LOC100505681), non-codi

gi|336391143|ref|NR\_038456.1| Homo sapiens N-ethylmaleimide-sensitive factor attachment protein, alph

gi|336391155|ref|NM\_001242636.1| Homo sapiens interleukin 31 receptor A (IL31RA), transcript variant 2,

gi|336391163|ref|NR\_038842.1| Homo sapiens uncharacterized LOC728431 (LOC728431), non-coding RNA,

gi|336455029|ref|NM\_004987.5| Homo sapiens LIM and senescent cell antigen-like domains 1 (LIMS1), tra

gi|336455031|ref|NR\_038869.1| Homo sapiens uncharacterized LOC254099 (LOC254099), non-coding RNA,

gi|336455038|ref|NM\_033119.4| Homo sapiens naked cuticle homolog 1 (Drosophila) (NKD1), mRNA;

gi|336455039|ref|NM\_001242659.1| Homo sapiens chromosome 1 open reading frame 233 (C1orf233), m

gi|336455044|ref|NR\_038870.1| Homo sapiens C21orf91 overlapping transcript 1 (non-protein coding) (C2

gi|336455047|ref|NR\_038872.1| Homo sapiens long intergenic non-protein coding RNA 317 (LINC00317), n

gi|336455048|ref|NR\_038873.1| Homo sapiens tumor necrosis factor receptor superfamily, member 10d, d

gi|336455051|ref|NR\_038874.1| Homo sapiens uncharacterized LOC286177 (LOC286177), non-coding RNA,

gi|336455052|ref|NR\_038875.1| Homo sapiens uncharacterized LOC286184 (LOC286184), non-coding RNA,

gi|336455055|ref|NR\_038876.1| Homo sapiens uncharacterized LOC100129027 (LOC100129027), non-codi

gi|336455057|ref|NR\_038877.1| Homo sapiens uncharacterized LOC286189 (LOC286189), non-coding RNA,

gi|336455058|ref|NR\_038878.1| Homo sapiens long intergenic non-protein coding RNA 550 (LINC00550), n

gi|336455061|ref|NR\_038879.1| Homo sapiens GCFC1 antisense RNA 1 (non-protein coding) (GCFC1-AS1), t

gi|336455065|ref|NR\_038881.1| Homo sapiens uncharacterized LOC286190 (LOC286190), non-coding RNA,

gi|336455066|ref|NR\_038882.1| Homo sapiens uncharacterized LOC286370 (LOC286370), non-coding RNA;  
gi|336455071|ref|NM\_001080529.2| Homo sapiens WAS/WASL interacting protein family, member 3 (WIPI  
gi|336455077|ref|NM\_001242668.1| Homo sapiens chromosome 8 open reading frame 87 (C8orf87), mRNA;  
gi|336455081|ref|NR\_038883.1| Homo sapiens uncharacterized LOC100506334 (LOC100506334), non-codi  
gi|336455082|ref|NR\_038884.1| Homo sapiens uncharacterized LOC399708 (LOC399708), non-coding RNA;  
gi|336455083|ref|NR\_038885.1| Homo sapiens uncharacterized LOC100506385 (LOC100506385), transcrip  
gi|336455087|ref|NM\_001242671.1| Homo sapiens chromosome 20 open reading frame 78 (C20orf78), m  
gi|336455089|ref|NR\_038887.1| Homo sapiens uncharacterized LOC401260 (FLJ41649), non-coding RNA;  
gi|336455090|ref|NM\_001242672.1| Homo sapiens tetratricopeptide repeat domain 34 (TTC34), mRNA;  
gi|336455092|ref|NR\_038888.1| Homo sapiens uncharacterized LOC284950 (LOC284950), non-coding RNA;  
gi|336455100|ref|NM\_001242676.1| Homo sapiens adenosylhomocysteinase-like 1 (AHCYL1), transcript va  
gi|336455102|ref|NR\_038890.1| Homo sapiens cyclin Y-like 1 pseudogene (LOC100132781), non-coding RN  
gi|336455103|ref|NR\_038891.1| Homo sapiens uncharacterized LOC285000 (LOC285000), non-coding RNA;  
gi|336455107|ref|NR\_038889.1| Homo sapiens uncharacterized LOC401320 (LOC401320), non-coding RNA;  
gi|336455108|ref|NR\_038892.1| Homo sapiens CBR3 antisense RNA 1 (non-protein coding) (CBR3-AS1), tra  
gi|336455111|ref|NR\_038895.1| Homo sapiens uncharacterized LOC201477 (LOC201477), non-coding RNA;  
gi|336455119|ref|NM\_001242680.1| Homo sapiens zinc finger protein 729 (ZNF729), mRNA;  
gi|336455121|ref|NR\_038897.1| Homo sapiens uncharacterized LOC285084 (LOC285084), non-coding RNA;  
gi|336455126|ref|NR\_038898.1| Homo sapiens DSCAM antisense RNA 1 (non-protein coding) (DSCAM-AS1)  
gi|336455130|ref|NR\_038901.1| Homo sapiens long intergenic non-protein coding RNA 251 (LINC00251), n  
gi|336455144|ref|NR\_038902.1| Homo sapiens uncharacterized LOC153469 (LOC153469), non-coding RNA;  
gi|336455151|ref|NR\_038843.1| Homo sapiens golgin A8 family, member B pseudogene (LOC653061), non-  
gi|336455152|ref|NR\_038237.1| Homo sapiens uncharacterized LOC100507567 (LOC100507567), non-codi  
gi|336594231|ref|NM\_001242690.1| Homo sapiens endogenous retrovirus group MER34, member 1 (ERVN  
gi|336594346|ref|NR\_038903.1| Homo sapiens uncharacterized LOC100506233 (LOC100506233), non-codi  
gi|336594381|ref|NR\_038904.1| Homo sapiens uncharacterized LOC100506305 (LOC100506305), non-codi  
gi|336594383|ref|NR\_038905.1| Homo sapiens uncharacterized LOC100506368 (LOC100506368), non-codi  
gi|336594400|ref|NR\_038906.1| Homo sapiens uncharacterized LOC643623 (LOC643623), non-coding RNA;  
gi|336594420|ref|NR\_038907.1| Homo sapiens uncharacterized LOC100507300 (LOC100507300), non-codi  
gi|336594460|ref|NR\_038908.1| Homo sapiens uncharacterized LOC100507392 (LOC100507392), non-codi  
gi|336594531|ref|NM\_001242692.1| Homo sapiens solute carrier family 14 (urea transporter), member 2 (:  
gi|336594533|ref|NR\_038909.1| Homo sapiens uncharacterized LOC100507401 (LOC100507401), non-codi  
gi|336594538|ref|NR\_038910.1| Homo sapiens uncharacterized LOC100129845 (LOC100129845), non-codi  
gi|336594541|ref|NR\_038911.1| Homo sapiens uncharacterized LOC284889 (LOC284889), non-coding RNA;  
gi|336594543|ref|NR\_038912.1| Homo sapiens uncharacterized LOC100505978 (LOC100505978), non-codi  
gi|336594547|ref|NM\_001242696.1| Homo sapiens uncharacterized LOC283403 (LOC283403), mRNA;  
gi|336594557|ref|NR\_038913.1| Homo sapiens uncharacterized LOC100507589 (LOC100507589), non-codi  
gi|336594617|ref|NR\_038914.1| Homo sapiens uncharacterized LOC100128787 (LOC100128787), non-codi  
gi|336594657|ref|NR\_038916.1| Homo sapiens uncharacterized LOC340037 (LOC340037), transcript varian  
gi|336594671|ref|NR\_038917.1| Homo sapiens uncharacterized LOC284933 (LOC284933), non-coding RNA;  
gi|336594682|ref|NR\_038918.1| Homo sapiens uncharacterized LOC339666 (LOC339666), non-coding RNA;  
gi|336594700|ref|NR\_038919.1| Homo sapiens uncharacterized LOC100128993 (LOC100128993), non-codi  
gi|336594718|ref|NM\_001242698.1| Homo sapiens uncharacterized LOC100130357 (LOC100130357), mRN  
gi|336594776|ref|NR\_038920.1| Homo sapiens uncharacterized LOC100506314 (LOC100506314), non-codi  
gi|336594787|ref|NM\_001242699.1| Homo sapiens enolase family member 4 (ENO4), mRNA;  
gi|336594795|ref|NR\_038921.1| Homo sapiens uncharacterized LOC100130992 (LOC100130992), non-codi  
gi|336594859|ref|NR\_038922.1| Homo sapiens uncharacterized LOC339685 (LOC339685), non-coding RNA;

gi|336594866|ref|NR\_038923.1| Homo sapiens uncharacterized LOC254100 (LOC254100), non-coding RNA;  
gi|336594884|ref|NR\_038924.1| Homo sapiens uncharacterized LOC100506649 (LOC100506649), non-codi  
gi|336594898|ref|NR\_038925.1| Homo sapiens uncharacterized LOC100288181 (LOC100288181), non-codi  
gi|336594917|ref|NR\_038926.1| Homo sapiens uncharacterized LOC100505483 (LOC100505483), non-codi  
gi|336594933|ref|NR\_038927.1| Homo sapiens uncharacterized LOC100506660 (LOC100506660), non-codi  
gi|336594935|ref|NR\_038928.1| Homo sapiens uncharacterized LOC339442 (LOC339442), non-coding RNA;  
gi|336594952|ref|NR\_038929.1| Homo sapiens uncharacterized LOC100131289 (LOC100131289), non-codi  
gi|336594964|ref|NR\_038930.1| Homo sapiens uncharacterized LOC100507250 (LOC100507250), non-codi  
gi|336594992|ref|NR\_038931.1| Homo sapiens uncharacterized LOC339975 (LOC339975), non-coding RNA;  
gi|336594997|ref|NR\_038932.1| Homo sapiens uncharacterized LOC100505583 (LOC100505583), non-codi  
gi|336595074|ref|NR\_038933.1| Homo sapiens uncharacterized LOC100507424 (LOC100507424), non-codi  
gi|336595075|ref|NM\_005911.5| Homo sapiens methionine adenosyltransferase II, alpha (MAT2A), mRNA;  
gi|336595076|ref|NR\_038935.1| Homo sapiens uncharacterized LOC100288846 (LOC100288846), non-codi  
gi|336595078|ref|NR\_038937.1| Homo sapiens uncharacterized LOC100505761 (LOC100505761), transcrip  
gi|336595082|ref|NR\_038940.1| Homo sapiens uncharacterized LOC100505839 (LOC100505839), non-codi  
gi|336595083|ref|NM\_003162.3| Homo sapiens striatin, calmodulin binding protein (STRN), mRNA;  
gi|336595084|ref|NR\_038941.1| Homo sapiens uncharacterized LOC100128531 (LOC100128531), non-codi  
gi|336595103|ref|NR\_038942.1| Homo sapiens uncharacterized LOC100630918 (LOC100630918), non-codi  
gi|336595139|ref|NR\_038944.1| Homo sapiens uncharacterized LOC100128946 (LOC100128946), non-codi  
gi|336595142|ref|NR\_038943.1| Homo sapiens uncharacterized LOC100505933 (LOC100505933), non-codi  
gi|336595168|ref|NM\_002337.3| Homo sapiens low density lipoprotein receptor-related protein associater  
gi|336595170|ref|NR\_038945.1| Homo sapiens uncharacterized LOC100128264 (LOC100128264), non-codi  
gi|336595213|ref|NR\_038947.1| Homo sapiens uncharacterized LOC100506025 (LOC100506025), transcrip  
gi|336595226|ref|NM\_001242702.1| Homo sapiens mohawk homeobox (MKX), transcript variant 2, mRNA;  
gi|336595235|ref|NR\_038948.1| Homo sapiens uncharacterized LOC100506136 (LOC100506136), non-codi  
gi|336595297|ref|NR\_038949.1| Homo sapiens uncharacterized LOC100506195 (LOC100506195), transcrip  
gi|336595321|ref|NM\_000821.5| Homo sapiens gamma-glutamyl carboxylase (GGCX), transcript variant 1,  
gi|33667039|ref|NM\_176811.2| Homo sapiens NLR family, pyrin domain containing 8 (NLRP8), mRNA;  
gi|33667062|ref|NM\_182973.1| Homo sapiens transmembrane protease, serine 9 (TMPRSS9), mRNA;  
gi|33667066|ref|NM\_014266.3| Homo sapiens hematopoietic cell signal transducer (HCST), transcript varia  
gi|33667083|ref|NM\_015190.3| Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 9 (DNAJC9), m  
gi|337298344|ref|NR\_038964.1| Homo sapiens uncharacterized LOC100506409 (LOC100506409), transcrip  
gi|337298381|ref|NR\_038965.1| Homo sapiens uncharacterized LOC100506497 (LOC100506497), non-codi  
gi|337298391|ref|NM\_001242713.1| Homo sapiens uncharacterized LOC100289561 (LOC100289561), mRN  
gi|337298412|ref|NR\_038966.1| Homo sapiens uncharacterized LOC100506585 (LOC100506585), non-codi  
gi|337298426|ref|NR\_038967.1| Homo sapiens LOC100289561-PRKRIP1 readthrough (LOC100630923), nor  
gi|337298432|ref|NR\_038968.1| Homo sapiens uncharacterized LOC286442 (LOC286442), non-coding RNA;  
gi|337298444|ref|NR\_038969.1| Homo sapiens uncharacterized LOC100506599 (LOC100506599), non-codi  
gi|337298457|ref|NR\_038970.1| Homo sapiens uncharacterized LOC283624 (LOC283624), transcript varian  
gi|337298576|ref|NR\_038972.1| Homo sapiens uncharacterized LOC339593 (LOC339593), non-coding RNA;  
gi|337298609|ref|NR\_038973.1| Homo sapiens uncharacterized LOC100506733 (LOC100506733), non-codi  
gi|337298610|ref|NR\_038974.1| Homo sapiens uncharacterized LOC100288432 (LOC100288432), non-codi  
gi|337298617|ref|NR\_038975.1| Homo sapiens MIR181A2 host gene (non-protein coding) (MIR181A2HG), i  
gi|337298621|ref|NR\_038976.1| Homo sapiens uncharacterized LOC339874 (LOC339874), non-coding RNA;  
gi|337298624|ref|NR\_038977.1| Homo sapiens uncharacterized LOC441389 (FLJ35282), non-coding RNA;  
gi|337298625|ref|NR\_038978.1| Homo sapiens uncharacterized LOC340544 (LOC340544), non-coding RNA;  
gi|337298628|ref|NR\_038979.1| Homo sapiens uncharacterized LOC100506207 (LOC100506207), transcrip

gi|337298633|ref|NR\_038981.1| Homo sapiens uncharacterized LOC100507254 (LOC100507254), non-codi  
gi|337298711|ref|NR\_038982.1| Homo sapiens uncharacterized LOC100507346 (LOC100507346), non-codi  
gi|337298759|ref|NM\_001242737.1| Homo sapiens uncharacterized LOC100506688 (LOC100506688), mRN  
gi|337298834|ref|NR\_038983.1| Homo sapiens uncharacterized LOC100506134 (LOC100506134), transcrip  
gi|337298859|ref|NM\_015911.3| Homo sapiens zinc finger protein 691 (ZNF691), transcript variant 2, mRN  
gi|337298882|ref|NR\_038985.1| Homo sapiens uncharacterized LOC100132987 (LOC100132987), non-codi  
gi|337298890|ref|NM\_001242740.1| Homo sapiens uncharacterized LOC100507462 (LOC100507462), mRN  
gi|337298926|ref|NR\_038986.1| Homo sapiens uncharacterized LOC100507470 (LOC100507470), non-codi  
gi|337298945|ref|NR\_038987.1| Homo sapiens uncharacterized LOC100507489 (LOC100507489), non-codi  
gi|337298985|ref|NR\_038988.1| Homo sapiens uncharacterized LOC100287765 (LOC100287765), non-codi  
gi|337298998|ref|NR\_038989.1| Homo sapiens uncharacterized LOC100507584 (LOC100507584), non-codi  
gi|337299048|ref|NM\_001242750.1| Homo sapiens uncharacterized LOC100129924 (LOC100129924), mRN  
gi|337299659|ref|NR\_038952.1| Homo sapiens uncharacterized LOC100506343 (LOC100506343), transcrip  
gi|337299676|ref|NR\_038953.1| Homo sapiens uncharacterized LOC100507564 (LOC100507564), non-codi  
gi|337299679|ref|NR\_038954.1| Homo sapiens uncharacterized protein FLJ39582-like (LOC100506241), no  
gi|337299687|ref|NM\_001242704.1| Homo sapiens zinc finger protein 385C (ZNF385C), mRNA;  
gi|337299691|ref|NR\_038955.1| Homo sapiens uncharacterized LOC100506190 (LOC100506190), non-codi  
gi|337299692|ref|NR\_038956.1| Homo sapiens uncharacterized LOC100506714 (LOC100506714), transcrip  
gi|337299696|ref|NM\_033300.3| Homo sapiens low density lipoprotein receptor-related protein 8, apolipo  
gi|337299699|ref|NR\_038958.1| Homo sapiens uncharacterized LOC100507412 (LOC100507412), non-codi  
gi|337752171|ref|NM\_002116.7| Homo sapiens major histocompatibility complex, class I, A (HLA-A), transc  
gi|337756328|ref|NR\_039713.1| Homo sapiens microRNA 4492 (MIR4492), microRNA;  
gi|337756329|ref|NR\_039968.1| Homo sapiens microRNA 4804 (MIR4804), microRNA;  
gi|337756332|ref|NR\_039714.1| Homo sapiens microRNA 4493 (MIR4493), microRNA;  
gi|337756333|ref|NR\_039969.1| Homo sapiens microRNA 5047 (MIR5047), microRNA;  
gi|337756336|ref|NR\_039715.1| Homo sapiens microRNA 4494 (MIR4494), microRNA;  
gi|337756337|ref|NR\_039970.1| Homo sapiens microRNA 5095 (MIR5095), microRNA;  
gi|337756341|ref|NR\_039716.1| Homo sapiens microRNA 4495 (MIR4495), microRNA;  
gi|337756342|ref|NR\_039971.1| Homo sapiens microRNA 1273f (MIR1273F), microRNA;  
gi|337756343|ref|NR\_039717.1| Homo sapiens microRNA 4496 (MIR4496), microRNA;  
gi|337756345|ref|NR\_039972.1| Homo sapiens microRNA 1273g (MIR1273G), microRNA;  
gi|337756347|ref|NR\_039718.1| Homo sapiens microRNA 4497 (MIR4497), microRNA;  
gi|337756348|ref|NR\_039973.1| Homo sapiens microRNA 5096 (MIR5096), microRNA;  
gi|337756350|ref|NR\_039719.1| Homo sapiens microRNA 4498 (MIR4498), microRNA;  
gi|337756352|ref|NR\_039720.1| Homo sapiens microRNA 4419b (MIR4419B), microRNA;  
gi|337756356|ref|NR\_039721.1| Homo sapiens microRNA 4499 (MIR4499), microRNA;  
gi|337756359|ref|NR\_039722.1| Homo sapiens microRNA 4500 (MIR4500), microRNA;  
gi|337756363|ref|NR\_039723.1| Homo sapiens microRNA 4501 (MIR4501), microRNA;  
gi|337756366|ref|NR\_039724.1| Homo sapiens microRNA 4502 (MIR4502), microRNA;  
gi|337756369|ref|NR\_039725.1| Homo sapiens microRNA 4503 (MIR4503), microRNA;  
gi|337756372|ref|NR\_039726.1| Homo sapiens microRNA 4504 (MIR4504), microRNA;  
gi|337756374|ref|NR\_039727.1| Homo sapiens microRNA 4505 (MIR4505), microRNA;  
gi|337756376|ref|NR\_039728.1| Homo sapiens microRNA 4506 (MIR4506), microRNA;  
gi|337756378|ref|NR\_039729.1| Homo sapiens microRNA 2392 (MIR2392), microRNA;  
gi|337756382|ref|NR\_039974.1| Homo sapiens uncharacterized LOC100507240 (LOC100507240), non-codi  
gi|337756385|ref|NR\_039731.1| Homo sapiens microRNA 4508 (MIR4508), microRNA;  
gi|337756388|ref|NR\_039732.1| Homo sapiens microRNA 4509-1 (MIR4509-1), microRNA;



gi|337756390|ref|NR\_039733.1| Homo sapiens microRNA 4509-2 (MIR4509-2), microRNA;  
gi|337756395|ref|NR\_039734.1| Homo sapiens microRNA 4509-3 (MIR4509-3), microRNA;  
gi|337756398|ref|NR\_039735.1| Homo sapiens microRNA 4510 (MIR4510), microRNA;  
gi|337756399|ref|NR\_039976.1| Homo sapiens uncharacterized LOC100506229 (LOC100506229), transcrip  
gi|337756401|ref|NR\_039736.1| Homo sapiens microRNA 4511 (MIR4511), microRNA;  
gi|337756405|ref|NR\_039737.1| Homo sapiens microRNA 4512 (MIR4512), microRNA;  
gi|337756406|ref|NR\_039978.1| Homo sapiens lncRNA\_BC009800 (1/2-SBSRNA4), non-coding RNA;  
gi|337756409|ref|NR\_039738.1| Homo sapiens microRNA 4513 (MIR4513), microRNA;  
gi|337756410|ref|NR\_039979.1| Homo sapiens uncharacterized LOC100505659 (LOC100505659), non-codi  
gi|337756413|ref|NR\_039739.1| Homo sapiens microRNA 4514 (MIR4514), microRNA;  
gi|337756414|ref|NR\_039980.1| Homo sapiens uncharacterized LOC286437 (LOC286437), non-coding RNA;  
gi|337756417|ref|NR\_039740.1| Homo sapiens microRNA 4515 (MIR4515), microRNA;  
gi|337756421|ref|NR\_039741.1| Homo sapiens microRNA 4516 (MIR4516), microRNA;  
gi|337756422|ref|NR\_039982.1| Homo sapiens uncharacterized LOC283547 (LOC283547), non-coding RNA;  
gi|337756425|ref|NR\_039742.1| Homo sapiens microRNA 4517 (MIR4517), microRNA;  
gi|337756430|ref|NR\_039743.1| Homo sapiens microRNA 4518 (MIR4518), microRNA;  
gi|337756431|ref|NR\_039984.1| Homo sapiens uncharacterized LOC729506 (LOC729506), non-coding RNA;  
gi|337756434|ref|NR\_039744.1| Homo sapiens microRNA 4519 (MIR4519), microRNA;  
gi|337756439|ref|NR\_039745.1| Homo sapiens microRNA 4520a (MIR4520A), microRNA;  
gi|337756440|ref|NR\_039985.1| Homo sapiens uncharacterized LOC400221 (FLJ22447), non-coding RNA;  
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gi|337756445|ref|NR\_039986.1| Homo sapiens uncharacterized LOC100505718 (LOC100505718), non-codi  
gi|337756447|ref|NR\_039747.1| Homo sapiens microRNA 1269b (MIR1269B), microRNA;  
gi|337756451|ref|NR\_039748.1| Homo sapiens microRNA 4522 (MIR4522), microRNA;  
gi|337756452|ref|NR\_039987.1| Homo sapiens uncharacterized LOC100506050 (LOC100506050), non-codi  
gi|337756456|ref|NR\_039749.1| Homo sapiens microRNA 4523 (MIR4523), microRNA;  
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gi|337756460|ref|NR\_039750.1| Homo sapiens microRNA 4524a (MIR4524A), microRNA;  
gi|337756461|ref|NR\_039989.1| Homo sapiens uncharacterized LOC100505738 (LOC100505738), non-codi  
gi|337756464|ref|NR\_039751.1| Homo sapiens microRNA 4525 (MIR4525), microRNA;  
gi|337756467|ref|NR\_039752.1| Homo sapiens microRNA 4526 (MIR4526), microRNA;  
gi|337756469|ref|NR\_039990.1| Homo sapiens uncharacterized LOC100507299 (LOC100507299), non-codi  
gi|337756471|ref|NR\_039753.1| Homo sapiens microRNA 4527 (MIR4527), microRNA;  
gi|337756476|ref|NR\_039755.1| Homo sapiens microRNA 4530 (MIR4530), microRNA;  
gi|337756479|ref|NR\_039756.1| Homo sapiens microRNA 4531 (MIR4531), microRNA;  
gi|337756481|ref|NR\_039757.1| Homo sapiens microRNA 4532 (MIR4532), microRNA;  
gi|337756486|ref|NR\_039758.1| Homo sapiens microRNA 4533 (MIR4533), microRNA;  
gi|337756490|ref|NR\_039759.1| Homo sapiens microRNA 4534 (MIR4534), microRNA;  
gi|337756493|ref|NR\_039760.1| Homo sapiens microRNA 378i (MIR378I), microRNA;  
gi|337756497|ref|NR\_039761.1| Homo sapiens microRNA 4535 (MIR4535), microRNA;  
gi|337756499|ref|NR\_039762.1| Homo sapiens microRNA 548am (MIR548AM), microRNA;  
gi|337756500|ref|NM\_001242767.1| Homo sapiens methylenetetrahydrofolate dehydrogenase (NADP+ de  
gi|337756505|ref|NR\_039763.1| Homo sapiens microRNA 1587 (MIR1587), microRNA;  
gi|337756509|ref|NR\_039764.1| Homo sapiens microRNA 4536-1 (MIR4536-1), microRNA;  
gi|337756513|ref|NR\_039765.1| Homo sapiens microRNA 548an (MIR548AN), microRNA;  
gi|337756514|ref|NR\_039991.1| Homo sapiens uncharacterized LOC100507404 (LOC100507404), non-codi  
gi|337756516|ref|NR\_039766.1| Homo sapiens microRNA 4540 (MIR4540), microRNA;

gi|337756522|ref|NR\_039768.1| Homo sapiens microRNA 3972 (MIR3972), microRNA;  
 gi|337756523|ref|NR\_039769.1| Homo sapiens microRNA 3973 (MIR3973), microRNA;  
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 gi|337756526|ref|NR\_039771.1| Homo sapiens microRNA 3975 (MIR3975), microRNA;  
 gi|337756529|ref|NR\_039772.1| Homo sapiens microRNA 3976 (MIR3976), microRNA;  
 gi|337756531|ref|NR\_039773.1| Homo sapiens microRNA 3977 (MIR3977), microRNA;  
 gi|337756534|ref|NR\_039774.1| Homo sapiens microRNA 3978 (MIR3978), microRNA;  
 gi|337756537|ref|NR\_039775.1| Homo sapiens microRNA 4632 (MIR4632), microRNA;  
 gi|337756539|ref|NR\_039776.1| Homo sapiens microRNA 4633 (MIR4633), microRNA;  
 gi|337756541|ref|NR\_039777.1| Homo sapiens microRNA 4634 (MIR4634), microRNA;  
 gi|337756543|ref|NR\_039778.1| Homo sapiens microRNA 4635 (MIR4635), microRNA;  
 gi|337756547|ref|NR\_039779.1| Homo sapiens microRNA 4636 (MIR4636), microRNA;  
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 gi|337756550|ref|NR\_039781.1| Homo sapiens microRNA 4638 (MIR4638), microRNA;  
 gi|337756554|ref|NR\_039783.1| Homo sapiens microRNA 4640 (MIR4640), microRNA;  
 gi|337756556|ref|NR\_039784.1| Homo sapiens microRNA 4641 (MIR4641), microRNA;  
 gi|337756560|ref|NR\_039785.1| Homo sapiens microRNA 4642 (MIR4642), microRNA;  
 gi|337756563|ref|NR\_039786.1| Homo sapiens microRNA 4643 (MIR4643), microRNA;  
 gi|337756566|ref|NR\_039787.1| Homo sapiens microRNA 4644 (MIR4644), microRNA;  
 gi|337756568|ref|NR\_039788.1| Homo sapiens microRNA 4645 (MIR4645), microRNA;  
 gi|337756571|ref|NR\_039789.1| Homo sapiens microRNA 4646 (MIR4646), microRNA;  
 gi|337756573|ref|NR\_039790.1| Homo sapiens microRNA 4647 (MIR4647), microRNA;  
 gi|337756577|ref|NR\_039791.1| Homo sapiens microRNA 4648 (MIR4648), microRNA;  
 gi|337756579|ref|NR\_039792.1| Homo sapiens microRNA 4649 (MIR4649), microRNA;  
 gi|337756581|ref|NR\_039793.1| Homo sapiens microRNA 4650-1 (MIR4650-1), microRNA;  
 gi|337756586|ref|NR\_039794.1| Homo sapiens microRNA 4650-2 (MIR4650-2), microRNA;  
 gi|337756588|ref|NR\_039795.1| Homo sapiens microRNA 4651 (MIR4651), microRNA;  
 gi|337756590|ref|NR\_039796.1| Homo sapiens microRNA 4652 (MIR4652), microRNA;  
 gi|337756592|ref|NR\_039797.1| Homo sapiens microRNA 4653 (MIR4653), microRNA;  
 gi|337756596|ref|NR\_039798.1| Homo sapiens microRNA 4654 (MIR4654), microRNA;  
 gi|337756599|ref|NR\_039799.1| Homo sapiens microRNA 4655 (MIR4655), microRNA;  
 gi|337756601|ref|NR\_039800.1| Homo sapiens microRNA 4656 (MIR4656), microRNA;  
 gi|337756603|ref|NR\_039801.1| Homo sapiens microRNA 4657 (MIR4657), microRNA;  
 gi|337756606|ref|NR\_039802.1| Homo sapiens microRNA 4658 (MIR4658), microRNA;  
 gi|337756609|ref|NR\_039803.1| Homo sapiens microRNA 4659a (MIR4659A), microRNA;  
 gi|337756610|ref|NR\_038990.1| Homo sapiens uncharacterized LOC339926 (LOC339926), non-coding RNA,  
 gi|337756613|ref|NR\_039804.1| Homo sapiens microRNA 4660 (MIR4660), microRNA;  
 gi|337756617|ref|NR\_039806.1| Homo sapiens microRNA 4662a (MIR4662A), microRNA;  
 gi|337756618|ref|NR\_038991.1| Homo sapiens RBM26 antisense RNA 1 (non-protein coding) (RBM26-AS1)  
 gi|337756620|ref|NR\_039807.1| Homo sapiens microRNA 4659b (MIR4659B), microRNA;  
 gi|337756621|ref|NR\_038992.1| Homo sapiens uncharacterized LOC285819 (LOC285819), non-coding RNA,  
 gi|337756623|ref|NR\_039808.1| Homo sapiens microRNA 4663 (MIR4663), microRNA;  
 gi|337756625|ref|NR\_038993.1| Homo sapiens ZBTB20 antisense RNA 1 (non-protein coding) (ZBTB20-AS1)  
 gi|337756626|ref|NR\_039809.1| Homo sapiens microRNA 4662b (MIR4662B), microRNA;  
 gi|337756627|ref|NR\_038994.1| Homo sapiens uncharacterized LOC285878 (LOC285878), non-coding RNA,  
 gi|337756629|ref|NR\_039810.1| Homo sapiens microRNA 4664 (MIR4664), microRNA;  
 gi|337756632|ref|NR\_038995.1| Homo sapiens long intergenic non-protein coding RNA 327 (LINC00327), n

gi|337756633|ref|NR\_039811.1| Homo sapiens microRNA 4665 (MIR4665), microRNA;  
gi|337756636|ref|NR\_039812.1| Homo sapiens microRNA 4666a (MIR4666A), microRNA;  
gi|337756637|ref|NR\_038996.1| Homo sapiens uncharacterized LOC100131733 (LOC100131733), non-codi  
gi|337756638|ref|NM\_001242757.1| Homo sapiens solute carrier family 22, member 31 (SLC22A31), mRNA/  
gi|337756641|ref|NR\_039813.1| Homo sapiens microRNA 4667 (MIR4667), microRNA;  
gi|337756643|ref|NR\_039600.1| Homo sapiens microRNA 550a-3 (MIR550A3), microRNA;  
gi|337756644|ref|NR\_038997.1| Homo sapiens uncharacterized LOC729911 (LOC729911), non-coding RNA,  
gi|337756645|ref|NR\_039814.1| Homo sapiens microRNA 4668 (MIR4668), microRNA;  
gi|337756646|ref|NR\_038998.1| Homo sapiens uncharacterized LOC100506757 (LOC100506757), non-codi  
gi|337756648|ref|NR\_039601.1| Homo sapiens microRNA 151b (MIR151B), microRNA;  
gi|337756649|ref|NR\_039815.1| Homo sapiens microRNA 2964a (MIR2964A), microRNA;  
gi|337756652|ref|NR\_039602.1| Homo sapiens microRNA 378d-2 (MIR378D2), microRNA;  
gi|337756653|ref|NR\_039816.1| Homo sapiens microRNA 4669 (MIR4669), microRNA;  
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gi|337756657|ref|NR\_039817.1| Homo sapiens microRNA 4670 (MIR4670), microRNA;  
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gi|337756660|ref|NR\_039604.1| Homo sapiens microRNA 2682 (MIR2682), microRNA;  
gi|337756662|ref|NR\_039819.1| Homo sapiens microRNA 4672 (MIR4672), microRNA;  
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gi|337756683|ref|NR\_039826.1| Homo sapiens microRNA 4679-1 (MIR4679-1), microRNA;  
gi|337756686|ref|NR\_039827.1| Homo sapiens microRNA 4679-2 (MIR4679-2), microRNA;  
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gi|337756699|ref|NR\_039832.1| Homo sapiens microRNA 4684 (MIR4684), microRNA;  
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gi|337756705|ref|NR\_039834.1| Homo sapiens microRNA 4686 (MIR4686), microRNA;  
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gi|337756711|ref|NR\_039836.1| Homo sapiens microRNA 1343 (MIR1343), microRNA;  
gi|337756714|ref|NR\_039837.1| Homo sapiens microRNA 4688 (MIR4688), microRNA;  
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gi|337756719|ref|NR\_039840.1| Homo sapiens microRNA 4691 (MIR4691), microRNA;  
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gi|337756722|ref|NR\_039842.1| Homo sapiens microRNA 4693 (MIR4693), microRNA;  
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gi|337756726|ref|NR\_039844.1| Homo sapiens microRNA 4695 (MIR4695), microRNA;  
gi|337756728|ref|NR\_039845.1| Homo sapiens microRNA 4696 (MIR4696), microRNA;  
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gi|337756741|ref|NR\_039852.1| Homo sapiens microRNA 4703 (MIR4703), microRNA;  
gi|337756742|ref|NR\_039853.1| Homo sapiens microRNA 4704 (MIR4704), microRNA;  
gi|337756744|ref|NR\_039854.1| Homo sapiens microRNA 4705 (MIR4705), microRNA;  
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gi|337756750|ref|NR\_039857.1| Homo sapiens microRNA 4708 (MIR4708), microRNA;  
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gi|337756756|ref|NR\_039605.1| Homo sapiens microRNA 548o-2 (MIR548O2), microRNA;  
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gi|337756760|ref|NR\_039606.1| Homo sapiens microRNA 1254-2 (MIR1254-2), microRNA;  
gi|337756761|ref|NR\_039861.1| Homo sapiens microRNA 4711 (MIR4711), microRNA;  
gi|337756763|ref|NR\_039607.1| Homo sapiens microRNA 1268b (MIR1268B), microRNA;  
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gi|337756766|ref|NR\_039863.1| Homo sapiens microRNA 4713 (MIR4713), microRNA;  
gi|337756767|ref|NR\_039608.1| Homo sapiens microRNA 378d-1 (MIR378D1), microRNA;  
gi|337756769|ref|NR\_039609.1| Homo sapiens microRNA 378e (MIR378E), microRNA;  
gi|337756770|ref|NR\_039864.1| Homo sapiens microRNA 4714 (MIR4714), microRNA;  
gi|337756771|ref|NR\_039610.1| Homo sapiens microRNA 548h-5 (MIR548H5), microRNA;  
gi|337756772|ref|NR\_039865.1| Homo sapiens microRNA 4715 (MIR4715), microRNA;  
gi|337756773|ref|NR\_039611.1| Homo sapiens microRNA 548ab (MIR548AB), microRNA;  
gi|337756774|ref|NR\_039866.1| Homo sapiens microRNA 4716 (MIR4716), microRNA;  
gi|337756776|ref|NR\_039612.1| Homo sapiens microRNA 4417 (MIR4417), microRNA;  
gi|337756777|ref|NR\_039867.1| Homo sapiens microRNA 3529 (MIR3529), microRNA;  
gi|337756778|ref|NM\_001242327.1| Homo sapiens ubiquitin carboxyl-terminal hydrolase 17-like (LOC7283  
gi|337756781|ref|NR\_039613.1| Homo sapiens microRNA 4418 (MIR4418), microRNA;  
gi|337756782|ref|NR\_039868.1| Homo sapiens microRNA 4717 (MIR4717), microRNA;  
gi|337756783|ref|NR\_039614.1| Homo sapiens microRNA 4419a (MIR4419A), microRNA;  
gi|337756784|ref|NR\_039869.1| Homo sapiens microRNA 4718 (MIR4718), microRNA;  
gi|337756785|ref|NR\_039615.1| Homo sapiens microRNA 378f (MIR378F), microRNA;  
gi|337756786|ref|NR\_039870.1| Homo sapiens microRNA 4719 (MIR4719), microRNA;  
gi|337756788|ref|NR\_039616.1| Homo sapiens microRNA 4420 (MIR4420), microRNA;  
gi|337756789|ref|NR\_039871.1| Homo sapiens microRNA 4720 (MIR4720), microRNA;  
gi|337756790|ref|NR\_039617.1| Homo sapiens microRNA 4421 (MIR4421), microRNA;  
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gi|337756792|ref|NR\_039873.1| Homo sapiens microRNA 4722 (MIR4722), microRNA;  
gi|337756793|ref|NR\_039619.1| Homo sapiens microRNA 4423 (MIR4423), microRNA;  
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gi|337756795|ref|NR\_039875.1| Homo sapiens microRNA 4723 (MIR4723), microRNA;  
gi|337756796|ref|NR\_039620.1| Homo sapiens microRNA 378g (MIR378G), microRNA;  
gi|337756797|ref|NR\_039621.1| Homo sapiens microRNA 548ac (MIR548AC), microRNA;  
gi|337756798|ref|NR\_039876.1| Homo sapiens microRNA 451b (MIR451B), microRNA;  
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gi|337756811|ref|NR\_039628.1| Homo sapiens microRNA 4430 (MIR4430), microRNA;  
gi|337756812|ref|NR\_039883.1| Homo sapiens microRNA 4730 (MIR4730), microRNA;  
gi|337756814|ref|NR\_039629.1| Homo sapiens microRNA 548ad (MIR548AD), microRNA;  
gi|337756815|ref|NR\_039884.1| Homo sapiens microRNA 4731 (MIR4731), microRNA;  
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gi|337756817|ref|NR\_039885.1| Homo sapiens microRNA 4732 (MIR4732), microRNA;  
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gi|337756820|ref|NR\_039887.1| Homo sapiens microRNA 4734 (MIR4734), microRNA;  
gi|337756821|ref|NR\_039633.1| Homo sapiens microRNA 4434 (MIR4434), microRNA;  
gi|337756822|ref|NR\_039888.1| Homo sapiens microRNA 4735 (MIR4735), microRNA;  
gi|337756824|ref|NR\_039634.1| Homo sapiens microRNA 4435-1 (MIR4435-1), microRNA;  
gi|337756825|ref|NR\_039889.1| Homo sapiens microRNA 4736 (MIR4736), microRNA;  
gi|337756827|ref|NR\_039635.1| Homo sapiens microRNA 4436a (MIR4436A), microRNA;  
gi|337756828|ref|NR\_039890.1| Homo sapiens microRNA 4737 (MIR4737), microRNA;  
gi|337756829|ref|NR\_039636.1| Homo sapiens microRNA 4435-2 (MIR4435-2), microRNA;  
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gi|337756836|ref|NR\_039639.1| Homo sapiens microRNA 548ae-2 (MIR548AE2), microRNA;  
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gi|337756840|ref|NR\_039895.1| Homo sapiens microRNA 4741 (MIR4741), microRNA;  
gi|337756843|ref|NR\_039641.1| Homo sapiens microRNA 4439 (MIR4439), microRNA;  
gi|337756844|ref|NR\_039896.1| Homo sapiens microRNA 4742 (MIR4742), microRNA;  
gi|337756845|ref|NR\_039642.1| Homo sapiens microRNA 4440 (MIR4440), microRNA;  
gi|337756846|ref|NR\_039897.1| Homo sapiens microRNA 4743 (MIR4743), microRNA;  
gi|337756848|ref|NR\_039643.1| Homo sapiens microRNA 4441 (MIR4441), microRNA;  
gi|337756849|ref|NR\_039898.1| Homo sapiens microRNA 4744 (MIR4744), microRNA;  
gi|337756850|ref|NR\_039644.1| Homo sapiens microRNA 4442 (MIR4442), microRNA;  
gi|337756851|ref|NR\_039899.1| Homo sapiens microRNA 3591 (MIR3591), microRNA;  
gi|337756852|ref|NR\_039645.1| Homo sapiens microRNA 4443 (MIR4443), microRNA;  
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gi|337756856|ref|NR\_039902.1| Homo sapiens microRNA 4747 (MIR4747), microRNA;  
gi|337756858|ref|NR\_039647.1| Homo sapiens microRNA 4445 (MIR4445), microRNA;  
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gi|337756868|ref|NR\_039907.1| Homo sapiens microRNA 4752 (MIR4752), microRNA;  
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gi|337756874|ref|NR\_039909.1| Homo sapiens microRNA 371b (MIR371B), microRNA;  
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gi|337756876|ref|NR\_039655.1| Homo sapiens microRNA 548ah (MIR548AH), microRNA;  
gi|337756877|ref|NR\_039910.1| Homo sapiens microRNA 4754 (MIR4754), microRNA;  
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gi|337756902|ref|NR\_039667.1| Homo sapiens microRNA 378h (MIR378H), microRNA;  
gi|337756903|ref|NR\_039923.1| Homo sapiens microRNA 4766 (MIR4766), microRNA;  
gi|337756904|ref|NR\_039668.1| Homo sapiens microRNA 3135b (MIR3135B), microRNA;  
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gi|337756907|ref|NR\_039669.1| Homo sapiens microRNA 4462 (MIR4462), microRNA;  
gi|337756908|ref|NR\_039925.1| Homo sapiens microRNA 4768 (MIR4768), microRNA;  
gi|337756909|ref|NR\_039670.1| Homo sapiens microRNA 4463 (MIR4463), microRNA;  
gi|337756910|ref|NR\_039926.1| Homo sapiens microRNA 4769 (MIR4769), microRNA;  
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gi|337756915|ref|NR\_039928.1| Homo sapiens microRNA 4771-1 (MIR4771-1), microRNA;  
gi|337756916|ref|NR\_039929.1| Homo sapiens microRNA 4771-2 (MIR4771-2), microRNA;  
gi|337756917|ref|NR\_039673.1| Homo sapiens microRNA 548aj-1 (MIR548AJ1), microRNA;  
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gi|337756919|ref|NR\_039930.1| Homo sapiens microRNA 4772 (MIR4772), microRNA;  
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gi|337756976|ref|NR\_039697.1| Homo sapiens microRNA 4479 (MIR4479), microRNA;  
gi|337756977|ref|NR\_039952.1| Homo sapiens microRNA 4789 (MIR4789), microRNA;  
gi|337756979|ref|NR\_039953.1| Homo sapiens microRNA 4790 (MIR4790), microRNA;  
gi|337756982|ref|NR\_039699.1| Homo sapiens microRNA 548ak (MIR548AK), microRNA;  
gi|337756983|ref|NR\_039954.1| Homo sapiens microRNA 4791 (MIR4791), microRNA;  
gi|337756986|ref|NR\_039700.1| Homo sapiens microRNA 4480 (MIR4480), microRNA;  
gi|337756987|ref|NR\_039955.1| Homo sapiens microRNA 4792 (MIR4792), microRNA;  
gi|337756989|ref|NR\_039701.1| Homo sapiens microRNA 4481 (MIR4481), microRNA;  
gi|337756991|ref|NR\_039956.1| Homo sapiens microRNA 4793 (MIR4793), microRNA;

gi|337756994|ref|NR\_039702.1| Homo sapiens microRNA 4482-1 (MIR4482-1), microRNA;  
gi|337756995|ref|NR\_039957.1| Homo sapiens microRNA 4794 (MIR4794), microRNA;  
gi|337756998|ref|NR\_039703.1| Homo sapiens microRNA 4483 (MIR4483), microRNA;  
gi|337756999|ref|NR\_039958.1| Homo sapiens microRNA 4795 (MIR4795), microRNA;  
gi|337757001|ref|NR\_039704.1| Homo sapiens microRNA 4484 (MIR4484), microRNA;  
gi|337757003|ref|NR\_039959.1| Homo sapiens microRNA 4796 (MIR4796), microRNA;  
gi|337757007|ref|NR\_039705.1| Homo sapiens microRNA 4485 (MIR4485), microRNA;  
gi|337757008|ref|NR\_039960.1| Homo sapiens microRNA 4797 (MIR4797), microRNA;  
gi|337757011|ref|NR\_039706.1| Homo sapiens microRNA 4486 (MIR4486), microRNA;  
gi|337757012|ref|NR\_039961.1| Homo sapiens microRNA 4798 (MIR4798), microRNA;  
gi|337757015|ref|NR\_039707.1| Homo sapiens microRNA 4487 (MIR4487), microRNA;  
gi|337757016|ref|NR\_039962.1| Homo sapiens microRNA 4799 (MIR4799), microRNA;  
gi|337757018|ref|NR\_039708.1| Homo sapiens microRNA 4488 (MIR4488), microRNA;  
gi|337757020|ref|NR\_039963.1| Homo sapiens microRNA 3688-2 (MIR3688-2), microRNA;  
gi|337757023|ref|NR\_039709.1| Homo sapiens microRNA 4489 (MIR4489), microRNA;  
gi|337757025|ref|NR\_039964.1| Homo sapiens microRNA 4800 (MIR4800), microRNA;  
gi|337757027|ref|NR\_039710.1| Homo sapiens microRNA 548a1 (MIR548AL), microRNA;  
gi|337757028|ref|NR\_039965.1| Homo sapiens microRNA 4801 (MIR4801), microRNA;  
gi|337757031|ref|NR\_039711.1| Homo sapiens microRNA 4490 (MIR4490), microRNA;  
gi|337757033|ref|NR\_039966.1| Homo sapiens microRNA 4802 (MIR4802), microRNA;  
gi|337757035|ref|NR\_039712.1| Homo sapiens microRNA 4491 (MIR4491), microRNA;  
gi|337757036|ref|NR\_039967.1| Homo sapiens microRNA 4803 (MIR4803), microRNA;  
gi|338221669|ref|NR\_039754.1| Homo sapiens microRNA 4529 (MIR4529), microRNA;  
gi|338221677|ref|NM\_001242764.1| Homo sapiens discs, large (Drosophila) homolog-associated protein 1  
gi|338221681|ref|NR\_039992.1| Homo sapiens uncharacterized LOC100505967 (LOC100505967), non-codi  
gi|338221683|ref|NR\_039994.1| Homo sapiens TMEM161B antisense RNA 1 (non-protein coding) (TMEM1  
gi|338221686|ref|NR\_039996.1| Homo sapiens uncharacterized LOC100506433 (LOC100506433), non-codi  
gi|338221690|ref|NR\_039997.1| Homo sapiens uncharacterized LOC100506083 (LOC100506083), non-codi  
gi|338221691|ref|NR\_039998.1| Homo sapiens uncharacterized LOC100506655 (LOC100506655), non-codi  
gi|338221692|ref|NR\_039999.1| Homo sapiens uncharacterized LOC100507501 (LOC100507501), non-codi  
gi|338221693|ref|NR\_040000.1| Homo sapiens uncharacterized LOC339166 (LOC339166), non-coding RNA,  
gi|338221698|ref|NR\_039782.1| Homo sapiens microRNA 4639 (MIR4639), microRNA;  
gi|338221704|ref|NR\_040001.1| Homo sapiens uncharacterized LOC375295 (LOC375295), non-coding RNA,  
gi|338221709|ref|NR\_040002.1| Homo sapiens uncharacterized LOC255654 (LOC255654), non-coding RNA,  
gi|338221710|ref|NR\_002985.2| Homo sapiens small nucleolar RNA, H/ACA box 58 (SNORA58), small nucle  
gi|338221711|ref|NM\_001242773.1| Homo sapiens transmembrane protein 139 (TMEM139), transcript va  
gi|338221721|ref|NR\_040005.1| Homo sapiens uncharacterized LOC401074 (LOC401074), transcript varian  
gi|338221722|ref|NR\_039805.1| Homo sapiens microRNA 4661 (MIR4661), microRNA;  
gi|338221734|ref|NR\_039618.1| Homo sapiens microRNA 4422 (MIR4422), microRNA;  
gi|338221735|ref|NR\_039877.1| Homo sapiens microRNA 4724 (MIR4724), microRNA;  
gi|338221736|ref|NR\_039632.1| Homo sapiens microRNA 4433 (MIR4433), microRNA;  
gi|338221737|ref|NR\_039638.1| Homo sapiens microRNA 548ae-1 (MIR548AE1), microRNA;  
gi|338221738|ref|NR\_039916.1| Homo sapiens microRNA 4759 (MIR4759), microRNA;  
gi|338221739|ref|NR\_039919.1| Homo sapiens microRNA 4762 (MIR4762), microRNA;  
gi|338221740|ref|NR\_039674.1| Homo sapiens microRNA 548aj-2 (MIR548AJ2), microRNA;  
gi|338221741|ref|NR\_039682.1| Homo sapiens microRNA 4472-1 (MIR4472-1), microRNA;  
gi|338221742|ref|NR\_039686.1| Homo sapiens microRNA 4475 (MIR4475), microRNA;



gi|338332400|ref|NR\_033754.2| Homo sapiens chromobox homolog 3 pseudogene 2 (CBX3P2), non-coding

gi|338339430|ref|NM\_001242780.1| Homo sapiens uncharacterized LOC100506388 (LOC100506388), tran

gi|33859677|ref|NM\_017879.1| Homo sapiens zinc finger protein 416 (ZNF416), mRNA;

gi|33859831|ref|NM\_014300.2| Homo sapiens SEC11 homolog A (S. cerevisiae) (SEC11A), mRNA;

gi|338753355|ref|NR\_037442.1| Homo sapiens microRNA 3670-1 (MIR3670-1), microRNA;

gi|338753356|ref|NR\_040008.1| Homo sapiens calpain 1, (mu/I) large subunit (CAPN1), transcript variant 4,

gi|338753357|ref|NM\_001242778.1| Homo sapiens inhibitor of kappa light polypeptide gene enhancer in B

gi|338753363|ref|NM\_001130413.3| Homo sapiens sodium channel, non-voltage-gated 1, delta subunit (SC

gi|338753365|ref|NR\_033752.2| Homo sapiens NmrA-like family domain containing 1 pseudogene (LOC344

gi|338753366|ref|NR\_036433.2| Homo sapiens family with sequence similarity 172, member B, pseudogen

gi|338753367|ref|NM\_002359.3| Homo sapiens v-maf musculoaponeurotic fibrosarcoma oncogene homol

gi|338753377|ref|NR\_033748.2| Homo sapiens acyl-CoA thioesterase 4 pseudogene (LOC644189), non-cod

gi|338753381|ref|NR\_040012.1| Homo sapiens SPAG5 antisense RNA 1 (non-protein coding) (SPAG5-AS1),

gi|338753382|ref|NR\_040013.1| Homo sapiens uncharacterized LOC644554 (LOC644554), non-coding RNA,

gi|338753384|ref|NR\_040015.1| Homo sapiens uncharacterized 100631378 (LOC100631378), non-coding R

gi|338753388|ref|NR\_040016.1| Homo sapiens transmembrane protein 50B (TMEM50B), transcript variant

gi|338753390|ref|NM\_001242783.1| Homo sapiens tripartite motif containing 26 (TRIM26), transcript varia

gi|338753396|ref|NM\_001242784.1| Homo sapiens holocarboxylase synthetase (biotin-(propionyl-CoA-ca

gi|338753398|ref|NR\_040017.1| Homo sapiens uncharacterized LOC100507218 (LOC100507218), non-codi

gi|338753401|ref|NM\_001242786.1| Homo sapiens BRF1 homolog, subunit of RNA polymerase III transcrip

gi|338753405|ref|NR\_040019.1| Homo sapiens uncharacterized LOC100507410 (LOC100507410), transcrip

gi|338753415|ref|NM\_001242791.1| Homo sapiens uncharacterized LOC729220 (FLJ45513), mRNA;

gi|338753422|ref|NR\_040020.1| Homo sapiens uncharacterized LOC400620 (LOC400620), non-coding RNA,

gi|338753428|ref|NM\_001242795.1| Homo sapiens nucleoporin 93kDa (NUP93), transcript variant 2, mRNA/

gi|338753433|ref|NM\_001242701.1| Homo sapiens calmodulin binding transcription activator 1 (CAMTA1),

gi|338753435|ref|NR\_039698.1| Homo sapiens microRNA mir-3155b (MIR3155B), microRNA;

gi|338766794|ref|NR\_037408.1| Homo sapiens microRNA 3614 (MIR3614), microRNA;

gi|338797692|ref|NR\_039730.1| Homo sapiens microRNA 4507 (MIR4507), microRNA;

gi|338797693|ref|NR\_039767.1| Homo sapiens microRNA 3960 (MIR3960), microRNA;

gi|338797694|ref|NR\_037514.1| Homo sapiens microRNA 550b-2 (MIR550B2), microRNA;

gi|338797695|ref|NM\_001004352.2| Homo sapiens putative deoxyuridine 5'-triphosphate nucleotidohydro

gi|338797696|ref|NR\_039831.1| Homo sapiens microRNA 4683 (MIR4683), microRNA;

gi|338797697|ref|NR\_039846.1| Homo sapiens microRNA 4697 (MIR4697), microRNA;

gi|338797698|ref|NR\_039849.1| Homo sapiens microRNA 4700 (MIR4700), microRNA;

gi|338797700|ref|NR\_039624.1| Homo sapiens microRNA 4426 (MIR4426), microRNA;

gi|338797702|ref|NR\_040021.1| Homo sapiens uncharacterized LOC100287792 (LOC100287792), non-codi

gi|338797703|ref|NR\_040022.1| Homo sapiens uncharacterized LOC100289495 (LOC100289495), non-codi

gi|338797704|ref|NR\_040023.1| Homo sapiens endogenous retrovirus group K13, member 1 (ERVK13-1), n

gi|338797706|ref|NM\_001242798.1| Homo sapiens zinc finger protein 322 (ZNF322), transcript variant 3, n

gi|338797715|ref|NR\_040024.1| Homo sapiens uncharacterized LOC100131655 (LOC100131655), non-codi

gi|338797717|ref|NR\_040026.1| Homo sapiens uncharacterized LOC100505474 (LOC100505474), non-codi

gi|338797719|ref|NR\_040028.1| Homo sapiens uncharacterized LOC284408 (LOC284408), transcript varian

gi|338797725|ref|NM\_001242802.1| Homo sapiens zinc finger protein 790 (ZNF790), transcript variant 4, n

gi|338797727|ref|NR\_040029.1| Homo sapiens uncharacterized LOC284395 (LOC284395), non-coding RNA,

gi|338797730|ref|NR\_040030.1| Homo sapiens CFLAR antisense RNA 1 (non-protein coding) (CFLAR-AS1), n

gi|338797731|ref|NM\_001242804.1| Homo sapiens uncharacterized LOC100505549 (LOC100505549), mRN

gi|338797735|ref|NM\_019121.1| Homo sapiens protein phosphatase 1, regulatory subunit 37 (PPP1R37), n

gi|338797739|ref|NR\_040031.1| Homo sapiens uncharacterized LOC100288122 (LOC100288122), non-coding RNA;

gi|338797740|ref|NM\_024081.5| Homo sapiens proline rich Gla (G-carboxyglutamic acid) 4 (transmembrane protein 4) (PRG4), mRNA;

gi|338797742|ref|NR\_040033.1| Homo sapiens uncharacterized LOC729950 (LOC729950), non-coding RNA;

gi|338797744|ref|NM\_004839.3| Homo sapiens homer homolog 2 (Drosophila) (HOMER2), transcript variant 1, mRNA;

gi|338797745|ref|NR\_040034.1| Homo sapiens uncharacterized LOC339298 (LOC339298), non-coding RNA;

gi|338797746|ref|NR\_040035.1| Homo sapiens long intergenic non-protein coding RNA 208 (LINC00208), non-coding RNA;

gi|338797747|ref|NR\_040036.1| Homo sapiens uncharacterized LOC100505835 (LOC100505835), non-coding RNA;

gi|338797748|ref|NM\_006743.4| Homo sapiens RNA binding motif (RNP1, RRM) protein 3 (RBM3), mRNA;

gi|338797749|ref|NR\_040037.1| Homo sapiens uncharacterized LOC100506033 (LOC100506033), non-coding RNA;

gi|338797750|ref|NR\_040038.1| Homo sapiens uncharacterized LOC151475 (LOC151475), non-coding RNA;

gi|338797751|ref|NR\_040039.1| Homo sapiens uncharacterized LOC157273 (LOC157273), non-coding RNA;

gi|338797752|ref|NR\_040040.1| Homo sapiens uncharacterized LOC100287015 (LOC100287015), non-coding RNA;

gi|338797758|ref|NR\_040041.1| Homo sapiens uncharacterized LOC100506068 (LOC100506068), transcript variant 1, mRNA;

gi|338797760|ref|NM\_001242808.1| Homo sapiens bromodomain, testis-specific (BRDT), transcript variant 1, mRNA;

gi|338797764|ref|NR\_039678.1| Homo sapiens microRNA 4468 (MIR4468), microRNA;

gi|338797769|ref|NM\_001242811.1| Homo sapiens ankyrin repeat domain 6 (ANKRD6), transcript variant 2, mRNA;

gi|338797772|ref|NM\_001242812.1| Homo sapiens uncharacterized LOC284385 (LOC284385), mRNA;

gi|338797780|ref|NR\_040043.1| Homo sapiens uncharacterized LOC100505536 (LOC100505536), non-coding RNA;

gi|338797781|ref|NR\_040044.1| Homo sapiens FER1L6 antisense RNA 1 (non-protein coding) (FER1L6-AS1), non-coding RNA;

gi|338797782|ref|NR\_040045.1| Homo sapiens uncharacterized FLJ35424 (FLJ35424), non-coding RNA;

gi|338797783|ref|NM\_001242815.1| Homo sapiens chromosome 2 open reading frame 91 (C2orf91), mRNA;

gi|338797785|ref|NR\_040046.1| Homo sapiens uncharacterized LOC100128682 (LOC100128682), non-coding RNA;

gi|338797790|ref|NR\_039951.1| Homo sapiens microRNA 4788 (MIR4788), microRNA;

gi|338797791|ref|NM\_001242817.1| Homo sapiens differentially expressed in FDCP 8 homolog (mouse) (D8Ertd191e), mRNA;

gi|338797799|ref|NR\_037427.1| Homo sapiens microRNA 3654 (MIR3654), microRNA;

gi|338797805|ref|NR\_040048.1| Homo sapiens uncharacterized LOC100507495 (LOC100507495), transcript variant 1, mRNA;

gi|338827609|ref|NR\_040050.1| Homo sapiens uncharacterized LOC100507351 (LOC100507351), non-coding RNA;

gi|338827616|ref|NR\_040053.1| Homo sapiens ring finger protein 41 (RNF41), transcript variant 5, non-coding RNA;

gi|338827621|ref|NR\_040055.1| Homo sapiens uncharacterized LOC100506686 (LOC100506686), transcript variant 1, mRNA;

gi|338827625|ref|NM\_031244.3| Homo sapiens sirtuin 5 (SIRT5), transcript variant 2, mRNA; gi|338827624|ref|NR\_040057.1| Homo sapiens uncharacterized LOC283683 (LOC283683), non-coding RNA;

gi|338827631|ref|NR\_040058.1| Homo sapiens uncharacterized LOC100505648 (LOC100505648), non-coding RNA;

gi|338827634|ref|NR\_040061.1| Homo sapiens uncharacterized LOC100131089 (LOC100131089), transcript variant 1, mRNA;

gi|338827639|ref|NR\_040063.1| Homo sapiens uncharacterized LOC284649 (DKFZP564C196), non-coding RNA;

gi|338827641|ref|NR\_040064.1| Homo sapiens chromosome 1 open reading frame 98 (C1orf98), non-coding RNA;

gi|338827644|ref|NM\_021814.4| Homo sapiens ELOVL fatty acid elongase 5 (ELOVL5), transcript variant 1, mRNA;

gi|338827651|ref|NR\_040065.1| Homo sapiens uncharacterized LOC728716 (LOC728716), non-coding RNA;

gi|338827658|ref|NR\_040070.1| Homo sapiens uncharacterized LOC100287616 (LOC100287616), transcript variant 1, mRNA;

gi|338827659|ref|NM\_001405.3| Homo sapiens ephrin-A2 (EFNA2), mRNA;

gi|338827661|ref|NM\_032389.4| Homo sapiens ADP-ribosylation factor GTPase activating protein 2 (ARFGAP2), mRNA;

gi|338827664|ref|NR\_040071.1| Homo sapiens uncharacterized LOC100131096 (LOC100131096), non-coding RNA;

gi|338827677|ref|NR\_040072.1| Homo sapiens NDRG family member 4 (NDRG4), transcript variant 8, non-coding RNA;

gi|338827678|ref|NR\_040073.1| Homo sapiens familial acute myelogenous leukemia related factor (LOC100287225), transcript variant 1, mRNA;

gi|338827680|ref|NR\_040075.1| Homo sapiens uncharacterized LOC100287225 (LOC100287225), transcript variant 1, mRNA;

gi|338827684|ref|NM\_001242837.1| Homo sapiens adaptor-related protein complex 2, alpha 2 subunit (AP2A2), mRNA;

gi|338827686|ref|NR\_040076.1| Homo sapiens uncharacterized LOC100507244 (LOC100507244), non-coding RNA;

gi|338827688|ref|NR\_040077.1| Homo sapiens uncharacterized LOC100289178 (LOC100289178), non-coding RNA;

gi|338827689|ref|NR\_040078.1| Homo sapiens KIRREL3 antisense RNA 3 (non-protein coding) (KIRREL3-AS3);

gi|338827691|ref|NR\_040079.1| Homo sapiens uncharacterized LOC399715 (LOC399715), non-coding RNA;

gi|338827692|ref|NM\_006609.4| Homo sapiens mitogen-activated protein kinase kinase kinase 2 (MAP3K2);

gi|338827700|ref|NR\_040080.1| Homo sapiens uncharacterized LOC285150 (FLJ33534), non-coding RNA;

gi|338827701|ref|NR\_040081.1| Homo sapiens uncharacterized LOC100506804 (LOC100506804), non-coding RNA;

gi|338827702|ref|NR\_040082.1| Homo sapiens uncharacterized LOC100128714 (LOC100128714), non-coding RNA;

gi|338827714|ref|NR\_040083.1| Homo sapiens zinc finger protein 195 (ZNF195), transcript variant 7, non-coding RNA;

gi|338827717|ref|NR\_040084.1| Homo sapiens uncharacterized LOC100133286 (LOC100133286), non-coding RNA;

gi|338827734|ref|NR\_040085.1| Homo sapiens uncharacterized LOC100506776 (LOC100506776), non-coding RNA;

gi|338827738|ref|NR\_040088.1| Homo sapiens SET domain containing 4 (SETD4), transcript variant 5, non-coding RNA;

gi|338827741|ref|NM\_001242853.1| Homo sapiens beta-defensin 131-like (LOC100129216), mRNA;

gi|338827743|ref|NR\_040089.1| Homo sapiens uncharacterized LOC100506713 (LOC100506713), non-coding RNA;

gi|338827749|ref|NM\_001242856.1| Homo sapiens ADP-ribosylation factor interacting protein 2 (ARFIP2), transcript variant 1, non-coding RNA;

gi|338827751|ref|NR\_040090.1| Homo sapiens cytochrome P450, family 21, subfamily A, polypeptide 1 pseudogene (CYP21A1P), non-coding RNA;

gi|338827752|ref|NM\_001242857.1| Homo sapiens protein kinase, cAMP-dependent, catalytic, beta (PRKAB2), transcript variant 1, non-coding RNA;

gi|338827766|ref|NM\_017993.3| Homo sapiens ecto-NOX disulfide-thiol exchanger 1 (ENOX1), transcript variant 1, non-coding RNA;

gi|338968835|ref|NR\_040091.1| Homo sapiens uncharacterized LOC100506990 (LOC100506990), transcript variant 1, non-coding RNA;

gi|338968841|ref|NM\_001242865.1| Homo sapiens protein arginine methyltransferase 2 (PRMT2), transcript variant 1, non-coding RNA;

gi|338968843|ref|NR\_040093.1| Homo sapiens uncharacterized LOC100505678 (LOC100505678), non-coding RNA;

gi|338968847|ref|NM\_015134.3| Homo sapiens myosin phosphatase Rho interacting protein (MPRIIP), transcript variant 1, non-coding RNA;

gi|338968851|ref|NM\_001242867.1| Homo sapiens killer cell immunoglobulin-like receptor, three domains (KIR3DL1), transcript variant 1, non-coding RNA;

gi|338968853|ref|NM\_021362.2| Homo sapiens STAM binding protein (STAMBP), transcript variant 3, mRNA;

gi|338968854|ref|NR\_040094.1| Homo sapiens uncharacterized LOC348120 (LOC348120), non-coding RNA;

gi|338968855|ref|NR\_040095.1| Homo sapiens uncharacterized LOC284801 (LOC284801), non-coding RNA;

gi|338968856|ref|NR\_040096.1| Homo sapiens uncharacterized LOC643339 (LOC643339), non-coding RNA;

gi|338968863|ref|NM\_001242870.1| Homo sapiens SLAIN motif family, member 1 (SLAIN1), transcript variant 1, non-coding RNA;

gi|338968867|ref|NR\_040097.1| Homo sapiens uncharacterized LOC100506123 (LOC100506123), non-coding RNA;

gi|338968869|ref|NM\_001242872.1| Homo sapiens kelch domain containing 3 (KLHDC3), transcript variant 1, non-coding RNA;

gi|338968871|ref|NR\_040100.1| Homo sapiens ENTPD3 antisense RNA 1 (non-protein coding) (ENTPD3-AS1);

gi|338968873|ref|NM\_001242874.1| Homo sapiens protein kinase C, zeta (PRKCZ), transcript variant 4, mRNA;

gi|338968879|ref|NM\_024758.4| Homo sapiens agmatine ureohydrolase (agmatinase) (AGMAT), mRNA;

gi|338968882|ref|NR\_040102.1| Homo sapiens uncharacterized LOC400839 (FLJ33581), non-coding RNA;

gi|338968893|ref|NM\_001242879.1| Homo sapiens elongation protein 2 homolog (S. cerevisiae) (ELP2), transcript variant 1, non-coding RNA;

gi|338968896|ref|NM\_001242881.1| Homo sapiens carbohydrate kinase domain containing (CARKD), transcript variant 1, non-coding RNA;

gi|338968904|ref|NR\_040105.1| Homo sapiens uncharacterized LOC401103 (FLJ46066), non-coding RNA;

gi|338968908|ref|NR\_040106.1| Homo sapiens uncharacterized LOC152578 (LOC152578), non-coding RNA;

gi|338968909|ref|NR\_040107.1| Homo sapiens uncharacterized LOC100287559 (LOC100287559), non-coding RNA;

gi|338968910|ref|NR\_040108.1| Homo sapiens uncharacterized LOC728175 (LOC728175), non-coding RNA;

gi|338968911|ref|NR\_040109.1| Homo sapiens uncharacterized LOC100505495 (LOC100505495), non-coding RNA;

gi|338968915|ref|NR\_040111.1| Homo sapiens uncharacterized LOC100505782 (LOC100505782), non-coding RNA;

gi|338968922|ref|NM\_001242890.1| Homo sapiens dopa decarboxylase (aromatic L-amino acid decarboxylase) (DDC), transcript variant 1, non-coding RNA;

gi|338968933|ref|NM\_001242893.1| Homo sapiens cold shock domain containing E1, RNA-binding (CSDE1), transcript variant 1, non-coding RNA;

gi|338970360|ref|NR\_040115.1| Homo sapiens ANKRD62P1-PARP4P3 readthrough (non-protein coding) (ANKRD62P1-PT);

gi|339232534|ref|NM\_001242823.2| Homo sapiens complement C4-B-like (LOC100293534), mRNA;

gi|339275806|ref|NM\_001242920.1| Homo sapiens phospholipid transfer protein (PLTP), transcript variant 1, non-coding RNA;

gi|339275813|ref|NR\_040249.1| Homo sapiens cytochrome P450, family 2, subfamily G, polypeptide 1 pseudogene (CYP2C9P), non-coding RNA;

gi|339275820|ref|NM\_001238.2| Homo sapiens cyclin E1 (CCNE1), mRNA;

gi|339275821|ref|NR\_040250.1| Homo sapiens WWTR1 antisense RNA 1 (non-protein coding) (WWTR1-AS1), non-coding RNA;  
 gi|339275829|ref|NM\_016091.3| Homo sapiens eukaryotic translation initiation factor 3, subunit L (EIF3L), mRNA;  
 gi|339275844|ref|NM\_001242925.1| Homo sapiens transmembrane and coiled-coil domain family 2 (TMCC1), mRNA;  
 gi|339275849|ref|NM\_001242928.1| Homo sapiens zinc finger protein 410 (ZNF410), transcript variant 5, non-coding RNA;  
 gi|339275857|ref|NR\_040117.1| Homo sapiens chromosome 15 open reading frame 2 pseudogene (LOC392250), non-coding RNA;  
 gi|339275870|ref|NR\_040252.1| Homo sapiens ankyrin repeat and sterile alpha motif domain containing 3 (ANKRD3), mRNA;  
 gi|339275876|ref|NR\_040253.1| Homo sapiens uncharacterized LOC282980 (LOC282980), non-coding RNA;  
 gi|339275877|ref|NR\_040254.1| Homo sapiens D21S2088E (D21S2088E), non-coding RNA;  
 gi|339275953|ref|NM\_031297.4| Homo sapiens ring finger protein 208 (RNF208), mRNA;  
 gi|339275956|ref|NR\_040098.1| Homo sapiens uncharacterized LOC100506393 (LOC100506393), non-coding RNA;  
 gi|339275973|ref|NM\_001242902.1| Homo sapiens A kinase (PRKA) anchor protein 1 (AKAP1), transcript variant 1, mRNA;  
 gi|339275982|ref|NM\_002268.4| Homo sapiens karyopherin alpha 4 (importin alpha 3) (KPNA4), mRNA;  
 gi|339275983|ref|NM\_001242885.1| Homo sapiens uncharacterized LOC100287036 (LOC100287036), mRNA;  
 gi|339275985|ref|NM\_004163.4| Homo sapiens RAB27B, member RAS oncogene family (RAB27B), mRNA;  
 gi|339275986|ref|NM\_001242904.1| Homo sapiens metallophosphoesterase 1 (MPPE1), transcript variant 1, mRNA;  
 gi|339275990|ref|NM\_032204.4| Homo sapiens activating signal cointegrator 1 complex subunit 2 (ASCC2), mRNA;  
 gi|339275991|ref|NM\_018177.4| Homo sapiens NEDD4 binding protein 2 (N4BP2), mRNA;  
 gi|339275995|ref|NR\_040244.1| Homo sapiens long intergenic non-protein coding RNA 547 (LINC00547), non-coding RNA;  
 gi|339275996|ref|NR\_040245.1| Homo sapiens uncharacterized LOC100287314 (LOC100287314), non-coding RNA;  
 gi|339275999|ref|NM\_001112732.2| Homo sapiens MCF.2 cell line derived transforming sequence-like (MCF2-L2), non-coding RNA;  
 gi|339276003|ref|NM\_001038633.3| Homo sapiens R-spondin 1 (RSPO1), transcript variant 1, mRNA; gi|339276003|ref|NR\_040112.1| Homo sapiens alpha-2-macroglobulin pseudogene 1 (A2MP1), non-coding RNA;  
 gi|339276008|ref|NR\_040112.1| Homo sapiens alpha-2-macroglobulin pseudogene 1 (A2MP1), non-coding RNA;  
 gi|339276009|ref|NM\_003780.4| Homo sapiens UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 1 (UGT1A1), mRNA;  
 gi|339276010|ref|NR\_040113.1| Homo sapiens ankyrin repeat domain 20 family, member A5, pseudogene 1 (ANKRD20A5), non-coding RNA;  
 gi|339276014|ref|NR\_040114.1| Homo sapiens adaptor-related protein complex 1, beta 1 subunit pseudogene 1 (APB1), non-coding RNA;  
 gi|339276016|ref|NM\_024493.3| Homo sapiens zinc finger with KRAB and SCAN domains 3 (ZKSCAN3), transcript variant 1, mRNA;  
 gi|339276022|ref|NR\_040246.1| Homo sapiens uncharacterized LOC100287944 (LOC100287944), non-coding RNA;  
 gi|339276029|ref|NM\_014662.3| Homo sapiens DEP domain containing 5 (DEPDC5), transcript variant 1, mRNA;  
 gi|339276038|ref|NM\_001242898.1| Homo sapiens protein phosphatase 6, regulatory subunit 2 (PPP6R2), mRNA;  
 gi|339276046|ref|NM\_001242901.1| Homo sapiens uncharacterized LOC100131094 (LOC100131094), mRNA;  
 gi|339276048|ref|NM\_005214.4| Homo sapiens cytotoxic T-lymphocyte-associated protein 4 (CTLA4), transcript variant 1, mRNA;  
 gi|339276049|ref|NM\_006178.3| Homo sapiens N-ethylmaleimide-sensitive factor (NSF), transcript variant 1, mRNA;  
 gi|339276054|ref|NM\_001127715.2| Homo sapiens syntaxin binding protein 5 (tomosyn) (STXBP5), transcript variant 1, mRNA;  
 gi|339276056|ref|NR\_040247.1| Homo sapiens DAOA antisense RNA 1 (non-protein coding) (DAOA-AS1), non-coding RNA;  
 gi|339276066|ref|NM\_001242914.1| Homo sapiens zinc finger, AN1-type domain 6 (ZFAND6), transcript variant 1, mRNA;  
 gi|339276087|ref|NM\_001242922.1| Homo sapiens cancer/testis antigen family 47, member A12 (CT47A12), mRNA;  
 gi|339276100|ref|NM\_001242907.1| Homo sapiens transcription elongation factor B polypeptide 3C-like (LTF3C), mRNA;  
 gi|339409189|ref|NM\_001242933.1| Homo sapiens sorting nexin 1 (SNX1), transcript variant 4, mRNA; gi|339409189|ref|NR\_040248.1| Homo sapiens sorting nexin 1 (SNX1), transcript variant 4, non-coding RNA;  
 gi|339409213|ref|NM\_001008394.2| Homo sapiens EP300 interacting inhibitor of differentiation 3 (EID3), mRNA;  
 gi|339409219|ref|NM\_001242935.1| Homo sapiens synuclein, alpha interacting protein (SNCAIP), transcript variant 1, mRNA;  
 gi|339409226|ref|NM\_001669.3| Homo sapiens arylsulfatase D (ARSD), mRNA;  
 gi|339418229|ref|NM\_001080409.2| Homo sapiens zinc finger protein 99 (ZNF99), mRNA;  
 gi|339449508|ref|NR\_040289.1| Homo sapiens aldo-keto reductase family 7-like (AKR7L), transcript variant 1, mRNA;  
 gi|33946268|ref|NM\_003941.2| Homo sapiens Wiskott-Aldrich syndrome-like (WASL), mRNA;  
 gi|33946275|ref|NM\_004227.3| Homo sapiens cytohesin 3 (CYTH3), mRNA;  
 gi|33946290|ref|NM\_024830.3| Homo sapiens lysophosphatidylcholine acyltransferase 1 (LPCAT1), mRNA;  
 gi|33946310|ref|NM\_183002.1| Homo sapiens solute carrier family 8 (sodium/calcium exchanger), member 1 (SLC8A1), mRNA;

gi|33946320|ref|NM\_182946.1| Homo sapiens ninein (GSK3B interacting protein) (NIN), transcript variant 5

gi|33946330|ref|NM\_001049.2| Homo sapiens somatostatin receptor 1 (SSTR1), mRNA;

gi|33946331|ref|NM\_007013.3| Homo sapiens WW domain containing E3 ubiquitin protein ligase 1 (WWP1

gi|33946335|ref|NM\_002166.4| Homo sapiens inhibitor of DNA binding 2, dominant negative helix-loop-he

gi|339515642|ref|NM\_022053.2| Homo sapiens nuclear RNA export factor 2 (NXF2), mRNA;

gi|339515645|ref|NM\_001099686.2| Homo sapiens nuclear RNA export factor 2B (NXF2B), mRNA;

gi|339515657|ref|NM\_001136570.2| Homo sapiens family with sequence similarity 47, member E (FAM47E

gi|339515664|ref|NM\_003943.4| Homo sapiens starch binding domain 1 (STBD1), mRNA;

gi|339515677|ref|NM\_001242939.1| Homo sapiens FAM47E-STBD1 readthrough (FAM47E-STBD1), mRNA;

gi|339639561|ref|NM\_001242946.1| Homo sapiens ependymin related protein 1 (zebrafish) (EPDR1), trans

gi|339639596|ref|NM\_001242956.1| Homo sapiens septin 7 (SEPT7), transcript variant 3, mRNA; gi|339639

gi|339639607|ref|NM\_001242957.1| Homo sapiens male germ cell-associated kinase (MAK), transcript vari

gi|339715200|ref|NM\_001242992.1| Homo sapiens poly(A)-specific ribonuclease (PARN), transcript variant

gi|339882740|ref|NM\_001243042.1| Homo sapiens major histocompatibility complex, class I, C (HLA-C), tra

gi|339895778|ref|NM\_181746.3| Homo sapiens ceramide synthase 2 (CERS2), transcript variant 1, mRNA; g

gi|339895826|ref|NR\_033797.2| Homo sapiens uncharacterized protein DKFZP434I0714 (DKFZP434I0714),

gi|339895840|ref|NR\_040434.1| Homo sapiens uncharacterized LOC100505676 (LOC100505676), non-codi

gi|339895851|ref|NM\_001626.4| Homo sapiens v-akt murine thymoma viral oncogene homolog 2 (AKT2), t

gi|339895885|ref|NM\_001080408.2| Homo sapiens prospero homeobox 2 (PROX2), transcript variant 2, m

gi|339895893|ref|NM\_001126105.2| Homo sapiens solute carrier family 7 (amino acid transporter light cha

gi|339895894|ref|NR\_040415.1| Homo sapiens long intergenic non-protein coding RNA 266-1 (LINC00266-1

gi|34013527|ref|NM\_020713.1| Homo sapiens zinc finger protein 512B (ZNF512B), mRNA;

gi|340138931|ref|NM\_018690.3| Homo sapiens apolipoprotein B receptor (APOBR), mRNA;

gi|340139811|ref|NM\_022377.3| Homo sapiens intercellular adhesion molecule 4 (Landsteiner-Wiener blo

gi|340523123|ref|NM\_001001396.2| Homo sapiens ATPase, Ca++ transporting, plasma membrane 4 (ATP2

gi|340523140|ref|NM\_001243076.1| Homo sapiens E2F transcription factor 3 (E2F3), transcript variant 2, n

gi|340545506|ref|NM\_006139.3| Homo sapiens CD28 molecule (CD28), transcript variant 1, mRNA; gi|340

gi|340545512|ref|NM\_001243079.1| Homo sapiens polo-like kinase 5 (PLK5), mRNA;

gi|340545516|ref|NM\_001243080.1| Homo sapiens E74-like factor 5 (ets domain transcription factor) (ELF5

gi|340545544|ref|NM\_001243089.1| Homo sapiens forkhead box M1 (FOXO1), transcript variant 5, mRNA;

gi|340545551|ref|NM\_001465.4| Homo sapiens FYN binding protein (FYB), transcript variant 1, mRNA; gi|3

gi|340745329|ref|NM\_001142569.2| Homo sapiens chromosome 1 open reading frame 106 (C1orf106), tra

gi|340745336|ref|NM\_002160.3| Homo sapiens tenascin C (TNC), mRNA;

gi|340745347|ref|NM\_002350.3| Homo sapiens v-yes-1 Yamaguchi sarcoma viral related oncogene homolo

gi|340745351|ref|NM\_001007156.2| Homo sapiens neurotrophic tyrosine kinase, receptor, type 3 (NTRK3)

gi|340805821|ref|NM\_002663.4| Homo sapiens phospholipase D2 (PLD2), transcript variant 1, mRNA; gi|34

gi|340805837|ref|NR\_040513.1| Homo sapiens uncharacterized LOC100506384 (LOC100506384), non-codi

gi|340805856|ref|NM\_001243116.1| Homo sapiens nuclear factor of kappa light polypeptide gene enhance

gi|340805879|ref|NM\_032637.3| Homo sapiens S-phase kinase-associated protein 2, E3 ubiquitin protein li

gi|34101267|ref|NM\_020803.3| Homo sapiens kelch-like 8 (Drosophila) (KLHL8), mRNA;

gi|34147336|ref|NM\_015655.2| Homo sapiens zinc finger protein 337 (ZNF337), mRNA;

gi|34147341|ref|NM\_020961.2| Homo sapiens methyltransferase like 14 (METTL14), mRNA;

gi|34147348|ref|NM\_023931.2| Homo sapiens zinc finger protein 747 (ZNF747), mRNA;

gi|34147349|ref|NM\_024042.2| Homo sapiens meteorin, glial cell differentiation regulator (METRN), mRNA

gi|34147350|ref|NM\_023940.2| Homo sapiens RAS-like, family 11, member B (RASL11B), mRNA;

gi|34147352|ref|NM\_024038.2| Homo sapiens chromosome 19 open reading frame 43 (C19orf43), mRNA;

gi|34147354|ref|NM\_024043.2| Homo sapiens dysbindin (dystrobrevin binding protein 1) domain containin

gi|34147371|ref|NM\_024299.2| Homo sapiens pancreatic progenitor cell differentiation and proliferation f

gi|34147374|ref|NM\_024315.2| Homo sapiens chromosome 7 open reading frame 23 (C7orf23), mRNA;

gi|34147376|ref|NM\_024320.2| Homo sapiens proline rich 15-like (PRR15L), mRNA;

gi|34147378|ref|NM\_024319.2| Homo sapiens chromosome 1 open reading frame 35 (C1orf35), mRNA;

gi|34147389|ref|NM\_025268.2| Homo sapiens transmembrane protein 121 (TMEM121), mRNA;

gi|34147391|ref|NM\_030818.2| Homo sapiens coiled-coil domain containing 130 (CCDC130), mRNA;

gi|34147411|ref|NM\_032309.2| Homo sapiens coiled-coil-helix-coiled-coil-helix domain containing 5 (CHCH

gi|34147413|ref|NM\_032313.2| Homo sapiens nitric oxide associated 1 (NOA1), mRNA;

gi|34147414|ref|NM\_032326.2| Homo sapiens transmembrane protein 175 (TMEM175), mRNA;

gi|34147443|ref|NM\_032765.2| Homo sapiens tripartite motif containing 52 (TRIM52), mRNA;

gi|34147457|ref|NM\_033211.2| Homo sapiens chromosome 5 open reading frame 30 (C5orf30), mRNA;

gi|34147461|ref|NM\_033414.2| Homo sapiens zinc finger protein 622 (ZNF622), mRNA;

gi|34147466|ref|NM\_033504.2| Homo sapiens transmembrane protein 54 (TMEM54), mRNA;

gi|34147476|ref|NM\_019110.3| Homo sapiens zinc finger with KRAB and SCAN domains 4 (ZKSCAN4), mRN

gi|34147490|ref|NM\_022488.3| Homo sapiens ATG3 autophagy related 3 homolog (S. cerevisiae) (ATG3), n

gi|34147523|ref|NM\_030813.3| Homo sapiens ClpB caseinolytic peptidase B homolog (E. coli) (CLPB), mRN

gi|34147526|ref|NM\_138349.2| Homo sapiens tumor protein p53 inducible protein 13 (TP53I13), mRNA;

gi|34147536|ref|NM\_138425.2| Homo sapiens chromosome 12 open reading frame 57 (C12orf57), mRNA;

gi|34147537|ref|NM\_138432.2| Homo sapiens serine dehydratase-like (SDSL), mRNA;

gi|34147543|ref|NM\_138447.1| Homo sapiens zinc finger protein 689 (ZNF689), mRNA;

gi|34147545|ref|NM\_138453.2| Homo sapiens RAB3C, member RAS oncogene family (RAB3C), mRNA;

gi|34147562|ref|NM\_018332.3| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 19A (DDX19A), mR

gi|34147571|ref|NM\_002201.4| Homo sapiens interferon stimulated exonuclease gene 20kDa (ISG20), mRN

gi|34147573|ref|NM\_002213.3| Homo sapiens integrin, beta 5 (ITGB5), mRNA;

gi|34147578|ref|NM\_014338.3| Homo sapiens phosphatidylserine decarboxylase (PISD), mRNA;

gi|34147582|ref|NM\_017748.3| Homo sapiens CWC25 spliceosome-associated protein homolog (S. cerevis

gi|34147589|ref|NM\_020142.3| Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4-l

gi|34147591|ref|NM\_024029.3| Homo sapiens Yip1 domain family, member 2 (YIPF2), mRNA;

gi|34147599|ref|NM\_002414.3| Homo sapiens CD99 molecule (CD99), transcript variant 1, mRNA; gi|17154

gi|34147603|ref|NM\_004604.3| Homo sapiens syntaxin 4 (STX4), mRNA;

gi|34147605|ref|NM\_012140.3| Homo sapiens solute carrier family 25 (mitochondrial carrier; dicarboxylate

gi|34147607|ref|NM\_015953.3| Homo sapiens nitric oxide synthase interacting protein (NOSIP), mRNA;

gi|34147608|ref|NM\_017860.3| Homo sapiens chromosome 1 open reading frame 56 (C1orf56), mRNA;

gi|34147611|ref|NM\_024670.3| Homo sapiens suppressor of variegation 3-9 homolog 2 (Drosophila) (SUV3

gi|34147617|ref|NM\_138807.2| Homo sapiens TAM41, mitochondrial translocator assembly and maintenai

gi|34147622|ref|NM\_002946.3| Homo sapiens replication protein A2, 32kDa (RPA2), mRNA;

gi|34147625|ref|NM\_020185.3| Homo sapiens dual specificity phosphatase 22 (DUSP22), mRNA;

gi|34147628|ref|NM\_002763.3| Homo sapiens prospero homeobox 1 (PROX1), mRNA;

gi|34147632|ref|NM\_005030.3| Homo sapiens polo-like kinase 1 (PLK1), mRNA;

gi|34147639|ref|NM\_017803.3| Homo sapiens dihydrouridine synthase 2-like, SMM1 homolog (S. cerevisia

gi|34147641|ref|NM\_024321.3| Homo sapiens RNA binding motif protein 42 (RBM42), mRNA;

gi|34147656|ref|NM\_003427.3| Homo sapiens zinc finger protein 76 (ZNF76), mRNA;

gi|34147665|ref|NM\_006374.3| Homo sapiens serine/threonine kinase 25 (STK25), mRNA;

gi|34147668|ref|NM\_014312.3| Homo sapiens V-set and immunoglobulin domain containing 2 (VSIG2), mR

gi|34147669|ref|NM\_014437.3| Homo sapiens solute carrier family 39 (zinc transporter), member 1 (SLC39

gi|34147670|ref|NM\_014488.3| Homo sapiens RAB30, member RAS oncogene family (RAB30), mRNA;

gi|34147672|ref|NM\_013443.3| Homo sapiens ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-a

gi|34147675|ref|NM\_015942.3| Homo sapiens MTERF domain containing 1 (MTERFD1), nuclear gene encoding

gi|34147677|ref|NM\_015853.3| Homo sapiens UBX domain protein 1 (UBXN1), mRNA;

gi|34147686|ref|NM\_018561.3| Homo sapiens ubiquitin specific peptidase 49 (USP49), mRNA;

gi|34147687|ref|NM\_022762.3| Homo sapiens required for meiotic nuclear division 5 homolog B (S. cerevisiae)

gi|34147689|ref|NM\_024901.3| Homo sapiens DENN/MADD domain containing 2D (DENND2D), mRNA;

gi|34147691|ref|NM\_025187.3| Homo sapiens chromosome 16 open reading frame 70 (C16orf70), mRNA;

gi|34147695|ref|NM\_032860.3| Homo sapiens LTV1 homolog (S. cerevisiae) (LTV1), mRNA;

gi|34147701|ref|NM\_144706.2| Homo sapiens chromosome 2 open reading frame 15 (C2orf15), mRNA;

gi|34147703|ref|NM\_144999.2| Homo sapiens leucine rich repeat containing 45 (LRRC45), mRNA;

gi|34147711|ref|NM\_145063.2| Homo sapiens chromosome 6 open reading frame 130 (C6orf130), mRNA;

gi|34147712|ref|NM\_005077.3| Homo sapiens transducin-like enhancer of split 1 (E(sp1) homolog, Drosophila)

gi|34147719|ref|NM\_145304.2| Homo sapiens chromosome 7 open reading frame 33 (C7orf33), mRNA;

gi|34147722|ref|NM\_145754.2| Homo sapiens kinesin family member C2 (KIFC2), mRNA;

gi|341572582|ref|NM\_003081.3| Homo sapiens synaptosomal-associated protein, 25kDa (SNAP25), transcript

gi|341572588|ref|NR\_040535.1| Homo sapiens uncharacterized LOC100506472 (LOC100506472), non-coding

gi|341572593|ref|NM\_003797.3| Homo sapiens embryonic ectoderm development (EED), transcript variant

gi|341604747|ref|NM\_001243127.1| Homo sapiens phosphofurin acidic cluster sorting protein 2 (PACS2), transcript

gi|341604753|ref|NM\_004259.6| Homo sapiens RecQ protein-like 5 (RECQL5), transcript variant 1, mRNA; gi|341604759|ref|NR\_040546.1| Homo sapiens phosphodiesterase 4C, cAMP-specific (PDE4C), transcript variant

gi|341604769|ref|NM\_001243131.1| Homo sapiens ribosomal protein L13 (RPL13), transcript variant 4, mRNA;

gi|341823661|ref|NM\_001242318.2| Homo sapiens phosphodiesterase 7A (PDE7A), transcript variant 3, mRNA;

gi|341823664|ref|NM\_177536.3| Homo sapiens sulfotransferase family, cytosolic, 1A, phenol-preferring, member

gi|341823678|ref|NM\_017970.3| Homo sapiens chromosome 14 open reading frame 102 (C14orf102), mRNA;

gi|341823686|ref|NM\_001243135.1| Homo sapiens pellino E3 ubiquitin protein ligase family member 3 (PDLIM3)

gi|341865545|ref|NM\_181353.2| Homo sapiens inhibitor of DNA binding 1, dominant negative helix-loop-helix

gi|341865547|ref|NM\_015589.5| Homo sapiens sterile alpha motif domain containing 4A (SAMD4A), transcript

gi|341865565|ref|NM\_001243144.1| Homo sapiens nucleolar and spindle associated protein 1 (NUSAP1), transcript

gi|341865580|ref|NM\_001243147.1| Homo sapiens nuclear VCP-like (NVL), transcript variant 4, mRNA; gi|341865582|ref|NR\_040582.1| Homo sapiens stromal antigen 3-like 3 (STAG3L3), non-coding RNA;

gi|341865583|ref|NR\_040583.1| Homo sapiens stromal antigen 3-like 1 (STAG3L1), non-coding RNA;

gi|341865584|ref|NR\_040584.1| Homo sapiens stromal antigen 3-like 2 (STAG3L2), non-coding RNA;

gi|341865585|ref|NR\_040585.1| Homo sapiens stromal antigen 3-like 4 (STAG3L4), transcript variant 1, non-coding

gi|341865587|ref|NM\_004759.4| Homo sapiens mitogen-activated protein kinase-activated protein kinase

gi|341913641|ref|XR\_132919.1| PREDICTED: Homo sapiens hypothetical LOC100507059 (LOC100507059), transcript

gi|341913642|ref|XR\_132920.1| PREDICTED: Homo sapiens hypothetical LOC100653264 (LOC100653264), transcript

gi|341913643|ref|XM\_003403618.1| PREDICTED: Homo sapiens hypothetical protein LOC100653268 (LOC100653268),

gi|341913647|ref|XR\_132921.1| PREDICTED: Homo sapiens hypothetical LOC100653167 (LOC100653167), transcript

gi|341913648|ref|XR\_132922.1| PREDICTED: Homo sapiens hypothetical LOC100507228 (LOC100507228), transcript

gi|341913649|ref|XR\_132923.1| PREDICTED: Homo sapiens hypothetical LOC100507143 (LOC100507143), transcript

gi|341913650|ref|XR\_132924.1| PREDICTED: Homo sapiens hypothetical LOC100653199 (LOC100653199), transcript

gi|341913655|ref|XM\_003403620.1| PREDICTED: Homo sapiens MAM and LDL-receptor class A domain-containing

gi|341913657|ref|XR\_132925.1| PREDICTED: Homo sapiens hypothetical LOC100653170 (LOC100653170), transcript

gi|341913659|ref|XR\_132927.1| PREDICTED: Homo sapiens hypothetical LOC100653181, transcript variant

gi|341913665|ref|XM\_003403622.1| PREDICTED: Homo sapiens hypothetical protein LOC100505906 (LOC100505906),

gi|341913667|ref|XR\_132931.1| PREDICTED: Homo sapiens zinc finger protein 182-like (LOC100653080), mRNA;

gi|341913669|ref|XR\_132933.1| PREDICTED: Homo sapiens hypothetical LOC100506913, transcript variant

gi|341913670|ref|XR\_132934.1| PREDICTED: Homo sapiens hypothetical LOC100506769 (LOC100506769), transcript

gi|341913671|ref|XR\_132935.1| PREDICTED: Homo sapiens hypothetical LOC100507058 (LOC100507058), i  
gi|341913672|ref|XR\_132936.1| PREDICTED: Homo sapiens hypothetical LOC100507280 (LOC100507280), i  
gi|341913674|ref|XR\_132938.1| PREDICTED: Homo sapiens hypothetical LOC100653130, transcript variant  
gi|341913676|ref|XR\_132940.1| PREDICTED: Homo sapiens hypothetical LOC100653136 (LOC100653136), i  
gi|341913679|ref|XM\_003403624.1| PREDICTED: Homo sapiens cadherin-23-like, transcript variant 2 (LOC1  
gi|341913693|ref|XR\_132941.1| PREDICTED: Homo sapiens hypothetical LOC100505561 (LOC100505561), i  
gi|341913694|ref|XM\_003403631.1| PREDICTED: Homo sapiens coiled-coil and C2 domain-containing prote  
gi|341913696|ref|XR\_132942.1| PREDICTED: Homo sapiens hypothetical LOC100653122 (LOC100653122), i  
gi|341913706|ref|XR\_132946.1| PREDICTED: Homo sapiens hypothetical LOC100653287 (LOC100653287), i  
gi|341913708|ref|XR\_111119.2| PREDICTED: Homo sapiens hypothetical LOC100505856 (LOC100505856), i  
gi|341913710|ref|XM\_003403635.1| PREDICTED: Homo sapiens hypothetical protein LOC100653310 (LOC1  
gi|341913712|ref|XR\_132948.1| PREDICTED: Homo sapiens hypothetical LOC100653313 (LOC100653313), i  
gi|341913718|ref|XR\_111136.2| PREDICTED: Homo sapiens hypothetical LOC100506167, transcript variant  
gi|341913722|ref|XR\_132952.1| PREDICTED: Homo sapiens hypothetical LOC100131262 (LOC100131262), i  
gi|341913728|ref|XR\_132954.1| PREDICTED: Homo sapiens hypothetical LOC100653319 (LOC100653319), i  
gi|341913731|ref|XR\_132956.1| PREDICTED: Homo sapiens hypothetical LOC100507417 (LOC100507417), i  
gi|341913733|ref|XR\_132958.1| PREDICTED: Homo sapiens hypothetical LOC100507128 (LOC100507128), i  
gi|341913734|ref|XR\_132959.1| PREDICTED: Homo sapiens hypothetical LOC100506675 (LOC100506675), i  
gi|341913735|ref|XR\_132960.1| PREDICTED: Homo sapiens hypothetical LOC100653114 (LOC100653114), i  
gi|341913736|ref|XM\_003119490.2| PREDICTED: Homo sapiens hypothetical protein LOC100508736 (LOC1  
gi|341913740|ref|XM\_003403639.1| PREDICTED: Homo sapiens membrane-spanning 4-domains, subfamily  
gi|341913742|ref|XR\_132963.1| PREDICTED: Homo sapiens hypothetical LOC100129473 (LOC100129473), i  
gi|341913743|ref|XR\_132964.1| PREDICTED: Homo sapiens hypothetical LOC100653281 (LOC100653281), i  
gi|341913744|ref|XR\_132965.1| PREDICTED: Homo sapiens hypothetical LOC100653172 (LOC100653172), i  
gi|341913749|ref|XR\_132967.1| PREDICTED: Homo sapiens putative uncharacterized protein FLJ38264-like  
gi|341913750|ref|XM\_003119509.2| PREDICTED: Homo sapiens putative uncharacterized protein FLJ37770  
gi|341913751|ref|XR\_132968.1| PREDICTED: Homo sapiens hypothetical LOC100287896 (LOC100287896), i  
gi|341913754|ref|XM\_001724873.3| PREDICTED: Homo sapiens putative zinc finger protein 705E-like (LOC:  
gi|341913756|ref|XR\_132970.1| PREDICTED: Homo sapiens hypothetical LOC100653185 (LOC100653185), i  
gi|341913757|ref|XR\_111222.2| PREDICTED: Homo sapiens hypothetical LOC100506941 (LOC100506941), i  
gi|341913761|ref|XR\_132973.1| PREDICTED: Homo sapiens hypothetical LOC100507077 (LOC100507077), i  
gi|341913763|ref|XR\_132975.1| PREDICTED: Homo sapiens hypothetical LOC100653332 (LOC100653332), i  
gi|341913767|ref|XR\_132977.1| PREDICTED: Homo sapiens hypothetical LOC100507431 (LOC100507431), i  
gi|341913768|ref|XR\_132978.1| PREDICTED: Homo sapiens chromosome 11 open reading frame 39 (C11orf  
gi|341913769|ref|XM\_003403640.1| PREDICTED: Homo sapiens neurotrimin-like (LOC100653217), mRNA;  
gi|341913771|ref|XR\_132979.1| PREDICTED: Homo sapiens hypothetical LOC100653275 (LOC100653275), i  
gi|341913772|ref|XR\_132980.1| PREDICTED: Homo sapiens hypothetical LOC100507510 (LOC100507510), i  
gi|341913774|ref|XR\_132982.1| PREDICTED: Homo sapiens hypothetical LOC100653296 (LOC100653296), i  
gi|341913778|ref|XR\_132983.1| PREDICTED: Homo sapiens hypothetical LOC100653288 (LOC100653288), i  
gi|341913779|ref|XR\_132984.1| PREDICTED: Homo sapiens hypothetical LOC100653203 (LOC100653203), i  
gi|341913780|ref|XR\_132985.1| PREDICTED: Homo sapiens hypothetical LOC100653208 (LOC100653208), i  
gi|341913781|ref|XR\_132986.1| PREDICTED: Homo sapiens hypothetical LOC100653179 (LOC100653179), i  
gi|341913782|ref|XR\_132987.1| PREDICTED: Homo sapiens uncharacterized protein C12orf71-like (LOC100  
gi|341913783|ref|XM\_003119527.2| PREDICTED: Homo sapiens prothymosin alpha-like (LOC100506248), n  
gi|341913789|ref|XM\_003403644.1| PREDICTED: Homo sapiens hypothetical protein LOC100653234 (LOC1  
gi|341913791|ref|XM\_003403645.1| PREDICTED: Homo sapiens mucin-19-like (LOC100653238), mRNA;  
gi|341913795|ref|XR\_132988.1| PREDICTED: Homo sapiens hypothetical LOC100653255 (LOC100653255), i



gi|341913796|ref|XR\_132989.1| PREDICTED: Homo sapiens hypothetical LOC100653258 (LOC100653258), i  
gi|341913798|ref|XR\_132990.1| PREDICTED: Homo sapiens hypothetical LOC100505923 (LOC100505923), i  
gi|341913799|ref|XR\_132991.1| PREDICTED: Homo sapiens hypothetical LOC100653266 (LOC100653266), i  
gi|341913800|ref|XR\_132992.1| PREDICTED: Homo sapiens hypothetical LOC100653270, transcript variant  
gi|341913808|ref|XR\_132998.1| PREDICTED: Homo sapiens hypothetical LOC100653198 (LOC100653198), i  
gi|341913810|ref|XR\_133000.1| PREDICTED: Homo sapiens ADP-ribosylation factor-like 2 binding protein p  
gi|341913811|ref|XR\_133001.1| PREDICTED: Homo sapiens hypothetical LOC100653221, transcript variant  
gi|341913813|ref|XM\_003403646.1| PREDICTED: Homo sapiens hypothetical protein LOC100653227 (LOC1  
gi|341913815|ref|XR\_133003.1| PREDICTED: Homo sapiens density-regulated protein-like (LOC100653235)  
gi|341913816|ref|XR\_133004.1| PREDICTED: Homo sapiens hypothetical LOC100653239 (LOC100653239), i  
gi|341913818|ref|XM\_001716650.3| PREDICTED: Homo sapiens chromosome 12 open reading frame 28 (C  
gi|341913821|ref|XR\_111312.2| PREDICTED: Homo sapiens hypothetical LOC100506869, transcript variant  
gi|341913824|ref|XM\_003403647.1| PREDICTED: Homo sapiens hypothetical protein LOC100653271 (LOC1  
gi|341913826|ref|XM\_003403648.1| PREDICTED: Homo sapiens myelin gene regulatory factor-like (LOC100  
gi|341913828|ref|XM\_003403649.1| PREDICTED: Homo sapiens hypothetical protein LOC100653272 (LOC1  
gi|341913832|ref|XR\_133008.1| PREDICTED: Homo sapiens hypothetical LOC100505645 (LOC100505645), i  
gi|341913834|ref|XR\_133010.1| PREDICTED: Homo sapiens hypothetical LOC100507594 (LOC100507594), i  
gi|341913837|ref|XM\_003403650.1| PREDICTED: Homo sapiens chromosome 12 open reading frame 63 (C  
gi|341913839|ref|XM\_003403651.1| PREDICTED: Homo sapiens putative uncharacterized protein C12orf63  
gi|341913846|ref|XR\_133016.1| PREDICTED: Homo sapiens G/T mismatch-specific thymine DNA glycosylase  
gi|341913847|ref|XR\_133017.1| PREDICTED: Homo sapiens hypothetical LOC100653169 (LOC100653169), i  
gi|341913848|ref|XR\_133018.1| PREDICTED: Homo sapiens hypothetical LOC100653174 (LOC100653174), i  
gi|341913849|ref|XR\_133019.1| PREDICTED: Homo sapiens hypothetical LOC100653182 (LOC100653182), i  
gi|341913852|ref|XM\_003403653.1| PREDICTED: Homo sapiens hypothetical protein LOC100653341 (LOC1  
gi|341913862|ref|XR\_133020.1| PREDICTED: Homo sapiens hypothetical LOC400099 (LOC400099), miscRNA  
gi|341913863|ref|XR\_111366.2| PREDICTED: Homo sapiens hypothetical LOC100505610, transcript variant  
gi|341913864|ref|XR\_133021.1| PREDICTED: Homo sapiens hypothetical LOC100653317 (LOC100653317), i  
gi|341913866|ref|XR\_133023.1| PREDICTED: Homo sapiens hypothetical LOC100653321, transcript variant  
gi|341913867|ref|XR\_133024.1| PREDICTED: Homo sapiens SACS antisense RNA 1 (non-protein coding) (SA  
gi|341913870|ref|XR\_133025.1| PREDICTED: Homo sapiens hypothetical LOC100132234 (LOC100132234), i  
gi|341913872|ref|XR\_133027.1| PREDICTED: Homo sapiens hCG181504 (LOC440132), miscRNA; gi|34191  
gi|341913875|ref|XR\_133028.1| PREDICTED: Homo sapiens hypothetical LOC100653175 (LOC100653175), i  
gi|341913876|ref|XR\_133029.1| PREDICTED: Homo sapiens hypothetical LOC100653187 (LOC100653187), i  
gi|341913877|ref|XR\_133030.1| PREDICTED: Homo sapiens transmembrane phosphoinositide 3-phosphata  
gi|341913878|ref|XM\_003403659.1| PREDICTED: Homo sapiens leucine rich repeat containing 63 (LRRC63),  
gi|341913882|ref|XM\_003403660.1| PREDICTED: Homo sapiens hypothetical protein LOC100507505 (LOC1  
gi|341913884|ref|XM\_001715647.3| PREDICTED: Homo sapiens hypothetical protein LOC730236 (LOC7302  
gi|341913886|ref|XR\_133033.1| PREDICTED: Homo sapiens hypothetical LOC100288208 (LOC100288208), i  
gi|341913887|ref|XR\_133034.1| PREDICTED: Homo sapiens hypothetical LOC100505518 (LOC100505518), i  
gi|341913888|ref|XM\_003403661.1| PREDICTED: Homo sapiens immunoresponsive 1 homolog (mouse) (IR  
gi|341913890|ref|XR\_133035.1| PREDICTED: Homo sapiens hypothetical LOC100653106 (LOC100653106), i  
gi|341913891|ref|XM\_003403662.1| PREDICTED: Homo sapiens heparan-sulfate 6-O-sulfotransferase 3-like  
gi|341913893|ref|XM\_003403663.1| PREDICTED: Homo sapiens DKFZp451A211 protein (DKFZp451A211), r  
gi|341913895|ref|XR\_133036.1| PREDICTED: Homo sapiens hypothetical LOC100505996 (LOC100505996), i  
gi|341913896|ref|XR\_133037.1| PREDICTED: Homo sapiens hypothetical LOC100653343 (LOC100653343), i  
gi|341913897|ref|XR\_133038.1| PREDICTED: Homo sapiens hypothetical LOC100506157 (LOC100506157), i  
gi|341913898|ref|XM\_003403664.1| PREDICTED: Homo sapiens tetratricopeptide repeat protein 6-like (LO

gi|341913900|ref|XM\_003403665.1| PREDICTED: Homo sapiens putative uncharacterized protein C14orf25  
gi|341913904|ref|XR\_133039.1| PREDICTED: Homo sapiens hypothetical LOC100653279 (LOC100653279), l  
gi|341913905|ref|XR\_133040.1| PREDICTED: Homo sapiens hypothetical LOC100653280 (LOC100653280), l  
gi|341913907|ref|XR\_133042.1| PREDICTED: Homo sapiens hypothetical LOC100506412, transcript variant  
gi|341913911|ref|XR\_133044.1| PREDICTED: Homo sapiens hypothetical LOC100653297 (LOC100653297), l  
gi|341913912|ref|XR\_133045.1| PREDICTED: Homo sapiens hypothetical LOC100506498 (LOC100506498), l  
gi|341913913|ref|XR\_133046.1| PREDICTED: Homo sapiens hypothetical LOC100653305 (LOC100653305), l  
gi|341913918|ref|XR\_133051.1| PREDICTED: Homo sapiens hypothetical LOC100506817 (LOC100506817), l  
gi|341913919|ref|XR\_133052.1| PREDICTED: Homo sapiens hypothetical LOC100506832 (LOC100506832), l  
gi|341913920|ref|XR\_133053.1| PREDICTED: Homo sapiens hypothetical LOC100653338 (LOC100653338), l  
gi|341913921|ref|XR\_133054.1| PREDICTED: Homo sapiens hypothetical LOC100506792, transcript variant  
gi|341913923|ref|XR\_133056.1| PREDICTED: Homo sapiens hypothetical LOC100128075 (LOC100128075), l  
gi|341913925|ref|XR\_133058.1| PREDICTED: Homo sapiens hypothetical LOC100506624 (LOC100506624), l  
gi|341913926|ref|XR\_133059.1| PREDICTED: Homo sapiens hypothetical LOC100653105 (LOC100653105), l  
gi|341913930|ref|XR\_133063.1| PREDICTED: Homo sapiens hypothetical LOC100128366 (LOC100128366), l  
gi|341913931|ref|XR\_133064.1| PREDICTED: Homo sapiens ETS domain-containing protein Elk-1-like (LOC1  
gi|341913932|ref|XM\_003403666.1| PREDICTED: Homo sapiens hypothetical protein LOC100653084 (LOC1  
gi|341913934|ref|XM\_003403667.1| PREDICTED: Homo sapiens V-set and immunoglobulin domain contain  
gi|341913936|ref|XM\_001716198.3| PREDICTED: Homo sapiens putative V-set and immunoglobulin domain  
gi|341913938|ref|XM\_001716222.3| PREDICTED: Homo sapiens putative V-set and immunoglobulin domain  
gi|341913943|ref|XR\_133066.1| PREDICTED: Homo sapiens hypothetical LOC100506965 (LOC100506965), l  
gi|341913946|ref|XR\_133067.1| PREDICTED: Homo sapiens u3 small nucleolar ribonucleoprotein protein M  
gi|341913947|ref|XM\_003403670.1| PREDICTED: Homo sapiens transmembrane and coiled-coil domain-co  
gi|341913950|ref|XM\_003403671.1| PREDICTED: Homo sapiens hypothetical protein LOC100653153 (LOC1  
gi|341913953|ref|XR\_133069.1| PREDICTED: Homo sapiens hypothetical LOC100507480 (LOC100507480), l  
gi|341913954|ref|XR\_111504.2| PREDICTED: Homo sapiens hypothetical LOC100508892, transcript variant  
gi|341913955|ref|XM\_003403672.1| PREDICTED: Homo sapiens formin-1-like (LOC100653168), mRNA;  
gi|341913957|ref|XM\_003403673.1| PREDICTED: Homo sapiens hypothetical protein LOC100289090 (LOC1  
gi|341913959|ref|XR\_111512.2| PREDICTED: Homo sapiens hypothetical LOC100130579 (LOC100130579), l  
gi|341913961|ref|XR\_133071.1| PREDICTED: Homo sapiens hypothetical FLJ38723 (FLJ38723), miscRNA; gi|  
gi|341913966|ref|XR\_133076.1| PREDICTED: Homo sapiens hypothetical LOC100653087 (LOC100653087), l  
gi|341913967|ref|XR\_133077.1| PREDICTED: Homo sapiens hypothetical LOC100506104 (LOC100506104), l  
gi|341913970|ref|XR\_133080.1| PREDICTED: Homo sapiens hypothetical LOC100653100 (LOC100653100), l  
gi|341913971|ref|XR\_133081.1| PREDICTED: Homo sapiens hypothetical LOC100653108 (LOC100653108), l  
gi|341913972|ref|XR\_133082.1| PREDICTED: Homo sapiens putative uncharacterized protein C14orf165-lik  
gi|341913973|ref|XM\_003403674.1| PREDICTED: Homo sapiens hypothetical protein LOC100653074 (LOC1  
gi|341913977|ref|XR\_133085.1| PREDICTED: Homo sapiens hypothetical LOC100129502 (LOC100129502), l  
gi|341913978|ref|XR\_133086.1| PREDICTED: Homo sapiens hypothetical LOC100507079 (LOC100507079), l  
gi|341913980|ref|XR\_111550.2| PREDICTED: Homo sapiens AGVR6190 (LOC643797), miscRNA; gi|3419157  
gi|341913981|ref|XR\_133088.1| PREDICTED: Homo sapiens hypothetical LOC100653333 (LOC100653333), l  
gi|341913983|ref|XR\_133090.1| PREDICTED: Homo sapiens hypothetical LOC100507288 (LOC100507288), l  
gi|341913984|ref|XR\_133091.1| PREDICTED: Homo sapiens hypothetical LOC100507311 (LOC100507311), l  
gi|341913989|ref|XR\_133096.1| PREDICTED: Homo sapiens hypothetical LOC100506914 (LOC100506914), l  
gi|341913991|ref|XM\_003403675.1| PREDICTED: Homo sapiens hypothetical protein LOC100653249 (LOC1  
gi|341913993|ref|XR\_133098.1| PREDICTED: Homo sapiens hypothetical LOC100653257 (LOC100653257), l  
gi|341913994|ref|XR\_133099.1| PREDICTED: Homo sapiens e3 ubiquitin-protein ligase HERC2-like (LOC100  
gi|341913995|ref|XM\_003403676.1| PREDICTED: Homo sapiens ig heavy chain V-III region VH26-like (LOC4

gi|341913997|ref|XR\_133100.1| PREDICTED: Homo sapiens bcl-2-associated transcription factor 1-like (LOC100653323), transcript variant 1

gi|341913998|ref|XR\_133101.1| PREDICTED: Homo sapiens superoxide dismutase [Cu-Zn]-like (LOC100653324), transcript variant 1

gi|341913999|ref|XR\_133102.1| PREDICTED: Homo sapiens hypothetical LOC100653273, transcript variant 1

gi|341914001|ref|XR\_133104.1| PREDICTED: Homo sapiens hydrocephalus inducing homolog 2 (mouse) (HSD17B10)

gi|341914003|ref|XR\_133105.1| PREDICTED: Homo sapiens peptidyl-prolyl cis-trans isomerase A-like (LOC100653325), transcript variant 1

gi|341914005|ref|XR\_133107.1| PREDICTED: Homo sapiens polycystic kidney disease protein 1-like 2-like (LOC100653326), transcript variant 1

gi|341914006|ref|XR\_133108.1| PREDICTED: Homo sapiens hypothetical LOC100653213, transcript variant 1

gi|341914008|ref|XR\_111611.2| PREDICTED: Homo sapiens hypothetical LOC100506670 (LOC100506670), transcript variant 1

gi|341914011|ref|XR\_133112.1| PREDICTED: Homo sapiens hypothetical LOC100507047 (LOC100507047), transcript variant 1

gi|341914012|ref|XM\_003403677.1| PREDICTED: Homo sapiens 3-phosphoinositide-dependent protein kinase-1 (PDK1)

gi|341914014|ref|XR\_133113.1| PREDICTED: Homo sapiens hypothetical LOC100653326 (LOC100653326), transcript variant 1

gi|341914015|ref|XR\_133114.1| PREDICTED: Homo sapiens hypothetical LOC100507378 (LOC100507378), transcript variant 1

gi|341914018|ref|XR\_133115.1| PREDICTED: Homo sapiens hypothetical LOC100653076 (LOC100653076), transcript variant 1

gi|341914025|ref|XM\_003403680.1| PREDICTED: Homo sapiens hypothetical protein LOC100653293 (LOC100653293), transcript variant 1

gi|341914027|ref|XR\_111643.2| PREDICTED: Homo sapiens hypothetical LOC100505672 (LOC100505672), transcript variant 1

gi|341914032|ref|XR\_111645.2| PREDICTED: Homo sapiens hypothetical LOC100288162 (LOC100288162), transcript variant 1

gi|341914036|ref|XR\_133120.1| PREDICTED: Homo sapiens protein mago nashi homolog 2-like (LOC100506671), transcript variant 1

gi|341914037|ref|XM\_003403682.1| PREDICTED: Homo sapiens arachidonate 15-lipoxygenase-like (LOC100653327), transcript variant 1

gi|341914039|ref|XR\_133121.1| PREDICTED: Homo sapiens hypothetical LOC100288728 (LOC100288728), transcript variant 1

gi|341914040|ref|XR\_133122.1| PREDICTED: Homo sapiens hypothetical LOC100288822 (LOC100288822), transcript variant 1

gi|341914041|ref|XM\_003403683.1| PREDICTED: Homo sapiens hypothetical protein LOC100653196 (LOC100653196), transcript variant 1

gi|341914043|ref|XM\_003403684.1| PREDICTED: Homo sapiens hypothetical protein LOC100653318 (LOC100653318), transcript variant 1

gi|341914045|ref|XR\_133123.1| PREDICTED: Homo sapiens hypothetical LOC100653320 (LOC100653320), transcript variant 1

gi|341914046|ref|XR\_133124.1| PREDICTED: Homo sapiens hypothetical LOC100653189, transcript variant 1

gi|341914048|ref|XR\_133126.1| PREDICTED: Homo sapiens hypothetical LOC100507131 (LOC100507131), transcript variant 1

gi|341914049|ref|XR\_133127.1| PREDICTED: Homo sapiens NADH dehydrogenase [ubiquinone] 1 beta subunit (ND1)

gi|341914050|ref|XM\_003403685.1| PREDICTED: Homo sapiens ATP-sensitive inward rectifier potassium channel 1 (IRK1)

gi|341914052|ref|XM\_003403686.1| PREDICTED: Homo sapiens hypothetical protein LOC100653224 (LOC100653224), transcript variant 1

gi|341914057|ref|XR\_133129.1| PREDICTED: Homo sapiens hypothetical LOC100653262 (LOC100653262), transcript variant 1

gi|341914060|ref|XR\_133132.1| PREDICTED: Homo sapiens hypothetical LOC100653307 (LOC100653307), transcript variant 1

gi|341914061|ref|XR\_133133.1| PREDICTED: Homo sapiens putative apoptosis-related protein 2-like (LOC100653328), transcript variant 1

gi|341914062|ref|XR\_111701.2| PREDICTED: Homo sapiens hypothetical LOC100290566 (LOC100290566), transcript variant 1

gi|341914065|ref|XR\_111704.2| PREDICTED: Homo sapiens hypothetical LOC100505988 (LOC100505988), transcript variant 1

gi|341914067|ref|XR\_133135.1| PREDICTED: Homo sapiens hypothetical LOC100130148 (LOC100130148), transcript variant 1

gi|341914068|ref|XR\_133136.1| PREDICTED: Homo sapiens hypothetical LOC100653329 (LOC100653329), transcript variant 1

gi|341914070|ref|XR\_133138.1| PREDICTED: Homo sapiens hypothetical LOC100506252 (LOC100506252), transcript variant 1

gi|341914072|ref|XR\_111720.2| PREDICTED: Homo sapiens hypothetical FLJ42842 (FLJ42842), miscRNA; gi|341914075|ref|XR\_111722.2| PREDICTED: Homo sapiens hypothetical LOC100288781 (LOC100288781), transcript variant 1

gi|341914076|ref|XM\_003403688.1| PREDICTED: Homo sapiens hypothetical protein LOC100653096 (LOC100653096), transcript variant 1

gi|341914082|ref|XR\_133140.1| PREDICTED: Homo sapiens protein FAM136A-like (LOC390806), miscRNA; gi|341914087|ref|XR\_133145.1| PREDICTED: Homo sapiens hypothetical LOC100506882 (LOC100506882), transcript variant 1

gi|341914088|ref|XR\_133146.1| PREDICTED: Homo sapiens DEAH (Asp-Glu-Ala-His) box polypeptide 40 pseudogene 1 (DEAF1-AS1)

gi|341914091|ref|XR\_133148.1| PREDICTED: Homo sapiens hypothetical LOC100653197 (LOC100653197), transcript variant 1

gi|341914092|ref|XM\_003403691.1| PREDICTED: Homo sapiens hypothetical protein LOC100653205 (LOC100653205), transcript variant 1

gi|341914094|ref|XM\_003403692.1| PREDICTED: Homo sapiens hypothetical protein LOC100653230 (LOC100653230), transcript variant 1

gi|341914096|ref|XR\_133149.1| PREDICTED: Homo sapiens hypothetical LOC100507520, transcript variant 1

gi|341914098|ref|XM\_003403693.1| PREDICTED: Homo sapiens hypothetical protein LOC100505970 (LOC100505970), transcript variant 1

gi|341914100|ref|XR\_133151.1| PREDICTED: Homo sapiens hypothetical LOC100653102 (LOC100653102), l

gi|341914101|ref|XM\_003403694.1| PREDICTED: Homo sapiens putative uncharacterized protein ENSP000

gi|341914106|ref|XR\_133153.1| PREDICTED: Homo sapiens chromosome 18 open reading frame 61 (C18or

gi|341914107|ref|XM\_003403695.1| PREDICTED: Homo sapiens hypothetical protein LOC100288902 (LOC1

gi|341914109|ref|XR\_133154.1| PREDICTED: Homo sapiens hypothetical LOC100653291 (LOC100653291), l

gi|341914110|ref|XR\_133155.1| PREDICTED: Homo sapiens hypothetical LOC100506837 (LOC100506837), l

gi|341914111|ref|XR\_133156.1| PREDICTED: Homo sapiens hypothetical LOC100653299 (LOC100653299), l

gi|341914115|ref|XM\_003403697.1| PREDICTED: Homo sapiens hypothetical protein LOC100653256 (LOC1

gi|341914117|ref|XM\_003403698.1| PREDICTED: Homo sapiens SKI family transcriptional corepressor 2 (SK

gi|341914121|ref|XR\_133158.1| PREDICTED: Homo sapiens hypothetical LOC100653077 (LOC100653077), l

gi|341914122|ref|XR\_133159.1| PREDICTED: Homo sapiens hypothetical LOC100653142 (LOC100653142), l

gi|341914124|ref|XR\_133161.1| PREDICTED: Homo sapiens hypothetical LOC100653150 (LOC100653150), l

gi|341914125|ref|XR\_133162.1| PREDICTED: Homo sapiens hypothetical LOC100653218 (LOC100653218), l

gi|341914126|ref|XR\_133163.1| PREDICTED: Homo sapiens hypothetical LOC100653220 (LOC100653220), l

gi|341914131|ref|XM\_003403702.1| PREDICTED: Homo sapiens putative uncharacterized protein UNQ9165

gi|341914135|ref|XR\_133166.1| PREDICTED: Homo sapiens hypothetical LOC100507353, transcript variant

gi|341914136|ref|XM\_003403703.1| PREDICTED: Homo sapiens guanine nucleotide binding protein (G prot

gi|341914141|ref|XR\_133168.1| PREDICTED: Homo sapiens zinc finger protein 709-like (LOC730651), miscR

gi|341914142|ref|XR\_133169.1| PREDICTED: Homo sapiens hypothetical LOC100287160 (LOC100287160), l

gi|341914145|ref|XR\_133170.1| PREDICTED: Homo sapiens zinc finger protein 726-like (LOC100509175), m

gi|341914149|ref|XM\_001715065.4| PREDICTED: Homo sapiens zinc finger protein 730 (ZNF730), mRNA; gi

gi|341914151|ref|XR\_133171.1| PREDICTED: Homo sapiens hypothetical LOC100653117 (LOC100653117), l

gi|341914156|ref|XR\_133176.1| PREDICTED: Homo sapiens hypothetical LOC100506694, transcript variant

gi|341914160|ref|XR\_133178.1| PREDICTED: Homo sapiens hypothetical LOC100293044 (LOC100293044), l

gi|341914161|ref|XR\_133179.1| PREDICTED: Homo sapiens hypothetical LOC100653126 (LOC100653126), l

gi|341914162|ref|XR\_133180.1| PREDICTED: Homo sapiens hypothetical LOC100653128 (LOC100653128), l

gi|341914163|ref|XR\_133181.1| PREDICTED: Homo sapiens hypothetical LOC100507359 (LOC100507359), l

gi|341914164|ref|XM\_003403707.1| PREDICTED: Homo sapiens Ets2 repressor factor-like (LOC390937), mF

gi|341914166|ref|XM\_003403708.1| PREDICTED: Homo sapiens protein capicua homolog (LOC100653306),

gi|341914168|ref|XR\_133182.1| PREDICTED: Homo sapiens hypothetical LOC100507342 (LOC100507342), l

gi|341914169|ref|XR\_111885.2| PREDICTED: Homo sapiens hypothetical LOC400692 (LOC400692), miscRN

gi|341914170|ref|XR\_133183.1| PREDICTED: Homo sapiens hypothetical LOC100507591 (LOC100507591), l

gi|341914171|ref|XR\_133184.1| PREDICTED: Homo sapiens hypothetical LOC100653322 (LOC100653322), l

gi|341914172|ref|XM\_003403709.1| PREDICTED: Homo sapiens putative uncharacterized protein FLJ38264

gi|341914175|ref|XR\_133186.1| PREDICTED: Homo sapiens hypothetical LOC100505585 (LOC100505585), l

gi|341914176|ref|XR\_133187.1| PREDICTED: Homo sapiens hypothetical LOC100505639 (LOC100505639), l

gi|341914178|ref|XR\_111873.2| PREDICTED: Homo sapiens hypothetical LOC100508287 (LOC100508287), l

gi|341914180|ref|XM\_003403710.1| PREDICTED: Homo sapiens hypothetical protein LOC100287526 (LOC1

gi|341914185|ref|XR\_133191.1| PREDICTED: Homo sapiens hypothetical LOC100653303 (LOC100653303), l

gi|341914189|ref|XR\_133193.1| PREDICTED: Homo sapiens putative ATP-binding domain-containing protei

gi|341914190|ref|XM\_001718923.2| PREDICTED: Homo sapiens peptidyl-prolyl cis-trans isomerase A-like (L

gi|341914192|ref|XR\_133194.1| PREDICTED: Homo sapiens hypothetical LOC100653267 (LOC100653267), l

gi|341914193|ref|XR\_133195.1| PREDICTED: Homo sapiens hypothetical LOC100507739 (LOC100507739), l

gi|341914195|ref|XR\_133197.1| PREDICTED: Homo sapiens hypothetical LOC100506374 (LOC100506374), l

gi|341914198|ref|XR\_133198.1| PREDICTED: Homo sapiens hypothetical LOC100653089 (LOC100653089), l

gi|341914200|ref|XR\_133200.1| PREDICTED: Homo sapiens hypothetical LOC100505794, transcript variant

gi|341914201|ref|XM\_003403712.1| PREDICTED: Homo sapiens putative neuroblastoma breakpoint family

gi|341914205|ref|XR\_133203.1| PREDICTED: Homo sapiens hypothetical LOC100653151 (LOC100653151), i  
gi|341914206|ref|XR\_111941.2| PREDICTED: Homo sapiens hypothetical LOC100505623 (LOC100505623), i  
gi|341914208|ref|XR\_111943.2| PREDICTED: Homo sapiens hypothetical LOC100129268, transcript variant  
gi|341914210|ref|XR\_133205.1| PREDICTED: Homo sapiens hypothetical LOC100653116 (LOC100653116), i  
gi|341914211|ref|XR\_133206.1| PREDICTED: Homo sapiens hypothetical LOC100287049 (LOC100287049), i  
gi|341914212|ref|XR\_133207.1| PREDICTED: Homo sapiens hypothetical LOC100505703 (LOC100505703), i  
gi|341914216|ref|XR\_133209.1| PREDICTED: Homo sapiens hypothetical LOC100506838 (LOC100506838), i  
gi|341914217|ref|XR\_133210.1| PREDICTED: Homo sapiens hypothetical LOC100653098 (LOC100653098), i  
gi|341914218|ref|XR\_133211.1| PREDICTED: Homo sapiens hypothetical LOC100289488 (LOC100289488), i  
gi|341914219|ref|XR\_111978.2| PREDICTED: Homo sapiens hypothetical LOC100506573 (LOC100506573), i  
gi|341914220|ref|XR\_133212.1| PREDICTED: Homo sapiens hypothetical LOC100653118 (LOC100653118), i  
gi|341914225|ref|XR\_133215.1| PREDICTED: Homo sapiens hypothetical LOC100287813 (LOC100287813), i  
gi|341914226|ref|XR\_133216.1| PREDICTED: Homo sapiens hypothetical LOC100653324 (LOC100653324), i  
gi|341914228|ref|XR\_133218.1| PREDICTED: Homo sapiens hypothetical LOC100653154 (LOC100653154), i  
gi|341914229|ref|XR\_112007.2| PREDICTED: Homo sapiens family with sequence similarity 108, member A  
gi|341914230|ref|XR\_133219.1| PREDICTED: Homo sapiens hypothetical LOC100653135 (LOC100653135), i  
gi|341914231|ref|XR\_133220.1| PREDICTED: Homo sapiens hypothetical LOC100506899 (LOC100506899), i  
gi|341914235|ref|XR\_133222.1| PREDICTED: Homo sapiens hypothetical LOC100653176 (LOC100653176), i  
gi|341914238|ref|XR\_133225.1| PREDICTED: Homo sapiens hypothetical LOC100506915 (LOC100506915), i  
gi|341914242|ref|XR\_133227.1| PREDICTED: Homo sapiens hypothetical LOC100506778 (LOC100506778), i  
gi|341914245|ref|XR\_133228.1| PREDICTED: Homo sapiens NADH-ubiquinone oxidoreductase chain 2-like (L  
gi|341914246|ref|XR\_133229.1| PREDICTED: Homo sapiens hypothetical LOC100506484 (LOC100506484), i  
gi|341914247|ref|XR\_133230.1| PREDICTED: Homo sapiens hypothetical LOC100506687 (LOC100506687), i  
gi|341914251|ref|XR\_133232.1| PREDICTED: Homo sapiens hypothetical LOC100653159 (LOC100653159), i  
gi|341914253|ref|XR\_133234.1| PREDICTED: Homo sapiens hypothetical LOC100653178 (LOC100653178), i  
gi|341914257|ref|XR\_133235.1| PREDICTED: Homo sapiens hypothetical LOC100653078 (LOC100653078), i  
gi|341914258|ref|XR\_133236.1| PREDICTED: Homo sapiens hypothetical LOC100653331, transcript variant  
gi|341914260|ref|XR\_133238.1| PREDICTED: Homo sapiens hypothetical LOC100653335 (LOC100653335), i  
gi|341914267|ref|XR\_133239.1| PREDICTED: Homo sapiens hypothetical LOC100653109 (LOC100653109), i  
gi|341914268|ref|XR\_133240.1| PREDICTED: Homo sapiens hypothetical LOC100507664 (LOC100507664), i  
gi|341914269|ref|XR\_133241.1| PREDICTED: Homo sapiens hypothetical LOC100653129 (LOC100653129), i  
gi|341914270|ref|XR\_133242.1| PREDICTED: Homo sapiens hypothetical LOC100653131 (LOC100653131), i  
gi|341914271|ref|XR\_133243.1| PREDICTED: Homo sapiens hypothetical LOC100653134 (LOC100653134), i  
gi|341914272|ref|XR\_133244.1| PREDICTED: Homo sapiens 6.8 kDa mitochondrial proteolipid-like (LOC100  
gi|341914275|ref|XM\_003119805.2| PREDICTED: Homo sapiens spermatogenesis associated 1 (SPATA1), m  
gi|341914278|ref|XR\_133247.1| PREDICTED: Homo sapiens hypothetical LOC100132240 (LOC100132240), i  
gi|341914279|ref|XR\_133248.1| PREDICTED: Homo sapiens hypothetical LOC100653314 (LOC100653314), i  
gi|341914281|ref|XR\_133250.1| PREDICTED: Homo sapiens hypothetical LOC149351 (LOC149351), miscRN  
gi|341914283|ref|XR\_133252.1| PREDICTED: Homo sapiens hypothetical LOC100506392 (LOC100506392), i  
gi|341914295|ref|XM\_003403727.1| PREDICTED: Homo sapiens signal-regulatory protein beta-1 isoform 3-  
gi|341914301|ref|XR\_133254.1| PREDICTED: Homo sapiens hypothetical LOC100507579 (LOC100507579), i  
gi|341914302|ref|XR\_133255.1| PREDICTED: Homo sapiens chromosome 20 open reading frame 61 (C20or  
gi|341914303|ref|XM\_003403730.1| PREDICTED: Homo sapiens signal-regulatory protein beta-1-like (LOC1  
gi|341914305|ref|XR\_133256.1| PREDICTED: Homo sapiens hypothetical LOC100653248 (LOC100653248), i  
gi|341914307|ref|XR\_133258.1| PREDICTED: Homo sapiens hypothetical LOC100505683 (LOC100505683), i  
gi|341914308|ref|XR\_133259.1| PREDICTED: Homo sapiens hypothetical LOC100289308 (LOC100289308), i  
gi|341914309|ref|XR\_133260.1| PREDICTED: Homo sapiens hypothetical LOC100653097 (LOC100653097), i

gi|341914314|ref|XM\_003119820.2| PREDICTED: Homo sapiens EF-hand calcium binding domain 8 (EFCAB8), isoform 1

gi|341914319|ref|XR\_133262.1| PREDICTED: Homo sapiens hypothetical LOC100505663, transcript variant 1

gi|341914322|ref|XR\_133264.1| PREDICTED: Homo sapiens hypothetical LOC100506175 (LOC100506175), isoform 1

gi|341914323|ref|XM\_003403734.1| PREDICTED: Homo sapiens hypothetical protein LOC100653094 (LOC100653094), isoform 1

gi|341914325|ref|XR\_133265.1| PREDICTED: Homo sapiens hypothetical LOC100291105 (LOC100291105), isoform 1

gi|341914326|ref|XM\_001716479.3| PREDICTED: Homo sapiens hypothetical protein LOC728671 (LOC728671), isoform 1

gi|341914331|ref|XM\_003403735.1| PREDICTED: Homo sapiens hypothetical protein LOC100653253 (LOC100653253), isoform 1

gi|341914333|ref|XR\_133267.1| PREDICTED: Homo sapiens hypothetical LOC100505735 (LOC100505735), isoform 1

gi|341914334|ref|XR\_133268.1| PREDICTED: Homo sapiens hypothetical protein FLJ32154 (FLJ32154), miscellaneous

gi|341914336|ref|XR\_133270.1| PREDICTED: Homo sapiens hypothetical LOC100653315 (LOC100653315), isoform 1

gi|341914337|ref|XM\_003403736.1| PREDICTED: Homo sapiens IQ motif and SEC7 domain-containing protein 1

gi|341914341|ref|XM\_003403738.1| PREDICTED: Homo sapiens hypothetical protein LOC100653263 (LOC100653263), isoform 1

gi|341914343|ref|XR\_133271.1| PREDICTED: Homo sapiens hypothetical LOC100653285 (LOC100653285), isoform 1

gi|341914345|ref|XR\_133273.1| PREDICTED: Homo sapiens hypothetical LOC100506369 (LOC100506369), isoform 1

gi|341914346|ref|XR\_133274.1| PREDICTED: Homo sapiens hypothetical LOC100506403 (LOC100506403), isoform 1

gi|341914348|ref|XM\_003403739.1| PREDICTED: Homo sapiens hypothetical protein LOC100653147 (LOC100653147), isoform 1

gi|341914350|ref|XR\_133276.1| PREDICTED: Homo sapiens hypothetical LOC100653149 (LOC100653149), isoform 1

gi|341914351|ref|XR\_133277.1| PREDICTED: Homo sapiens hypothetical LOC642633 (LOC642633), miscellaneous RNA

gi|341914354|ref|XM\_003403740.1| PREDICTED: Homo sapiens hypothetical protein LOC100653202 (LOC100653202), isoform 1

gi|341914358|ref|XM\_001718645.4| PREDICTED: Homo sapiens ubiquitin specific peptidase 41 (USP41), isoform 1

gi|341914360|ref|XR\_133281.1| PREDICTED: Homo sapiens hypothetical LOC100653309 (LOC100653309), isoform 1

gi|341914362|ref|XR\_133283.1| PREDICTED: Homo sapiens hypothetical LOC100653138 (LOC100653138), isoform 1

gi|341914364|ref|XR\_133285.1| PREDICTED: Homo sapiens 60S ribosomal protein L12-like (LOC648771), isoform 1

gi|341914367|ref|XR\_112255.2| PREDICTED: Homo sapiens preferentially expressed antigen in melanoma-like

gi|341914368|ref|XR\_133286.1| PREDICTED: Homo sapiens hypothetical LOC100653161 (LOC100653161), isoform 1

gi|341914370|ref|XR\_133288.1| PREDICTED: Homo sapiens hypothetical LOC100653171 (LOC100653171), isoform 1

gi|341914371|ref|XM\_003403742.1| PREDICTED: Homo sapiens hypothetical protein LOC100653180 (LOC100653180), isoform 1

gi|341914373|ref|XR\_133289.1| PREDICTED: Homo sapiens hypothetical LOC100653209 (LOC100653209), isoform 1

gi|341914374|ref|XR\_133290.1| PREDICTED: Homo sapiens hypothetical LOC100653215 (LOC100653215), isoform 1

gi|341914375|ref|XM\_003403743.1| PREDICTED: Homo sapiens hypothetical protein LOC100653219 (LOC100653219), isoform 1

gi|341914378|ref|XM\_003403744.1| PREDICTED: Homo sapiens hypothetical protein LOC100653226 (LOC100653226), isoform 1

gi|341914381|ref|XM\_003403745.1| PREDICTED: Homo sapiens tubulin tyrosine ligase-like family, member 1

gi|341914389|ref|XR\_133293.1| PREDICTED: Homo sapiens hypothetical LOC100653083 (LOC100653083), isoform 1

gi|341914390|ref|XR\_133294.1| PREDICTED: Homo sapiens hypothetical LOC100653265 (LOC100653265), isoform 1

gi|341914391|ref|XR\_133295.1| PREDICTED: Homo sapiens hypothetical LOC100506455 (LOC100506455), isoform 1

gi|341914393|ref|XM\_003403749.1| PREDICTED: Homo sapiens peptidyl-prolyl cis-trans isomerase A-like (LOC100506455), isoform 1

gi|341914395|ref|XR\_133297.1| PREDICTED: Homo sapiens hypothetical LOC100507630 (LOC100507630), isoform 1

gi|341914396|ref|XR\_133298.1| PREDICTED: Homo sapiens hCG2040054 (LOC644093), miscellaneous RNA; gi|341914397|ref|XM\_003403750.1| PREDICTED: Homo sapiens hypothetical protein LOC100653325 (LOC100653325), isoform 1

gi|341914399|ref|XR\_133299.1| PREDICTED: Homo sapiens hypothetical LOC100506338 (LOC100506338), isoform 1

gi|341914400|ref|XR\_133300.1| PREDICTED: Homo sapiens hypothetical LOC100507006 (LOC100507006), isoform 1

gi|341914402|ref|XR\_133302.1| PREDICTED: Homo sapiens hypothetical LOC100507133 (LOC100507133), isoform 1

gi|341914403|ref|XR\_133303.1| PREDICTED: Homo sapiens hypothetical LOC100653092 (LOC100653092), isoform 1

gi|341914404|ref|XM\_003403751.1| PREDICTED: Homo sapiens putative uncharacterized protein UNQ3025 (LOC100653092), isoform 1

gi|341914406|ref|XM\_003403752.1| PREDICTED: Homo sapiens hypothetical protein LOC100653123 (LOC100653123), isoform 1

gi|341914408|ref|XM\_003403753.1| PREDICTED: Homo sapiens Ig kappa chain V-III region VG-like (LOC100653123), isoform 1

gi|341914416|ref|XR\_133306.1| PREDICTED: Homo sapiens hypothetical LOC100506890 (LOC100506890), isoform 1

gi|341914421|ref|XR\_133307.1| PREDICTED: Homo sapiens hypothetical LOC100505634 (LOC100505634), i

gi|341914422|ref|XM\_001716359.3| PREDICTED: Homo sapiens 5'-nucleotidase domain containing 4 (NT5C

gi|341914424|ref|XM\_003403758.1| PREDICTED: Homo sapiens ig kappa chain V-I region Walker-like (LOC1

gi|341914426|ref|XR\_133308.1| PREDICTED: Homo sapiens hypothetical LOC100653334 (LOC100653334), i

gi|341914428|ref|XR\_133310.1| PREDICTED: Homo sapiens hypothetical LOC100653336, transcript variant

gi|341914431|ref|XR\_133313.1| PREDICTED: Homo sapiens rho-related GTP-binding protein RhoQ-like (LOC

gi|341914433|ref|XR\_133315.1| PREDICTED: Homo sapiens putative uncharacterized protein encoded by N

gi|341914435|ref|XM\_003403759.1| PREDICTED: Homo sapiens hypothetical protein LOC100653211 (LOC1

gi|341914437|ref|XR\_133317.1| PREDICTED: Homo sapiens hypothetical LOC100507474 (LOC100507474), i

gi|341914442|ref|XR\_133322.1| PREDICTED: Homo sapiens hematological and neurological expressed 1 pr

gi|341914443|ref|XR\_133323.1| PREDICTED: Homo sapiens hypothetical LOC100287375 (LOC100287375), i

gi|341914447|ref|XR\_112412.2| PREDICTED: Homo sapiens hypothetical LOC100506831 (LOC100506831), i

gi|341914449|ref|XR\_133326.1| PREDICTED: Homo sapiens hypothetical LOC100507039, transcript variant

gi|341914453|ref|XR\_133328.1| PREDICTED: Homo sapiens hypothetical LOC100507380 (LOC100507380), i

gi|341914454|ref|XR\_133329.1| PREDICTED: Homo sapiens histone demethylase UTY-like (DNAPTP3), misc

gi|341914457|ref|XR\_133330.1| PREDICTED: Homo sapiens AGAP1 intronic transcript 1 (non-protein coding

gi|341914458|ref|XR\_133331.1| PREDICTED: Homo sapiens hypothetical LOC100653252 (LOC100653252), i

gi|341914464|ref|XM\_003403762.1| PREDICTED: Homo sapiens rootletin-like (LOC728763), mRNA; gi|3101

gi|341914466|ref|XM\_003403763.1| PREDICTED: Homo sapiens putative uncharacterized protein FLJ46541

gi|341914469|ref|XR\_133336.1| PREDICTED: Homo sapiens hypothetical LOC100507660 (LOC100507660), i

gi|341914470|ref|XR\_133337.1| PREDICTED: Homo sapiens hypothetical LOC100653283 (LOC100653283), i

gi|341914471|ref|XM\_003403764.1| PREDICTED: Homo sapiens zinc finger protein 852 (ZNF852), mRNA; gi

gi|341914474|ref|XR\_133339.1| PREDICTED: Homo sapiens 60S ribosomal protein L36-like (LOC729032), m

gi|341914475|ref|XM\_003403765.1| PREDICTED: Homo sapiens cartilage-associated protein-like (LOC1006

gi|341914485|ref|XM\_003119889.2| PREDICTED: Homo sapiens protease, serine, 43 (PRSS43), mRNA; gi|34

gi|341914487|ref|XM\_003119897.2| PREDICTED: Homo sapiens hypothetical protein LOC100287063 (LOC1

gi|341914491|ref|XM\_003403768.1| PREDICTED: Homo sapiens putative uncharacterized protein C3orf53-l

gi|341914495|ref|XR\_133345.1| PREDICTED: Homo sapiens hypothetical LOC100507082, transcript variant

gi|341914497|ref|XR\_133347.1| PREDICTED: Homo sapiens hypothetical LOC100653177 (LOC100653177), i

gi|341914498|ref|XR\_133348.1| PREDICTED: Homo sapiens hypothetical LOC100506758 (LOC100506758), i

gi|341914499|ref|XR\_112505.2| PREDICTED: Homo sapiens hypothetical LOC100289130, transcript variant

gi|341914504|ref|XR\_133349.1| PREDICTED: Homo sapiens 60S ribosomal protein L23a-like (LOC10028719

gi|341914505|ref|XM\_003403771.1| PREDICTED: Homo sapiens FSHD region gene 2 family, member C-like

gi|341914509|ref|XR\_133351.1| PREDICTED: Homo sapiens hypothetical LOC100653340 (LOC100653340), i

gi|341914511|ref|XM\_003119906.2| PREDICTED: Homo sapiens protein FAM136A-like (LOC100287852), m

gi|341914514|ref|XM\_003403772.1| PREDICTED: Homo sapiens hypothetical protein LOC100132731 (LOC1

gi|341914517|ref|XR\_133353.1| PREDICTED: Homo sapiens hypothetical LOC100505920 (LOC100505920), i

gi|341914519|ref|XR\_133355.1| PREDICTED: Homo sapiens hypothetical LOC100653337 (LOC100653337), i

gi|341914524|ref|XR\_133360.1| PREDICTED: Homo sapiens hypothetical LOC100505508 (LOC100505508), i

gi|341914526|ref|XR\_133361.1| PREDICTED: Homo sapiens hypothetical LOC100507661 (LOC100507661), i

gi|341914527|ref|XR\_133362.1| PREDICTED: Homo sapiens hypothetical LOC100653107 (LOC100653107), i

gi|341914528|ref|XR\_133363.1| PREDICTED: Homo sapiens hypothetical LOC100507447 (LOC100507447), i

gi|341914529|ref|XM\_003403773.1| PREDICTED: Homo sapiens phospholipid scramblase-like (LOC440981)

gi|341914538|ref|XR\_112621.2| PREDICTED: Homo sapiens hypothetical LOC100505937 (LOC100505937), i

gi|341914541|ref|XR\_133365.1| PREDICTED: Homo sapiens uncharacterized protein C9orf78-like (LOC3916

gi|341914542|ref|XR\_133366.1| PREDICTED: Homo sapiens hypothetical LOC100506486 (LOC100506486), i

gi|341914544|ref|XR\_133368.1| PREDICTED: Homo sapiens hypothetical LOC100653316 (LOC100653316), i

gi|341914545|ref|XR\_133369.1| PREDICTED: Homo sapiens hypothetical LOC100507031 (LOC100507031), l  
gi|341914548|ref|XR\_133372.1| PREDICTED: Homo sapiens hypothetical LOC100505505 (LOC100505505), l  
gi|341914550|ref|XR\_133373.1| PREDICTED: Homo sapiens hypothetical LOC441035 (LOC441035), miscRNA  
gi|341914551|ref|XR\_133374.1| PREDICTED: Homo sapiens hypothetical LOC100653110 (LOC100653110), l  
gi|341914554|ref|XM\_003403777.1| PREDICTED: Homo sapiens glycosyltransferase 54 domain-containing p  
gi|341914556|ref|XR\_133377.1| PREDICTED: Homo sapiens hypothetical LOC100507639 (LOC100507639), l  
gi|341914557|ref|XR\_133378.1| PREDICTED: Homo sapiens hypothetical LOC100653308 (LOC100653308), l  
gi|341914561|ref|XR\_133380.1| PREDICTED: Homo sapiens hypothetical LOC100505525 (LOC100505525), l  
gi|341914562|ref|XR\_133381.1| PREDICTED: Homo sapiens hypothetical LOC100505596 (LOC100505596), l  
gi|341914563|ref|XM\_003403779.1| PREDICTED: Homo sapiens hypothetical LOC285423 (LOC285423), mR  
gi|341914566|ref|XR\_133383.1| PREDICTED: Homo sapiens axin interactor, dorsalization-associated protein  
gi|341914572|ref|XR\_133388.1| PREDICTED: Homo sapiens hypothetical LOC100506791, transcript variant  
gi|341914574|ref|XR\_133390.1| PREDICTED: Homo sapiens hypothetical LOC100506766 (LOC100506766), l  
gi|341914575|ref|XR\_133391.1| PREDICTED: Homo sapiens hypothetical LOC100508175 (LOC100508175), l  
gi|341914579|ref|XR\_133393.1| PREDICTED: Homo sapiens hypothetical LOC100288963, transcript variant  
gi|341914580|ref|XM\_003119944.2| PREDICTED: Homo sapiens hypothetical protein LOC100506187 (LOC1  
gi|341914584|ref|XM\_001713926.3| PREDICTED: Homo sapiens putative TAF11-like protein ENSP00000332  
gi|341914586|ref|XR\_133394.1| PREDICTED: Homo sapiens hypothetical LOC100653079 (LOC100653079), l  
gi|341914587|ref|XR\_133395.1| PREDICTED: Homo sapiens chromosome 5 open reading frame 17 (C5orf17  
gi|341914588|ref|XR\_133396.1| PREDICTED: Homo sapiens AKT-interacting protein-like (LOC100130746), n  
gi|341914590|ref|XR\_133397.1| PREDICTED: Homo sapiens hypothetical LOC100653156 (LOC100653156), l  
gi|341914592|ref|XM\_003403781.1| PREDICTED: Homo sapiens hypothetical protein LOC100653173 (LOC1  
gi|341914594|ref|XR\_133399.1| PREDICTED: Homo sapiens hypothetical LOC100506495 (LOC100506495), l  
gi|341914598|ref|XM\_001714483.4| PREDICTED: Homo sapiens ankyrin repeat and death domain containir  
gi|341914600|ref|XR\_133401.1| PREDICTED: Homo sapiens putative POM121-like protein 1-like (LOC72809  
gi|341914602|ref|XM\_003403783.1| PREDICTED: Homo sapiens hypothetical protein LOC100653120 (LOC1  
gi|341914605|ref|XR\_112768.2| PREDICTED: Homo sapiens hypothetical LOC100292082 (LOC100292082), l  
gi|341914606|ref|XR\_133404.1| PREDICTED: Homo sapiens hypothetical LOC100653132 (LOC100653132), l  
gi|341914607|ref|XM\_003403784.1| PREDICTED: Homo sapiens hypothetical protein LOC100653140 (LOC1  
gi|341914610|ref|XR\_133406.1| PREDICTED: Homo sapiens hypothetical LOC100506219 (LOC100506219), l  
gi|341914611|ref|XR\_133407.1| PREDICTED: Homo sapiens hypothetical LOC100653157 (LOC100653157), l  
gi|341914612|ref|XR\_133408.1| PREDICTED: Homo sapiens hypothetical LOC100653342 (LOC100653342), l  
gi|341914614|ref|XM\_003403785.1| PREDICTED: Homo sapiens hypothetical protein LOC100653075 (LOC1  
gi|341914620|ref|XM\_003403786.1| PREDICTED: Homo sapiens chromosome 5 open reading frame 50 (C5  
gi|341914622|ref|XR\_133414.1| PREDICTED: Homo sapiens hypothetical LOC100653276 (LOC100653276), l  
gi|341914623|ref|XR\_112794.2| PREDICTED: Homo sapiens hypothetical LOC100507267 (LOC100507267), l  
gi|341914627|ref|XR\_133416.1| PREDICTED: Homo sapiens hypothetical LOC100653222 (LOC100653222), l  
gi|341914628|ref|XR\_133417.1| PREDICTED: Homo sapiens hypothetical LOC100653228 (LOC100653228), l  
gi|341914630|ref|XM\_003403788.1| PREDICTED: Homo sapiens dual specificity protein phosphatase 22-like  
gi|341914632|ref|XR\_133418.1| PREDICTED: Homo sapiens hypothetical LOC100506647 (LOC100506647), l  
gi|341914634|ref|XR\_133419.1| PREDICTED: Homo sapiens hypothetical LOC100653086 (LOC100653086), l  
gi|341914635|ref|XR\_133420.1| PREDICTED: Homo sapiens putative POM121-like protein 1-like (LOC72940  
gi|341914637|ref|XR\_133422.1| PREDICTED: Homo sapiens hypothetical LOC100653072 (LOC100653072), l  
gi|341914638|ref|XR\_133423.1| PREDICTED: Homo sapiens hypothetical LOC100653081 (LOC100653081), l  
gi|341914640|ref|XR\_133425.1| PREDICTED: Homo sapiens BTBD9 antisense RNA 1 (non-protein coding) (B  
gi|341914643|ref|XM\_003403790.1| PREDICTED: Homo sapiens hypothetical protein LOC100653115 (LOC1  
gi|341914650|ref|XM\_003403793.1| PREDICTED: Homo sapiens dystonin-like (LOC100652766), mRNA; gi|3



gi|341914652|ref|XR\_133426.1| PREDICTED: Homo sapiens hypothetical LOC100505985 (LOC100505985), i  
gi|341914653|ref|XR\_112877.2| PREDICTED: Homo sapiens hypothetical LOC100505950 (LOC100505950), i  
gi|341914654|ref|XM\_003403794.1| PREDICTED: Homo sapiens hypothetical protein LOC100509542 (LOC1  
gi|341914659|ref|XR\_133430.1| PREDICTED: Homo sapiens hypothetical LOC100653236 (LOC100653236), i  
gi|341914661|ref|XM\_003403795.1| PREDICTED: Homo sapiens hypothetical protein FLJ37396 (FLJ37396),  
gi|341914666|ref|XR\_133433.1| PREDICTED: Homo sapiens hypothetical LOC100653155 (LOC100653155), i  
gi|341914667|ref|XM\_003403797.1| PREDICTED: Homo sapiens hypothetical protein LOC100653160 (LOC1  
gi|341914669|ref|XR\_133434.1| PREDICTED: Homo sapiens hypothetical LOC100653163 (LOC100653163), i  
gi|341914670|ref|XR\_112939.2| PREDICTED: Homo sapiens hypothetical LOC100507429 (LOC100507429), i  
gi|341914671|ref|XR\_133435.1| PREDICTED: Homo sapiens hypothetical LOC100506496 (LOC100506496), i  
gi|341914676|ref|XR\_133438.1| PREDICTED: Homo sapiens hypothetical LOC100506276 (LOC100506276), i  
gi|341914679|ref|XR\_133441.1| PREDICTED: Homo sapiens non-protein coding RNA 300 (NCRNA00300), m  
gi|341914680|ref|XR\_112950.2| PREDICTED: Homo sapiens hypothetical LOC729088 (LOC729088), miscRN  
gi|341914683|ref|XM\_003120023.2| PREDICTED: Homo sapiens hypothetical protein LOC100508969 (LOC1  
gi|341914692|ref|XR\_133448.1| PREDICTED: Homo sapiens putative uncharacterized protein FLJ44672-like  
gi|341914693|ref|XR\_133449.1| PREDICTED: Homo sapiens hypothetical LOC100653233 (LOC100653233), i  
gi|341914697|ref|XR\_133451.1| PREDICTED: Homo sapiens hypothetical LOC100653192 (LOC100653192), i  
gi|341914698|ref|XR\_133452.1| PREDICTED: Homo sapiens hypothetical LOC100507468 (LOC100507468), i  
gi|341914699|ref|XM\_003403799.1| PREDICTED: Homo sapiens protein deltex-2-like (LOC100653244), mR  
gi|341914701|ref|XR\_133453.1| PREDICTED: Homo sapiens hypothetical LOC100653082 (LOC100653082), i  
gi|341914704|ref|XR\_133456.1| PREDICTED: Homo sapiens hypothetical LOC100505913, transcript variant  
gi|341914707|ref|XR\_133459.1| PREDICTED: Homo sapiens hypothetical LOC100506507 (LOC100506507), i  
gi|341914710|ref|XR\_133460.1| PREDICTED: Homo sapiens hypothetical LOC100653261 (LOC100653261), i  
gi|341914715|ref|XR\_133463.1| PREDICTED: Homo sapiens hypothetical LOC100653298 (LOC100653298), i  
gi|341914717|ref|XR\_113072.2| PREDICTED: Homo sapiens hypothetical LOC100508939 (LOC100508939), i  
gi|341914723|ref|XR\_133468.1| PREDICTED: Homo sapiens IQ motif containing with AAA domain 1 pseudo  
gi|341914724|ref|XR\_133469.1| PREDICTED: Homo sapiens hypothetical LOC100506557 (LOC100506557), i  
gi|341914726|ref|XR\_133471.1| PREDICTED: Homo sapiens hypothetical LOC389607 (LOC389607), miscRN  
gi|341914727|ref|XR\_133472.1| PREDICTED: Homo sapiens hypothetical LOC100653183 (LOC100653183), i  
gi|341914731|ref|XR\_133476.1| PREDICTED: Homo sapiens hypothetical LOC100133995 (LOC100133995), i  
gi|341914732|ref|XR\_113113.2| PREDICTED: Homo sapiens hypothetical LOC100507088 (LOC100507088), i  
gi|341914733|ref|XR\_133477.1| PREDICTED: Homo sapiens hypothetical LOC100507139 (LOC100507139), i  
gi|341914735|ref|XR\_133479.1| PREDICTED: Homo sapiens hypothetical LOC100653214 (LOC100653214), i  
gi|341914736|ref|XR\_133480.1| PREDICTED: Homo sapiens hypothetical LOC100507403 (LOC100507403), i  
gi|341914738|ref|XR\_133482.1| PREDICTED: Homo sapiens hypothetical LOC100653229 (LOC100653229), i  
gi|341914741|ref|XR\_133485.1| PREDICTED: Homo sapiens hypothetical LOC100505775 (LOC100505775), i  
gi|341914758|ref|XM\_003403810.1| PREDICTED: Homo sapiens KIAA0146, transcript variant 9 (KIAA0146),  
gi|341914770|ref|XR\_133486.1| PREDICTED: Homo sapiens hypothetical LOC100653330 (LOC100653330), i  
gi|341914771|ref|XM\_003403816.1| PREDICTED: Homo sapiens hypothetical protein LOC100287313 (LOC1  
gi|341914776|ref|XR\_133489.1| PREDICTED: Homo sapiens hypothetical LOC100505739 (LOC100505739), i  
gi|341914777|ref|XR\_133490.1| PREDICTED: Homo sapiens hypothetical LOC100505760 (LOC100505760), i  
gi|341914778|ref|XR\_133491.1| PREDICTED: Homo sapiens syntenin-1-like (LOC100129960), miscRNA; gi|3  
gi|341914782|ref|XR\_133493.1| PREDICTED: Homo sapiens hypothetical LOC100288310 (LOC100288310), i  
gi|341914783|ref|XR\_113152.2| PREDICTED: Homo sapiens hypothetical LOC100506538 (LOC100506538), i  
gi|341914784|ref|XR\_133494.1| PREDICTED: Homo sapiens hypothetical LOC100506558 (LOC100506558), i  
gi|341914785|ref|XR\_133495.1| PREDICTED: Homo sapiens ubiquitin-fold modifier 1-like (LOC100506633),  
gi|341914786|ref|XR\_133496.1| PREDICTED: Homo sapiens hypothetical LOC100506689 (LOC100506689), i

gi|341914787|ref|XR\_133497.1| PREDICTED: Homo sapiens hypothetical LOC100653186 (LOC100653186), i  
gi|341914791|ref|XR\_133500.1| PREDICTED: Homo sapiens hypothetical LOC100507056 (LOC100507056), i  
gi|341914795|ref|XR\_113180.2| PREDICTED: Homo sapiens hypothetical LOC100129104 (LOC100129104), i  
gi|341914797|ref|XR\_133505.1| PREDICTED: Homo sapiens hypothetical LOC100507278 (LOC100507278), i  
gi|341914798|ref|XR\_133506.1| PREDICTED: Homo sapiens hypothetical LOC100653146 (LOC100653146), i  
gi|341914799|ref|XM\_003403818.1| PREDICTED: Homo sapiens nuclear receptor-binding protein 2-like (LO  
gi|341914802|ref|XR\_133508.1| PREDICTED: Homo sapiens hypothetical LOC100507316, transcript variant  
gi|341914808|ref|XR\_113195.2| PREDICTED: Homo sapiens hypothetical LOC730098 (LOC730098), miscRN  
gi|341914809|ref|XR\_133510.1| PREDICTED: Homo sapiens L antigen family member 3-like (LOC646808), n  
gi|341914810|ref|XM\_003403821.1| PREDICTED: Homo sapiens chromosome 9 open reading frame 133 (C  
gi|341914812|ref|XR\_133511.1| PREDICTED: Homo sapiens hypothetical LOC100653284 (LOC100653284), i  
gi|341914813|ref|XR\_133512.1| PREDICTED: Homo sapiens hypothetical LOC100653294 (LOC100653294), i  
gi|341914815|ref|XR\_133514.1| PREDICTED: Homo sapiens heterogeneous nuclear ribonucleoprotein G-lik  
gi|341914817|ref|XR\_133516.1| PREDICTED: Homo sapiens hypothetical LOC100289137 (LOC100289137), i  
gi|341914818|ref|XR\_133517.1| PREDICTED: Homo sapiens hypothetical locus MGC21881 (MGC21881), mi  
gi|341914819|ref|XM\_003403822.1| PREDICTED: Homo sapiens ankyrin repeat domain 20 family, member  
gi|341914821|ref|XR\_133518.1| PREDICTED: Homo sapiens hypothetical LOC100653237 (LOC100653237), i  
gi|341914822|ref|XR\_133519.1| PREDICTED: Homo sapiens hypothetical LOC100132249 (LOC100132249), i  
gi|341914824|ref|XR\_133521.1| PREDICTED: Homo sapiens hypothetical LOC100506414 (LOC100506414), i  
gi|341914825|ref|XR\_113229.2| PREDICTED: Homo sapiens family with sequence similarity 75, member B (C  
gi|341914827|ref|XR\_133523.1| PREDICTED: Homo sapiens hypothetical LOC100506897 (LOC100506897), i  
gi|341914828|ref|XR\_133524.1| PREDICTED: Homo sapiens hypothetical LOC100653206 (LOC100653206), i  
gi|341914829|ref|XR\_113233.2| PREDICTED: Homo sapiens hypothetical LOC100507009 (LOC100507009), i  
gi|341914834|ref|XR\_133529.1| PREDICTED: Homo sapiens mitochondrial intermembrane space import an  
gi|341914839|ref|XR\_133532.1| PREDICTED: Homo sapiens chromosome 9 open reading frame 147 (C9orf1  
gi|341914840|ref|XR\_133533.1| PREDICTED: Homo sapiens hypothetical LOC100506065 (LOC100506065), i  
gi|341914842|ref|XM\_003403824.1| PREDICTED: Homo sapiens hemicentin-2-like (LOC100289200), mRNA  
gi|341914851|ref|XM\_003403828.1| PREDICTED: Homo sapiens hypothetical protein LOC100653232 (LOC1  
gi|341914853|ref|XR\_133536.1| PREDICTED: Homo sapiens hypothetical LOC100505993, transcript variant  
gi|341914858|ref|XR\_133539.1| PREDICTED: Homo sapiens ig heavy chain V-I region V35-like (LOC1001338  
gi|341914859|ref|XM\_003403830.1| PREDICTED: Homo sapiens ig heavy chain V-I region V35-like (LOC100  
gi|341914861|ref|XM\_003120119.2| PREDICTED: Homo sapiens hypothetical protein LOC100291917 (LOC1  
gi|341914864|ref|XM\_003403831.1| PREDICTED: Homo sapiens ig heavy chain V-III region VH26-like (LOC1  
gi|341914866|ref|XM\_001720798.3| PREDICTED: Homo sapiens double homeobox protein 4-like protein 4-  
gi|341914868|ref|XR\_133541.1| PREDICTED: Homo sapiens double homeobox protein 4-like protein 4-like (C  
gi|341914872|ref|XM\_003403833.1| PREDICTED: Homo sapiens maFF-interacting protein-like (LOC1006531  
gi|341914874|ref|XM\_003120213.2| PREDICTED: Homo sapiens tektin-4 like protein LOC389833-like (LOC1  
gi|341914876|ref|XM\_001719621.3| PREDICTED: Homo sapiens immunoglobulin omega chain-like (LOC651  
gi|341914880|ref|XM\_003403835.1| PREDICTED: Homo sapiens ovostatin homolog 2-like (LOC100653225),  
gi|341914882|ref|XR\_133543.1| PREDICTED: Homo sapiens uncharacterized protein C2orf27-like (LOC1001  
gi|341914883|ref|XM\_003403836.1| PREDICTED: Homo sapiens hypothetical protein LOC100653241 (LOC1  
gi|341914885|ref|XM\_003403837.1| PREDICTED: Homo sapiens ankyrin repeat domain-containing protein  
gi|341914889|ref|XR\_133544.1| PREDICTED: Homo sapiens hypothetical LOC100508803 (LOC100508803), i  
gi|341914902|ref|XM\_003403845.1| PREDICTED: Homo sapiens protein FRG1-like (LOC100289097), mRNA  
gi|341914906|ref|XR\_133545.1| PREDICTED: Homo sapiens hypothetical LOC100653164 (LOC100653164), i  
gi|341914907|ref|XR\_133546.1| PREDICTED: Homo sapiens hypothetical LOC100288392 (LOC100288392), i  
gi|341914911|ref|XM\_003403848.1| PREDICTED: Homo sapiens leukocyte immunoglobulin-like receptor su

gi|341914917|ref|XM\_003403851.1| PREDICTED: Homo sapiens HLA class II histocompatibility antigen, DRE  
gi|341914922|ref|XR\_133549.1| PREDICTED: Homo sapiens FSHD region gene 2 family, member C pseudoge  
gi|341914923|ref|XM\_003403853.1| PREDICTED: Homo sapiens ig heavy chain V-III region VH26-like (LOC1  
gi|341914925|ref|XM\_003403854.1| PREDICTED: Homo sapiens ig heavy chain V-III region VH26-like (LOC1  
gi|341914927|ref|XR\_133550.1| PREDICTED: Homo sapiens hypothetical LOC388436 (LOC388436), miscRN  
gi|341914932|ref|XR\_113292.2| PREDICTED: Homo sapiens hypothetical LOC100509256 (LOC100509256), i  
gi|341914933|ref|XR\_133553.1| PREDICTED: Homo sapiens prothymosin, alpha pseudogene (LOC441454),  
gi|341914935|ref|XM\_003403856.1| PREDICTED: Homo sapiens aldo-keto reductase family 1 member C2-li  
gi|341914937|ref|XM\_003403857.1| PREDICTED: Homo sapiens putative HERC2-like protein 3-like (LOC100  
gi|341914942|ref|XR\_133555.1| PREDICTED: Homo sapiens hypothetical LOC100653166 (LOC100653166), i  
gi|341914945|ref|XR\_133556.1| PREDICTED: Homo sapiens GTP-binding protein Rheb-like (LOC100653311)  
gi|341914946|ref|XR\_133557.1| PREDICTED: Homo sapiens hypothetical LOC643395 (LOC643395), partial r  
gi|341914947|ref|XM\_003403859.1| PREDICTED: Homo sapiens hypothetical protein LOC100653323 (LOC1  
gi|341914949|ref|XM\_003403860.1| PREDICTED: Homo sapiens anaphase-promoting complex subunit 1-lik  
gi|341914955|ref|XR\_133558.1| PREDICTED: Homo sapiens uncharacterized protein CXorf49-like (LOC1001  
gi|341914957|ref|XM\_003120308.2| PREDICTED: Homo sapiens protein shisa-5-like (LOC100506745), mRN  
gi|341914959|ref|XR\_133560.1| PREDICTED: Homo sapiens hypothetical LOC100653302 (LOC100653302), i  
gi|341914960|ref|XM\_003403861.1| PREDICTED: Homo sapiens FERM and PDZ domain containing 3 (FRMP  
gi|341914962|ref|XR\_113314.2| PREDICTED: Homo sapiens hypothetical LOC100506955 (LOC100506955), i  
gi|341914963|ref|XR\_133561.1| PREDICTED: Homo sapiens hypothetical LOC100653212 (LOC100653212), i  
gi|341914965|ref|XR\_133563.1| PREDICTED: Homo sapiens hypothetical LOC100506790, transcript variant  
gi|341914967|ref|XM\_003403862.1| PREDICTED: Homo sapiens cancer/testis antigen family 45, member A  
gi|341914969|ref|XR\_113320.2| PREDICTED: Homo sapiens hypothetical LOC645188 (LOC645188), miscRN  
gi|341915000|ref|XM\_003403877.1| PREDICTED: Homo sapiens hypothetical protein LOC100509091 (LOC1  
gi|341915003|ref|XR\_133568.1| PREDICTED: Homo sapiens family with sequence similarity 201, member B  
gi|341915004|ref|XM\_003403878.1| PREDICTED: Homo sapiens ig kappa chain V-I region Walker-like (LOC1  
gi|341915006|ref|XM\_003403548.1| PREDICTED: Homo sapiens putative protein FAM157B-like (LOC10013:  
gi|341915008|ref|XM\_003403549.1| PREDICTED: Homo sapiens hypothetical protein LOC100653346 (LOC1  
gi|341915010|ref|XR\_132826.1| PREDICTED: Homo sapiens hypothetical LOC100134822 (LOC100134822), i  
gi|341915011|ref|XR\_132827.1| PREDICTED: Homo sapiens hypothetical LOC100653347 (LOC100653347), i  
gi|341915012|ref|XR\_132828.1| PREDICTED: Homo sapiens hypothetical LOC100653348 (LOC100653348), i  
gi|341915015|ref|XR\_132830.1| PREDICTED: Homo sapiens hypothetical LOC100505829 (LOC100505829), i  
gi|341915016|ref|XR\_132831.1| PREDICTED: Homo sapiens hypothetical LOC100653349 (LOC100653349), i  
gi|341915017|ref|XR\_132832.1| PREDICTED: Homo sapiens hypothetical LOC100653350 (LOC100653350), i  
gi|341915019|ref|XR\_132833.1| PREDICTED: Homo sapiens hypothetical LOC100505938 (LOC100505938), i  
gi|341915020|ref|XR\_132834.1| PREDICTED: Homo sapiens hypothetical LOC100506289 (LOC100506289), i  
gi|341915024|ref|XM\_003403550.1| PREDICTED: Homo sapiens putative uncharacterized protein C20orf69  
gi|341915026|ref|XR\_132837.1| PREDICTED: Homo sapiens hypothetical LOC100288712 (LOC100288712), i  
gi|341915028|ref|XR\_132839.1| PREDICTED: Homo sapiens hypothetical LOC100288268 (LOC100288268), i  
gi|341915029|ref|XR\_132840.1| PREDICTED: Homo sapiens hypothetical LOC100653357 (LOC100653357), i  
gi|341915030|ref|XR\_110690.2| PREDICTED: Homo sapiens hypothetical LOC644794 (LOC644794), miscRN  
gi|341915033|ref|XR\_132843.1| PREDICTED: Homo sapiens hypothetical LOC100510011, transcript variant  
gi|341915039|ref|XR\_132845.1| PREDICTED: Homo sapiens hypothetical LOC100287894 (LOC100287894), i  
gi|341915044|ref|XM\_003403552.1| PREDICTED: Homo sapiens mucin 3A, cell surface associated (MUC3A)  
gi|341915046|ref|XR\_132848.1| PREDICTED: Homo sapiens hypothetical LOC100505688 (LOC100505688), i  
gi|341915049|ref|XR\_132849.1| PREDICTED: Homo sapiens hypothetical LOC100653359 (LOC100653359), i  
gi|341915051|ref|XR\_132851.1| PREDICTED: Homo sapiens hypothetical LOC100506027, transcript variant

gi|341915054|ref|XR\_132854.1| PREDICTED: Homo sapiens hypothetical LOC100507673 (LOC100507673), i  
gi|341915055|ref|XR\_132855.1| PREDICTED: Homo sapiens putative uncharacterized protein LOC65996-like  
gi|341915056|ref|XR\_132856.1| PREDICTED: Homo sapiens hypothetical LOC100506534 (LOC100506534), i  
gi|341915058|ref|XM\_003403554.1| PREDICTED: Homo sapiens mucin 3B, cell surface associated (MUC3B)  
gi|341915060|ref|XR\_132858.1| PREDICTED: Homo sapiens hypothetical LOC100653351 (LOC100653351), i  
gi|341915061|ref|XR\_132859.1| PREDICTED: Homo sapiens hypothetical LOC100652903 (LOC100652903), i  
gi|341915063|ref|XR\_110729.2| PREDICTED: Homo sapiens hypothetical LOC100506312 (LOC100506312), i  
gi|341915069|ref|XR\_132864.1| PREDICTED: Homo sapiens hypothetical LOC100653354 (LOC100653354), i  
gi|341915072|ref|XR\_132867.1| PREDICTED: Homo sapiens hypothetical LOC100653361 (LOC100653361), i  
gi|341915073|ref|XR\_132868.1| PREDICTED: Homo sapiens hypothetical LOC100507507 (LOC100507507), i  
gi|341915076|ref|XR\_132470.1| PREDICTED: Homo sapiens hypothetical LOC100506376 (LOC100506376), i  
gi|341915077|ref|XM\_003403417.1| PREDICTED: Homo sapiens chromosome 1 open reading frame 222 (C  
gi|341915079|ref|XR\_132471.1| PREDICTED: Homo sapiens NADH-ubiquinone oxidoreductase chain 2-like (C  
gi|341915080|ref|XR\_132697.1| PREDICTED: Homo sapiens hypothetical LOC100129476 (LOC100129476), i  
gi|341915081|ref|XR\_132698.1| PREDICTED: Homo sapiens hypothetical LOC100652764 (LOC100652764), i  
gi|341915082|ref|XR\_132699.1| PREDICTED: Homo sapiens uncharacterized protein C1orf167-like (LOC100  
gi|341915083|ref|XR\_108378.2| PREDICTED: Homo sapiens putative PRAME family member 24 (PRAMEF24  
gi|341915084|ref|XR\_132481.1| PREDICTED: Homo sapiens hypothetical LOC100652915 (LOC100652915), i  
gi|341915086|ref|XR\_132483.1| PREDICTED: Homo sapiens hypothetical LOC100652932 (LOC100652932), i  
gi|341915087|ref|XR\_132484.1| PREDICTED: Homo sapiens hypothetical LOC100509213 (LOC100509213), i  
gi|341915088|ref|XR\_132485.1| PREDICTED: Homo sapiens hypothetical LOC100652941 (LOC100652941), i  
gi|341915089|ref|XR\_132793.1| PREDICTED: Homo sapiens 6.8 kDa mitochondrial proteolipid-like (LOC100  
gi|341915090|ref|XR\_132794.1| PREDICTED: Homo sapiens hypothetical LOC100652978 (LOC100652978), i  
gi|341915091|ref|XR\_132795.1| PREDICTED: Homo sapiens hypothetical LOC100652980 (LOC100652980), i  
gi|341915092|ref|XR\_132796.1| PREDICTED: Homo sapiens hypothetical LOC100652983 (LOC100652983), i  
gi|341915095|ref|XR\_132799.1| PREDICTED: Homo sapiens hypothetical LOC100653014 (LOC100653014), i  
gi|341915097|ref|XR\_110483.2| PREDICTED: Homo sapiens hypothetical LOC400768 (LOC400768), miscRN  
gi|341915098|ref|XR\_132801.1| PREDICTED: Homo sapiens hypothetical LOC100506257 (LOC100506257), i  
gi|341915099|ref|XM\_002342102.3| PREDICTED: Homo sapiens forkhead box O6 (FOXO6), mRNA;  
gi|341915103|ref|XR\_132802.1| PREDICTED: Homo sapiens hypothetical LOC100652828 (LOC100652828), i  
gi|341915104|ref|XR\_132803.1| PREDICTED: Homo sapiens hypothetical LOC100652837, transcript variant  
gi|341915107|ref|XR\_132870.1| PREDICTED: Homo sapiens hypothetical LOC100652887, transcript variant  
gi|341915108|ref|XR\_132820.1| PREDICTED: Homo sapiens hypothetical LOC730257 (LOC730257), miscRN  
gi|341915109|ref|XR\_110830.2| PREDICTED: Homo sapiens hypothetical LOC100132057 (LOC100132057), i  
gi|341915110|ref|XR\_132878.1| PREDICTED: Homo sapiens hypothetical LOC100652757 (LOC100652757), i  
gi|341915116|ref|XR\_132473.1| PREDICTED: Homo sapiens hypothetical LOC100509205 (LOC100509205), i  
gi|341915117|ref|XR\_132474.1| PREDICTED: Homo sapiens hypothetical LOC100652834 (LOC100652834), i  
gi|341915119|ref|XR\_132475.1| PREDICTED: Homo sapiens hypothetical LOC100652867 (LOC100652867), i  
gi|341915120|ref|XR\_132476.1| PREDICTED: Homo sapiens immunoglobulin superfamily DCC subclass men  
gi|341915122|ref|XR\_132478.1| PREDICTED: Homo sapiens hypothetical LOC100652924 (LOC100652924), i  
gi|341915123|ref|XM\_930678.6| PREDICTED: Homo sapiens hypothetical protein LOC642441 (LOC642441),  
gi|341915124|ref|XR\_132479.1| PREDICTED: Homo sapiens hypothetical LOC100652944 (LOC100652944), i  
gi|341915125|ref|XM\_003403419.1| PREDICTED: Homo sapiens phosphodiesterase 4D interacting protein-l  
gi|341915132|ref|XR\_132480.1| PREDICTED: Homo sapiens hypothetical LOC100652965 (LOC100652965), i  
gi|341915134|ref|XR\_132879.1| PREDICTED: Homo sapiens hypothetical LOC100652793 (LOC100652793), i  
gi|341915135|ref|XR\_132880.1| PREDICTED: Homo sapiens hypothetical LOC100652798 (LOC100652798), i  
gi|341915136|ref|XR\_132881.1| PREDICTED: Homo sapiens putative uncharacterized protein FLJ44672-like

gi|341915137|ref|XM\_001717074.4| PREDICTED: Homo sapiens kinesin-like protein family member 6-like (LOC100131679), isoform 1

gi|341915140|ref|XM\_003119159.2| PREDICTED: Homo sapiens putative uncharacterized protein FLJ44672 (LOC100131680), isoform 1

gi|341915141|ref|XR\_132882.1| PREDICTED: Homo sapiens hypothetical LOC100287497 (LOC100287497), isoform 1

gi|341915142|ref|XR\_132883.1| PREDICTED: Homo sapiens hypothetical LOC100506479 (LOC100506479), isoform 1

gi|341915143|ref|XR\_132884.1| PREDICTED: Homo sapiens hypothetical LOC100652872 (LOC100652872), isoform 1

gi|341915144|ref|XR\_132885.1| PREDICTED: Homo sapiens hypothetical LOC100506642, transcript variant 1

gi|341915145|ref|XR\_132487.1| PREDICTED: Homo sapiens hypothetical LOC100652785 (LOC100652785), isoform 1

gi|341915146|ref|XR\_132488.1| PREDICTED: Homo sapiens hypothetical LOC100652811 (LOC100652811), isoform 1

gi|341915147|ref|XR\_132704.1| PREDICTED: Homo sapiens hypothetical LOC100652991 (LOC100652991), isoform 1

gi|341915149|ref|XR\_109956.2| PREDICTED: Homo sapiens hypothetical LOC100294406, transcript variant 1

gi|341915151|ref|XR\_109959.2| PREDICTED: Homo sapiens hypothetical LOC100507562 (LOC100507562), isoform 1

gi|341915155|ref|XM\_003403505.1| PREDICTED: Homo sapiens ig kappa chain V-III region VH-like (LOC100131681), isoform 1

gi|341915157|ref|XM\_003403506.1| PREDICTED: Homo sapiens putative uncharacterized protein UNQ3025 (LOC100131682), isoform 1

gi|341915159|ref|XM\_003403507.1| PREDICTED: Homo sapiens hypothetical protein LOC100652775 (LOC100652775), isoform 1

gi|341915161|ref|XR\_132707.1| PREDICTED: Homo sapiens hypothetical LOC100652809 (LOC100652809), isoform 1

gi|341915162|ref|XM\_003403508.1| PREDICTED: Homo sapiens hypothetical protein LOC100652825 (LOC100652825), isoform 1

gi|341915166|ref|XR\_132709.1| PREDICTED: Homo sapiens UDP-GalNAc:beta-1,3-N-acetylgalactosaminyltransferase 1 (LOC100131683), isoform 1

gi|341915167|ref|XM\_003403530.1| PREDICTED: Homo sapiens ig kappa chain V-I region Walker-like (LOC100131684), isoform 1

gi|341915169|ref|XM\_003403531.1| PREDICTED: Homo sapiens ig kappa chain V-III region VH-like (LOC100131685), isoform 1

gi|341915172|ref|XR\_109918.2| PREDICTED: Homo sapiens hypothetical LOC100506076, transcript variant 1

gi|341915176|ref|XM\_003403501.1| PREDICTED: Homo sapiens hypothetical protein LOC100652919 (LOC100652919), isoform 1

gi|341915179|ref|XR\_132701.1| PREDICTED: Homo sapiens putative fatty acyl-CoA reductase 2-like protein (LOC100131686), isoform 1

gi|341915180|ref|XM\_003403502.1| PREDICTED: Homo sapiens hypothetical protein LOC100652961 (LOC100652961), isoform 1

gi|341915188|ref|XM\_003403420.1| PREDICTED: Homo sapiens hypothetical protein LOC100652824 (LOC100652824), isoform 1

gi|341915192|ref|XR\_108418.2| PREDICTED: Homo sapiens hypothetical protein FLJ39061 (FLJ39061), miscRNA

gi|341915193|ref|XR\_108421.2| PREDICTED: Homo sapiens hypothetical LOC100507265 (LOC100507265), isoform 1

gi|341915195|ref|XM\_291007.10| PREDICTED: Homo sapiens HEAT repeat containing 7B1 (HEATR7B1), miscRNA

gi|341915197|ref|XR\_132486.1| PREDICTED: Homo sapiens hypothetical LOC100652884 (LOC100652884), isoform 1

gi|341915203|ref|XR\_132712.1| PREDICTED: Homo sapiens HHSL751 (LOC100508226), miscRNA; gi|341915204|ref|XR\_132713.1| PREDICTED: Homo sapiens hypothetical LOC100508227 (LOC100508227), isoform 1

gi|341915205|ref|XM\_003403509.1| PREDICTED: Homo sapiens hypothetical protein LOC100652784 (LOC100652784), isoform 1

gi|341915207|ref|XM\_003403510.1| PREDICTED: Homo sapiens putative uncharacterized protein C3orf53-like (LOC100131687), isoform 1

gi|341915209|ref|XM\_001717149.4| PREDICTED: Homo sapiens hypothetical protein LOC100130503 (LOC100130503), isoform 1

gi|341915214|ref|XR\_110042.2| PREDICTED: Homo sapiens hypothetical LOC100505801 (LOC100505801), isoform 1

gi|341915216|ref|XR\_132716.1| PREDICTED: Homo sapiens hypothetical LOC100652916 (LOC100652916), isoform 1

gi|341915219|ref|XR\_132717.1| PREDICTED: Homo sapiens hypothetical LOC100288831 (LOC100288831), isoform 1

gi|341915221|ref|XR\_132718.1| PREDICTED: Homo sapiens hypothetical LOC100506802, transcript variant 1

gi|341915224|ref|XR\_108459.2| PREDICTED: Homo sapiens hypothetical LOC100506487 (LOC100506487), isoform 1

gi|341915225|ref|XR\_132494.1| PREDICTED: Homo sapiens hypothetical LOC100652862 (LOC100652862), isoform 1

gi|341915226|ref|XR\_108477.2| PREDICTED: Homo sapiens hypothetical LOC100131679 (LOC100131679), isoform 1

gi|341915229|ref|XR\_108488.2| PREDICTED: Homo sapiens hypothetical LOC100507134 (LOC100507134), isoform 1

gi|341915232|ref|XR\_132496.1| PREDICTED: Homo sapiens hypothetical LOC100652937 (LOC100652937), isoform 1

gi|341915233|ref|XR\_108511.2| PREDICTED: Homo sapiens hypothetical LOC100505492 (LOC100505492), isoform 1

gi|341915234|ref|XR\_132497.1| PREDICTED: Homo sapiens hypothetical LOC100652966 (LOC100652966), isoform 1

gi|341915235|ref|XR\_132498.1| PREDICTED: Homo sapiens hypothetical LOC100508227 (LOC100508227), isoform 1

gi|341915236|ref|XM\_003118522.2| PREDICTED: Homo sapiens beta-gamma crystallin domain containing 3 (LOC100131688), isoform 1

gi|341915237|ref|XM\_933859.6| PREDICTED: Homo sapiens hypothetical protein LOC646730 (LOC646730), isoform 1

gi|341915239|ref|XR\_110396.2| PREDICTED: Homo sapiens hypothetical LOC100128262 (LOC100128262), isoform 1

gi|341915244|ref|XR\_132719.1| PREDICTED: Homo sapiens hypothetical LOC100652734 (LOC100652734), i  
gi|341915245|ref|XR\_132691.1| PREDICTED: Homo sapiens hypothetical LOC100507209 (LOC100507209), i  
gi|341915246|ref|XR\_132692.1| PREDICTED: Homo sapiens hypothetical LOC100652849 (LOC100652849), i  
gi|341915249|ref|XR\_132693.1| PREDICTED: Homo sapiens hypothetical LOC100652877 (LOC100652877), i  
gi|341915253|ref|XR\_109807.2| PREDICTED: Homo sapiens hypothetical LOC100506176 (LOC100506176), i  
gi|341915255|ref|XM\_003403499.1| PREDICTED: Homo sapiens hypothetical protein LOC100652945 (LOC1  
gi|341915257|ref|XR\_109844.2| PREDICTED: Homo sapiens hCG38984 (LOC345051), miscRNA; gi|3419145  
gi|341915259|ref|XR\_132696.1| PREDICTED: Homo sapiens hypothetical LOC100507388 (LOC100507388), i  
gi|341915261|ref|XR\_109833.2| PREDICTED: Homo sapiens hypothetical LOC100507473 (LOC100507473), i  
gi|341915262|ref|XR\_132501.1| PREDICTED: Homo sapiens putative POM121-like protein 1-like (LOC10050  
gi|341915265|ref|XR\_132504.1| PREDICTED: Homo sapiens putative POM121-like protein 1 (LOC729915), r  
gi|341915266|ref|XR\_108575.2| PREDICTED: Homo sapiens hypothetical LOC643977 (FLJ32255), miscRNA;  
gi|341915267|ref|XR\_132505.1| PREDICTED: Homo sapiens hypothetical LOC100653004 (LOC100653004), i  
gi|341915268|ref|XM\_003118532.2| PREDICTED: Homo sapiens zinc finger, DHHC-type containing 11B (ZDF  
gi|341915272|ref|XM\_002342495.2| PREDICTED: Homo sapiens putative TAF11-like protein ENSP00000332  
gi|341915276|ref|XR\_132506.1| PREDICTED: Homo sapiens hypothetical LOC730974 (LOC730974), miscRN  
gi|341915277|ref|XM\_003403422.1| PREDICTED: Homo sapiens hypothetical protein LOC100652772 (LOC1  
gi|341915281|ref|XR\_132508.1| PREDICTED: Homo sapiens PP12100 (LOC100128508), miscRNA;  
gi|341915282|ref|XR\_108596.2| PREDICTED: Homo sapiens hypothetical LOC100505994 (LOC100505994), i  
gi|341915283|ref|XM\_003403423.1| PREDICTED: Homo sapiens hypothetical protein LOC100509780 (LOC1  
gi|341915285|ref|XR\_132509.1| PREDICTED: Homo sapiens putative POM121-like protein 1-like (LOC10065  
gi|341915287|ref|XR\_132511.1| PREDICTED: Homo sapiens putative POM121-like protein 1-like (LOC10050  
gi|341915288|ref|XR\_132512.1| PREDICTED: Homo sapiens putative POM121-like protein 1-like (LOC10065  
gi|341915289|ref|XR\_132513.1| PREDICTED: Homo sapiens putative POM121-like protein 1-like (LOC10065  
gi|341915290|ref|XM\_003403424.1| PREDICTED: Homo sapiens beta-glucuronidase-like protein SMA5-like  
gi|341915292|ref|XM\_003403425.1| PREDICTED: Homo sapiens hypothetical protein LOC100652814 (LOC1  
gi|341915294|ref|XM\_003403426.1| PREDICTED: Homo sapiens hypothetical protein LOC100652819 (LOC1  
gi|341915296|ref|XM\_003403427.1| PREDICTED: Homo sapiens hypothetical protein LOC100652826 (LOC1  
gi|341915298|ref|XM\_003403428.1| PREDICTED: Homo sapiens hypothetical protein LOC100652842 (LOC1  
gi|341915300|ref|XM\_003403429.1| PREDICTED: Homo sapiens hypothetical protein LOC100652848 (LOC1  
gi|341915302|ref|XM\_003403430.1| PREDICTED: Homo sapiens hypothetical protein LOC100652852 (LOC1  
gi|341915304|ref|XM\_003403431.1| PREDICTED: Homo sapiens hypothetical protein LOC100652859 (LOC1  
gi|341915306|ref|XM\_003403432.1| PREDICTED: Homo sapiens hypothetical protein LOC100652864 (LOC1  
gi|341915308|ref|XM\_003403433.1| PREDICTED: Homo sapiens hypothetical protein LOC100652868 (LOC1  
gi|341915310|ref|XM\_003403434.1| PREDICTED: Homo sapiens hypothetical protein LOC100652870 (LOC1  
gi|341915312|ref|XM\_003403435.1| PREDICTED: Homo sapiens hypothetical protein LOC100652875 (LOC1  
gi|341915314|ref|XM\_003403436.1| PREDICTED: Homo sapiens hypothetical protein LOC100652880 (LOC1  
gi|341915316|ref|XM\_003403437.1| PREDICTED: Homo sapiens hypothetical protein LOC100652882 (LOC1  
gi|341915322|ref|XR\_132813.1| PREDICTED: Homo sapiens hypothetical LOC100652886 (LOC100652886), i  
gi|341915323|ref|XR\_132814.1| PREDICTED: Homo sapiens hypothetical LOC100652898 (LOC100652898), i  
gi|341915324|ref|XR\_110312.2| PREDICTED: Homo sapiens hypothetical LOC100505675 (LOC100505675), i  
gi|341915325|ref|XR\_132763.1| PREDICTED: Homo sapiens hypothetical LOC100652742 (LOC100652742), i  
gi|341915327|ref|XM\_003403522.1| PREDICTED: Homo sapiens hypothetical protein LOC100652758 (LOC1  
gi|341915329|ref|XR\_132721.1| PREDICTED: Homo sapiens hypothetical LOC100652765 (LOC100652765), i  
gi|341915331|ref|XR\_132722.1| PREDICTED: Homo sapiens hypothetical LOC100507427 (LOC100507427), i  
gi|341915332|ref|XR\_132723.1| PREDICTED: Homo sapiens hypothetical LOC100652779 (LOC100652779), i  
gi|341915333|ref|XR\_132724.1| PREDICTED: Homo sapiens hypothetical LOC100652782 (LOC100652782), i

gi|341915334|ref|XR\_110080.2| PREDICTED: Homo sapiens hypothetical LOC100289627 (LOC100289627), i  
gi|341915339|ref|XR\_108695.2| PREDICTED: Homo sapiens hypothetical LOC100507241 (LOC100507241), i  
gi|341915341|ref|XR\_132517.1| PREDICTED: Homo sapiens hypothetical LOC100287329 (LOC100287329), i  
gi|341915342|ref|XR\_132518.1| PREDICTED: Homo sapiens hypothetical LOC100653005 (LOC100653005), i  
gi|341915343|ref|XR\_108638.2| PREDICTED: Homo sapiens hypothetical LOC100507672 (LOC100507672), i  
gi|341915347|ref|XM\_003403439.1| PREDICTED: Homo sapiens primase, DNA, polypeptide 2 (58kDa) (PRIM  
gi|341915351|ref|XM\_003403441.1| PREDICTED: Homo sapiens RAB44, member RAS oncogene family (RAE  
gi|341915353|ref|XR\_132519.1| PREDICTED: Homo sapiens hypothetical LOC100652827 (LOC100652827), i  
gi|341915354|ref|XR\_132520.1| PREDICTED: Homo sapiens putative POM121-like protein 1-like (LOC72780  
gi|341915358|ref|XR\_132514.1| PREDICTED: Homo sapiens hypothetical LOC100652921 (LOC100652921), i  
gi|341915359|ref|XR\_132742.1| PREDICTED: Homo sapiens stress responsive DNAJB4 interacting membran  
gi|341915365|ref|XM\_003403517.1| PREDICTED: Homo sapiens 60S ribosomal protein L30-like (LOC100652  
gi|341915372|ref|XR\_132746.1| PREDICTED: Homo sapiens hypothetical LOC100652728 (LOC100652728), i  
gi|341915373|ref|XM\_003403518.1| PREDICTED: Homo sapiens hypothetical protein LOC100652731 (LOC1  
gi|341915377|ref|XR\_108720.2| PREDICTED: Homo sapiens hypothetical LOC100507642 (LOC100507642), i  
gi|341915383|ref|XR\_108738.2| PREDICTED: Homo sapiens hypothetical LOC100505904 (LOC100505904), i  
gi|341915384|ref|XR\_108761.2| PREDICTED: Homo sapiens hypothetical LOC401317 (LOC401317), miscRN  
gi|341915385|ref|XR\_132811.1| PREDICTED: Homo sapiens hypothetical LOC401357 (LOC401357), miscRN  
gi|341915386|ref|XR\_132812.1| PREDICTED: Homo sapiens hypothetical LOC100289306 (LOC100289306), i  
gi|341915387|ref|XR\_132531.1| PREDICTED: Homo sapiens zinc finger domain-related protein TSRM (TSRM  
gi|341915389|ref|XR\_132533.1| PREDICTED: Homo sapiens hypothetical LOC100652957 (LOC100652957), i  
gi|341915391|ref|XR\_132535.1| PREDICTED: Homo sapiens hypothetical LOC100652998 (LOC100652998), i  
gi|341915392|ref|XM\_377941.7| PREDICTED: Homo sapiens hypothetical protein LOC402269 (LOC402269), i  
gi|341915394|ref|XR\_132536.1| PREDICTED: Homo sapiens hypothetical LOC100653016 (LOC100653016), i  
gi|341915396|ref|XM\_001722903.4| PREDICTED: Homo sapiens putative speedy protein E8-like (LOC10013  
gi|341915400|ref|XR\_132538.1| PREDICTED: Homo sapiens putative uncharacterized protein FLJ44672-like  
gi|341915401|ref|XR\_132539.1| PREDICTED: Homo sapiens hypothetical LOC100652843 (LOC100652843), i  
gi|341915405|ref|XR\_132542.1| PREDICTED: Homo sapiens hypothetical LOC100652896 (LOC100652896), i  
gi|341915407|ref|XR\_132544.1| PREDICTED: Homo sapiens hypothetical LOC100509105 (LOC100509105), i  
gi|341915414|ref|XR\_132725.1| PREDICTED: Homo sapiens hypothetical LOC100507530 (LOC100507530), i  
gi|341915416|ref|XR\_132817.1| PREDICTED: Homo sapiens hypothetical LOC100132046 (LOC100132046), i  
gi|341915417|ref|XR\_132886.1| PREDICTED: Homo sapiens hypothetical LOC729732 (LOC729732), miscRN  
gi|341915419|ref|XR\_132887.1| PREDICTED: Homo sapiens hypothetical LOC100652947 (LOC100652947), i  
gi|341915420|ref|XR\_132888.1| PREDICTED: Homo sapiens hypothetical LOC100652951 (LOC100652951), i  
gi|341915425|ref|XM\_002342853.2| PREDICTED: Homo sapiens lipoxygenase homology domain-containing  
gi|341915428|ref|XR\_132553.1| PREDICTED: Homo sapiens hypothetical LOC100652845 (LOC100652845), i  
gi|341915429|ref|XR\_132554.1| PREDICTED: Homo sapiens hypothetical LOC100652850 (LOC100652850), i  
gi|341915430|ref|XR\_132555.1| PREDICTED: Homo sapiens hypothetical LOC100507516 (LOC100507516), i  
gi|341915431|ref|XR\_108909.2| PREDICTED: Homo sapiens hypothetical LOC286178 (LOC286178), miscRN  
gi|341915432|ref|XM\_002342862.3| PREDICTED: Homo sapiens exonuclease GOR-like (LOC100288562), ml  
gi|341915433|ref|XR\_132545.1| PREDICTED: Homo sapiens hypothetical LOC286149 (LOC286149), miscRN  
gi|341915436|ref|XR\_132547.1| PREDICTED: Homo sapiens hypothetical LOC100652975 (LOC100652975), i  
gi|341915437|ref|XR\_108879.2| PREDICTED: Homo sapiens hypothetical LOC100506927 (LOC100506927), i  
gi|341915438|ref|XR\_108882.2| PREDICTED: Homo sapiens hypothetical LOC100506980 (LOC100506980), i  
gi|341915442|ref|XR\_132549.1| PREDICTED: Homo sapiens hypothetical LOC100653024 (LOC100653024), i  
gi|341915445|ref|XM\_003403536.1| PREDICTED: Homo sapiens HEAT repeat-containing protein 7A-like, tra  
gi|341915451|ref|XR\_110587.2| PREDICTED: Homo sapiens hypothetical LOC100130027 (LOC100130027), i

gi|341915452|ref|XM\_932037.4| PREDICTED: Homo sapiens HEAT repeat-containing protein 7A-like, trans  
gi|341915455|ref|XM\_003403443.1| PREDICTED: Homo sapiens hypothetical protein LOC100509263 (LOC1  
gi|341915457|ref|XR\_132556.1| PREDICTED: Homo sapiens hypothetical LOC100652973 (LOC100652973),  
gi|341915458|ref|XM\_003403444.1| PREDICTED: Homo sapiens zinc finger protein 658-like (LOC100653002  
gi|341915460|ref|XR\_132557.1| PREDICTED: Homo sapiens ras-related protein Rap-1b-like (LOC100506390  
gi|341915462|ref|XR\_132559.1| PREDICTED: Homo sapiens hypothetical LOC100652747 (LOC100652747),  
gi|341915466|ref|XM\_003403578.1| PREDICTED: Homo sapiens coiled-coil domain-containing protein 29-li  
gi|341915468|ref|XR\_132873.1| PREDICTED: Homo sapiens family with sequence similarity 27, member D1  
gi|341915470|ref|XR\_132891.1| PREDICTED: Homo sapiens hypothetical protein FLJ20444 (FLJ20444), misc  
gi|341915471|ref|XM\_003403579.1| PREDICTED: Homo sapiens putative ankyrin repeat domain-containing  
gi|341915473|ref|XM\_003119021.2| PREDICTED: Homo sapiens hypothetical protein LOC100507370 (LOC1  
gi|341915475|ref|XM\_003403546.1| PREDICTED: Homo sapiens putative ankyrin repeat domain-containing  
gi|341915477|ref|XM\_003403547.1| PREDICTED: Homo sapiens ig kappa chain V-I region HK101-like (LOC6  
gi|341915479|ref|XR\_132561.1| PREDICTED: Homo sapiens putative SIPAR-like protein C9orf51-like (LOC10  
gi|341915480|ref|XM\_003403446.1| PREDICTED: Homo sapiens zinc finger protein 322B (ZNF322B), mRNA;  
gi|341915483|ref|XR\_108951.2| PREDICTED: Homo sapiens hypothetical LOC100506119, transcript variant  
gi|341915486|ref|XR\_132563.1| PREDICTED: Homo sapiens ankyrin repeat domain-containing protein 18B-  
gi|341915487|ref|XR\_132564.1| PREDICTED: Homo sapiens hypothetical LOC100652913 (LOC100652913),  
gi|341915489|ref|XR\_132565.1| PREDICTED: Homo sapiens hypothetical LOC100507137 (FP2234), miscRNA  
gi|341915490|ref|XR\_132566.1| PREDICTED: Homo sapiens 10 kDa heat shock protein, mitochondrial-like (  
gi|341915491|ref|XR\_132567.1| PREDICTED: Homo sapiens hypothetical LOC100652935 (LOC100652935),  
gi|341915496|ref|XR\_109017.2| PREDICTED: Homo sapiens hypothetical LOC100507430 (LOC100507430),  
gi|341915497|ref|XR\_109026.2| PREDICTED: Homo sapiens supervillin pseudogene (LOC645954), miscRNA;  
gi|341915498|ref|XR\_132568.1| PREDICTED: Homo sapiens hypothetical LOC100507663 (LOC100507663),  
gi|341915499|ref|XR\_132569.1| PREDICTED: Homo sapiens putative UPF0607 protein FLJ37424-like (LOC10  
gi|341915500|ref|XR\_132570.1| PREDICTED: Homo sapiens hypothetical LOC100652968, transcript variant  
gi|341915502|ref|XR\_132572.1| PREDICTED: Homo sapiens hypothetical LOC100652971 (LOC100652971),  
gi|341915503|ref|XM\_003403449.1| PREDICTED: Homo sapiens MAM and LDL-receptor class A domain-cor  
gi|341915505|ref|XM\_295865.9| PREDICTED: Homo sapiens chromosome 10 open reading frame 112 (C10  
gi|341915507|ref|XR\_132573.1| PREDICTED: Homo sapiens hypothetical LOC100652988 (LOC100652988),  
gi|341915508|ref|XR\_132574.1| PREDICTED: Homo sapiens protein transactivated by hepatitis B virus E ant  
gi|341915509|ref|XR\_132575.1| PREDICTED: Homo sapiens hypothetical LOC100652997 (LOC100652997),  
gi|341915513|ref|XM\_003403532.1| PREDICTED: Homo sapiens ig kappa chain V-I region Walker-like (LOC6  
gi|341915517|ref|XR\_132782.1| PREDICTED: Homo sapiens cytochrome P450, family 17, subfamily A, poly  
gi|341915519|ref|XR\_110454.2| PREDICTED: Homo sapiens hypothetical LOC100505869 (LOC100505869),  
gi|341915520|ref|XR\_132783.1| PREDICTED: Homo sapiens hypothetical LOC100652948 (LOC100652948),  
gi|341915521|ref|XR\_132784.1| PREDICTED: Homo sapiens hypothetical LOC100130887 (LOC100130887),  
gi|341915522|ref|XM\_003118952.2| PREDICTED: Homo sapiens translocase of inner mitochondrial membr  
gi|341915524|ref|XR\_132785.1| PREDICTED: Homo sapiens poly(ADP-ribose) glycohydrolase-like (LOC1005  
gi|341915525|ref|XR\_132786.1| PREDICTED: Homo sapiens hypothetical LOC100652993 (LOC100652993),  
gi|341915526|ref|XR\_110417.2| PREDICTED: Homo sapiens hypothetical LOC100507259 (LOC100507259),  
gi|341915527|ref|XR\_132787.1| PREDICTED: Homo sapiens hypothetical LOC100653003, transcript variant  
gi|341915530|ref|XM\_003403528.1| PREDICTED: Homo sapiens coiled-coil and C2 domain-containing prote  
gi|341915532|ref|XR\_132790.1| PREDICTED: Homo sapiens hypothetical LOC100652735 (LOC100652735),  
gi|341915533|ref|XR\_132791.1| PREDICTED: Homo sapiens hypothetical LOC100652748 (LOC100652748),  
gi|341915534|ref|XR\_132792.1| PREDICTED: Homo sapiens hypothetical LOC100652751 (LOC100652751),  
gi|341915535|ref|XM\_003403529.1| PREDICTED: Homo sapiens hypothetical protein LOC100652756 (LOC1



gi|341915542|ref|XR\_132576.1| PREDICTED: Homo sapiens hypothetical LOC100652906 (LOC100652906),  
gi|341915543|ref|XM\_003403450.1| PREDICTED: Homo sapiens mucin 5AC, oligomeric mucus/gel-forming  
gi|341915547|ref|XR\_132577.1| PREDICTED: Homo sapiens hypothetical LOC100653006 (LOC100653006),  
gi|341915550|ref|XR\_110891.2| PREDICTED: Homo sapiens ARAP1 antisense RNA 2 (non-protein coding) (A  
gi|341915554|ref|XR\_132894.1| PREDICTED: Homo sapiens ankyrin repeat domain-containing protein 33B-  
gi|341915557|ref|XR\_132895.1| PREDICTED: Homo sapiens hypothetical LOC100287413 (LOC100287413),  
gi|341915560|ref|XR\_132898.1| PREDICTED: Homo sapiens putative uncharacterized protein FLJ38264-like  
gi|341915561|ref|XR\_132899.1| PREDICTED: Homo sapiens hypothetical LOC100653017 (LOC100653017),  
gi|341915563|ref|XR\_110916.2| PREDICTED: Homo sapiens hypothetical LOC100507645, transcript variant  
gi|341915566|ref|XR\_110922.2| PREDICTED: Homo sapiens hypothetical LOC100505554 (LOC100505554),  
gi|341915567|ref|XR\_132901.1| PREDICTED: Homo sapiens hypothetical LOC100652738 (LOC100652738),  
gi|341915568|ref|XM\_294675.9| PREDICTED: Homo sapiens hypothetical protein LOC338667 (LOC338667),  
gi|341915572|ref|XR\_110529.2| PREDICTED: Homo sapiens hypothetical LOC100507145 (LOC100507145),  
gi|341915573|ref|XR\_132806.1| PREDICTED: Homo sapiens hypothetical LOC100652787 (LOC100652787),  
gi|341915574|ref|XR\_110534.2| PREDICTED: Homo sapiens hypothetical LOC100507283 (LOC100507283),  
gi|341915578|ref|XR\_132809.1| PREDICTED: Homo sapiens hypothetical LOC729305 (LOC729305), miscRNA,  
gi|341915579|ref|XR\_132810.1| PREDICTED: Homo sapiens hypothetical LOC100507548 (LOC100507548),  
gi|341915580|ref|XR\_132586.1| PREDICTED: Homo sapiens hypothetical LOC100652804 (LOC100652804),  
gi|341915581|ref|XR\_109114.2| PREDICTED: Homo sapiens hypothetical LOC100049716 (LOC100049716),  
gi|341915585|ref|XR\_132578.1| PREDICTED: Homo sapiens hypothetical LOC100652995 (LOC100652995),  
gi|341915586|ref|XR\_132579.1| PREDICTED: Homo sapiens hypothetical LOC100653000 (LOC100653000),  
gi|341915587|ref|XR\_132580.1| PREDICTED: Homo sapiens hypothetical LOC100653013 (LOC100653013),  
gi|341915589|ref|XR\_132764.1| PREDICTED: Homo sapiens hypothetical LOC100652893 (LOC100652893),  
gi|341915590|ref|XR\_132765.1| PREDICTED: Homo sapiens density-regulated protein-like (LOC100652897)  
gi|341915591|ref|XR\_132766.1| PREDICTED: Homo sapiens ran-specific GTPase-activating protein-like (LOC  
gi|341915592|ref|XR\_132767.1| PREDICTED: Homo sapiens hypothetical LOC100652914 (LOC100652914),  
gi|341915593|ref|XR\_132768.1| PREDICTED: Homo sapiens phosphoglycerate mutase 1-like (LOC10013259  
gi|341915594|ref|XR\_110336.2| PREDICTED: Homo sapiens hypothetical LOC100505882 (LOC100505882),  
gi|341915595|ref|XM\_003403523.1| PREDICTED: Homo sapiens hypothetical protein LOC100652933 (LOC1  
gi|341915601|ref|XR\_132771.1| PREDICTED: Homo sapiens hypothetical LOC100652959 (LOC100652959),  
gi|341915602|ref|XM\_003403525.1| PREDICTED: Homo sapiens myelin gene regulatory factor-like (LOC100  
gi|341915604|ref|XR\_132772.1| PREDICTED: Homo sapiens hypothetical LOC100652964, transcript variant  
gi|341915606|ref|XM\_001715090.3| PREDICTED: Homo sapiens chromosome 12 open reading frame 55 (C  
gi|341915610|ref|XR\_132774.1| PREDICTED: Homo sapiens hypothetical LOC100288366 (LOC100288366),  
gi|341915617|ref|XR\_132778.1| PREDICTED: Homo sapiens hypothetical LOC100653008 (LOC100653008),  
gi|341915618|ref|XR\_132779.1| PREDICTED: Homo sapiens hypothetical LOC100653018 (LOC100653018),  
gi|341915619|ref|XM\_003403527.1| PREDICTED: Homo sapiens hypothetical protein LOC100653022 (LOC1  
gi|341915624|ref|XR\_110369.2| PREDICTED: Homo sapiens hypothetical LOC100507065, transcript variant  
gi|341915625|ref|XR\_132781.1| PREDICTED: Homo sapiens hypothetical LOC100652745 (LOC100652745),  
gi|341915628|ref|XR\_110375.2| PREDICTED: Homo sapiens hypothetical LOC100288798 (LOC100288798),  
gi|341915629|ref|XR\_109129.2| PREDICTED: Homo sapiens hypothetical LOC100506415 (LOC100506415),  
gi|341915630|ref|XR\_132582.1| PREDICTED: Homo sapiens hypothetical LOC100652786 (LOC100652786),  
gi|341915632|ref|XR\_132584.1| PREDICTED: Homo sapiens hypothetical LOC100652800 (LOC100652800),  
gi|341915633|ref|XM\_003403452.1| PREDICTED: Homo sapiens hypothetical protein LOC100292905 (LOC1  
gi|341915636|ref|XR\_132728.1| PREDICTED: Homo sapiens hypothetical LOC100652744 (LOC100652744),  
gi|341915645|ref|XR\_132731.1| PREDICTED: Homo sapiens hypothetical LOC647166 (LOC647166), miscRNA,  
gi|341915646|ref|XM\_003403514.1| PREDICTED: Homo sapiens hypothetical protein LOC100652836 (LOC1

gi|341915651|ref|XR\_132733.1| PREDICTED: Homo sapiens hypothetical LOC100652856, transcript variant

gi|341915653|ref|XR\_132734.1| PREDICTED: Homo sapiens hypothetical LOC100652865 (LOC100652865),

gi|341915654|ref|XR\_110110.2| PREDICTED: Homo sapiens hypothetical LOC100506997 (LOC100506997),

gi|341915657|ref|XR\_132737.1| PREDICTED: Homo sapiens hypothetical LOC100652889 (LOC100652889),

gi|341915659|ref|XR\_132748.1| PREDICTED: Homo sapiens hypothetical LOC100506358 (LOC100506358),

gi|341915660|ref|XR\_132749.1| PREDICTED: Homo sapiens hypothetical LOC100652952 (LOC100652952),

gi|341915661|ref|XR\_132750.1| PREDICTED: Homo sapiens hypothetical LOC100652956 (LOC100652956),

gi|341915663|ref|XR\_132752.1| PREDICTED: Homo sapiens hypothetical LOC100652987 (LOC100652987),

gi|341915664|ref|XR\_132753.1| PREDICTED: Homo sapiens hypothetical LOC100653021 (LOC100653021),

gi|341915667|ref|XR\_132756.1| PREDICTED: Homo sapiens hypothetical LOC100652761 (LOC100652761),

gi|341915668|ref|XM\_003403519.1| PREDICTED: Homo sapiens putative uncharacterized protein C14orf25

gi|341915670|ref|XM\_002343299.3| PREDICTED: Homo sapiens tetratricopeptide repeat domain 6 (TTC6),

gi|341915672|ref|XR\_110295.2| PREDICTED: Homo sapiens leucine rich repeat containing 9 (LRRC9), miscR

gi|341915674|ref|XR\_132757.1| PREDICTED: Homo sapiens esophagus cancer-related gene-2 interaction su

gi|341915675|ref|XM\_003403520.1| PREDICTED: Homo sapiens ras-related protein Rap-2c-like (LOC441698

gi|341915677|ref|XR\_110275.2| PREDICTED: Homo sapiens hypothetical LOC100506092 (LOC100506092),

gi|341915678|ref|XR\_132758.1| PREDICTED: Homo sapiens hypothetical LOC440157 (LOC440157), miscRN

gi|341915679|ref|XR\_132759.1| PREDICTED: Homo sapiens NKX2-1 antisense RNA 1 (non-protein coding) (L

gi|341915680|ref|XM\_003403521.1| PREDICTED: Homo sapiens tetratricopeptide repeat protein 6-like (LO

gi|341915682|ref|XR\_132760.1| PREDICTED: Homo sapiens hypothetical LOC100652866 (LOC100652866),

gi|341915683|ref|XR\_110289.2| PREDICTED: Homo sapiens hypothetical LOC100506446 (LOC100506446),

gi|341915684|ref|XR\_132761.1| PREDICTED: Homo sapiens hypothetical LOC100652890 (LOC100652890),

gi|341915685|ref|XR\_132762.1| PREDICTED: Homo sapiens hypothetical LOC100508046 (LOC100508046),

gi|341915686|ref|XM\_002343312.3| PREDICTED: Homo sapiens POTE ankyrin domain family member B-like

gi|341915695|ref|XR\_132825.1| PREDICTED: Homo sapiens golgin subfamily A member 6-like protein 2-like

gi|341915697|ref|XM\_003403454.1| PREDICTED: Homo sapiens formin-1-like (LOC100652815), mRNA; gi|2

gi|341915701|ref|XR\_132589.1| PREDICTED: Homo sapiens u3 small nucleolar ribonucleoprotein protein M

gi|341915706|ref|XR\_109176.2| PREDICTED: Homo sapiens hypothetical LOC100507568 (LOC100507568),

gi|341915707|ref|XM\_003403457.1| PREDICTED: Homo sapiens golgin subfamily A member 8-like protein 2

gi|341915709|ref|XM\_003118674.2| PREDICTED: Homo sapiens golgin A8 family, member H, transcript vari

gi|341915711|ref|XR\_132590.1| PREDICTED: Homo sapiens hypothetical LOC100652936 (LOC100652936),

gi|341915712|ref|XR\_132591.1| PREDICTED: Homo sapiens oxidation resistance protein 1-like (LOC645405

gi|341915713|ref|XR\_132592.1| PREDICTED: Homo sapiens hypothetical LOC100652954 (LOC100652954),

gi|341915721|ref|XM\_003118660.2| PREDICTED: Homo sapiens golgin subfamily A member 8-like, transcrip

gi|341915723|ref|XR\_110594.2| PREDICTED: Homo sapiens hypothetical LOC727751 (LOC727751), miscRN

gi|341915724|ref|XR\_132819.1| PREDICTED: Homo sapiens putative golgin subfamily A member 6-like prot

gi|341915728|ref|XR\_132596.1| PREDICTED: Homo sapiens hypothetical LOC100652749 (LOC100652749),

gi|341915729|ref|XR\_132597.1| PREDICTED: Homo sapiens hypothetical LOC100652755 (LOC100652755),

gi|341915730|ref|XR\_109212.2| PREDICTED: Homo sapiens hypothetical LOC642423, transcript variant 1 (L

gi|341915732|ref|XR\_132599.1| PREDICTED: Homo sapiens hypothetical LOC100128108, transcript variant

gi|341915734|ref|XR\_109225.2| PREDICTED: Homo sapiens hypothetical LOC644192 (LOC644192), miscRN

gi|341915735|ref|XR\_132601.1| PREDICTED: Homo sapiens putative golgin subfamily A member 8I-like (LO

gi|341915736|ref|XR\_109217.2| PREDICTED: Homo sapiens hypothetical LOC100506983, transcript variant

gi|341915737|ref|XR\_132602.1| PREDICTED: Homo sapiens hypothetical LOC100652876 (LOC100652876),

gi|341915740|ref|XR\_132603.1| PREDICTED: Homo sapiens hypothetical LOC100652892 (LOC100652892),

gi|341915742|ref|XM\_003403459.1| PREDICTED: Homo sapiens putative caspase-14-like protein (CASP14L)

gi|341915744|ref|XM\_003118689.2| PREDICTED: Homo sapiens hypothetical protein LOC400499 (LOC4004

gi|341915746|ref|XM\_003403460.1| PREDICTED: Homo sapiens hypothetical protein LOC100652934 (LOC100652934), mRNA; gi|341915751|ref|XR\_132605.1| PREDICTED: Homo sapiens GPS, PLAT and transmembrane domain-containing protein LOC100652992 (LOC100652992), mRNA; gi|341915752|ref|XR\_132606.1| PREDICTED: Homo sapiens hypothetical LOC100652992 (LOC100652992), mRNA; gi|341915753|ref|XM\_003403461.1| PREDICTED: Homo sapiens nuclear pore complex interacting protein-like LOC100652992 (LOC100652992), mRNA; gi|341915755|ref|XR\_132607.1| PREDICTED: Homo sapiens hypothetical LOC283887 (LOC283887), miscRNA; gi|341915756|ref|XM\_002343430.3| PREDICTED: Homo sapiens nuclear pore complex-interacting protein-like LOC100652992 (LOC100652992), mRNA; gi|341915757|ref|XR\_132608.1| PREDICTED: Homo sapiens UPF0687 protein C20orf27-like (LOC647086), mRNA; gi|341915758|ref|XM\_003403462.1| PREDICTED: Homo sapiens hypothetical protein LOC100652740 (LOC100652740), mRNA; gi|341915760|ref|XR\_132609.1| PREDICTED: Homo sapiens e3 ubiquitin-protein ligase HERC2-like (LOC100652740 (LOC100652740), mRNA; gi|341915761|ref|XM\_003403463.1| PREDICTED: Homo sapiens TP53-target gene 3 protein-like (LOC72926 (LOC72926), mRNA; gi|341915763|ref|XR\_109289.2| PREDICTED: Homo sapiens hypothetical LOC100507221 (LOC100507221), mRNA; gi|341915764|ref|XR\_132610.1| PREDICTED: Homo sapiens sodium- and chloride-dependent creatine transporter LOC100507221 (LOC100507221), mRNA; gi|341915765|ref|XM\_370934.9| PREDICTED: Homo sapiens apolipoproteins-like (LOC388210), mRNA; gi|341915767|ref|XM\_003403464.1| PREDICTED: Homo sapiens group 10 secretory phospholipase A2-like (LOC100507221 (LOC100507221), mRNA; gi|341915770|ref|XM\_001132754.5| PREDICTED: Homo sapiens nuclear pore complex-interacting protein-like LOC100507221 (LOC100507221), mRNA; gi|341915771|ref|XM\_003118719.2| PREDICTED: Homo sapiens nuclear pore complex-interacting protein-like LOC100507221 (LOC100507221), mRNA; gi|341915772|ref|XM\_003403465.1| PREDICTED: Homo sapiens Ig heavy chain V-III region VH26-like (LOC100507221 (LOC100507221), mRNA; gi|341915774|ref|XM\_003403466.1| PREDICTED: Homo sapiens Ig heavy chain V-I region V35-like (LOC100507221 (LOC100507221), mRNA; gi|341915776|ref|XM\_001718037.4| PREDICTED: Homo sapiens hypothetical protein LOC100132941 (LOC100132941), mRNA; gi|341915778|ref|XR\_132612.1| PREDICTED: Homo sapiens hypothetical LOC647208 (LOC647208), miscRNA; gi|341915783|ref|XM\_003403467.1| PREDICTED: Homo sapiens hypothetical protein LOC100652822 (LOC100652822), mRNA; gi|341915786|ref|XM\_003403468.1| PREDICTED: Homo sapiens hypothetical protein LOC100652851 (LOC100652851), mRNA; gi|341915789|ref|XR\_132627.1| PREDICTED: Homo sapiens hypothetical LOC100652858 (LOC100652858), mRNA; gi|341915790|ref|XR\_132628.1| PREDICTED: Homo sapiens hypothetical LOC100652861 (LOC100652861), mRNA; gi|341915795|ref|XR\_109451.2| PREDICTED: Homo sapiens hypothetical LOC100506480 (LOC100506480), mRNA; gi|341915796|ref|XR\_109453.2| PREDICTED: Homo sapiens hypothetical LOC400590 (LOC400590), miscRNA; gi|341915797|ref|XR\_132642.1| PREDICTED: Homo sapiens hypothetical LOC100652927 (LOC100652927), mRNA; gi|341915798|ref|XR\_132630.1| PREDICTED: Homo sapiens hypothetical LOC645722, transcript variant 2 (LOC645722), mRNA; gi|341915804|ref|XR\_109423.2| PREDICTED: Homo sapiens hCG1644301 (LOC124685), miscRNA; gi|341915806|ref|XR\_132636.1| PREDICTED: Homo sapiens hypothetical LOC100505620 (LOC100505620), mRNA; gi|341915807|ref|XM\_003403470.1| PREDICTED: Homo sapiens hypothetical protein LOC100652922 (LOC100652922), mRNA; gi|341915809|ref|XM\_003403471.1| PREDICTED: Homo sapiens hypothetical protein LOC100652929 (LOC100652929), mRNA; gi|341915811|ref|XR\_132637.1| PREDICTED: Homo sapiens hypothetical LOC100287562 (LOC100287562), mRNA; gi|341915812|ref|XM\_003118753.2| PREDICTED: Homo sapiens hypothetical protein LOC100507656 (LOC100507656), mRNA; gi|341915814|ref|XM\_003403472.1| PREDICTED: Homo sapiens putative uncharacterized protein encoded by LOC100507656 (LOC100507656), mRNA; gi|341915819|ref|XR\_132639.1| PREDICTED: Homo sapiens hypothetical LOC100506214, transcript variant 1 (LOC100506214), mRNA; gi|341915820|ref|XR\_132640.1| PREDICTED: Homo sapiens putative uncharacterized protein C14orf165-like LOC100506214 (LOC100506214), mRNA; gi|341915823|ref|XM\_003403473.1| PREDICTED: Homo sapiens hypothetical protein LOC100652727 (LOC100652727), mRNA; gi|341915825|ref|XR\_132641.1| PREDICTED: Homo sapiens hypothetical LOC100652733 (LOC100652733), mRNA; gi|341915827|ref|XR\_132647.1| PREDICTED: Homo sapiens hypothetical LOC100652778 (LOC100652778), mRNA; gi|341915828|ref|XM\_003403476.1| PREDICTED: Homo sapiens hypothetical protein LOC100652797 (LOC100652797), mRNA; gi|341915830|ref|XR\_132648.1| PREDICTED: Homo sapiens hypothetical LOC646778 (LOC646778), miscRNA; gi|341915833|ref|XR\_132739.1| PREDICTED: Homo sapiens hypothetical LOC100652895 (LOC100652895), mRNA; gi|341915834|ref|XR\_132740.1| PREDICTED: Homo sapiens hypothetical LOC100652904 (LOC100652904), mRNA; gi|341915835|ref|XR\_132741.1| PREDICTED: Homo sapiens hypothetical LOC100652917 (LOC100652917), mRNA; gi|341915837|ref|XR\_132667.1| PREDICTED: Homo sapiens zinc finger protein 799-like (LOC100507219), mRNA; gi|341915838|ref|XM\_001726961.3| PREDICTED: Homo sapiens zinc finger protein 728 (ZNF728), mRNA; gi|

gi|341915842|ref|XR\_132668.1| PREDICTED: Homo sapiens hypothetical LOC100653010 (LOC100653010), i  
gi|341915844|ref|XR\_109588.2| PREDICTED: Homo sapiens hypothetical LOC100505851 (LOC100505851), i  
gi|341915851|ref|XR\_132655.1| PREDICTED: Homo sapiens hypothetical LOC100652911 (LOC100652911), i  
gi|341915853|ref|XR\_132656.1| PREDICTED: Homo sapiens hypothetical LOC100652940 (LOC100652940), i  
gi|341915854|ref|XM\_003403477.1| PREDICTED: Homo sapiens putative uncharacterized protein FLJ38264  
gi|341915856|ref|XR\_132657.1| PREDICTED: Homo sapiens hypothetical LOC100286969 (LOC100286969), i  
gi|341915857|ref|XR\_132658.1| PREDICTED: Homo sapiens hypothetical LOC400706 (LOC400706), miscRNA  
gi|341915858|ref|XR\_132659.1| PREDICTED: Homo sapiens hypothetical LOC100653001 (LOC100653001), i  
gi|341915859|ref|XM\_003403478.1| PREDICTED: Homo sapiens ret finger protein-like 4A-like (LOC729974)  
gi|341915863|ref|XR\_132661.1| PREDICTED: Homo sapiens hepatocellular carcinoma-associated antigen H  
gi|341915864|ref|XM\_001717165.3| PREDICTED: Homo sapiens ovo-like 3 (Drosophila) (OVOL3), mRNA; gi  
gi|341915866|ref|XM\_003403479.1| PREDICTED: Homo sapiens protein capicua homolog (LOC100652741), i  
gi|341915868|ref|XM\_002343656.2| PREDICTED: Homo sapiens zinc finger protein 420-like (LOC10028747  
gi|341915871|ref|XR\_132663.1| PREDICTED: Homo sapiens transmembrane protein 50B-like (LOC1002878  
gi|341915872|ref|XM\_001725568.2| PREDICTED: Homo sapiens zinc finger and SCAN domain containing 5C  
gi|341915876|ref|XM\_001134442.4| PREDICTED: Homo sapiens ankyrin repeat domain 60 (ANKRD60), mRN  
gi|341915878|ref|XR\_132672.1| PREDICTED: Homo sapiens hypothetical LOC100652854 (LOC100652854), i  
gi|341915879|ref|XR\_109615.2| PREDICTED: Homo sapiens hypothetical LOC100505944 (LOC100505944), i  
gi|341915880|ref|XM\_003403482.1| PREDICTED: Homo sapiens hypothetical protein LOC100652930 (LOC1  
gi|341915887|ref|XM\_003403483.1| PREDICTED: Homo sapiens hypothetical protein LOC100652972 (LOC1  
gi|341915889|ref|XM\_003403484.1| PREDICTED: Homo sapiens hypothetical protein LOC100652984 (LOC1  
gi|341915891|ref|XR\_132676.1| PREDICTED: Homo sapiens hypothetical LOC100652994 (LOC100652994), i  
gi|341915892|ref|XR\_132677.1| PREDICTED: Homo sapiens hypothetical LOC100652958 (LOC100652958), i  
gi|341915893|ref|XR\_132680.1| PREDICTED: Homo sapiens hypothetical LOC100652760 (LOC100652760), i  
gi|341915894|ref|XM\_003403488.1| PREDICTED: Homo sapiens hypothetical protein LOC100652763 (LOC1  
gi|341915896|ref|XM\_003403489.1| PREDICTED: Homo sapiens hypothetical protein LOC100652769 (LOC1  
gi|341915898|ref|XR\_132681.1| PREDICTED: Homo sapiens hypothetical LOC100652788 (LOC100652788), i  
gi|341915899|ref|XM\_003118818.2| PREDICTED: Homo sapiens protein LLP homolog (LOC100506562), mR  
gi|341915900|ref|XM\_003403490.1| PREDICTED: Homo sapiens hypothetical LOC729461 (LOC729461), mR  
gi|341915904|ref|XM\_003403491.1| PREDICTED: Homo sapiens glutathione S-transferase theta-4-like (LOC  
gi|341915907|ref|XM\_003403492.1| PREDICTED: Homo sapiens hypothetical protein LOC100652894 (LOC1  
gi|341915909|ref|XM\_003403493.1| PREDICTED: Homo sapiens hypothetical protein LOC100652901 (LOC1  
gi|341915911|ref|XR\_132682.1| PREDICTED: Homo sapiens hypothetical LOC100652925 (LOC100652925), i  
gi|341915914|ref|XR\_132902.1| PREDICTED: Homo sapiens hypothetical LOC100293744 (LOC100293744), i  
gi|341915915|ref|XR\_110924.2| PREDICTED: Homo sapiens hypothetical LOC100506356 (LOC100506356), i  
gi|341915916|ref|XR\_110927.2| PREDICTED: Homo sapiens hypothetical LOC100506583, transcript variant  
gi|341915917|ref|XR\_132903.1| PREDICTED: Homo sapiens hypothetical LOC100652923 (LOC100652923), i  
gi|341915918|ref|XM\_003119193.2| PREDICTED: Homo sapiens melanoma antigen family B, 17, transcript  
gi|341915921|ref|XR\_133576.1| PREDICTED: Homo sapiens hypothetical LOC100129860 (LOC100129860), i  
gi|341915923|ref|XR\_132686.1| PREDICTED: Homo sapiens hypothetical LOC100132304 (LOC100132304), i  
gi|341915926|ref|XR\_132684.1| PREDICTED: Homo sapiens hypothetical LOC100652805 (LOC100652805), i  
gi|341915930|ref|XR\_132687.1| PREDICTED: Homo sapiens hypothetical LOC100652816 (LOC100652816), i  
gi|341915931|ref|XR\_132688.1| PREDICTED: Homo sapiens hypothetical LOC100652821 (LOC100652821), i  
gi|341915932|ref|XR\_132689.1| PREDICTED: Homo sapiens hypothetical LOC100652838 (LOC100652838), i  
gi|341915933|ref|XM\_002343850.3| PREDICTED: Homo sapiens putative SAGE1-like protein (LOC644717), i  
gi|341915935|ref|XM\_003403580.1| PREDICTED: Homo sapiens paraneoplastic antigen like 6B (PNMA6B), i  
gi|341915937|ref|XM\_001127211.4| PREDICTED: Homo sapiens paraneoplastic antigen like 6A-like (LOC64

gi|341915942|ref|XM\_002343877.2| PREDICTED: Homo sapiens hypothetical protein LOC100289296 (LOC100289296), miscRNA

gi|341915966|ref|XM\_003403592.1| PREDICTED: Homo sapiens zinc finger protein 26-like (LOC100287515), partial miscRNA

gi|341915968|ref|XR\_110947.2| PREDICTED: Homo sapiens zinc finger protein 605 (ZNF605), partial miscRNA

gi|341915969|ref|XM\_003403593.1| PREDICTED: Homo sapiens double homeobox protein 4-like (LOC100287515), partial miscRNA

gi|341915971|ref|XM\_003403594.1| PREDICTED: Homo sapiens double homeobox protein 4-like (LOC100287515), partial miscRNA

gi|341915973|ref|XR\_132906.1| PREDICTED: Homo sapiens von Willebrand factor-like (LOC100289038), partial miscRNA

gi|341915976|ref|XM\_003403453.1| PREDICTED: Homo sapiens hypothetical protein LOC100652869 (LOC100652869), partial miscRNA

gi|341915978|ref|XR\_132588.1| PREDICTED: Homo sapiens hypothetical LOC100652878 (LOC100652878), partial miscRNA

gi|341915981|ref|XR\_132616.1| PREDICTED: Homo sapiens hypothetical LOC100652950, transcript variant 1 (LOC100652950), partial miscRNA

gi|341915983|ref|XR\_132617.1| PREDICTED: Homo sapiens superoxide dismutase [Cu-Zn]-like (LOC100652950), partial miscRNA

gi|341915985|ref|XR\_132619.1| PREDICTED: Homo sapiens hypothetical LOC100652989, transcript variant 1 (LOC100652989), partial miscRNA

gi|341915986|ref|XR\_109319.2| PREDICTED: Homo sapiens hypothetical LOC100132529 (LOC100132529), partial miscRNA

gi|341915989|ref|XR\_132622.1| PREDICTED: Homo sapiens hypothetical LOC100506201, transcript variant 1 (LOC100506201), partial miscRNA

gi|341915990|ref|XR\_132623.1| PREDICTED: Homo sapiens hypothetical LOC728054 (LOC728054), miscRNA

gi|341915992|ref|XM\_003403474.1| PREDICTED: Homo sapiens hypothetical protein LOC100652790 (LOC100652790), partial miscRNA

gi|341915994|ref|XM\_003403475.1| PREDICTED: Homo sapiens putative uncharacterized protein ENSP00000100000 (LOC100652790), partial miscRNA

gi|341915996|ref|XR\_132644.1| PREDICTED: Homo sapiens hypothetical LOC100652823 (LOC100652823), partial miscRNA

gi|341915997|ref|XR\_132645.1| PREDICTED: Homo sapiens succinate dehydrogenase [ubiquinone] cytochrome b560 subunit-like (LOC100652823), partial miscRNA

gi|341916000|ref|XR\_132664.1| PREDICTED: Homo sapiens hypothetical LOC100652905 (LOC100652905), partial miscRNA

gi|341916001|ref|XR\_109552.2| PREDICTED: Homo sapiens hypothetical LOC100506848 (LOC100506848), partial miscRNA

gi|341916002|ref|XR\_132665.1| PREDICTED: Homo sapiens hypothetical LOC100652912 (LOC100652912), partial miscRNA

gi|341916005|ref|XM\_003403481.1| PREDICTED: Homo sapiens adenylate kinase isoenzyme 1-like (LOC390800), partial miscRNA

gi|341916008|ref|XR\_132674.1| PREDICTED: Homo sapiens hypothetical LOC100287166 (LOC100287166), partial miscRNA

gi|341916009|ref|XR\_132675.1| PREDICTED: Homo sapiens hypothetical LOC100652902 (LOC100652902), partial miscRNA

gi|341916010|ref|XM\_003403485.1| PREDICTED: Homo sapiens similar to hypothetical protein LOC375127 (LOC375127), partial miscRNA

gi|341916012|ref|XM\_003403486.1| PREDICTED: Homo sapiens putative POM121-like protein 1-like (LOC728054), partial miscRNA

gi|341916014|ref|XR\_109700.2| PREDICTED: Homo sapiens hypothetical LOC100506454 (LOC100506454), partial miscRNA

gi|341916015|ref|XM\_003403487.1| PREDICTED: Homo sapiens hypothetical protein LOC100652736 (LOC100652736), partial miscRNA

gi|341916017|ref|XR\_109701.2| PREDICTED: Homo sapiens hypothetical LOC100506503 (LOC100506503), partial miscRNA

gi|341916018|ref|XR\_132678.1| PREDICTED: Homo sapiens hypothetical LOC100652746 (LOC100652746), partial miscRNA

gi|341916019|ref|XR\_132679.1| PREDICTED: Homo sapiens hypothetical LOC100652750 (LOC100652750), partial miscRNA

gi|341916023|ref|XM\_002344198.3| PREDICTED: Homo sapiens testis specific protein, Y-linked 10, transcript variant 1 (LOC100652750), partial miscRNA

gi|341916025|ref|XR\_109785.2| PREDICTED: Homo sapiens hypothetical LOC100506003 (LOC100506003), partial miscRNA

gi|341916026|ref|XR\_132690.1| PREDICTED: Homo sapiens putative transcript Y 11 protein-like (LOC100652750), partial miscRNA

gi|341916030|ref|XR\_132703.1| PREDICTED: Homo sapiens hypothetical LOC100128563 (LOC100128563), partial miscRNA

gi|341916031|ref|XR\_132727.1| PREDICTED: Homo sapiens hypothetical LOC651337 (LOC651337), miscRNA

gi|341916032|ref|XM\_003403533.1| PREDICTED: Homo sapiens ig kappa chain V-I region Walker-like (LOC651337), partial miscRNA

gi|341916034|ref|XR\_132815.1| PREDICTED: Homo sapiens hypothetical LOC100652907 (LOC100652907), partial miscRNA

gi|341916035|ref|XR\_132816.1| PREDICTED: Homo sapiens non-protein coding RNA 118 (NCRNA00118), partial miscRNA

gi|341916036|ref|XR\_132818.1| PREDICTED: Homo sapiens chromosome 10 open reading frame 43 (C10orf100), partial miscRNA

gi|341916037|ref|XM\_003403544.1| PREDICTED: Homo sapiens hypothetical protein LOC100652762 (LOC100652762), partial miscRNA

gi|341916039|ref|XR\_132821.1| PREDICTED: Homo sapiens contactin associated protein-like 3 pseudogene (LOC100652762), partial miscRNA

gi|341916043|ref|XM\_002344257.3| PREDICTED: Homo sapiens hypothetical protein LOC100289528 (LOC100289528), partial miscRNA

gi|341916044|ref|XM\_003403545.1| PREDICTED: Homo sapiens hypothetical protein LOC100652863 (LOC100652863), partial miscRNA

gi|341916046|ref|XR\_132871.1| PREDICTED: Homo sapiens hypothetical LOC100132999 (LOC100132999), partial miscRNA

gi|341916047|ref|XR\_132872.1| PREDICTED: Homo sapiens neuroblastoma breakpoint family member (LOC100132999), partial miscRNA

gi|341916048|ref|XM\_003403556.1| PREDICTED: Homo sapiens ig kappa chain V-I region Walker-like (LOC100132999), partial miscRNA

gi|341916050|ref|XM\_003119081.2| PREDICTED: Homo sapiens serine/arginine-rich splicing factor 10-like (

gi|341916052|ref|XR\_132875.1| PREDICTED: Homo sapiens carboxy-terminal domain RNA polymerase II po

gi|341916058|ref|XR\_110816.2| PREDICTED: Homo sapiens hypothetical LOC100505543, transcript variant

gi|341916060|ref|XR\_132876.1| PREDICTED: Homo sapiens carboxy-terminal domain RNA polymerase II po

gi|341916061|ref|XM\_003119105.2| PREDICTED: Homo sapiens killer cell immunoglobulin-like receptor, th

gi|341916066|ref|XM\_003119113.2| PREDICTED: Homo sapiens killer cell immunoglobulin-like receptor 2D

gi|341916071|ref|XM\_003119124.2| PREDICTED: Homo sapiens killer cell immunoglobulin-like receptor, th

gi|341916073|ref|XR\_132877.1| PREDICTED: Homo sapiens ankyrin repeat domain-containing protein 20B-

gi|341916158|ref|XR\_132874.1| PREDICTED: Homo sapiens hypothetical LOC100653033 (LOC100653033), i

gi|341916189|ref|XM\_003403572.1| PREDICTED: Homo sapiens hypothetical protein LOC100653034 (LOC1

gi|341916191|ref|XR\_132907.1| PREDICTED: Homo sapiens hypothetical LOC100653031 (LOC100653031), i

gi|341916195|ref|XM\_003403596.1| PREDICTED: Homo sapiens complement component 4B (Chido blood g

gi|341916198|ref|XM\_003119328.2| PREDICTED: Homo sapiens HLA class II histocompatibility antigen, DQ

gi|341916200|ref|XR\_132909.1| PREDICTED: Homo sapiens HLA complex group 8 (HCG8), miscRNA; gi|3419

gi|341916201|ref|XR\_132910.1| PREDICTED: Homo sapiens hypothetical LOC100653032 (LOC100653032), i

gi|341916203|ref|XR\_132912.1| PREDICTED: Homo sapiens hypothetical LOC100653026 (LOC100653026), i

gi|341916206|ref|XR\_132913.1| PREDICTED: Homo sapiens hypothetical LOC100653030 (LOC100653030), i

gi|341916207|ref|XR\_132914.1| PREDICTED: Homo sapiens dead end protein homolog 1-like (LOC1001341

gi|341916234|ref|XM\_003403611.1| PREDICTED: Homo sapiens hypothetical protein LOC100653027 (LOC1

gi|341916236|ref|XM\_003403612.1| PREDICTED: Homo sapiens intramembrane protease 5 (IMP5), mRNA;

gi|341916245|ref|XM\_002344068.3| PREDICTED: Homo sapiens ADP-ribosylation factor-like protein 17-like

gi|341916246|ref|XR\_132916.1| PREDICTED: Homo sapiens dead end protein homolog 1-like (LOC1002943

gi|341916247|ref|XR\_132917.1| PREDICTED: Homo sapiens UPF0450 protein C17orf58-like (LOC100294338

gi|341916248|ref|XM\_003119451.2| PREDICTED: Homo sapiens vesicle-fusing ATPase-like (LOC100507699)

gi|341916250|ref|XM\_003403616.1| PREDICTED: Homo sapiens c-Jun-amino-terminal kinase-interacting pr

gi|341916252|ref|XM\_003403617.1| PREDICTED: Homo sapiens c-Jun-amino-terminal kinase-interacting pr

gi|341916254|ref|XR\_132459.1| PREDICTED: Homo sapiens 60S ribosomal protein L23a-like (LOC10028903

gi|341916259|ref|XR\_132460.1| PREDICTED: Homo sapiens double homeobox 4 like 9 (DUX4L9), miscRNA;

gi|341916260|ref|XR\_132461.1| PREDICTED: Homo sapiens 60S ribosomal protein L23a-like (LOC10065304

gi|341916261|ref|XR\_132462.1| PREDICTED: Homo sapiens hypothetical LOC100653054 (LOC100653054), i

gi|341916270|ref|XR\_132463.1| PREDICTED: Homo sapiens putative POM121-like protein 1-like (LOC10065

gi|341916271|ref|XM\_003403391.1| PREDICTED: Homo sapiens putative POM121-like protein 1-like (LOC1

gi|341916273|ref|XM\_003403392.1| PREDICTED: Homo sapiens putative POM121-like protein 1-like (LOC1

gi|341916275|ref|XM\_003403393.1| PREDICTED: Homo sapiens putative POM121-like protein 1-like (LOC1

gi|341916279|ref|XM\_003403395.1| PREDICTED: Homo sapiens beta-glucuronidase-like protein SMA4-like,

gi|341916283|ref|XM\_003403397.1| PREDICTED: Homo sapiens hypothetical protein LOC100653063 (LOC1

gi|341916285|ref|XM\_003403398.1| PREDICTED: Homo sapiens hypothetical protein LOC100653064 (LOC1

gi|341916289|ref|XR\_132466.1| PREDICTED: Homo sapiens ANO1 antisense RNA 2 (non-protein coding) (AI

gi|341916290|ref|XR\_132467.1| PREDICTED: Homo sapiens taste receptor type 2 member 64-like (LOC1006

gi|341916293|ref|XM\_003403400.1| PREDICTED: Homo sapiens putative killer cell immunoglobulin-like rec

gi|341916295|ref|XM\_003403401.1| PREDICTED: Homo sapiens killer cell immunoglobulin-like receptor, tw

gi|341916299|ref|XM\_003403403.1| PREDICTED: Homo sapiens killer cell immunoglobulin-like receptor, tw

gi|341916301|ref|XM\_003403404.1| PREDICTED: Homo sapiens leukocyte immunoglobulin-like receptor su

gi|341916303|ref|XM\_003403405.1| PREDICTED: Homo sapiens putative killer cell immunoglobulin-like rec

gi|341916309|ref|XM\_003403408.1| PREDICTED: Homo sapiens killer cell immunoglobulin-like receptor 2D

gi|341916315|ref|XM\_003403411.1| PREDICTED: Homo sapiens killer cell immunoglobulin-like receptor, tw

gi|341916325|ref|XM\_003403416.1| PREDICTED: Homo sapiens putative killer cell immunoglobulin-like rec

gi|341916330|ref|XR\_133570.1| PREDICTED: Homo sapiens glucosylceramidase-like (LOC100510710), parti

gi|341916331|ref|XM\_003118472.2| PREDICTED: Homo sapiens golgin A6 family-like, transcript variant 1 (L

gi|341916333|ref|XR\_133571.1| PREDICTED: Homo sapiens hypothetical LOC100507026 (LOC100507026), i

gi|341916334|ref|XM\_003403879.1| PREDICTED: Homo sapiens liver carboxylesterase 1-like (LOC10065305

gi|341916338|ref|XM\_003403881.1| PREDICTED: Homo sapiens TBC1 domain family, member 3 (TBC1D3),

gi|341916341|ref|XR\_133573.1| PREDICTED: Homo sapiens hypothetical LOC100653041, transcript variant

gi|341916342|ref|XR\_133574.1| PREDICTED: Homo sapiens hypothetical LOC100653042 (LOC100653042), i

gi|341916343|ref|XM\_003403882.1| PREDICTED: Homo sapiens keratin, type I cuticular Ha4-like (LOC10065

gi|341916345|ref|XM\_003403883.1| PREDICTED: Homo sapiens hypothetical protein LOC100653069 (LOC1

gi|341916347|ref|XR\_133575.1| PREDICTED: Homo sapiens hypothetical LOC100132273 (LOC100132273), i

gi|341926170|ref|NM\_001243169.1| Homo sapiens pre T-cell antigen receptor alpha (PTCRA), transcript va

gi|341926197|ref|NR\_040599.1| Homo sapiens uncharacterized LOC100505812 (LOC100505812), non-codi

gi|341926254|ref|NM\_182476.2| Homo sapiens coenzyme Q6 homolog, monooxygenase (*S. cerevisiae*) (CC

gi|341926278|ref|NM\_014505.5| Homo sapiens potassium large conductance calcium-activated channel, si

gi|341926280|ref|NM\_001243156.1| Homo sapiens TATA box binding protein (TBP)-associated factor, RNA

gi|341926309|ref|NM\_139285.3| Homo sapiens growth arrest-specific 2 like 2 (GAS2L2), mRNA;

gi|341932552|ref|NR\_040662.1| Homo sapiens HLA complex P5 (non-protein coding) (HCP5), non-coding R

gi|342187189|ref|NR\_040671.1| Homo sapiens uncharacterized LOC100288198 (LOC100288198), non-codi

gi|342187193|ref|NR\_040677.1| Homo sapiens uncharacterized LOC100507577 (LOC100507577), non-codi

gi|342187198|ref|NM\_184043.2| Homo sapiens aldolase A, fructose-bisphosphate (ALDOA), transcript vari

gi|342187240|ref|NM\_000053.3| Homo sapiens ATPase, Cu++ transporting, beta polypeptide (ATP7B), tran

gi|34222115|ref|NM\_020755.2| Homo sapiens serine incorporator 1 (SERINC1), mRNA;

gi|34222120|ref|NM\_024057.2| Homo sapiens nucleoporin 37kDa (NUP37), mRNA;

gi|34222158|ref|NM\_018275.3| Homo sapiens chromosome 7 open reading frame 43 (C7orf43), mRNA;

gi|34222160|ref|NM\_080675.3| Homo sapiens Sad1 and UNC84 domain containing 5 (SUN5), mRNA;

gi|34222163|ref|NM\_144634.2| Homo sapiens lysozyme-like 4 (LYZL4), mRNA;

gi|34222169|ref|NM\_144705.2| Homo sapiens tektin 4 (TEKT4), mRNA;

gi|34222170|ref|NM\_144661.2| Homo sapiens chromosome 10 open reading frame 82 (C10orf82), mRNA;

gi|34222184|ref|NM\_145265.2| Homo sapiens coiled-coil domain containing 127 (CCDC127), mRNA;

gi|34222190|ref|NM\_144603.2| Homo sapiens NADPH oxidase organizer 1 (NOXO1), transcript variant a, m

gi|34222196|ref|NM\_004731.3| Homo sapiens solute carrier family 16, member 7 (monocarboxylic acid tra

gi|34222226|ref|NM\_173481.2| Homo sapiens chromosome 19 open reading frame 21 (C19orf21), mRNA;

gi|34222229|ref|NM\_173509.2| Homo sapiens family with sequence similarity 163, member A (FAM163A),

gi|34222234|ref|NM\_173810.3| Homo sapiens tetratricopeptide repeat domain 9C (TTC9C), mRNA;

gi|34222241|ref|NM\_174887.2| Homo sapiens intraflagellar transport 20 homolog (*Chlamydomonas*) (IFT20

gi|34222261|ref|NM\_178014.2| Homo sapiens tubulin, beta class I (TUBB), mRNA;

gi|34222267|ref|NM\_178820.3| Homo sapiens F-box protein 27 (FBXO27), mRNA;

gi|34222268|ref|NM\_178439.3| Homo sapiens germ cell-less homolog 1 (*Drosophila*) (GMCL1), mRNA;

gi|34222271|ref|NM\_012084.3| Homo sapiens glutamate dehydrogenase 2 (GLUD2), nuclear gene encodin

gi|34222272|ref|NM\_178824.3| Homo sapiens WD repeat domain 49 (WDR49), mRNA;

gi|34222273|ref|NM\_030883.3| Homo sapiens olfactory receptor, family 2, subfamily H, member 1 (OR2H1

gi|34222283|ref|NM\_152512.3| Homo sapiens ENTH domain containing 1 (ENTHD1), mRNA;

gi|34222290|ref|NM\_002091.3| Homo sapiens gastrin-releasing peptide (GRP), transcript variant 1, mRNA;

gi|34222291|ref|NM\_003249.3| Homo sapiens thimet oligopeptidase 1 (THOP1), mRNA;

gi|34222308|ref|NM\_014408.3| Homo sapiens trafficking protein particle complex 3 (TRAPPC3), mRNA;

gi|34222325|ref|NM\_015654.3| Homo sapiens N-acetyltransferase 9 (GCN5-related, putative) (NAT9), mRN

gi|34222326|ref|NM\_015980.3| Homo sapiens HMP19 protein (HMP19), mRNA;

gi|34222327|ref|NM\_016049.3| Homo sapiens family with sequence similarity 158, member A (FAM158A), mRNA;

gi|34222329|ref|NM\_015934.3| Homo sapiens NOP58 ribonucleoprotein homolog (yeast) (NOP58), mRNA;

gi|34222336|ref|NM\_020685.3| Homo sapiens chromosome 3 open reading frame 14 (C3orf14), mRNA;

gi|34222339|ref|NM\_024954.3| Homo sapiens ubiquitin domain containing 1 (UBTD1), mRNA;

gi|34222353|ref|NM\_144685.3| Homo sapiens homeodomain interacting protein kinase 4 (HIPK4), mRNA;

gi|34222380|ref|NM\_182614.2| Homo sapiens family with sequence similarity 70, member B (FAM70B), mRNA;

gi|34222385|ref|NM\_006688.3| Homo sapiens complement component 1, q subcomponent-like 1 (C1QL1), mRNA;

gi|342307068|ref|NM\_001243193.1| Homo sapiens BPI fold containing family A, member 1 (BPIFA1), transcript variant 1, mRNA;

gi|342307071|ref|NM\_003345.4| Homo sapiens ubiquitin-conjugating enzyme E2I (UBE2I), transcript variant 1, mRNA;

gi|342307077|ref|NR\_039981.2| Homo sapiens uncharacterized LOC100216546 (LOC100216546), non-coding RNA;

gi|342307078|ref|NM\_014937.3| Homo sapiens inositol polyphosphate-5-phosphatase F (INPP5F), transcript variant 1, mRNA;

gi|342307085|ref|NM\_182962.2| Homo sapiens baculoviral IAP repeat containing 3 (BIRC3), transcript variant 1, mRNA;

gi|342307087|ref|NR\_029451.2| Homo sapiens long intergenic non-protein coding RNA 477 (LINC00477), non-coding RNA;

gi|342307093|ref|NM\_032966.2| Homo sapiens chemokine (C-X-C motif) receptor 5 (CXCR5), transcript variant 1, mRNA;

gi|342307094|ref|NM\_005338.5| Homo sapiens huntingtin interacting protein 1 (HIP1), transcript variant 1, mRNA;

gi|342307097|ref|NM\_003954.3| Homo sapiens mitogen-activated protein kinase kinase kinase 14 (MAP3K14), transcript variant 1, mRNA;

gi|342307102|ref|NM\_004109.4| Homo sapiens ferredoxin 1 (FDX1), nuclear gene encoding mitochondrial ferredoxin 1, mRNA;

gi|342307103|ref|NM\_012401.3| Homo sapiens plexin B2 (PLXNB2), mRNA;

gi|342307104|ref|NR\_037841.2| Homo sapiens MACROD2 antisense RNA 1 (non-protein coding) (MACROD2-AS1), non-coding RNA;

gi|342309918|ref|NM\_001105580.2| Homo sapiens gamma-aminobutyric acid (GABA) A receptor, rho 3 (GABRG3), transcript variant 1, mRNA;

gi|342349303|ref|NM\_006597.4| Homo sapiens heat shock 70kDa protein 8 (HSPA8), transcript variant 1, mRNA;

gi|342349315|ref|NM\_100486.3| Homo sapiens WW domain containing adaptor with coiled-coil (WAC), transcript variant 1, mRNA;

gi|342349317|ref|NM\_001562.3| Homo sapiens interleukin 18 (interferon-gamma-inducing factor) (IL18), transcript variant 1, mRNA;

gi|342349322|ref|NM\_001243212.1| Homo sapiens uncharacterized LOC643669 (LOC643669), mRNA;

gi|342349332|ref|NM\_004561.3| Homo sapiens ovo-like 1(Drosophila) (OVOL1), mRNA;

gi|342349333|ref|NR\_040710.1| Homo sapiens uncharacterized LOC100131208 (LOC100131208), non-coding RNA;

gi|342349335|ref|NM\_201269.2| Homo sapiens zinc finger protein 644 (ZNF644), transcript variant 1, mRNA;

gi|342349349|ref|NM\_207013.2| Homo sapiens transcription elongation factor B (SIII), polypeptide 2 (18kDa) (TFEB2), transcript variant 1, mRNA;

gi|342349355|ref|NM\_012416.3| Homo sapiens RAN binding protein 6 (RANBP6), transcript variant 1, mRNA;

gi|342360617|ref|NM\_017444.5| Homo sapiens chromatin accessibility complex 1 (CHRAC1), transcript variant 1, mRNA;

gi|342672017|ref|NM\_001243204.1| Homo sapiens ECSIT homolog (Drosophila) (ECSIT), nuclear gene encoding ECSIT, mRNA;

gi|342672025|ref|NM\_006599.3| Homo sapiens nuclear factor of activated T-cells 5, tonicity-responsive (NFATC5), transcript variant 1, mRNA;

gi|342672029|ref|NM\_001197097.2| Homo sapiens protease, serine, 3 (PRSS3), transcript variant 3, mRNA;

gi|342672032|ref|NM\_001040146.3| Homo sapiens CTF8, chromosome transmission fidelity factor 8 homolog (CTF8), transcript variant 1, mRNA;

gi|342672033|ref|NM\_001076785.2| Homo sapiens solute carrier family 7 (amino acid transporter light chain) (SLC7A7), transcript variant 1, mRNA;

gi|342672045|ref|NM\_001243224.1| Homo sapiens RAD9 homolog A (S. pombe) (RAD9A), transcript variant 1, mRNA;

gi|342672049|ref|NM\_001198974.2| Homo sapiens TMEM110-MUSTN1 readthrough (TMEM110-MUSTN1-RT), transcript variant 1, mRNA;

gi|342672052|ref|NM\_001243225.1| Homo sapiens pescadillo ribosomal biogenesis factor 1 (PES1), transcript variant 1, mRNA;

gi|342672054|ref|NM\_005663.4| Homo sapiens Wolf-Hirschhorn syndrome candidate 2 (WHSC2), mRNA;

gi|342672072|ref|NM\_001243234.1| Homo sapiens transcription factor 4 (TCF4), transcript variant 10, mRNA;

gi|342672085|ref|NR\_040718.1| Homo sapiens Ras association (RalGDS/AF-6) domain family member 3 (RAF3), transcript variant 1, mRNA;

gi|342672088|ref|NM\_001243237.1| Homo sapiens uncharacterized LOC100130301 (LOC100130301), mRNA;

gi|342837689|ref|NR\_030638.3| Homo sapiens microRNA 941-2 (MIR941-2), microRNA;

gi|342837690|ref|NR\_040032.2| Homo sapiens microRNA 941-4 (MIR941-4), microRNA;

gi|342837693|ref|NR\_040722.1| Homo sapiens RNA binding motif protein 39 (RBM39), transcript variant 5, mRNA;

gi|342837698|ref|NM\_001243245.1| Homo sapiens proteoglycan 2, bone marrow (natural killer cell activator) (PG2), transcript variant 1, mRNA;

gi|342837700|ref|NM\_138720.2| Homo sapiens histone cluster 1, H2bd (HIST1H2BD), transcript variant 2, mRNA;



gi|342837703|ref|NM\_001243246.1| Homo sapiens leucine proline-enriched proteoglycan (leprecan) 1 (LEP1), mRNA; gi|342837705|ref|NM\_006028.4| Homo sapiens 5-hydroxytryptamine (serotonin) receptor 3B, ionotropic (HTR3B), mRNA; gi|342837718|ref|NM\_004724.3| Homo sapiens ZW10, kinetochore associated, homolog (Drosophila) (ZW10), mRNA; gi|342837720|ref|NM\_001136204.2| Homo sapiens regulator of chromosome condensation 2 (RCC2), transcript variant 1, mRNA; gi|342837721|ref|NM\_024097.3| Homo sapiens chromosome 1 open reading frame 50 (C1orf50), transcript variant 1, mRNA; gi|342837732|ref|NM\_006779.3| Homo sapiens CDC42 effector protein (Rho GTPase binding) 2 (CDC42EP2), mRNA; gi|342837749|ref|NM\_001039476.2| Homo sapiens nitrogen permease regulator-like 3 (S. cerevisiae) (NPR3), mRNA; gi|34303920|ref|NM\_147180.2| Homo sapiens protein phosphatase 3, regulatory subunit B, beta (PPP3R2), mRNA; gi|34303923|ref|NM\_144689.3| Homo sapiens zinc finger protein 420 (ZNF420), mRNA; gi|34303931|ref|NM\_152453.2| Homo sapiens transmembrane and coiled-coil domains 5A (TMCO5A), mRNA; gi|34303935|ref|NM\_152553.2| Homo sapiens ring finger protein 217 (RNF217), mRNA; gi|34303936|ref|NM\_152585.1| Homo sapiens RNA binding motif protein, Y-linked, family 1, member F (RBM17), mRNA; gi|34303938|ref|NM\_152596.2| Homo sapiens exonuclease 3'-5' domain containing 1 (EXD1), mRNA; gi|34303940|ref|NM\_152603.2| Homo sapiens zinc finger protein 567 (ZNF567), mRNA; gi|34303946|ref|NM\_152638.2| Homo sapiens chromosome 12 open reading frame 12 (C12orf12), mRNA; gi|34303950|ref|NM\_152706.2| Homo sapiens chromosome 7 open reading frame 62 (C7orf62), mRNA; gi|34304324|ref|NM\_031902.3| Homo sapiens mitochondrial ribosomal protein S5 (MRPS5), nuclear gene (MRPS5), mRNA; gi|34304343|ref|NM\_021154.3| Homo sapiens phosphoserine aminotransferase 1 (PSAT1), transcript variant 1, mRNA; gi|34304362|ref|NM\_021727.3| Homo sapiens fatty acid desaturase 3 (FADS3), mRNA; gi|34304364|ref|NM\_022110.3| Homo sapiens FK506 binding protein like (FKBPL), mRNA; gi|34304365|ref|NM\_004118.3| Homo sapiens forkhead box S1 (FOXS1), mRNA; gi|34304373|ref|NM\_003885.2| Homo sapiens cyclin-dependent kinase 5, regulatory subunit 1 (p35) (CDK5), mRNA; gi|34304380|ref|NM\_014425.2| Homo sapiens inversin (INVS), transcript variant 1, mRNA; gi|34304378|ref|NM\_014425.2| Homo sapiens inversin (INVS), transcript variant 2, mRNA; gi|34304382|ref|NM\_173477.2| Homo sapiens Usher syndrome 1G (autosomal recessive) (USH1G), mRNA; gi|34304384|ref|NM\_006555.3| Homo sapiens YKT6 v-SNARE homolog (S. cerevisiae) (YKT6), mRNA; gi|34305454|ref|NM\_024523.5| Homo sapiens GRIP and coiled-coil domain containing 1 (GCC1), mRNA; gi|343098381|ref|NM\_015517.4| Homo sapiens histone H4 transcription factor (HINFP), transcript variant 1, mRNA; gi|343098439|ref|NM\_148975.2| Homo sapiens membrane-spanning 4-domains, subfamily A, member 4A (MS4A4A), mRNA; gi|343098450|ref|NR\_040773.1| Homo sapiens uncharacterized LOC100505666 (LOC100505666), transcript variant 1, mRNA; gi|343098475|ref|NM\_024678.5| Homo sapiens asparaginyl-tRNA synthetase 2, mitochondrial (putative) (NARS2), mRNA; gi|343098480|ref|NM\_001243252.1| Homo sapiens EF-hand domain family, member D1 (EFHD1), transcript variant 1, mRNA; gi|343098484|ref|NM\_001243253.1| Homo sapiens tigger transposable element derived 6 (TIGD6), transcript variant 1, mRNA; gi|343098488|ref|NM\_001243254.1| Homo sapiens DENN/MADD domain containing 5A (DENND5A), transcript variant 1, mRNA; gi|343098508|ref|NM\_001243256.1| Homo sapiens Zic family member 4 (ZIC4), transcript variant 6, mRNA; gi|343168753|ref|NM\_175566.2| Homo sapiens contactin 5 (CNTN5), transcript variant 3, mRNA; gi|343168761|ref|NM\_007348.3| Homo sapiens activating transcription factor 6 (ATF6), mRNA; gi|343168765|ref|NM\_174917.3| Homo sapiens acyl-CoA synthetase family member 3 (ACSF3), nuclear gene (ACSF3), mRNA; gi|343168768|ref|NM\_001627.3| Homo sapiens activated leukocyte cell adhesion molecule (ALCAM), transcript variant 1, mRNA; gi|343168782|ref|NM\_001243286.1| Homo sapiens poliovirus receptor-related 3 (PVRL3), transcript variant 1, mRNA; gi|343168811|ref|NM\_020344.3| Homo sapiens solute carrier family 24 (sodium/potassium/calcium exchanger) (SLC24A2), mRNA; gi|343183326|ref|NM\_001243308.1| Homo sapiens chromosome 6 open reading frame 7 (C6orf7), mRNA; gi|343183340|ref|NM\_001243312.1| Homo sapiens Smith-Magenis syndrome chromosome region, candidate 1 (SMCR1), mRNA; gi|343183343|ref|NM\_001243313.1| Homo sapiens serine/threonine kinase 36 (STK36), transcript variant 2, mRNA; gi|343183349|ref|NM\_001136271.2| Homo sapiens NK2 homeobox 6 (NKX2-6), mRNA; gi|343183359|ref|NM\_001127397.2| Homo sapiens endoplasmic reticulum lectin 1 (ERLEC1), transcript variant 1, mRNA; gi|343183384|ref|NM\_001243327.1| Homo sapiens retinoic acid early transcript 1E (RAET1E), transcript variant 1, mRNA; gi|343183404|ref|NM\_001243333.1| Homo sapiens seizure related 6 homolog (mouse)-like 2 (SEZ6L2), transcript variant 1, mRNA;

gi|343183409|ref|NR\_027700.2| Homo sapiens NOP56 ribonucleoprotein homolog (yeast) (NOP56), transcript

gi|343183423|ref|NM\_017950.3| Homo sapiens coiled-coil domain containing 40 (CCDC40), transcript varia

gi|343183428|ref|NM\_015324.3| Homo sapiens ribosomal RNA processing 8, methyltransferase, homolog (

gi|34328078|ref|NM\_024684.2| Homo sapiens chromosome 11 open reading frame 67 (C11orf67), mRNA;

gi|34328079|ref|NM\_138358.2| Homo sapiens chromosome 19 open reading frame 52 (C19orf52), mRNA;

gi|34328912|ref|NM\_004625.3| Homo sapiens wingless-type MMTV integration site family, member 7A (W

gi|34328935|ref|NM\_004175.3| Homo sapiens small nuclear ribonucleoprotein D3 polypeptide 18kDa (SNR

gi|34328940|ref|NM\_138960.3| Homo sapiens TGFB-induced factor homeobox 2-like, X-linked (TGIF2LX), r

gi|34328942|ref|NM\_139214.2| Homo sapiens TGFB-induced factor homeobox 2-like, Y-linked (TGIF2LY), r

gi|34328944|ref|NM\_004202.2| Homo sapiens thymosin beta 4, Y-linked (TMSB4Y), mRNA;

gi|34330167|ref|NM\_003696.2| Homo sapiens olfactory receptor, family 6, subfamily A, member 2 (OR6A2

gi|34330189|ref|NM\_181786.2| Homo sapiens HKR1, GLI-Kruppel zinc finger family member (HKR1), mRNA

gi|34335133|ref|NM\_183352.1| Homo sapiens SEC13 homolog (S. cerevisiae) (SEC13), transcript variant 1, i

gi|34335143|ref|NM\_001001.3| Homo sapiens ribosomal protein L36a-like (RPL36AL), mRNA;

gi|34335149|ref|NM\_001015.3| Homo sapiens ribosomal protein S11 (RPS11), mRNA;

gi|34335197|ref|NM\_182722.1| Homo sapiens cAMP responsive element modulator (CREM), transcript var

gi|34335232|ref|NM\_001305.3| Homo sapiens claudin 4 (CLDN4), mRNA;

gi|34335235|ref|NM\_006651.3| Homo sapiens complexin 1 (CPLX1), mRNA;

gi|34335237|ref|NM\_153488.3| Homo sapiens melanoma antigen family A, 2B (MAGEA2B), mRNA;

gi|34335238|ref|NM\_005365.4| Homo sapiens melanoma antigen family A, 9 (MAGEA9), mRNA;

gi|34335254|ref|NM\_006400.3| Homo sapiens dynactin 2 (p50) (DCTN2), mRNA;

gi|34335265|ref|NM\_012408.3| Homo sapiens zinc finger, MYND-type containing 8 (ZMYND8), transcript v

gi|34335267|ref|NM\_012409.2| Homo sapiens prion protein 2 (dublet) (PRND), mRNA;

gi|34335271|ref|NM\_006404.3| Homo sapiens protein C receptor, endothelial (PROCR), mRNA;

gi|34335280|ref|NM\_002813.4| Homo sapiens proteasome (prosome, macropain) 26S subunit, non-ATPase

gi|34335288|ref|NM\_173179.2| Homo sapiens solute carrier family 35, member C2 (SLC35C2), transcript v

gi|34335290|ref|NM\_003935.3| Homo sapiens topoisomerase (DNA) III beta (TOP3B), mRNA;

gi|34335291|ref|NM\_003312.4| Homo sapiens thiosulfate sulfurtransferase (rhodanese) (TST), nuclear gen

gi|343403754|ref|NM\_018058.6| Homo sapiens cartilage acidic protein 1 (CRTAC1), transcript variant 1, m

gi|343403769|ref|NM\_016599.4| Homo sapiens myozenin 2 (MYOZ2), mRNA;

gi|343403774|ref|NR\_044991.1| Homo sapiens long intergenic non-protein coding RNA 229 (LINC00229), n

gi|343403784|ref|NM\_004355.3| Homo sapiens CD74 molecule, major histocompatibility complex, class II i

gi|343403795|ref|NM\_016118.4| Homo sapiens negative regulator of ubiquitin-like proteins 1 (NUB1), tran

gi|343403808|ref|NR\_044993.1| Homo sapiens uncharacterized LOC100506394 (LOC100506394), non-codi

gi|343403811|ref|NR\_044994.1| Homo sapiens CTAGE family, member 7, pseudogene (CTAGE7P), non-codi

gi|343403813|ref|NR\_044995.1| Homo sapiens uncharacterized LOC650669 (FLJ41484), non-coding RNA;

gi|343403818|ref|NR\_044996.1| Homo sapiens HLA complex group 23 (HCG23), non-coding RNA;

gi|343403819|ref|NR\_044997.1| Homo sapiens HLA complex group 25 (HCG25), non-coding RNA;

gi|343403823|ref|NR\_003272.2| Homo sapiens paraspeckle component 1 (PSPC1), transcript variant 2, non

gi|343403835|ref|NR\_044999.1| Homo sapiens olfactory receptor, family 7, subfamily E, member 12 pseud

gi|343403840|ref|NR\_045000.1| Homo sapiens ARP3 actin-related protein 3 homolog B (yeast) pseudogene

gi|343403856|ref|NM\_053051.3| Homo sapiens centrobins, centrosomal BRCA2 interacting protein (CNTRO

gi|343432576|ref|NM\_152501.4| Homo sapiens pyrin and HIN domain family, member 1 (PYHIN1), transcri

gi|343432581|ref|NM\_013327.4| Homo sapiens parvin, beta (PARVB), transcript variant 2, mRNA; gi|34343

gi|343432582|ref|NR\_045002.1| Homo sapiens olfactory receptor, family 7, subfamily E, member 14 pseud

gi|343432609|ref|NM\_001190997.2| Homo sapiens solute carrier family 6 (neurotransmitter transporter, C

gi|343432619|ref|NR\_045004.1| Homo sapiens olfactory receptor, family 7, subfamily E, member 2 pseudo

gi|343432636|ref|NR\_045005.1| Homo sapiens olfactory receptor, family 10, subfamily V, member 2 pseud  
 gi|343432675|ref|NR\_045006.1| Homo sapiens non-protein coding RNA, repressor of NFAT (NRON), non-co  
 gi|343478144|ref|NM\_016066.4| Homo sapiens glutaredoxin 2 (GLRX2), transcript variant 1, mRNA; gi|343  
 gi|343478151|ref|NM\_014770.3| Homo sapiens ArfGAP with GTPase domain, ankyrin repeat and PH domai  
 gi|343478156|ref|NM\_001105567.2| Homo sapiens kinesin family member 13A (KIF13A), transcript variant  
 gi|343478197|ref|NM\_001033555.2| Homo sapiens sperm antigen with calponin homology and coiled-coil  
 gi|343478245|ref|NR\_037584.2| Homo sapiens uncharacterized LOC100506677 (AA06), non-coding RNA;  
 gi|343478260|ref|NM\_018961.3| Homo sapiens ubiquitin associated and SH3 domain containing A (UBASH:  
 gi|343478298|ref|NM\_001243372.1| Homo sapiens chloride channel, voltage-sensitive 3 (CLCN3), transcrip  
 gi|343488462|ref|NM\_001243517.1| Homo sapiens uncharacterized LOC100130480 (LOC100130480), mRN  
 gi|343488471|ref|NM\_001243523.1| Homo sapiens uncharacterized LOC100130880 (LOC100130880), mRN  
 gi|343488478|ref|NM\_031207.5| Homo sapiens hydroxypyruvate isomerase (putative) (HYI), transcript vari  
 gi|343488516|ref|NM\_001011703.2| Homo sapiens family with sequence similarity 125, member B (FAM12  
 gi|343780851|ref|NM\_001243509.1| Homo sapiens estrogen-related receptor gamma (ESRRG), transcript v  
 gi|343780869|ref|NM\_001243531.1| Homo sapiens uncharacterized LOC100505679 (LOC100505679), mRN  
 gi|343780872|ref|NM\_152835.4| Homo sapiens PDLIM1 interacting kinase 1 like (PDIK1L), transcript varian  
 gi|343780883|ref|NM\_001243536.1| Homo sapiens ankyrin repeat domain 65 (ANKRD65), transcript varian  
 gi|343780886|ref|NM\_001243537.1| Homo sapiens uncharacterized LOC388849 (LOC388849), mRNA;  
 gi|343780888|ref|NM\_001243538.1| Homo sapiens uncharacterized LOC283710 (LOC283710), mRNA;  
 gi|343780890|ref|NM\_001243539.1| Homo sapiens interleukin 15 receptor, alpha (IL15RA), transcript varia  
 gi|343780898|ref|NM\_001127688.2| Homo sapiens brain expressed, X-linked 4 (BEX4), transcript variant 1,  
 gi|343780899|ref|NM\_001243541.1| Homo sapiens differential display clone 8 (LOC100653515), transcript  
 gi|343780929|ref|NM\_001243552.1| Homo sapiens uncharacterized LOC100506650 (LOC100506650), mRN  
 gi|343780937|ref|NM\_032167.3| Homo sapiens sorting nexin 29 (SNX29), mRNA;  
 gi|343780959|ref|NR\_045011.1| Homo sapiens sorting nexin 29 pseudogene 1 (SNX29P1), non-coding RNA,  
 gi|343780964|ref|NR\_002939.3| Homo sapiens sorting nexin 29 pseudogene 2 (SNX29P2), non-coding RNA,  
 gi|343790877|ref|NM\_001243564.1| Homo sapiens dehydrodolichyl diphosphate synthase (DHDDS), transc  
 gi|343790939|ref|NM\_001145474.2| Homo sapiens ATPAF1 antisense RNA 1 (non-protein coding) (ATPAF1  
 gi|343790968|ref|NM\_001195017.2| Homo sapiens CD4 molecule (CD4), transcript variant 5, mRNA; gi|30:  
 gi|343790986|ref|NM\_001243613.1| Homo sapiens LIM domain only 3 (rhombotin-like 2) (LMO3), transcrip  
 gi|343887379|ref|NM\_001243661.1| Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type m  
 gi|343962586|ref|NM\_001243702.1| Homo sapiens zinc finger protein 161 homolog (mouse) (ZFP161), trar  
 gi|343962618|ref|NR\_027168.2| Homo sapiens C17orf76 antisense RNA 1 (non-protein coding) (C17orf76-/  
 gi|343962631|ref|NM\_002037.5| Homo sapiens FYN oncogene related to SRC, FGR, YES (FYN), transcript va  
 gi|343962632|ref|NM\_002440.3| Homo sapiens mutS homolog 4 (E. coli) (MSH4), mRNA;  
 gi|344030194|ref|NM\_015416.4| Homo sapiens LETM1 domain containing 1 (LETMD1), nuclear gene encoc  
 gi|344030201|ref|NM\_001243718.1| Homo sapiens RAB6A, member RAS oncogene family (RAB6A), transcr  
 gi|344030206|ref|NR\_024526.2| Homo sapiens ADP-ribosylation-like factor 6 interacting protein 6 (ARL6IP6  
 gi|344030207|ref|NM\_006421.4| Homo sapiens ADP-ribosylation factor guanine nucleotide-exchange facto  
 gi|344030208|ref|NM\_001243723.1| Homo sapiens SET domain and mariner transposase fusion gene (SETI  
 gi|344030216|ref|NM\_001243725.1| Homo sapiens testis expressed 264 (TEX264), transcript variant 5, mR  
 gi|344030224|ref|NM\_001130001.2| Homo sapiens chromosome 3 open reading frame 55 (C3orf55), trans  
 gi|344030238|ref|NM\_006108.3| Homo sapiens spondin 1, extracellular matrix protein (SPON1), mRNA;  
 gi|344030239|ref|NM\_001243732.1| Homo sapiens retinoic acid receptor, gamma (RARG), transcript variar  
 gi|344179104|ref|NM\_003377.4| Homo sapiens vascular endothelial growth factor B (VEGFB), transcript va  
 gi|344179111|ref|NM\_203416.3| Homo sapiens CD163 molecule (CD163), transcript variant 2, mRNA; gi|34  
 gi|344179118|ref|NM\_003609.4| Homo sapiens HIRA interacting protein 3 (HIRIP3), transcript variant 1, m

gi|344179122|ref|NM\_198576.3| Homo sapiens agrin (AGRN), mRNA;

gi|344217710|ref|NM\_001243756.1| Homo sapiens paxillin (PXN), transcript variant 3, mRNA; gi|34421770

gi|344217715|ref|NM\_003654.5| Homo sapiens carbohydrate (keratan sulfate Gal-6) sulfotransferase 1 (CF

gi|344217720|ref|NM\_000948.5| Homo sapiens prolactin (PRL), transcript variant 1, mRNA; gi|344217721|

gi|344217730|ref|NM\_014857.4| Homo sapiens RAB GTPase activating protein 1-like (RABGAP1L), transcrip

gi|344217738|ref|NM\_004761.4| Homo sapiens ral guanine nucleotide dissociation stimulator-like 2 (RGL2)

gi|344217747|ref|NM\_001243744.1| Homo sapiens Fanconi anemia, complementation group C (FANCC), tr

gi|344217758|ref|NM\_181843.2| Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif

gi|344217770|ref|NM\_001243754.1| Homo sapiens chromosome 7 open reading frame 49 (C7orf49), trans

gi|344313159|ref|NM\_001001850.2| Homo sapiens syntaxin 19 (STX19), mRNA;

gi|344313161|ref|NM\_025261.2| Homo sapiens lymphocyte antigen 6 complex, locus G6C (LY6G6C), mRNA

gi|344313162|ref|NM\_001243766.1| Homo sapiens protein O-linked mannose beta1,2-N-acetylglucosamin

gi|344313164|ref|NM\_024508.4| Homo sapiens zinc finger, BED-type containing 2 (ZBED2), mRNA;

gi|344313166|ref|NM\_001136497.2| Homo sapiens basic transcription factor 3-like 4 (BTF3L4), transcript v

gi|344313167|ref|NM\_138396.5| Homo sapiens membrane-associated ring finger (C3HC4) 9 (MARCH9), mF

gi|344313178|ref|NM\_001243770.1| Homo sapiens family with sequence similarity 178, member A (FAM17

gi|344313189|ref|NR\_045035.1| Homo sapiens anterior pharynx defective 1 homolog A (C. elegans) (APH1A)

gi|344313193|ref|NM\_053064.4| Homo sapiens guanine nucleotide binding protein (G protein), gamma 2 (G

gi|344313200|ref|NM\_001243775.1| Homo sapiens LIM domain and actin binding 1 (LIMA1), transcript vari

gi|34452172|ref|NM\_000887.3| Homo sapiens integrin, alpha X (complement component 3 receptor 4 subu

gi|34452692|ref|NM\_183057.1| Homo sapiens vacuolar protein sorting 28 homolog (S. cerevisiae) (VPS28),

gi|34452694|ref|NM\_183377.1| Homo sapiens acid-sensing (proton-gated) ion channel 2 (ASIC2), transcript

gi|34452698|ref|NM\_005721.3| Homo sapiens ARP3 actin-related protein 3 homolog (yeast) (ACTR3), mRN

gi|34452700|ref|NM\_022437.2| Homo sapiens ATP-binding cassette, sub-family G (WHITE), member 8 (ABCG

gi|34452704|ref|NM\_006696.3| Homo sapiens bromodomain containing 8 (BRD8), transcript variant 1, mRN

gi|34485713|ref|NM\_016277.3| Homo sapiens RAB23, member RAS oncogene family (RAB23), transcript va

gi|34485717|ref|NM\_004794.2| Homo sapiens RAB33A, member RAS oncogene family (RAB33A), mRNA;

gi|34485723|ref|NM\_004985.3| Homo sapiens v-Ki-ras2 Kirsten rat sarcoma viral oncogene homolog (KRAS

gi|34485728|ref|NM\_002556.2| Homo sapiens oxysterol binding protein (OSBP), mRNA;

gi|34486089|ref|NM\_004152.2| Homo sapiens ornithine decarboxylase antizyme 1 (OAZ1), mRNA;

gi|344925821|ref|NM\_014679.4| Homo sapiens centrosomal protein 57kDa (CEP57), transcript variant 1, m

gi|344925835|ref|NM\_001243782.1| Homo sapiens family with sequence similarity 213, member A (FAM21

gi|344925844|ref|NM\_015156.3| Homo sapiens REST corepressor 1 (RCOR1), mRNA;

gi|344925849|ref|NM\_001146209.2| Homo sapiens phosphodiesterase 2A, cGMP-stimulated (PDE2A), tran

gi|344925857|ref|NM\_001243785.1| Homo sapiens recombination activating gene 2 (RAG2), transcript vari

gi|344925865|ref|NM\_004267.4| Homo sapiens carbohydrate (N-acetylglucosamine-6-O) sulfotransferase 2

gi|344925875|ref|NM\_014756.3| Homo sapiens cytoskeleton associated protein 5 (CKAP5), transcript varia

gi|344925876|ref|NM\_001243791.1| Homo sapiens single-strand-selective monofunctional uracil-DNA glyco

gi|345090971|ref|NM\_001243794.1| Homo sapiens carbohydrate (chondroitin 4) sulfotransferase 12 (CHST

gi|345090976|ref|NM\_004925.4| Homo sapiens aquaporin 3 (Gill blood group) (AQP3), mRNA;

gi|345090982|ref|NM\_006022.3| Homo sapiens TSC22 domain family, member 1 (TSC22D1), transcript vari

gi|345090989|ref|NM\_152889.2| Homo sapiens carbohydrate (chondroitin 4) sulfotransferase 13 (CHST13)

gi|345091003|ref|NM\_001178033.2| Homo sapiens zinc finger, C4H2 domain containing (ZC4H2), transcrip

gi|345091004|ref|NM\_005968.4| Homo sapiens heterogeneous nuclear ribonucleoprotein M (HNRNPM), tr

gi|345091013|ref|NM\_002662.4| Homo sapiens phospholipase D1, phosphatidylcholine-specific (PLD1), tra

gi|345091033|ref|NM\_001243812.1| Homo sapiens calcium channel, voltage-dependent, N type, alpha 1B (C

gi|345091043|ref|NM\_024533.4| Homo sapiens carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 5

gi|345091061|ref|NM\_152577.3| Homo sapiens zinc finger protein 645 (ZNF645), mRNA;

gi|345110612|ref|NR\_045072.1| Homo sapiens cysteine-serine-rich nuclear protein 2 (CSRNP2), transcript v

gi|345110626|ref|NM\_002001.3| Homo sapiens Fc fragment of IgE, high affinity I, receptor for; alpha polyp

gi|345110647|ref|NM\_005147.5| Homo sapiens DnaJ (Hsp40) homolog, subfamily A, member 3 (DNAJA3), i

gi|345110649|ref|NM\_014233.3| Homo sapiens upstream binding transcription factor, RNA polymerase I (l

gi|345110659|ref|NM\_001243835.1| Homo sapiens signal transducer and activator of transcription 4 (STAT

gi|345128623|ref|NM\_199360.2| Homo sapiens tumor protein D52-like 2 (TPD52L2), transcript variant 1, r

gi|345195203|ref|NM\_004671.3| Homo sapiens protein inhibitor of activated STAT, 2 (PIAS2), transcript vai

gi|345195207|ref|NM\_016519.5| Homo sapiens ameloblastin (enamel matrix protein) (AMBN), mRNA;

gi|345197210|ref|NM\_001204158.2| Homo sapiens sphingosine kinase 2 (SPHK2), transcript variant 2, mRN

gi|345197221|ref|NM\_001243878.1| Homo sapiens four and a half LIM domains 3 (FHL3), transcript variant

gi|345197224|ref|NM\_153364.3| Homo sapiens family with sequence similarity 71, member C (FAM71C), n

gi|345197227|ref|NM\_001243879.1| Homo sapiens transformer 2 beta homolog (Drosophila) (TRA2B), trar

gi|345197242|ref|NM\_001243885.1| Homo sapiens transducer of ERBB2, 1 (TOB1), transcript variant 3, mR

gi|345199281|ref|NM\_005336.4| Homo sapiens high density lipoprotein binding protein (HDLBP), transcrip

gi|345199309|ref|NM\_002167.4| Homo sapiens inhibitor of DNA binding 3, dominant negative helix-loop-h

gi|345441755|ref|NM\_001243925.1| Homo sapiens mitogen-activated protein kinase-activated protein kin

gi|345441760|ref|NM\_024013.2| Homo sapiens interferon, alpha 1 (IFNA1), mRNA;

gi|345441805|ref|NM\_033256.2| Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 14A (

gi|345441814|ref|NM\_001098511.2| Homo sapiens kinesin heavy chain member 2A (KIF2A), transcript vari

gi|345441830|ref|NM\_024512.4| Homo sapiens leucine rich repeat containing 2 (LRRC2), mRNA;

gi|345461075|ref|NM\_001243965.1| Homo sapiens major histocompatibility complex, class II, DR beta 1 (H

gi|345461082|ref|NM\_002123.4| Homo sapiens major histocompatibility complex, class II, DQ beta 1 (HLA-

gi|345478653|ref|NM\_006726.4| Homo sapiens LPS-responsive vesicle trafficking, beach and anchor contai

gi|345478670|ref|NM\_001243941.1| Homo sapiens phosphoribosyl pyrophosphate synthetase-associated |

gi|345478676|ref|NM\_001243960.1| Homo sapiens neural precursor cell expressed, developmentally down

gi|345478687|ref|NR\_045102.1| Homo sapiens ring finger protein 146 (RNF146), transcript variant 5, non-c

gi|345478705|ref|NM\_016732.2| Homo sapiens RNA binding protein, autoantigenic (hnRNP-associated with

gi|345478714|ref|NR\_045104.1| Homo sapiens chromosome 15 open reading frame 44 (C15orf44), transcr

gi|345478732|ref|NM\_024409.2| Homo sapiens natriuretic peptide C (NPPC), mRNA;

gi|345525394|ref|NM\_015012.3| Homo sapiens transmembrane protein 41B (TMEM41B), transcript varian

gi|345525396|ref|NR\_038398.2| Homo sapiens cat eye syndrome chromosome region, candidate 3 (non-pr

gi|345525408|ref|NM\_003200.3| Homo sapiens transcription factor 3 (E2A immunoglobulin enhancer bindi

gi|345525410|ref|NM\_006745.4| Homo sapiens methylsterol monooxygenase 1 (MSMO1), transcript varia

gi|345525415|ref|NR\_045110.1| Homo sapiens EGF-like-domain, multiple 7 (EGFL7), transcript variant 3, nc

gi|345525417|ref|NM\_000075.3| Homo sapiens cyclin-dependent kinase 4 (CDK4), mRNA;

gi|345525418|ref|NM\_002661.3| Homo sapiens phospholipase C, gamma 2 (phosphatidylinositol-specific) (

gi|345525586|ref|NM\_001361.4| Homo sapiens dihydroorotate dehydrogenase (quinone) (DHODH), nuclea

gi|345525589|ref|NM\_002690.2| Homo sapiens polymerase (DNA directed), beta (POLB), mRNA;

gi|34577067|ref|NM\_012098.2| Homo sapiens angiopoietin-like 2 (ANGPTL2), mRNA;

gi|34577076|ref|NM\_183404.1| Homo sapiens retinoblastoma-like 1 (p107) (RBL1), transcript variant 2, mF

gi|34577080|ref|NM\_014276.2| Homo sapiens recombination signal binding protein for immunoglobulin ka

gi|34577082|ref|NM\_152724.2| Homo sapiens Ras suppressor protein 1 (RSU1), transcript variant 2, mRNA

gi|34577103|ref|NM\_020673.2| Homo sapiens RAB22A, member RAS oncogene family (RAB22A), mRNA;

gi|34577113|ref|NM\_015576.1| Homo sapiens ELKS/RAB6-interacting/CAST family member 2 (ERC2), mRN

gi|34577119|ref|NM\_004294.2| Homo sapiens mitochondrial translational release factor 1 (MTRF1), nuclea

gi|34577123|ref|NM\_002862.3| Homo sapiens phosphorylase, glycogen; brain (PYGB), mRNA;

gi|345842327|ref|NM\_001244014.1| Homo sapiens chromosome 12 open reading frame 53 (C12orf53), tra  
gi|345842333|ref|NR\_045118.1| Homo sapiens uncharacterized LOC100289509 (LOC100289509), non-codi  
gi|345842379|ref|NM\_001244038.1| Homo sapiens zinc finger protein 726 (ZNF726), mRNA;  
gi|345842381|ref|NR\_002733.2| Homo sapiens DiGeorge syndrome critical region gene 5 (non-protein codi  
gi|345842383|ref|NR\_045122.1| Homo sapiens uncharacterized LOC100506321 (LOC100506321), non-codi  
gi|345842384|ref|NR\_045123.1| Homo sapiens uncharacterized LOC253044 (LOC253044), non-coding RNA  
gi|345842400|ref|NM\_001099691.2| Homo sapiens transforming growth factor, alpha (TGFA), transcript va  
gi|345842405|ref|NM\_014680.3| Homo sapiens KIAA0100 (KIAA0100), mRNA;  
gi|345842406|ref|NM\_005849.3| Homo sapiens immunoglobulin superfamily, member 6 (IGSF6), mRNA;  
gi|345842409|ref|NM\_001010917.2| Homo sapiens golgin A7 family, member B (GOLGA7B), mRNA; gi|310  
gi|345842411|ref|NM\_001243974.1| Homo sapiens protein phosphatase 3, catalytic subunit, gamma isozyme  
gi|345842415|ref|NM\_015260.2| Homo sapiens SIN3 transcription regulator homolog B (yeast) (SIN3B), mR  
gi|345842434|ref|NM\_002470.3| Homo sapiens myosin, heavy chain 3, skeletal muscle, embryonic (MYH3)  
gi|345842442|ref|NM\_001243984.1| Homo sapiens v-rel reticuloendotheliosis viral oncogene homolog A (c  
gi|345842457|ref|NR\_033787.2| Homo sapiens DNM1 pseudogene 41 (DNM1P41), non-coding RNA;  
gi|345842461|ref|NM\_006258.3| Homo sapiens protein kinase, cGMP-dependent, type I (PRKG1), transcrip  
gi|345842468|ref|NR\_027513.2| Homo sapiens cyclin D-type binding-protein 1 (CCNDBP1), transcript variat  
gi|345842475|ref|NM\_172231.3| Homo sapiens SURP and G patch domain containing 1 (SUGP1), mRNA;  
gi|345842481|ref|NR\_045114.1| Homo sapiens PVRL3 antisense RNA 1 (non-protein coding) (PVRL3-AS1), r  
gi|345842490|ref|NR\_045115.1| Homo sapiens myeloid/lymphoid or mixed-lineage leukemia (trithorax hor  
gi|345842491|ref|NM\_003121.4| Homo sapiens Spi-B transcription factor (Spi-1/PU.1 related) (SPIB), trans  
gi|345842500|ref|NR\_045116.1| Homo sapiens chromosome 5 open reading frame 56 (C5orf56), non-codir  
gi|345842501|ref|NM\_001145051.2| Homo sapiens transmembrane protein ENSP00000343375 (LOC38894  
gi|345842503|ref|NR\_045117.1| Homo sapiens DEAD/H (Asp-Glu-Ala-Asp/His) box helicase 11 like 10 (DDX  
gi|345842504|ref|NR\_027455.3| Homo sapiens uncharacterized LOC100131434 (LOC100131434), non-codi  
gi|345842510|ref|NM\_005806.3| Homo sapiens oligodendrocyte lineage transcription factor 2 (OLIG2), mR  
gi|346223452|ref|NR\_045126.1| Homo sapiens uncharacterized LOC100652739 (LOC100652739), transcrip  
gi|346223454|ref|NM\_001674.3| Homo sapiens activating transcription factor 3 (ATF3), transcript variant 1  
gi|346227181|ref|NR\_024065.2| Homo sapiens long intergenic non-protein coding RNA 312 (LINC00312), n  
gi|346227196|ref|NR\_038174.2| Homo sapiens SPRY domain containing 5 pseudogene (LOC440041), non-c  
gi|346227198|ref|NR\_024054.2| Homo sapiens glucuronidase, beta pseudogene (LOC100170939), non-cod  
gi|346227199|ref|NR\_045125.1| Homo sapiens histone cluster 1, H2a, pseudogene 1 (HIST1H2APS1), non-c  
gi|346227202|ref|NR\_002938.3| Homo sapiens solute carrier family 7 (cationic amino acid transporter, y+ s  
gi|346227203|ref|NR\_002767.2| Homo sapiens AKIRIN2 antisense RNA 1 (non-protein coding) (AKIRIN2-AS  
gi|346421360|ref|NR\_045112.1| Homo sapiens uncharacterized LOC100129617 (LOC100129617), non-codi  
gi|346421476|ref|NM\_001244072.1| Homo sapiens GTPase, IMAP family member 6 (GIMAP6), transcript v  
gi|346422494|ref|NM\_145171.3| Homo sapiens glycoprotein hormone beta 5 (GPHB5), mRNA;  
gi|346644664|ref|NM\_001244191.1| Homo sapiens KIAA0586 (KIAA0586), transcript variant 3, mRNA; gi|3  
gi|346644735|ref|NR\_045129.1| Homo sapiens taxilin gamma 2, pseudogene (TXLNG2P), transcript variant  
gi|346644753|ref|NM\_001119.4| Homo sapiens adducin 1 (alpha) (ADD1), transcript variant 1, mRNA; gi|3  
gi|346644791|ref|NM\_005204.3| Homo sapiens mitogen-activated protein kinase kinase kinase 8 (MAP3K8  
gi|346644808|ref|NM\_000692.4| Homo sapiens aldehyde dehydrogenase 1 family, member B1 (ALDH1B1),  
gi|346644846|ref|NM\_080648.2| Homo sapiens APEX nuclease (multifunctional DNA repair enzyme) 1 (APE  
gi|346716181|ref|NM\_139349.2| Homo sapiens bridging integrator 1 (BIN1), transcript variant 7, mRNA; gi  
gi|346986329|ref|NM\_001161.4| Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif  
gi|346986434|ref|NM\_001244438.1| Homo sapiens arginase, liver (ARG1), transcript variant 1, mRNA; gi|3  
gi|346986474|ref|NM\_174957.2| Homo sapiens ATPase, Ca++ transporting, ubiquitous (ATP2A3), transcript

gi|347300231|ref|NM\_006886.3| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial F1 complex, gi|347300338|ref|NM\_000710.3| Homo sapiens bradykinin receptor B1 (BDKRB1), mRNA;

gi|347300409|ref|NM\_001244567.1| Homo sapiens BH3 interacting domain death agonist (BID), transcript gi|347300462|ref|NR\_040248.1| Homo sapiens ZEB2 antisense RNA 1 (non-protein coding) (ZEB2-AS1), non gi|34734065|ref|NM\_006486.2| Homo sapiens fibulin 1 (FBLN1), transcript variant D, mRNA; gi|154091330 gi|347360903|ref|NM\_003088.3| Homo sapiens fascin homolog 1, actin-bundling protein (Strongylocentrot gi|347360920|ref|NM\_003496.3| Homo sapiens transformation/transcription domain-associated protein (T gi|347360924|ref|NM\_002890.2| Homo sapiens RAS p21 protein activator (GTPase activating protein) 1 (R/ gi|347360940|ref|NM\_012252.3| Homo sapiens transcription factor EC (TFEC), transcript variant 1, mRNA; gi|34740326|ref|NM\_194250.1| Homo sapiens zinc finger protein 804A (ZNF804A), mRNA;

gi|347446659|ref|NM\_032549.3| Homo sapiens IMP2 inner mitochondrial membrane peptidase-like (S. cer gi|347446674|ref|NM\_016019.3| Homo sapiens LUC7-like 2 (S. cerevisiae) (LUC7L2), transcript variant 1, m gi|347446682|ref|NR\_045147.1| Homo sapiens integrin beta 3 binding protein (beta3-endonexin) (ITGB3BP gi|347446691|ref|NM\_031905.4| Homo sapiens armadillo repeat containing 10 (ARMC10), transcript variar gi|347446704|ref|NM\_032016.3| Homo sapiens STARD3 N-terminal like (STARD3NL), mRNA;

gi|347446725|ref|NM\_198450.5| Homo sapiens apolipoprotein O-like (APOOL), mRNA;

gi|347543724|ref|NM\_021933.3| Homo sapiens migration and invasion inhibitory protein (MIIP), mRNA;

gi|347543752|ref|NM\_001206665.2| Homo sapiens immunoglobulin superfamily, member 8 (IGSF8), transcr gi|347543760|ref|NM\_001128930.2| Homo sapiens ectonucleoside triphosphate diphosphohydrolase 4 (EN gi|347543828|ref|NM\_001244604.1| Homo sapiens dihydropyrimidinase-like 2 (DPYSL2), transcript variant gi|347582592|ref|NM\_001244638.1| Homo sapiens AT rich interactive domain 5B (MRF1-like) (ARID5B), tra gi|347582614|ref|NM\_024610.5| Homo sapiens HSPB (heat shock 27kDa) associated protein 1 (HSPBAP1), gi|347582618|ref|NM\_001244644.1| Homo sapiens charged multivesicular body protein 2B (CHMP2B), tra gi|347582625|ref|NM\_182699.3| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 53 (DDX53), mRN gi|347582640|ref|NR\_045181.1| Homo sapiens SPG20 opposite strand (SPG20OS), transcript variant 2, non gi|34761063|ref|NM\_002647.2| Homo sapiens phosphoinositide-3-kinase, class 3 (PIK3C3), mRNA;

gi|347658909|ref|NM\_001005463.2| Homo sapiens early B-cell factor 3 (EBF3), mRNA;

gi|347658912|ref|NM\_001244664.1| Homo sapiens chromatin target of PRMT1 (CHTOP), transcript variant gi|347658917|ref|NM\_003164.4| Homo sapiens syntaxin 5 (STX5), transcript variant 1, mRNA; gi|34765891 gi|347658925|ref|NM\_001197.4| Homo sapiens BCL2-interacting killer (apoptosis-inducing) (BIK), mRNA;

gi|347658952|ref|NM\_001244678.1| Homo sapiens threonine synthase-like 2 (S. cerevisiae) (THNSL2), tran gi|347658959|ref|NM\_032515.4| Homo sapiens BCL2-related ovarian killer (BOK), mRNA;

gi|347658962|ref|NM\_014352.3| Homo sapiens POU class 2 homeobox 3 (POU2F3), transcript variant 1, m gi|347658967|ref|NM\_000921.4| Homo sapiens phosphodiesterase 3A, cGMP-inhibited (PDE3A), transcript gi|347659003|ref|NM\_001244698.1| Homo sapiens zinc finger protein 36, C3H type-like 1 (ZFP36L1), transcr gi|347659020|ref|NM\_001244705.1| Homo sapiens cysteine sulfinic acid decarboxylase (CSAD), transcript v gi|347659026|ref|NM\_002056.3| Homo sapiens glutamine--fructose-6-phosphate transaminase 1 (GFPT1), gi|347659033|ref|NM\_001244714.1| Homo sapiens FGGY carbohydrate kinase domain containing (FGGY), t gi|347800664|ref|NM\_001244724.1| Homo sapiens RAD23 homolog B (S. cerevisiae) (RAD23B), transcript v gi|347800725|ref|NM\_001244734.1| Homo sapiens MARVEL domain containing 2 (MARVELD2), transcript v gi|347921140|ref|NM\_001244735.1| Homo sapiens transmembrane protein 126A (TMEM126A), transcript gi|347921638|ref|NR\_004054.2| Homo sapiens small nucleolar RNA, C/D box 103A (SNORD103A), small nu gi|347921842|ref|NM\_003301.5| Homo sapiens thyrotropin-releasing hormone receptor (TRHR), mRNA;

gi|347954818|ref|NM\_001244752.1| Homo sapiens ankyrin repeat domain 18B (ANKRD18B), mRNA;

gi|348041253|ref|NM\_001244753.1| Homo sapiens Fc fragment of IgG, low affinity IIb, receptor (CD16b) (I gi|348041282|ref|NM\_005752.4| Homo sapiens C-type lectin domain family 3, member A (CLEC3A), transcr gi|348041284|ref|NM\_052838.4| Homo sapiens septin 1 (SEPT1), mRNA;

gi|348041313|ref|NM\_004345.4| Homo sapiens cathelicidin antimicrobial peptide (CAMP), mRNA;

gi|348041368|ref|NM\_173468.3| Homo sapiens MOB kinase activator 1B (MOB1B), transcript variant 2, mRNA;

gi|34850075|ref|NM\_002870.2| Homo sapiens RAB13, member RAS oncogene family (RAB13), mRNA;

gi|34850482|ref|NR\_001568.1| Homo sapiens brain cytoplasmic RNA 1 (non-protein coding) (BCYRN1), non-coding RNA;

gi|348605215|ref|NM\_032682.5| Homo sapiens forkhead box P1 (FOXP1), transcript variant 1, mRNA; gi|348605284|ref|NM\_001128843.2| Homo sapiens TNFAIP3 interacting protein 3 (TNIP3), transcript variant 1, mRNA;

gi|34878764|ref|NM\_183420.1| Homo sapiens F-box protein 25 (FBXO25), transcript variant 2, mRNA; gi|34878776|ref|NM\_019592.5| Homo sapiens ring finger protein 20, E3 ubiquitin protein ligase (RNF20), mRNA;

gi|34878786|ref|NM\_022453.2| Homo sapiens ring finger protein 25 (RNF25), mRNA;

gi|34878843|ref|NM\_184086.1| Homo sapiens tripartite motif containing 55 (TRIM55), transcript variant 3, mRNA;

gi|34878876|ref|NM\_016588.2| Homo sapiens neuritin 1 (NRN1), mRNA;

gi|34878903|ref|NM\_003176.2| Homo sapiens synaptonemal complex protein 1 (SYCP1), mRNA;

gi|34915989|ref|NM\_194272.1| Homo sapiens RNA binding protein with multiple splicing 2 (RBPMS2), mRNA;

gi|349501016|ref|NM\_001014980.2| Homo sapiens family with sequence similarity 132, member A (FAM132A), mRNA;

gi|349501059|ref|NM\_001274.5| Homo sapiens checkpoint kinase 1 (CHEK1), transcript variant 3, mRNA; gi|349501065|ref|NM\_000044.3| Homo sapiens androgen receptor (AR), transcript variant 1, mRNA; gi|349501067|ref|NM\_207392.2| Homo sapiens keratinocyte differentiation-associated protein (KRTDAP), mRNA;

gi|349501105|ref|NM\_021072.3| Homo sapiens hyperpolarization activated cyclic nucleotide-gated potassium channel 1 (HCN1), mRNA;

gi|349585059|ref|NM\_001244871.1| Homo sapiens disabled homolog 2, mitogen-responsive phosphoprotein 2 (DIP2), mRNA;

gi|349585071|ref|NM\_144605.4| Homo sapiens septin 12 (SEPT12), transcript variant 2, mRNA; gi|349585117|ref|NR\_045207.1| Homo sapiens peptidylprolyl isomerase A (cyclophilin A) pseudogene (LOC100507373), non-coding RNA;

gi|349585121|ref|NR\_045208.1| Homo sapiens secretoglobin, family 2B, member 3, pseudogene (SCGB2B3), non-coding RNA;

gi|349585198|ref|NR\_045211.1| Homo sapiens glycoprotein, alpha-galactosyltransferase 1 pseudogene (GALNT1), non-coding RNA;

gi|349585201|ref|NM\_170744.4| Homo sapiens unc-5 homolog B (C. elegans) (UNC5B), transcript variant 1, mRNA;

gi|349585202|ref|NM\_001037131.2| Homo sapiens ArfGAP with GTPase domain, ankyrin repeat and PH domain (ARFGAP3), mRNA;

gi|349585223|ref|NM\_001144064.2| Homo sapiens chromosome X open reading frame 51A (CXorf51A), mRNA;

gi|349585224|ref|NM\_001244892.1| Homo sapiens chromosome X open reading frame 51B (CXorf51B), mRNA;

gi|349585444|ref|NM\_001098514.2| Homo sapiens chromosome 16 open reading frame 89 (C16orf89), transcript variant 1, mRNA;

gi|349732138|ref|NM\_001004340.3| Homo sapiens Fc fragment of IgG, high affinity I b, receptor (CD64) (FCGR2B), mRNA;

gi|349732177|ref|NM\_005156.6| Homo sapiens polypyrimidine tract binding protein 3 (PTBP3), transcript variant 1, mRNA;

gi|349732182|ref|NR\_045214.1| Homo sapiens uncharacterized LOC100507373 (LOC100507373), non-coding RNA;

gi|349732202|ref|NM\_004697.4| Homo sapiens PRP4 pre-mRNA processing factor 4 homolog (yeast) (PRPF4), mRNA;

gi|349732214|ref|NM\_002410.4| Homo sapiens mannosyl (alpha-1,6-)-glycoprotein beta-1,6-N-acetyl-glucosaminyl transferase 1 (MGAT1), mRNA;

gi|349732222|ref|NM\_005398.5| Homo sapiens protein phosphatase 1, regulatory subunit 3C (PPP1R3C), non-coding RNA;

gi|349732223|ref|NR\_045215.1| Homo sapiens uncharacterized LOC100652768 (LOC100652768), non-coding RNA;

gi|349732224|ref|NM\_080386.3| Homo sapiens tubulin, alpha 3d (TUBA3D), mRNA;

gi|349732225|ref|NR\_045216.1| Homo sapiens uncharacterized LOC100652770 (LOC100652770), non-coding RNA;

gi|349732230|ref|NR\_045217.1| Homo sapiens uncharacterized LOC100652791 (LOC100652791), non-coding RNA;

gi|349732250|ref|NM\_001244937.1| Homo sapiens macrophage stimulating 1 receptor (c-met-related tyrosine kinase) (MST1R), mRNA;

gi|349732255|ref|NM\_001244938.1| Homo sapiens thioredoxin (TXN), transcript variant 2, mRNA; gi|349732259|ref|NM\_012229.4| Homo sapiens 5'-nucleotidase, cytosolic II (NT5C2), transcript variant 1, mRNA;

gi|350276139|ref|NM\_001244949.1| Homo sapiens glycerol-3-phosphate acyltransferase, mitochondrial (G3PAT), mRNA;

gi|350276157|ref|NM\_001244950.1| Homo sapiens sparc/osteonectin, cwcv and kazal-like domains proteoglycan (SPARC), mRNA;

gi|350276165|ref|NM\_201627.2| Homo sapiens tripartite motif containing 41 (TRIM41), transcript variant 1, mRNA;

gi|350276215|ref|NM\_001244960.1| Homo sapiens FERM domain containing 3 (FRMD3), transcript variant 1, mRNA;

gi|350276221|ref|NM\_001244963.1| Homo sapiens neuron navigator 2 (NAV2), transcript variant 5, mRNA;

gi|350276246|ref|NM\_001244974.1| Homo sapiens protein phosphatase 1, catalytic subunit, gamma isoform (PPP1R1G), mRNA;



gi|350276256|ref|NM\_001244944.1| Homo sapiens STEAP family member 2, metalloredutase (STEAP2), tr  
gi|35038600|ref|NM\_194292.1| Homo sapiens spindle assembly 6 homolog (C. elegans) (SASS6), mRNA;  
gi|350529323|ref|NM\_006909.2| Homo sapiens Ras protein-specific guanine nucleotide-releasing factor 2 ( (gi|350529336|ref|NM\_005065.5| Homo sapiens sel-1 suppressor of lin-12-like (C. elegans) (SEL1L), transcrip  
gi|350529350|ref|NM\_032206.4| Homo sapiens NLR family, CARD domain containing 5 (NLRC5), mRNA;  
gi|350529395|ref|NM\_001245002.1| Homo sapiens nuclear factor I/C (CCAAT-binding transcription factor)  
gi|350529424|ref|NR\_045260.1| Homo sapiens uncharacterized LOC100133123 (LOC100133123), non-codi  
gi|350539830|ref|NR\_045262.1| Homo sapiens prostate cancer associated transcript 1 (non-protein coding  
gi|350606342|ref|NM\_000052.5| Homo sapiens ATPase, Cu++ transporting, alpha polypeptide (ATP7A), mR  
gi|350606365|ref|NM\_005349.3| Homo sapiens recombination signal binding protein for immunoglobulin k  
gi|350606397|ref|NR\_015384.2| Homo sapiens uncharacterized LOC100126784 (LOC100126784), non-codi  
gi|350994418|ref|NM\_024753.4| Homo sapiens tetratricopeptide repeat domain 21B (TTC21B), mRNA;  
gi|350994436|ref|NM\_022659.3| Homo sapiens early B-cell factor 2 (EBF2), mRNA;  
gi|351542188|ref|NM\_002698.4| Homo sapiens POU class 2 homeobox 2 (POU2F2), transcript variant 2, m  
gi|351542208|ref|NM\_171999.3| Homo sapiens sal-like 3 (Drosophila) (SALL3), mRNA;  
gi|351542210|ref|NM\_001144758.2| Homo sapiens pleckstrin homology-like domain, family B, member 1 ( (gi|351542214|ref|NM\_018073.6| Homo sapiens tripartite motif containing 68 (TRIM68), mRNA;  
gi|351542235|ref|NM\_002759.3| Homo sapiens eukaryotic translation initiation factor 2-alpha kinase 2 (EIF  
gi|351542237|ref|NM\_001247996.1| Homo sapiens ArfGAP with SH3 domain, ankyrin repeat and PH doma  
gi|351542243|ref|NM\_003626.3| Homo sapiens protein tyrosine phosphatase, receptor type, f polypeptide  
gi|351720864|ref|NM\_152852.2| Homo sapiens membrane-spanning 4-domains, subfamily A, member 6A ( (gi|351721323|ref|NM\_001248001.1| Homo sapiens SET nuclear oncogene (SET), transcript variant 4, mRNA  
gi|351721355|ref|NM\_006458.3| Homo sapiens tripartite motif containing 3 (TRIM3), transcript variant 1, r  
gi|351721449|ref|NM\_001248003.1| Homo sapiens aryl hydrocarbon receptor nuclear translocator-like 2 ( (gi|351721765|ref|NM\_000805.4| Homo sapiens gastrin (GAST), mRNA;  
gi|351721800|ref|NM\_018026.3| Homo sapiens phosphofurin acidic cluster sorting protein 1 (PACS1), mRN  
gi|351722050|ref|NM\_001248008.1| Homo sapiens SKI-like oncogene (SKIL), transcript variant 4, mRNA; gi  
gi|351722312|ref|NM\_024047.4| Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif  
gi|351722396|ref|NM\_017589.3| Homo sapiens B-cell translocation gene 4 (BTG4), mRNA;  
gi|35250828|ref|NM\_016128.3| Homo sapiens coatomer protein complex, subunit gamma 1 (COPG1), mRN  
gi|352962138|ref|NM\_004522.2| Homo sapiens kinesin family member 5C (KIF5C), mRNA;  
gi|352962163|ref|NM\_014938.4| Homo sapiens MLX interacting protein (MLXIP), mRNA;  
gi|352962168|ref|NM\_001251828.1| Homo sapiens melanoma antigen family A, 10 (MAGEA10), transcript  
gi|352962172|ref|NM\_021049.4| Homo sapiens melanoma antigen family A, 5 (MAGEA5), mRNA;  
gi|352962173|ref|NM\_001251829.1| Homo sapiens secreted phosphoprotein 1 (SPP1), transcript variant 4,  
gi|352962177|ref|NM\_001204811.2| Homo sapiens MAGEA10-MAGEA5 readthrough (MAGEA10-MAGEA5)  
gi|353249929|ref|NM\_182907.2| Homo sapiens PR domain containing 1, with ZNF domain (PRDM1), transc  
gi|353409892|ref|NM\_002871.4| Homo sapiens RAB interacting factor (RABIF), mRNA;  
gi|353411933|ref|NM\_001251845.1| Homo sapiens transient receptor potential cation channel, subfamily ( (gi|353411935|ref|NM\_001076.3| Homo sapiens UDP glucuronosyltransferase 2 family, polypeptide B15 (UC  
gi|353523786|ref|NM\_001251855.1| Homo sapiens phosphoinositide-3-kinase, regulatory subunit 5 (PIK3R  
gi|353523788|ref|NM\_001135694.2| Homo sapiens voltage-dependent anion channel 3 (VDAC3), transcrip  
gi|353523793|ref|NM\_001251874.1| Homo sapiens KH homology domain containing 1 (KHDC1), transcript  
gi|353523858|ref|NM\_003679.4| Homo sapiens kynurenine 3-monooxygenase (kynurenine 3-hydroxylase)  
gi|353523866|ref|NM\_001251884.1| Homo sapiens vasoactive intestinal peptide receptor 1 (VIPR1), transc  
gi|353677962|ref|NR\_045351.1| Homo sapiens alveolar soft part sarcoma chromosome region, candidate 1  
gi|353677968|ref|NM\_003689.3| Homo sapiens aldo-keto reductase family 7, member A2 (aflatoxin aldehy

gi|353677980|ref|NM\_001251902.1| Homo sapiens tyrosine kinase, non-receptor, 1 (TNK1), transcript variant 1, mRNA; gi|353681767|ref|NM\_213608.2| Homo sapiens chromosome 2 open reading frame 66 (C2orf66), mRNA; gi|353731054|ref|NM\_005693.3| Homo sapiens nuclear receptor subfamily 1, group H, member 3 (NR1H3), mRNA; gi|353731066|ref|NR\_045382.1| Homo sapiens uncharacterized LOC100507066 (LOC100507066), non-coding RNA; gi|353731070|ref|NR\_038858.2| Homo sapiens uncharacterized LOC727710 (LOC727710), non-coding RNA; gi|353731080|ref|NM\_001243598.2| Homo sapiens FXVD6-FXVD2 readthrough (FXVD6-FXVD2), transcript variant 1, mRNA; gi|353731083|ref|NM\_001251904.1| Homo sapiens adaptor protein, phosphotyrosine interaction, PH domain containing, 1 (APPT1), mRNA; gi|354459071|ref|NM\_001205103.2| Homo sapiens putative protein SSX6-like (LOC100509575), mRNA; gi|354459348|ref|NM\_001010942.2| Homo sapiens RAP1B, member of RAS oncogene family (RAP1B), transcript variant 1, mRNA; gi|354459364|ref|NR\_045375.1| Homo sapiens uncharacterized LOC100506124 (LOC100506124), non-coding RNA; gi|354459371|ref|NR\_015364.2| Homo sapiens uncharacterized LOC441204 (LOC441204), non-coding RNA; gi|354459373|ref|NM\_005778.3| Homo sapiens RNA binding motif protein 5 (RBM5), transcript variant 1, non-coding RNA; gi|354459379|ref|NR\_045387.1| Homo sapiens uncharacterized LOC100507472 (LOC100507472), non-coding RNA; gi|354459380|ref|NR\_045388.1| Homo sapiens RBM5 antisense RNA (LUST), antisense RNA; gi|354459393|ref|NM\_001251963.1| Homo sapiens Rho guanine nucleotide exchange factor (GEF) 26 (ARHGAP26), mRNA; gi|354459404|ref|NM\_007083.4| Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif domain containing 1 (NUDX1), mRNA; gi|354459408|ref|NM\_014820.4| Homo sapiens translocase of outer mitochondrial membrane 70 homolog (TOM70), mRNA; gi|354459411|ref|NR\_027115.2| Homo sapiens uncharacterized LOC285768 (LOC285768), transcript variant 1, mRNA; gi|354542550|ref|NM\_001251984.1| Homo sapiens RCAN family member 3 (RCAN3), transcript variant 9, non-coding RNA; gi|354548827|ref|NR\_045405.1| Homo sapiens resistance to inhibitors of cholinesterase 3 homolog (C. elegans) (RITIC3), mRNA; gi|354548832|ref|NM\_024055.4| Homo sapiens solute carrier family 30 (zinc transporter), member 5 (SLC30A5), mRNA; gi|354548835|ref|NR\_045408.1| Homo sapiens RCAN3 antisense (RCAN3AS), transcript variant 1, antisense RNA; gi|354623002|ref|NR\_045370.1| Homo sapiens uncharacterized LOC100505815 (LOC100505815), non-coding RNA; gi|354623043|ref|NR\_038433.2| Homo sapiens long intergenic non-protein coding RNA 330 (LINC00330), non-coding RNA; gi|354623048|ref|NR\_045385.1| Homo sapiens uncharacterized LOC100507117 (LOC100507117), non-coding RNA; gi|354623057|ref|NR\_045406.1| Homo sapiens HIF1A antisense RNA 2 (non-protein coding) (HIF1A-AS2), antisense RNA; gi|354623064|ref|NR\_045414.1| Homo sapiens HTT antisense RNA 1 (non-protein coding) (HTT-AS1), antisense RNA; gi|354681975|ref|NM\_002215.3| Homo sapiens inter-alpha-trypsin inhibitor heavy chain 1 (ITIH1), transcript variant 1, mRNA; gi|354681979|ref|NM\_001251989.1| Homo sapiens geminin, DNA replication inhibitor (GMNN), transcript variant 1, mRNA; gi|354681986|ref|NM\_024809.4| Homo sapiens tectonic family member 2 (TCTN2), transcript variant 1, mRNA; gi|354681988|ref|NM\_032782.4| Homo sapiens hepatitis A virus cellular receptor 2 (HAVCR2), mRNA; gi|354681992|ref|NM\_001252007.1| Homo sapiens poly(A) polymerase alpha (PAPOLA), transcript variant 1, mRNA; gi|354681996|ref|NM\_001251973.1| Homo sapiens regulator of calcineurin 2 (RCAN2), transcript variant 3, non-coding RNA; gi|354682001|ref|NM\_001130527.2| Homo sapiens sperm associated antigen 9 (SPAG9), transcript variant 1, mRNA; gi|354682003|ref|NR\_045418.1| Homo sapiens A kinase (PRKA) interacting protein 1 (AKIP1), transcript variant 1, mRNA; gi|354682006|ref|NM\_006073.3| Homo sapiens triadin (TRDN), transcript variant 1, mRNA; gi|354721108|ref|NM\_001252010.1| Homo sapiens leucine zipper protein 2 (LUZP2), transcript variant 3, non-coding RNA; gi|354721146|ref|NM\_001252021.1| Homo sapiens torsin family 2, member A (TOR2A), transcript variant 7, non-coding RNA; gi|354721153|ref|NM\_001252024.1| Homo sapiens transient receptor potential cation channel, subfamily I, member 1 (TRPC1), mRNA; gi|354721180|ref|NM\_017924.3| Homo sapiens chromosome 14 open reading frame 119 (C14orf119), mRNA; gi|354721193|ref|NM\_004783.3| Homo sapiens TAO kinase 2 (TAOK2), transcript variant 2, mRNA; gi|354725900|ref|NM\_002868.3| Homo sapiens RAB5B, member RAS oncogene family (RAB5B), transcript variant 1, mRNA; gi|354725906|ref|NM\_201434.2| Homo sapiens RAB5C, member RAS oncogene family (RAB5C), transcript variant 1, mRNA; gi|35493724|ref|NM\_015243.2| Homo sapiens vacuolar protein sorting 13 homolog B (yeast) (VPS13B), transcript variant 1, mRNA; gi|35493732|ref|NM\_004531.3| Homo sapiens molybdenum cofactor synthesis 2 (MOCS2), transcript variant 1, mRNA; gi|35493773|ref|NM\_020358.2| Homo sapiens tripartite motif containing 49 (TRIM49), mRNA; gi|35493781|ref|NM\_015435.3| Homo sapiens ring finger protein 19A, E3 ubiquitin protein ligase (RNF19A), mRNA.

gi|35493898|ref|NM\_014012.4| Homo sapiens RAS (RAD and GEM)-like GTP-binding 1 (REM1), mRNA;

gi|35493938|ref|NM\_014731.2| Homo sapiens ProSAPiP1 protein (ProSAPiP1), mRNA;

gi|35493958|ref|NM\_130466.2| Homo sapiens ubiquitin protein ligase E3B (UBE3B), transcript variant 1, mRNA;

gi|354983498|ref|NM\_001252052.1| Homo sapiens protein-L-isoaspartate (D-aspartate) O-methyltransferase 1 (PIM1), mRNA;

gi|354983502|ref|NM\_003817.3| Homo sapiens ADAM metallopeptidase domain 7 (ADAM7), mRNA;

gi|354983503|ref|NM\_001252065.1| Homo sapiens synaptotagmin VII (SYT7), transcript variant 1, mRNA; gi|355330265|ref|NM\_001130012.2| Homo sapiens solute carrier family 9, subfamily A (NHE3, cation proton symporter), member 1 (NHE3), mRNA;

gi|355330278|ref|NM\_001252079.1| Homo sapiens ubiquitin specific peptidase 15 (USP15), transcript variant 1, mRNA;

gi|355390288|ref|NM\_012219.4| Homo sapiens muscle RAS oncogene homolog (MRAS), transcript variant 1, mRNA;

gi|355390309|ref|NR\_045481.1| Homo sapiens uncharacterized LOC644248 (LOC644248), non-coding RNA;

gi|355390314|ref|NM\_015356.4| Homo sapiens scribbled homolog (Drosophila) (SCRIB), transcript variant 1, mRNA;

gi|355390322|ref|NM\_001252100.1| Homo sapiens kinesin family member 21B (KIF21B), transcript variant 1, mRNA;

gi|355390350|ref|NM\_005130.4| Homo sapiens fibroblast growth factor binding protein 1 (FGFBP1), mRNA;

gi|355477263|ref|NM\_001252120.1| Homo sapiens PAS domain containing serine/threonine kinase (PASK), transcript variant 1, mRNA;

gi|355477271|ref|NM\_001252127.1| Homo sapiens adaptor-related protein complex 4, epsilon 1 subunit (AP4E), transcript variant 1, mRNA;

gi|355477274|ref|NM\_001252129.1| Homo sapiens LSM4 homolog, U6 small nuclear RNA associated (S. cerevisiae) (LSM4), transcript variant 1, mRNA;

gi|355477277|ref|NM\_006342.2| Homo sapiens transforming, acidic coiled-coil containing protein 3 (TACC3), transcript variant 1, mRNA;

gi|355528446|ref|NM\_014462.2| Homo sapiens LSM1 homolog, U6 small nuclear RNA associated (S. cerevisiae) (LSM1), transcript variant 1, mRNA;

gi|355594752|ref|NM\_001831.3| Homo sapiens clusterin (CLU), transcript variant 1, mRNA; gi|356106103|ref|NM\_001252150.1| Homo sapiens solute carrier family 39 (zinc transporter), member 9 (SLC39A9), transcript variant 1, mRNA;

gi|356460918|ref|NR\_045483.1| Homo sapiens fatty acid amide hydrolase pseudogene (LOC729041), non-coding RNA;

gi|356460919|ref|NR\_045484.1| Homo sapiens uncharacterized LOC646626 (LOC646626), non-coding RNA;

gi|356460933|ref|NR\_045486.1| Homo sapiens uncharacterized LOC100507600 (LOC100507600), non-coding RNA;

gi|356460970|ref|NM\_021177.4| Homo sapiens LSM2 homolog, U6 small nuclear RNA associated (S. cerevisiae) (LSM2), transcript variant 1, mRNA;

gi|356461000|ref|NM\_001252150.1| Homo sapiens solute carrier family 39 (zinc transporter), member 9 (SLC39A9), transcript variant 1, mRNA;

gi|356461014|ref|NM\_015465.4| Homo sapiens gem (nuclear organelle) associated protein 5 (GEMIN5), transcript variant 1, mRNA;

gi|356461037|ref|NM\_015510.4| Homo sapiens dehydrogenase/reductase (SDR family) member 7B (DHRS7B), transcript variant 1, mRNA;

gi|356461041|ref|NM\_014329.4| Homo sapiens enhancer of mRNA decapping 4 (EDC4), mRNA;

gi|356494782|ref|NM\_001018091.4| Homo sapiens GRINL1A complex locus 1 (GCOM1), transcript variant 1, mRNA;

gi|356582223|ref|NM\_001029883.2| Homo sapiens chromosome 2 open reading frame 71 (C2orf71), mRNA;

gi|356582231|ref|NM\_152416.3| Homo sapiens chromosome 8 open reading frame 38 (C8orf38), nuclear gene, transcript variant 1, mRNA;

gi|356582235|ref|NM\_020130.4| Homo sapiens chromosome 8 open reading frame 4 (C8orf4), mRNA;

gi|356582252|ref|NM\_001252195.1| Homo sapiens chromosome 9 open reading frame 24 (C9orf24), transcript variant 1, mRNA;

gi|356582272|ref|NM\_001252204.1| Homo sapiens complement component 4A (Rodgers blood group) (C4A), transcript variant 1, mRNA;

gi|356582279|ref|NM\_001034850.2| Homo sapiens family with sequence similarity 134, member B (FAM134B), transcript variant 1, mRNA;

gi|356582303|ref|NM\_001252216.1| Homo sapiens family with sequence similarity 19 (chemokine (C-C motif) receptor 1) (CCR1), transcript variant 1, mRNA;

gi|356582319|ref|NM\_178539.4| Homo sapiens family with sequence similarity 19 (chemokine (C-C motif) receptor 1) (CCR1), transcript variant 2, mRNA;

gi|356582334|ref|NM\_001252226.1| Homo sapiens polo-like kinase 2 (PLK2), transcript variant 2, mRNA; gi|356582343|ref|NM\_000723.4| Homo sapiens calcium channel, voltage-dependent, beta 1 subunit (CACNB1), transcript variant 1, mRNA;

gi|356582354|ref|NM\_001252231.1| Homo sapiens SEC24 family, member A (S. cerevisiae) (SEC24A), transcript variant 1, mRNA;

gi|356582356|ref|NM\_031966.3| Homo sapiens cyclin B1 (CCNB1), mRNA;

gi|356582394|ref|NM\_001005527.2| Homo sapiens family with sequence similarity 19 (chemokine (C-C motif) receptor 1) (CCR1), transcript variant 3, mRNA;

gi|356582412|ref|NM\_001234.4| Homo sapiens caveolin 3 (CAV3), transcript variant 2, mRNA; gi|2991159|ref|NM\_001252231.1| Homo sapiens SEC24 family, member A (S. cerevisiae) (SEC24A), transcript variant 2, mRNA;

gi|356582413|ref|NM\_004699.3| Homo sapiens family with sequence similarity 50, member A (FAM50A), non-coding RNA;

gi|356582431|ref|NM\_001240.3| Homo sapiens cyclin T1 (CCNT1), mRNA;

gi|356582446|ref|NM\_001252270.1| Homo sapiens family with sequence similarity 69, member A (FAM69A), transcript variant 1, mRNA;

gi|356582455|ref|NM\_006798.3| Homo sapiens UDP glucuronosyltransferase 2 family, polypeptide A1, non-coding RNA;

gi|356582496|ref|NM\_001252290.1| Homo sapiens tumor necrosis factor (ligand) superfamily, member 8 (TNFSF8), transcript variant 1, mRNA;

gi|356582511|ref|NM\_001246.3| Homo sapiens ectonucleoside triphosphate diphosphohydrolase 2 (ENTPD2), mRNA;  
 gi|356582512|ref|NM\_001252294.1| Homo sapiens SAM pointed domain containing ets transcription factor 1 (SPDCTE1), mRNA;  
 gi|356582517|ref|NM\_001806.3| Homo sapiens CCAAT/enhancer binding protein (C/EBP), gamma (CEBPG), mRNA;  
 gi|356640191|ref|NM\_001252328.1| Homo sapiens KIAA0319 (KIAA0319), transcript variant 6, mRNA; gi|256640200|ref|NM\_001242506.2| Homo sapiens guanine deaminase (GDA), transcript variant 3, mRNA;  
 gi|356640202|ref|NM\_001253.3| Homo sapiens CDC5 cell division cycle 5-like (S. pombe) (CDC5L), mRNA;  
 gi|356640220|ref|NM\_001252338.1| Homo sapiens cadherin 4, type 1, R-cadherin (retinal) (CDH4), transcript variant 1, mRNA;  
 gi|356640243|ref|NM\_005194.3| Homo sapiens CCAAT/enhancer binding protein (C/EBP), beta (CEBPB), mRNA;  
 gi|356640246|ref|NM\_001805.3| Homo sapiens CCAAT/enhancer binding protein (C/EBP), epsilon (CEBPE), mRNA;  
 gi|356874769|ref|NM\_001252335.1| Homo sapiens cingulin-like 1 (CGNL1), transcript variant 1, mRNA; gi|256874775|ref|NR\_045512.1| Homo sapiens Williams Beuren syndrome chromosome region 22 (WBSCR22), mRNA;  
 gi|356874776|ref|NM\_016585.4| Homo sapiens theg spermatid protein (THEG), transcript variant 1, mRNA;  
 gi|356874778|ref|NM\_014595.2| Homo sapiens 5', 3'-nucleotidase, cytosolic (NT5C), transcript variant 1, mRNA;  
 gi|356874783|ref|NM\_001252383.1| Homo sapiens glycoprotein hormones, alpha polypeptide (CGA), transcript variant 1, mRNA;  
 gi|356874794|ref|NM\_006058.4| Homo sapiens TNFAIP3 interacting protein 1 (TNIP1), transcript variant 5, mRNA;  
 gi|356874799|ref|NM\_000737.3| Homo sapiens chorionic gonadotropin, beta polypeptide (CGB), mRNA;  
 gi|356883060|ref|NM\_001823.4| Homo sapiens creatine kinase, brain (CKB), mRNA;  
 gi|356995851|ref|NM\_176875.3| Homo sapiens cholecystokinin B receptor (CCKBR), mRNA;  
 gi|357394889|ref|NM\_001252507.1| Homo sapiens chromosome 14 open reading frame 132 (C14orf132), mRNA;  
 gi|357394955|ref|NM\_001252402.1| Homo sapiens uncharacterized LOC340393 (C8ORFK29), transcript variant 1, mRNA;  
 gi|357430763|ref|NR\_045525.1| Homo sapiens zinc finger protein 724, pseudogene (ZNF724P), non-coding RNA;  
 gi|357430767|ref|NR\_045529.1| Homo sapiens FLJ00317 protein (LOC390660), non-coding RNA;  
 gi|357430780|ref|NM\_003101.5| Homo sapiens sterol O-acyltransferase 1 (SOAT1), nuclear gene encoding protein, mRNA;  
 gi|357430791|ref|NM\_003142.4| Homo sapiens Sjogren syndrome antigen B (autoantigen La) (SSB), mRNA;  
 gi|357588508|ref|NM\_001828.5| Homo sapiens Charcot-Leyden crystal protein (CLC), mRNA;  
 gi|357588515|ref|NM\_001252598.1| Homo sapiens colipase, pancreatic (CLPS), transcript variant 3, mRNA;  
 gi|357933593|ref|NM\_001252607.1| Homo sapiens thrombospondin 3 (THBS3), transcript variant 2, mRNA;  
 gi|357933599|ref|NM\_014497.4| Homo sapiens zinc finger protein 638 (ZNF638), transcript variant 1, mRNA;  
 gi|357933620|ref|NM\_001252619.1| Homo sapiens lipocalin 1 (LCN1), transcript variant 4, mRNA; gi|357933638|ref|NR\_045555.1| Homo sapiens ectonucleotide pyrophosphatase/phosphodiesterase 2 (ENTPD2), mRNA;  
 gi|357933640|ref|NM\_001252624.1| Homo sapiens solute carrier family 8 (sodium/calcium exchanger), member 1 (SLC8A1), mRNA;  
 gi|358001056|ref|NM\_001252634.1| Homo sapiens thyroid hormone receptor, beta (THRB), transcript variant 1, mRNA;  
 gi|358001076|ref|NM\_001252641.1| Homo sapiens URI1, prefoldin-like chaperone (URI1), transcript variant 1, mRNA;  
 gi|358001100|ref|NM\_001252650.1| Homo sapiens retinol dehydrogenase 11 (all-trans/9-cis/11-cis) (RDH11), mRNA;  
 gi|358008164|ref|NM\_004182.3| Homo sapiens ubiquitously-expressed, prefoldin-like chaperone (UXT), transcript variant 1, mRNA;  
 gi|358030284|ref|NM\_001195728.2| Homo sapiens solute carrier family 1 (glial high affinity glutamate transporter) (SLC1A3), mRNA;  
 gi|358030298|ref|NM\_001252657.1| Homo sapiens protein phosphatase 2C-like domain containing 1 (PP2L1), mRNA;  
 gi|358030326|ref|NM\_001252669.1| Homo sapiens GULP, engulfment adaptor PTB domain containing 1 (GULP1), mRNA;  
 gi|358248210|ref|NM\_001252676.1| Homo sapiens acyl-CoA synthetase short-chain family member 1 (ACSF1), mRNA;  
 gi|358248251|ref|NR\_045564.1| Homo sapiens activating signal cointegrator 1 complex subunit 1 (ASCC1), mRNA;  
 gi|358248280|ref|NR\_045565.1| Homo sapiens Bardet-Biedl syndrome 4 (BBS4), transcript variant 3, non-coding RNA;  
 gi|358356406|ref|NM\_001253384.1| Homo sapiens ribosomal protein L15 (RPL15), transcript variant 6, mRNA;  
 gi|358356426|ref|NM\_005424.4| Homo sapiens tyrosine kinase with immunoglobulin-like and EGF-like domains 1 (TYROBP), mRNA;  
 gi|358356430|ref|NM\_016823.3| Homo sapiens v-crk sarcoma virus CT10 oncogene homolog (avian) (CRK), mRNA;  
 gi|358438238|ref|NM\_001177636.2| Homo sapiens dystroglycan 1 (dystrophin-associated glycoprotein 1) (DAGP1), mRNA;  
 gi|358438314|ref|NM\_001253388.1| Homo sapiens cell adhesion molecule with homology to L1CAM (close homolog of L1) (CEM1), mRNA;  
 gi|358438340|ref|NR\_045573.1| Homo sapiens inositol-3-phosphate synthase 1 (ISYNA1), transcript variant 1, mRNA

gi|358439408|ref|NM\_001253676.1| Homo sapiens TBP-like 1 (TBPL1), transcript variant 1, mRNA; gi|3584  
 gi|358679293|ref|NM\_001170414.2| Homo sapiens tight junction protein 2 (zona occludens 2) (TJP2), trans  
 gi|358679301|ref|NM\_018298.10| Homo sapiens mucolin 3 (MCOLN3), transcript variant 1, mRNA; gi|35  
 gi|358679313|ref|NM\_018695.3| Homo sapiens erbb2 interacting protein (ERBB2IP), transcript variant 2, m  
 gi|358679320|ref|NM\_018646.3| Homo sapiens transient receptor potential cation channel, subfamily V, m  
 gi|358679335|ref|NM\_020223.3| Homo sapiens family with sequence similarity 20, member C (FAM20C), n  
 gi|358679341|ref|NM\_175077.2| Homo sapiens Src-like-adaptor 2 (SLA2), transcript variant 2, mRNA; gi|35  
 gi|358679345|ref|NM\_138769.2| Homo sapiens ras homolog family member T2 (RHOT2), nuclear gene enc  
 gi|359279857|ref|NM\_024507.3| Homo sapiens kringle containing transmembrane protein 2 (KREMEN2), ti  
 gi|359279887|ref|NR\_045581.1| Homo sapiens relaxin/insulin-like family peptide receptor 1 (RXFP1), trans  
 gi|359279899|ref|NM\_152997.3| Homo sapiens follicular dendritic cell secreted protein (FDCSP), mRNA;  
 gi|359279909|ref|NM\_020663.4| Homo sapiens ras homolog family member J (RHOJ), mRNA;  
 gi|359279926|ref|NM\_001253748.1| Homo sapiens C-type lectin-like 1 (CLECL1), transcript variant 2, mRN  
 gi|359279928|ref|NR\_045585.1| Homo sapiens stromal cell-derived factor 2 (SDF2), transcript variant 2, no  
 gi|359279944|ref|NM\_001048241.2| Homo sapiens ubiquitin-like 5 (UBL5), transcript variant 2, mRNA; gi|1  
 gi|359279960|ref|NM\_172037.4| Homo sapiens retinol dehydrogenase 10 (all-trans) (RDH10), mRNA;  
 gi|359338966|ref|NR\_045586.1| Homo sapiens steroid receptor RNA activator 1 (SRA1), transcript variant 3  
 gi|359338972|ref|NM\_031452.3| Homo sapiens family with sequence similarity 103, member A1 (FAM103/  
 gi|359338976|ref|NR\_033397.4| Homo sapiens protein arginine methyltransferase 1 (PRMT1), transcript va  
 gi|359338993|ref|NM\_001253772.1| Homo sapiens synaptotagmin VI (SYT6), transcript variant 1, mRNA; gi  
 gi|359338995|ref|NM\_022662.3| Homo sapiens anaphase promoting complex subunit 1 (ANAPC1), mRNA;  
 gi|359339004|ref|NM\_001253775.1| Homo sapiens cAMP responsive element binding protein 3-like 2 (CRE  
 gi|359385687|ref|NM\_001253799.1| Homo sapiens zinc finger protein 331 (ZNF331), transcript variant 5, n  
 gi|359385701|ref|NM\_020672.2| Homo sapiens S100 calcium binding protein A14 (S100A14), mRNA;  
 gi|359385707|ref|NM\_001200049.2| Homo sapiens tetratricopeptide repeat domain 40 (TTC40), mRNA; gi  
 gi|359385720|ref|NM\_001253790.1| Homo sapiens uncharacterized LOC440335 (LOC440335), transcript va  
 gi|359385724|ref|NM\_001253792.1| Homo sapiens zinc finger protein 444 (ZNF444), transcript variant 2, n  
 gi|359465521|ref|NR\_045597.1| Homo sapiens phosphodiesterase 10A (PDE10A), transcript variant 2, non-  
 gi|359465530|ref|NM\_148178.2| Homo sapiens ribonuclease P/MRP 25kDa subunit-like (RPP25L), transcrip  
 gi|359465550|ref|NR\_045600.1| Homo sapiens solute carrier family 52, riboflavin transporter, member 2 (S  
 gi|359465571|ref|NM\_001253823.1| Homo sapiens biliverdin reductase A (BLVRA), transcript variant 2, mR  
 gi|359465581|ref|NM\_024572.3| Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetyl  
 gi|359465587|ref|NM\_152422.4| Homo sapiens protein tyrosine phosphatase domain containing 1 (PTPDC  
 gi|359465606|ref|NM\_001553.2| Homo sapiens insulin-like growth factor binding protein 7 (IGFBP7), trans  
 gi|359718908|ref|NM\_016390.3| Homo sapiens chromosome 9 open reading frame 114 (C9orf114), mRNA  
 gi|359718911|ref|NM\_001109662.3| Homo sapiens chromosome 12 open reading frame 51 (C12orf51), mR  
 gi|359718918|ref|NM\_024504.3| Homo sapiens PR domain containing 14 (PRDM14), mRNA;  
 gi|359718925|ref|NM\_001253845.1| Homo sapiens adrenomedullin 2 (ADM2), transcript variant 2, mRNA;  
 gi|359718933|ref|NM\_001253846.1| Homo sapiens GDP-mannose 4,6-dehydratase (GMDS), transcript vari  
 gi|359718945|ref|NR\_045603.1| Homo sapiens V-set domain containing T cell activation inhibitor 1 (VTCN1  
 gi|359718952|ref|NM\_001253854.1| Homo sapiens sperm associated antigen 6 (SPAG6), transcript variant  
 gi|359718967|ref|NM\_021942.5| Homo sapiens trafficking protein particle complex 11 (TRAPPC11), transcr  
 gi|359718972|ref|NM\_032117.3| Homo sapiens meiotic nuclear divisions 1 homolog (S. cerevisiae) (MND1)  
 gi|359718986|ref|NM\_001253866.1| Homo sapiens YME1-like 1 (S. cerevisiae) (YME1L1), nuclear gene enc  
 gi|359751372|ref|NM\_001143957.2| Homo sapiens G protein-coupled receptor 63 (GPR63), transcript vari  
 gi|359751373|ref|NM\_018998.3| Homo sapiens F-box and WD repeat domain containing 5 (FBXW5), mRNA  
 gi|359751385|ref|NM\_015542.3| Homo sapiens UPF2 regulator of nonsense transcripts homolog (yeast) (U

gi|359751386|ref|NM\_024555.4| Homo sapiens F-box and leucine-rich repeat protein 6 (FBXL6), transcript

gi|359751395|ref|NM\_001354.5| Homo sapiens aldo-keto reductase family 1, member C2 (dihydrodiol dehydrogenase 2) (AKR1C2), mRNA;

gi|359751466|ref|NR\_045607.1| Homo sapiens UDP-glucuronate decarboxylase 1 (UXS1), transcript variant 1, mRNA;

gi|359751478|ref|NM\_001253881.1| Homo sapiens mediator complex subunit 27 (MED27), transcript variant 1, mRNA;

gi|359806522|ref|NM\_001253891.1| Homo sapiens diacylglycerol O-acyltransferase 2 (DGAT2), transcript variant 1, mRNA;

gi|359806821|ref|NM\_177524.2| Homo sapiens mesoderm specific transcript homolog (mouse) (MEST), transcript variant 1, mRNA;

gi|359806939|ref|NM\_001253852.1| Homo sapiens adaptor-related protein complex 4, beta 1 subunit (AP4B1), mRNA;

gi|359806986|ref|NM\_003739.5| Homo sapiens aldo-keto reductase family 1, member C3 (3-alpha hydroxy-3-methylglutaryl-CoA reductase) (AKR1C3), mRNA;

gi|359807058|ref|NM\_001253915.1| Homo sapiens TBC1 (tre-2/USP6, BUB2, cdc16) domain family, member 1 (TBC1D1), mRNA;

gi|359807117|ref|NR\_045609.1| Homo sapiens KIN, antigenic determinant of recA protein homolog (mouse) (KIN), mRNA;

gi|359807166|ref|NM\_032015.4| Homo sapiens ring finger protein 26 (RNF26), mRNA;

gi|360039204|ref|NM\_001008215.2| Homo sapiens cytochrome C oxidase assembly factor 5 (COA5), mRNA;

gi|360039210|ref|NR\_045612.1| Homo sapiens vomeronasal 1 receptor 10 pseudogene (VN1R10P), non-coding RNA;

gi|360039214|ref|NM\_206820.2| Homo sapiens myosin binding protein C, slow type (MYBPC1), transcript variant 1, mRNA;

gi|360039229|ref|NM\_003676.3| Homo sapiens delta(4)-desaturase, sphingolipid 1 (DEGS1), mRNA;

gi|36030882|ref|NM\_020640.2| Homo sapiens DCN1, defective in cullin neddylation 1, domain containing 1 (DCN1), mRNA;

gi|36030972|ref|NM\_181713.3| Homo sapiens UBX domain protein 2A (UBXN2A), mRNA;

gi|36030993|ref|NM\_020177.2| Homo sapiens fem-1 homolog c (C. elegans) (FEM1C), mRNA;

gi|36031015|ref|NM\_018017.2| Homo sapiens chromosome 10 open reading frame 118 (C10orf118), mRNA;

gi|36031099|ref|NM\_005185.2| Homo sapiens calmodulin-like 3 (CALML3), mRNA;

gi|36054052|ref|NM\_001446.3| Homo sapiens fatty acid binding protein 7, brain (FABP7), mRNA;

gi|361050331|ref|NM\_001254726.1| Homo sapiens adaptor-related protein complex 4, sigma 1 subunit (AP4S1), mRNA;

gi|361050341|ref|NM\_015175.2| Homo sapiens neurobeachin-like 2 (NBEAL2), mRNA;

gi|361050351|ref|NM\_033125.3| Homo sapiens solute carrier family 22 (organic cation/carnitine transporters) member 1 (SLC22A1), mRNA;

gi|361050352|ref|NM\_001254733.1| Homo sapiens sperm antigen with calponin homology and coiled-coil domain (SPAG16), mRNA;

gi|361050360|ref|NR\_045617.1| Homo sapiens small muscle protein, X-linked (SMPX), transcript variant 2, mRNA;

gi|361050361|ref|NM\_001254734.1| Homo sapiens transglutaminase 6 (TGM6), transcript variant 2, mRNA;

gi|36287109|ref|NM\_194429.1| Homo sapiens FGFR1 oncogene partner (FGFR1OP), transcript variant 2, mRNA;

gi|36287129|ref|NM\_022497.3| Homo sapiens mitochondrial ribosomal protein S25 (MRPS25), nuclear gene, transcript variant 1, mRNA;

gi|362999006|ref|NR\_045620.1| Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 1 (ND1AF1), mRNA;

gi|362999010|ref|NM\_016097.4| Homo sapiens immediate early response 3 interacting protein 1 (IER3IP1), mRNA;

gi|362999012|ref|NM\_199166.2| Homo sapiens aminolevulinate, delta-, synthase 1 (ALAS1), nuclear gene, transcript variant 1, mRNA;

gi|362999014|ref|NM\_017813.4| Homo sapiens inositol monophosphatase domain containing 1 (IMPAD1), mRNA;

gi|362999084|ref|NM\_001254738.1| Homo sapiens Rho family GTPase 3 (RND3), transcript variant 1, mRNA;

gi|362999609|ref|NM\_001130016.2| Homo sapiens ADP-ribosyltransferase 3 (ART3), transcript variant 1, mRNA;

gi|363000042|ref|NM\_001197224.2| Homo sapiens brain expressed, associated with NEDD4, 1 (BEAN1), transcript variant 1, mRNA;

gi|363000057|ref|NM\_001254741.1| Homo sapiens parvin, gamma (PARVG), transcript variant 4, mRNA; gi|363000333|ref|NM\_194449.3| Homo sapiens PH domain and leucine rich repeat protein phosphatase 1 (PPP1R1), mRNA;

gi|363001612|ref|NR\_045630.1| Homo sapiens regulator of G-protein signaling 5 (RGS5), transcript variant 1, mRNA;

gi|363498928|ref|NM\_001254752.1| Homo sapiens ubiquinol-cytochrome c reductase binding protein (UQCRCB), mRNA;

gi|363543312|ref|NR\_045632.1| Homo sapiens NFU1 iron-sulfur cluster scaffold homolog (S. cerevisiae) (NFU1), mRNA;

gi|363543318|ref|NR\_045637.1| Homo sapiens BOLA3 antisense RNA 1 (non-protein coding) (BOLA3-AS1), non-coding RNA;

gi|363543320|ref|NM\_006725.4| Homo sapiens CD6 molecule (CD6), transcript variant 1, mRNA; gi|363543321|ref|NM\_006725.4| Homo sapiens CD6 molecule (CD6), transcript variant 2, mRNA;

gi|363543328|ref|NM\_018355.3| Homo sapiens zinc finger protein 415 (ZNF415), transcript variant 2, mRNA;

gi|363543332|ref|NM\_199077.2| Homo sapiens cyclin M2 (CNNM2), transcript variant 3, mRNA; gi|363543333|ref|NM\_199077.2| Homo sapiens cyclin M2 (CNNM2), transcript variant 4, mRNA;

gi|363543334|ref|NM\_145178.3| Homo sapiens atonal homolog 7 (Drosophila) (ATOH7), mRNA;

gi|363543343|ref|NM\_133468.4| Homo sapiens BMP binding endothelial regulator (BMPER), mRNA;

gi|363543344|ref|NM\_006278.2| Homo sapiens ST3 beta-galactoside alpha-2,3-sialyltransferase 4 (ST3GAL4), transcript variant 1, mRNA;  
 gi|363807358|ref|NM\_001135998.2| Homo sapiens NADH dehydrogenase (ubiquinone) 1 beta subcomplex 1 (ND1), transcript variant 1, mRNA;  
 gi|363807393|ref|NM\_001254952.1| Homo sapiens alpha tubulin acetyltransferase 1 (ATAT1), transcript variant 1, mRNA;  
 gi|363808411|ref|NM\_001254949.1| Homo sapiens SWI/SNF-related, matrix-associated actin-dependent regulator of cortical actin dynamics protein 1 (SRAR1), transcript variant 1, mRNA;  
 gi|364023779|ref|NM\_145046.4| Homo sapiens calreticulin 3 (CALR3), mRNA;  
 gi|364023799|ref|NR\_045649.1| Homo sapiens piwi-like 3 (Drosophila) (PIWIL3), transcript variant 4, non-coding RNA;  
 gi|364023811|ref|NM\_001255976.1| Homo sapiens prostate transmembrane protein, androgen induced 1 (PTPAP1), transcript variant 1, mRNA;  
 gi|364023815|ref|NM\_020745.3| Homo sapiens alanyl-tRNA synthetase 2, mitochondrial (putative) (AARS2), transcript variant 1, mRNA;  
 gi|364023822|ref|NM\_130898.3| Homo sapiens cAMP responsive element binding protein 3-like 4 (CREB3L4), transcript variant 1, mRNA;  
 gi|364023823|ref|NM\_020812.3| Homo sapiens dedicator of cytokinesis 6 (DOCK6), mRNA;  
 gi|364502952|ref|NM\_001255988.1| Homo sapiens collectin sub-family member 11 (COLEC11), transcript variant 1, mRNA;  
 gi|364502962|ref|NM\_024513.3| Homo sapiens FYVE and coiled-coil domain containing 1 (FYCO1), mRNA;  
 gi|364502970|ref|NM\_032040.4| Homo sapiens coiled-coil domain containing 8 (CCDC8), mRNA;  
 gi|364502976|ref|NM\_001194958.2| Homo sapiens potassium inwardly-rectifying channel, subfamily J, member 1 (KCNKJ1), transcript variant 1, mRNA;  
 gi|365192531|ref|NM\_001256012.1| Homo sapiens myosin, heavy chain 10, non-muscle (MYH10), transcript variant 1, mRNA;  
 gi|365192540|ref|NM\_001256015.1| Homo sapiens PSMC3 interacting protein (PSMC3IP), transcript variant 1, mRNA;  
 gi|365192547|ref|NM\_001256017.1| Homo sapiens glycoprotein VI (platelet) (GP6), transcript variant 3, mRNA;  
 gi|365192549|ref|NR\_024347.2| Homo sapiens long intergenic non-protein coding RNA 304 (LINC00304), non-coding RNA;  
 gi|365192551|ref|NM\_006901.3| Homo sapiens myosin IXA (MYO9A), mRNA;  
 gi|365192567|ref|NM\_001146262.2| Homo sapiens synaptotagmin XIV (SYT14), transcript variant 3, mRNA;  
 gi|365192574|ref|NM\_001256008.1| Homo sapiens patatin-like phospholipase domain containing 8 (PNPLA8), transcript variant 1, mRNA;  
 gi|365733562|ref|NR\_045673.1| Homo sapiens chloride intracellular channel 5 (CLIC5), transcript variant 5, non-coding RNA;  
 gi|365733573|ref|NR\_045675.1| Homo sapiens Rho GTPase activating protein 22 (ARHGAP22), transcript variant 1, mRNA;  
 gi|365733583|ref|NM\_021803.3| Homo sapiens interleukin 21 (IL21), transcript variant 1, mRNA; gi|365733584|ref|NR\_045676.1| Homo sapiens interleukin 21 (IL21), transcript variant 2, non-coding RNA;  
 gi|365733588|ref|NR\_045677.1| Homo sapiens defensin, beta 122 (pseudogene) (DEFB122), non-coding RNA;  
 gi|365733591|ref|NM\_001778.3| Homo sapiens CD48 molecule (CD48), transcript variant 1, mRNA; gi|365733592|ref|NR\_027183.2| Homo sapiens uncharacterized LOC729678 (LOC729678), transcript variant 1, non-coding RNA;  
 gi|365733592|ref|NR\_027183.2| Homo sapiens uncharacterized LOC729678 (LOC729678), transcript variant 1, non-coding RNA;  
 gi|365733597|ref|NR\_045680.1| Homo sapiens uncharacterized LOC100859930 (LOC100859930), non-coding RNA;  
 gi|365733598|ref|NR\_037885.2| Homo sapiens uncharacterized LOC100287010 (LOC100287010), non-coding RNA;  
 gi|365733602|ref|NM\_001040451.2| Homo sapiens RUN and FYVE domain containing 1 (RUFY1), transcript variant 1, mRNA;  
 gi|365733617|ref|NR\_045684.1| Homo sapiens myosin IIIB (MYO3B), transcript variant 5, non-coding RNA;  
 gi|365733618|ref|NM\_001546.3| Homo sapiens inhibitor of DNA binding 4, dominant negative helix-loop-helix protein 1 (ID4), transcript variant 1, mRNA;  
 gi|365733630|ref|NM\_005379.3| Homo sapiens myosin IA (MYO1A), transcript variant 2, mRNA; gi|365733631|ref|NR\_045685.1| Homo sapiens myosin IA (MYO1A), transcript variant 3, non-coding RNA;  
 gi|365733633|ref|NM\_181526.2| Homo sapiens myosin, light chain 9, regulatory (MYL9), transcript variant 1, mRNA;  
 gi|365777409|ref|NM\_006219.2| Homo sapiens phosphoinositide-3-kinase, catalytic, beta polypeptide (PIK3CB), transcript variant 1, mRNA;  
 gi|365777415|ref|NM\_001256047.1| Homo sapiens chromosome 19 open reading frame 12 (C19orf12), transcript variant 1, mRNA;  
 gi|365777426|ref|NM\_003118.3| Homo sapiens secreted protein, acidic, cysteine-rich (osteonectin) (SPARC), transcript variant 1, mRNA;  
 gi|365777428|ref|NM\_006360.4| Homo sapiens eukaryotic translation initiation factor 3, subunit M (EIF3M), transcript variant 1, mRNA;  
 gi|365812512|ref|NR\_045697.1| Homo sapiens uncharacterized LOC100652759 (LOC100652759), non-coding RNA;  
 gi|365812516|ref|NM\_025212.2| Homo sapiens CXXC finger protein 4 (CXXC4), mRNA;  
 gi|365812531|ref|NM\_001009984.2| Homo sapiens chromosome 20 open reading frame 194 (C20orf194), transcript variant 1, mRNA;  
 gi|365906242|ref|NM\_018325.3| Homo sapiens chromosome 9 open reading frame 72 (C9orf72), transcript variant 1, mRNA;  
 gi|365906260|ref|NR\_045720.1| Homo sapiens mannosidase, alpha, class 1B, member 1 (MAN1B1), transcript variant 1, mRNA;  
 gi|365906280|ref|NR\_045724.1| Homo sapiens clathrin, light chain B (CLTB), transcript variant 3, non-coding RNA;  
 gi|365906281|ref|NR\_045725.1| Homo sapiens uncharacterized LOC100652846 (LOC100652846), non-coding RNA;  
 gi|365906284|ref|NM\_001836.3| Homo sapiens chymase 1, mast cell (CMA1), mRNA;  
 gi|366039927|ref|NM\_000495.4| Homo sapiens collagen, type IV, alpha 5 (COL4A5), transcript variant 1, mRNA

gi|366039929|ref|NM\_001127240.2| Homo sapiens BCL2 binding component 3 (BBC3), transcript variant 1,  
gi|366039950|ref|NM\_001256064.1| Homo sapiens contactin 1 (CNTN1), transcript variant 4, mRNA; gi|366039969|ref|NM\_001256067.1| Homo sapiens NADPH oxidase activator 1 (NOXA1), transcript variant  
gi|366039977|ref|NM\_020954.3| Homo sapiens ring finger protein 213 (RNF213), transcript variant 2, mRNA  
gi|366392934|ref|NM\_001850.4| Homo sapiens collagen, type VIII, alpha 1 (COL8A1), transcript variant 1, n  
gi|366392939|ref|NM\_198721.2| Homo sapiens collagen, type XXV, alpha 1 (COL25A1), transcript variant 1  
gi|366393019|ref|NR\_039983.2| Homo sapiens uncharacterized LOC729737 (LOC729737), non-coding RNA,  
gi|366393043|ref|NM\_004373.3| Homo sapiens cytochrome c oxidase subunit VIa polypeptide 1 (COX6A1),  
gi|366393093|ref|NM\_001114118.2| Homo sapiens chromosome 17 open reading frame 85 (C17orf85), m  
gi|366393202|ref|NM\_152606.4| Homo sapiens zinc finger protein 540 (ZNF540), transcript variant 2, mRNA  
gi|366393295|ref|NR\_002752.2| Homo sapiens RNA, U6 small nuclear 2 (RNU6-2), small nuclear RNA;  
gi|367145067|ref|NM\_001256088.1| Homo sapiens chromosome 11 open reading frame 45 (C11orf45), tra  
gi|367460077|ref|NM\_144617.2| Homo sapiens heat shock protein, alpha-crystallin-related, B6 (HSPB6), m  
gi|368711265|ref|NR\_045762.1| Homo sapiens kallikrein-related peptidase 2 (KLK2), transcript variant 4, n  
gi|368711268|ref|NM\_001256090.1| Homo sapiens activating transcription factor 2 (ATF2), transcript varia  
gi|368711281|ref|NM\_004998.3| Homo sapiens myosin IE (MYO1E), mRNA;  
gi|368711291|ref|NM\_001256099.1| Homo sapiens collagen triple helix repeat containing 1 (CTHRC1), tran  
gi|368711312|ref|NM\_001256109.1| Homo sapiens CD101 molecule (CD101), transcript variant 3, mRNA; g  
gi|368711323|ref|NM\_001256113.1| Homo sapiens chromosome 8 open reading frame 42 (C8orf42), trans  
gi|369511195|ref|NM\_001332.2| Homo sapiens catenin (cadherin-associated protein), delta 2 (neural plakog  
gi|37059725|ref|NM\_025196.2| Homo sapiens GrpE-like 1, mitochondrial (E. coli) (GRPEL1), nuclear gene e  
gi|37059727|ref|NM\_032353.2| Homo sapiens vacuolar protein sorting 25 homolog (S. cerevisiae) (VPS25),  
gi|37059734|ref|NM\_006002.3| Homo sapiens ubiquitin carboxyl-terminal esterase L3 (ubiquitin thiolester;  
gi|37059738|ref|NM\_138792.2| Homo sapiens Leo1, Paf1/RNA polymerase II complex component, homolo  
gi|37059739|ref|NM\_138796.2| Homo sapiens spermatogenesis associated 17 (SPATA17), mRNA;  
gi|37059750|ref|NM\_144602.2| Homo sapiens chromosome 16 open reading frame 78 (C16orf78), mRNA;  
gi|37059752|ref|NM\_145006.2| Homo sapiens sushi domain containing 3 (SUSD3), mRNA;  
gi|37059769|ref|NM\_153361.2| Homo sapiens serine/threonine-protein kinase NIM1 (NIM1), mRNA;  
gi|37059793|ref|NM\_145028.3| Homo sapiens armadillo repeat containing 12 (ARMC12), mRNA;  
gi|37059797|ref|NM\_030935.3| Homo sapiens TSC22 domain family, member 4 (TSC22D4), mRNA;  
gi|371121600|ref|NM\_001256119.1| Homo sapiens N(alpha)-acetyltransferase 10, NatA catalytic subunit (N  
gi|371122032|ref|NM\_022753.3| Homo sapiens S100P binding protein (S100PBP), transcript variant 1, mRN  
gi|371122550|ref|NM\_001256124.1| Homo sapiens tripartite motif containing 65 (TRIM65), transcript varia  
gi|371122598|ref|NM\_001256126.1| Homo sapiens ceramide synthase 6 (CERS6), transcript variant 1, mRN  
gi|371122873|ref|NR\_045786.1| Homo sapiens uncharacterized LOC100861402 (LOC100861402), transcrip  
gi|371123104|ref|NM\_153456.3| Homo sapiens heparan sulfate 6-O-sulfotransferase 3 (HS6ST3), mRNA;  
gi|371123152|ref|NM\_001256127.1| Homo sapiens NOP2/Sun domain family, member 4 (NSUN4), transcri  
gi|371123784|ref|NM\_138795.3| Homo sapiens ADP-ribosylation factor-like 8A (ARL8A), transcript variant  
gi|371123930|ref|NM\_175060.2| Homo sapiens C-type lectin domain family 14, member A (CLEC14A), mRN  
gi|371502086|ref|NM\_001256105.1| Homo sapiens wingless-type MMTV integration site family, member 5  
gi|371502105|ref|NM\_001256134.1| Homo sapiens protein Z, vitamin K-dependent plasma glycoprotein (P  
gi|371502110|ref|NM\_001316.3| Homo sapiens CSE1 chromosome segregation 1-like (yeast) (CSE1L), trans  
gi|371502116|ref|NM\_001126113.2| Homo sapiens tumor protein p53 (TP53), transcript variant 4, mRNA;  
gi|371502124|ref|NM\_001256139.1| Homo sapiens capping protein (actin filament), gelsolin-like (CAPG), tr  
gi|371502128|ref|NM\_000758.3| Homo sapiens colony stimulating factor 2 (granulocyte-macrophage) (CSF  
gi|371502129|ref|NM\_000100.3| Homo sapiens cystatin B (stefin B) (CSTB), mRNA;  
gi|371502130|ref|NM\_001256141.1| Homo sapiens fibrinogen silencer binding protein (FSBP), mRNA;



gi|371872693|ref|NM\_001256160.1| Homo sapiens activating transcription factor 7 interacting protein 2 (A

gi|371872751|ref|NM\_019026.4| Homo sapiens transmembrane and coiled-coil domains 1 (TMCO1), transc

gi|371873114|ref|NM\_000766.4| Homo sapiens cytochrome P450, family 2, subfamily A, polypeptide 13 (C

gi|371873248|ref|NM\_003216.3| Homo sapiens thyrotrophic embryonic factor (TEF), transcript variant 1, n

gi|371873394|ref|NM\_001256168.1| Homo sapiens zinc finger protein 620 (ZNF620), transcript variant 3, n

gi|371873729|ref|NM\_001256173.1| Homo sapiens zinc finger protein 85 (ZNF85), transcript variant 4, mRI

gi|371874149|ref|NM\_001347.3| Homo sapiens diacylglycerol kinase, theta 110kDa (DGKQ), mRNA;

gi|371874305|ref|NM\_001256182.1| Homo sapiens ankyrin repeat domain 11 (ANKRD11), transcript varian

gi|371874641|ref|NM\_001256187.1| Homo sapiens sorting nexin 12 (SNX12), transcript variant 4, mRNA; g

gi|371874755|ref|NM\_033195.2| Homo sapiens lactate dehydrogenase A-like 6B (LDHAL6B), mRNA;

gi|371875333|ref|NM\_013374.5| Homo sapiens programmed cell death 6 interacting protein (PDCD6IP), tr

gi|371875636|ref|NM\_182919.3| Homo sapiens toll-like receptor adaptor molecule 1 (TICAM1), mRNA;

gi|371875716|ref|NM\_001654.4| Homo sapiens v-raf murine sarcoma 3611 viral oncogene homolog (ARAF

gi|371877526|ref|NM\_000698.3| Homo sapiens arachidonate 5-lipoxygenase (ALOX5), transcript variant 1,

gi|371940856|ref|NM\_001256238.1| Homo sapiens post-GPI attachment to proteins 2 (PGAP2), transcript v

gi|371940886|ref|NR\_045862.1| Homo sapiens armadillo repeat containing, X-linked 4 (ARMCX4), transcrip

gi|371940933|ref|NM\_080918.2| Homo sapiens deoxyguanosine kinase (DGUOK), nuclear gene encoding n

gi|371940937|ref|NM\_001256213.1| Homo sapiens ATPase, Na<sup>+</sup>/K<sup>+</sup> transporting, alpha 3 polypeptide (ATP

gi|371940993|ref|NM\_022552.4| Homo sapiens DNA (cytosine-5-)-methyltransferase 3 alpha (DNMT3A), tr

gi|371941004|ref|NM\_000101.3| Homo sapiens cytochrome b-245, alpha polypeptide (CYBA), mRNA;

gi|37202115|ref|NM\_181646.2| Homo sapiens zinc finger protein 804B (ZNF804B), mRNA;

gi|372220096|ref|NM\_001256267.1| Homo sapiens myopalladin (MYPN), transcript variant 4, mRNA; gi|37

gi|372266074|ref|NM\_001974.4| Homo sapiens egf-like module containing, mucin-like, hormone receptor-

gi|372266125|ref|NM\_002018.3| Homo sapiens flightless I homolog (Drosophila) (FLII), transcript variant 1,

gi|372266134|ref|NM\_001256266.1| Homo sapiens intermediate filament tail domain containing 1 (IFLTD1

gi|372266144|ref|NM\_007317.2| Homo sapiens kinesin family member 22 (KIF22), transcript variant 1, mRI

gi|372266162|ref|NR\_045948.1| Homo sapiens visual system homeobox 1 (VSX1), transcript variant 5, non-

gi|372266174|ref|NM\_001256279.1| Homo sapiens zinc finger protein 26 (ZNF26), transcript variant 1, mRI

gi|372266179|ref|NM\_001256281.1| Homo sapiens nine-amino acid residue-repeats (NARR), mRNA;

gi|372266182|ref|NM\_001005373.3| Homo sapiens leucine rich repeat and sterile alpha motif containing 1

gi|372266187|ref|NM\_005786.5| Homo sapiens teashirt zinc finger homeobox 1 (TSHZ1), mRNA;

gi|372266189|ref|NM\_001388.4| Homo sapiens developmentally regulated GTP binding protein 2 (DRG2), r

gi|372461121|ref|NM\_080819.4| Homo sapiens G protein-coupled receptor 78 (GPR78), transcript variant :

gi|372466569|ref|NR\_037451.1| Homo sapiens microRNA 3680-1 (MIR3680-1), microRNA;

gi|372466576|ref|NM\_001256293.1| Homo sapiens keratin 8 (KRT8), transcript variant 3, mRNA; gi|372466

gi|372466583|ref|NM\_005239.5| Homo sapiens v-ets erythroblastosis virus E26 oncogene homolog 2 (aviai

gi|372466584|ref|NR\_002449.2| Homo sapiens small nucleolar RNA, H/ACA box 65 (SNORA65), small nucle

gi|372466585|ref|NM\_001256296.1| Homo sapiens immunoglobulin lambda-like polypeptide 5 (IGLL5), tra

gi|372620346|ref|NM\_006164.4| Homo sapiens nuclear factor (erythroid-derived 2)-like 2 (NFE2L2), transc

gi|372620357|ref|NR\_046009.1| Homo sapiens zinc finger, matrin-type 1 (ZMAT1), transcript variant 4, non

gi|372620360|ref|NR\_046012.1| Homo sapiens uncharacterized LOC727915 (LOC727915), non-coding RNA,

gi|372622364|ref|NR\_046005.1| Homo sapiens transmembrane and coiled-coil domains 5B, pseudogene (T

gi|372622368|ref|NM\_006281.3| Homo sapiens serine/threonine kinase 3 (STK3), transcript variant 1, mRN

gi|372622377|ref|NM\_001013436.2| Homo sapiens mercaptopyruvate sulfurtransferase (MPST), nuclear ge

gi|372622384|ref|NR\_046018.1| Homo sapiens DEAD/H (Asp-Glu-Ala-Asp/His) box helicase 11 like 1 (DDX1:

gi|372622387|ref|NM\_031422.5| Homo sapiens carbohydrate (N-acetylgalactosamine 4-0) sulfotransferase

gi|372624391|ref|NM\_001265.4| Homo sapiens caudal type homeobox 2 (CDX2), mRNA;

gi|372624393|ref|NR\_045983.1| Homo sapiens zinc finger protein 663 (ZNF663), non-coding RNA;

gi|372624394|ref|NR\_045985.1| Homo sapiens arachidonate 15-lipoxygenase pseudogene 1 (ALOX15P1), n

gi|372624399|ref|NR\_033737.2| Homo sapiens transmembrane protease, serine 11G, pseudogene (TMPRS

gi|372626407|ref|NM\_183360.2| Homo sapiens dystrobrevin, beta (DTNB), transcript variant 4, mRNA; gi|3

gi|372626409|ref|NM\_001256301.1| Homo sapiens hydroxyprostaglandin dehydrogenase 15-(NAD) (HPGD

gi|372626417|ref|NR\_045992.1| Homo sapiens eukaryotic translation termination factor 1 (ETF1), transcrip

gi|373251163|ref|NM\_001256310.1| Homo sapiens glutaminase (GLS), nuclear gene encoding mitochondri

gi|373251175|ref|NM\_006821.5| Homo sapiens acyl-CoA thioesterase 2 (ACOT2), nuclear gene encoding m

gi|373251186|ref|NM\_015999.4| Homo sapiens adiponectin receptor 1 (ADIPOR1), transcript variant 1, mR

gi|373251208|ref|NM\_001256321.1| Homo sapiens thiamine triphosphatase (THTPA), transcript variant 5,

gi|373251222|ref|NM\_001256335.1| Homo sapiens prostaglandin E synthase 2 (PTGES2), transcript variant

gi|373432598|ref|NM\_001511.3| Homo sapiens chemokine (C-X-C motif) ligand 1 (melanoma growth stimu

gi|373432602|ref|NM\_138557.2| Homo sapiens toll-like receptor 4 (TLR4), transcript variant 4, mRNA; gi|3

gi|373432614|ref|NM\_001256336.1| Homo sapiens chromodomain helicase DNA binding protein 1-like (CH

gi|373432627|ref|NM\_001256339.1| Homo sapiens NK3 homeobox 1 (NKX3-1), transcript variant 2, mRNA;

gi|373432658|ref|NM\_001256347.1| Homo sapiens sema domain, seven thrombospondin repeats (type 1 a

gi|373432685|ref|NM\_003347.3| Homo sapiens ubiquitin-conjugating enzyme E2L 3 (UBE2L3), transcript va

gi|373432691|ref|NM\_001256358.1| Homo sapiens PTK6 protein tyrosine kinase 6 (PTK6), transcript varian

gi|373838700|ref|NR\_046084.1| Homo sapiens uncharacterized LOC100505696 (LOC100505696), non-codi

gi|373838701|ref|NM\_001256368.1| Homo sapiens uncharacterized LOC100144595 (LOC100144595), mRN

gi|373838703|ref|NR\_046085.1| Homo sapiens uncharacterized LOC100132078 (LOC100132078), non-codi

gi|373838704|ref|NM\_001256369.1| Homo sapiens chemokine (C-C motif) receptor 9 (CCR9), transcript vai

gi|373838706|ref|NM\_022136.4| Homo sapiens SAM domain, SH3 domain and nuclear localization signals :

gi|373838712|ref|NM\_001256372.1| Homo sapiens E2F transcription factor 8 (E2F8), transcript variant 3, n

gi|373838714|ref|NR\_046086.1| Homo sapiens uncharacterized LOC100129175 (LOC100129175), non-codi

gi|373838717|ref|NM\_001256374.1| Homo sapiens uncharacterized LOC256021 (LOC256021), transcript va

gi|373838722|ref|NM\_001034832.3| Homo sapiens synovial sarcoma, X breakpoint 4B (SSX4B), transcript v

gi|373838724|ref|NR\_046087.1| Homo sapiens unknown transcript (LOC100093698), non-coding RNA;

gi|373838725|ref|NM\_024834.3| Homo sapiens minichromosome maintenance complex binding protein (M

gi|373838732|ref|NR\_046088.1| Homo sapiens uncharacterized LOC729987 (LOC729987), non-coding RNA;

gi|373838733|ref|NR\_046089.1| Homo sapiens uncharacterized LOC728342 (LOC728342), non-coding RNA;

gi|373838734|ref|NR\_046090.1| Homo sapiens uncharacterized LOC283214 (LOC283214), non-coding RNA;

gi|373838735|ref|NR\_046091.1| Homo sapiens uncharacterized LOC728218 (LOC728218), non-coding RNA;

gi|373838737|ref|NR\_046094.1| Homo sapiens uncharacterized LOC283587 (LOC283587), non-coding RNA;

gi|373838749|ref|NR\_046096.1| Homo sapiens uncharacterized LOC283692 (LOC283692), non-coding RNA;

gi|373838754|ref|NR\_045196.2| Homo sapiens uncharacterized LOC100505806 (LOC100505806), non-codi

gi|373838756|ref|NM\_001256386.1| Homo sapiens leucine rich repeat containing 39 (LRRC39), transcript v

gi|373838762|ref|NR\_046098.1| Homo sapiens uncharacterized LOC284581 (LOC284581), transcript varian

gi|373838767|ref|NR\_046099.1| Homo sapiens uncharacterized LOC284757 (LOC284757), non-coding RNA;

gi|373838769|ref|NR\_046100.1| Homo sapiens uncharacterized LOC285762 (LOC285762), non-coding RNA;

gi|373838772|ref|NM\_198377.2| Homo sapiens calcium channel, voltage-dependent, T type, alpha 1G subu

gi|373838919|ref|NM\_198185.3| Homo sapiens ovochymase 2 (gene/pseudogene) (OVCH2), mRNA;

gi|373938421|ref|NR\_046101.1| Homo sapiens chromosome X open reading frame 31 (CXorf31), non-codir

gi|373938422|ref|NR\_046102.1| Homo sapiens uncharacterized LOC646736 (LOC646736), non-coding RNA;

gi|373938423|ref|NM\_001128619.2| Homo sapiens leucine zipper protein 6 (LUZP6), mRNA;

gi|373938424|ref|NR\_046103.1| Homo sapiens uncharacterized LOC349160 (LOC349160), non-coding RNA;

gi|373938426|ref|NM\_001256394.1| Homo sapiens nucleolar protein 8 (NOL8), transcript variant 2, mRNA;

gi|373938428|ref|NR\_046104.1| Homo sapiens uncharacterized LOC642426 (LOC642426), non-coding RNA;

gi|373938429|ref|NM\_001135553.2| Homo sapiens MAP kinase interacting serine/threonine kinase 1 (MKI135), mRNA;

gi|373938430|ref|NR\_046105.1| Homo sapiens MIR137 host gene (non-protein coding) (MIR137HG), non-coding RNA;

gi|373938435|ref|NR\_046107.1| Homo sapiens uncharacterized LOC401557 (LOC401557), non-coding RNA;

gi|373938436|ref|NR\_046108.1| Homo sapiens uncharacterized LOC439950 (LOC439950), non-coding RNA;

gi|373938438|ref|NR\_046109.1| Homo sapiens family with sequence similarity 96, member B (FAM96B), transcript variant 1, non-coding RNA;

gi|373938439|ref|NR\_046110.1| Homo sapiens uncharacterized LOC440894 (LOC440894), transcript variant 1, non-coding RNA;

gi|373938442|ref|NR\_046113.1| Homo sapiens FLJ16171 protein (FLJ16171), non-coding RNA;

gi|373938443|ref|NM\_001256395.1| Homo sapiens Rh family, B glycoprotein (gene/pseudogene) (RHBG), transcript variant 1, non-coding RNA;

gi|373938451|ref|NM\_001256402.1| Homo sapiens ELOVL fatty acid elongase 1 (ELOVL1), transcript variant 1, non-coding RNA;

gi|373938453|ref|NR\_046114.1| Homo sapiens uncharacterized LOC441369 (FLJ46284), non-coding RNA;

gi|373938455|ref|NR\_046116.1| Homo sapiens uncharacterized LOC550113 (LOC550113), non-coding RNA;

gi|373938458|ref|NM\_147686.3| Homo sapiens TRAF3 interacting protein 2 (TRAF3IP2), transcript variant 1, non-coding RNA;

gi|373938463|ref|NM\_001256404.1| Homo sapiens DENN/MADD domain containing 2C (DENND2C), transcript variant 1, non-coding RNA;

gi|374073641|ref|NM\_001177701.2| Homo sapiens intraflagellar transport 27 homolog (Chlamydomonas reinhardtii) (IFT27), mRNA;

gi|374081837|ref|NM\_012202.4| Homo sapiens guanine nucleotide binding protein (G protein), gamma 3 (GNG3), mRNA;

gi|374081838|ref|NM\_001143827.2| Homo sapiens microtubule-associated protein, RP/EB family, member 1 (MAP4), mRNA;

gi|374081844|ref|NM\_001037290.2| Homo sapiens beta-carotene oxygenase 2 (BCO2), transcript variant 2, non-coding RNA;

gi|374081859|ref|NR\_046172.1| Homo sapiens RAB18, member RAS oncogene family (RAB18), transcript variant 1, non-coding RNA;

gi|374081864|ref|NM\_001256418.1| Homo sapiens ATP synthase mitochondrial F1 complex assembly factor 1 (ATP8A1), non-coding RNA;

gi|374088005|ref|NR\_046175.1| Homo sapiens uncharacterized LOC286297 (LOC286297), non-coding RNA;

gi|374088032|ref|NM\_032717.4| Homo sapiens 1-acylglycerol-3-phosphate O-acyltransferase 9 (AGPAT9), mRNA;

gi|374088103|ref|NR\_046138.1| Homo sapiens family with sequence similarity 91, member A2 (FAM91A2), non-coding RNA;

gi|374088140|ref|NM\_032037.3| Homo sapiens testis-specific serine kinase 6 (TSSK6), mRNA;

gi|374088147|ref|NR\_046165.1| Homo sapiens uncharacterized LOC158257 (LOC158257), transcript variant 1, non-coding RNA;

gi|374088149|ref|NM\_001256408.1| Homo sapiens uncharacterized LOC158434 (LOC158434), mRNA;

gi|374088156|ref|NM\_052940.4| Homo sapiens leucine rich repeat containing 42 (LRRC42), transcript variant 1, non-coding RNA;

gi|374088166|ref|NR\_046173.1| Homo sapiens uncharacterized LOC254896 (LOC254896), non-coding RNA;

gi|374088169|ref|NM\_001256413.1| Homo sapiens hydrogen voltage-gated channel 1 (HVCN1), transcript variant 1, non-coding RNA;

gi|374088173|ref|NM\_001256416.1| Homo sapiens neuroblastoma breakpoint family, member 3 (NBPF3), non-coding RNA;

gi|374093197|ref|NM\_001256424.1| Homo sapiens guanylate cyclase 1, soluble, alpha 2 (GUCY1A2), transcript variant 1, non-coding RNA;

gi|374093202|ref|NM\_001256425.1| Homo sapiens PDZ and LIM domain 5 (PDLIM5), transcript variant 3, non-coding RNA;

gi|374093218|ref|NM\_001256430.1| Homo sapiens stonin 2 (STON2), transcript variant 2, mRNA; gi|374093228|ref|NR\_046189.1| Homo sapiens long intergenic non-protein coding RNA 538 (LINC00538), non-coding RNA;

gi|374093234|ref|NR\_039646.1| Homo sapiens microRNA 4444-1 (MIR4444-1), microRNA;

gi|374248674|ref|NR\_046202.1| Homo sapiens chromosome 19 open reading frame 47 (C19orf47), transcript variant 1, non-coding RNA;

gi|374252457|ref|NM\_001256455.1| Homo sapiens zinc finger and BTB domain containing 7B (ZBTB7B), transcript variant 1, non-coding RNA;

gi|374253754|ref|NM\_001101663.2| Homo sapiens neuroblastoma breakpoint family, member 24 (NBPF24), non-coding RNA;

gi|374253779|ref|NR\_046200.1| Homo sapiens uncharacterized LOC400558 (LOC400558), non-coding RNA;

gi|374253780|ref|NR\_046201.1| Homo sapiens uncharacterized LOC400684 (LOC400684), non-coding RNA;

gi|374253781|ref|NR\_046203.1| Homo sapiens uncharacterized LOC643648 (LOC643648), non-coding RNA;

gi|374253784|ref|NM\_001256443.1| Homo sapiens proline-rich transmembrane protein 2 (PRRT2), transcript variant 1, non-coding RNA;

gi|374253788|ref|NR\_046204.1| Homo sapiens uncharacterized LOC401497 (LOC401497), non-coding RNA;

gi|374253795|ref|NM\_001139457.2| Homo sapiens B-cell receptor-associated protein 31 (BCAP31), transcript variant 1, non-coding RNA;

gi|374253798|ref|NM\_134268.4| Homo sapiens cytoglobin (CYGB), mRNA;

gi|374253799|ref|NM\_001130687.2| Homo sapiens guanylate cyclase 1, soluble, alpha 3 (GUCY1A3), transcript variant 1, non-coding RNA;

gi|374253802|ref|NR\_046205.1| Homo sapiens uncharacterized LOC100128750 (LOC100128750), non-coding RNA;

gi|374253820|ref|NM\_001256460.1| Homo sapiens cleavage and polyadenylation specific factor 3-like (CPS3), transcript variant 1, mRNA; gi|374349206|ref|NM\_001256469.1| Homo sapiens K(lysine) acetyltransferase 6B (KAT6B), transcript variant 1, mRNA; gi|374349208|ref|NR\_046211.1| Homo sapiens ELK2A, member of ETS oncogene family, pseudogene (ELK2A), non-coding RNA; gi|374349212|ref|NR\_046213.1| Homo sapiens long intergenic non-protein coding RNA 260 (LINC00260), non-coding RNA; gi|374349214|ref|NR\_046215.1| Homo sapiens long intergenic non-protein coding RNA 536 (LINC00536), non-coding RNA; gi|374349220|ref|NR\_046216.1| Homo sapiens uncharacterized protein MGC27345 (MGC27345), non-coding RNA; gi|374349223|ref|NR\_046217.1| Homo sapiens ZRANB2 antisense RNA 2 (non-protein coding) (ZRANB2-AS2), non-coding RNA; gi|374349224|ref|NR\_046218.1| Homo sapiens NEGR1 intronic transcript 1 (non-protein coding) (NEGR1-IT1), non-coding RNA; gi|374349225|ref|NR\_046219.1| Homo sapiens EGFLAM antisense RNA 4 (non-protein coding) (EGFLAM-AS4), non-coding RNA; gi|374349226|ref|NR\_046220.1| Homo sapiens KLHL7 antisense RNA 1 (non-protein coding) (KLHL7-AS1), non-coding RNA; gi|374349229|ref|NR\_046221.1| Homo sapiens uncharacterized LOC100652999 (LOC100652999), non-coding RNA; gi|374349230|ref|NR\_046222.1| Homo sapiens uncharacterized LOC100652909 (LOC100652909), non-coding RNA; gi|374349232|ref|NM\_182947.3| Homo sapiens Rho guanine nucleotide exchange factor (GEF) 25 (ARHGEF25), transcript variant 1, mRNA; gi|374349236|ref|NR\_046225.1| Homo sapiens uncharacterized LOC100652730 (LOC100652730), transcript variant 1, mRNA; gi|374349240|ref|NR\_046227.1| Homo sapiens uncharacterized LOC100509894 (LOC100509894), transcript variant 1, mRNA; gi|374349242|ref|NM\_152388.3| Homo sapiens transmembrane protein 237 (TMEM237), transcript variant 1, mRNA; gi|374349243|ref|NR\_046228.1| Homo sapiens ankyrin repeat domain 20 family, member A pseudogene (ANKRD20-AS1), non-coding RNA; gi|374349245|ref|NR\_046229.1| Homo sapiens uncharacterized LOC100508120 (LOC100508120), non-coding RNA; gi|374349251|ref|NR\_046230.1| Homo sapiens IGSF11 antisense RNA 1 (non-protein coding) (IGSF11-AS1), non-coding RNA; gi|374349253|ref|NR\_046231.1| Homo sapiens uncharacterized LOC399829 (LOC399829), non-coding RNA; gi|374349254|ref|NR\_002833.2| Homo sapiens dpy-19-like 2 pseudogene 1 (C. elegans) (DPY19L2P1), non-coding RNA; gi|374349255|ref|NR\_046232.1| Homo sapiens uncharacterized LOC619344 (C8orf69), non-coding RNA; gi|374349256|ref|NR\_039941.1| Homo sapiens microRNA 4436b-1 (MIR4436B1), microRNA; gi|374429541|ref|NM\_001256475.1| Homo sapiens theg spermatid protein-like (THEGL), mRNA; gi|374429543|ref|NM\_138458.3| Homo sapiens WD repeat domain 92 (WDR92), transcript variant 1, mRNA; gi|374429547|ref|NR\_046235.1| Homo sapiens 45S pre-ribosomal RNA (RN45S), ribosomal RNA; gi|374429548|ref|NM\_014191.3| Homo sapiens sodium channel, voltage gated, type VIII, alpha subunit (SCN8A), transcript variant 1, mRNA; gi|374429555|ref|NR\_046236.1| Homo sapiens cytidine monophosphate (UMP-CMP) kinase 2, mitochondrial (CK2B), transcript variant 1, mRNA; gi|374429561|ref|NR\_046240.1| Homo sapiens uncharacterized LOC100506100 (LOC100506100), non-coding RNA; gi|374429562|ref|NR\_046241.1| Homo sapiens ribosomal protein S16 pseudogene 5 (RPS16P5), non-coding RNA; gi|374429564|ref|NR\_046242.1| Homo sapiens uncharacterized LOC100505865 (LOC100505865), non-coding RNA; gi|374429566|ref|NR\_046243.1| Homo sapiens uncharacterized LOC642366 (LOC642366), non-coding RNA; gi|374429574|ref|NR\_046244.1| Homo sapiens uncharacterized LOC644990 (LOC644990), non-coding RNA; gi|374429575|ref|NR\_046245.1| Homo sapiens ADAM metalloproteinase domain 3A-like (LOC100130964), transcript variant 1, mRNA; gi|374532768|ref|NR\_046262.1| Homo sapiens uncharacterized LOC646719 (LOC646719), non-coding RNA; gi|374532776|ref|NM\_001256495.1| Homo sapiens mannosidase, alpha, class 2C, member 1 (MAN2C1), transcript variant 1, mRNA; gi|374532780|ref|NM\_001256497.1| Homo sapiens CYP3A7-CYP3AP1 readthrough (CYP3A7-CYP3AP1), mRNA; gi|374532788|ref|NR\_046264.1| Homo sapiens uncharacterized LOC651430 (FLJ38576), non-coding RNA; gi|374532796|ref|NR\_046248.1| Homo sapiens uncharacterized LOC100505695 (LOC100505695), transcript variant 1, mRNA; gi|374532797|ref|NR\_046249.1| Homo sapiens uncharacterized LOC100287948 (GM140), non-coding RNA; gi|374532801|ref|NM\_001256483.1| Homo sapiens epoxide hydrolase 2, cytoplasmic (EPHX2), transcript variant 1, mRNA; gi|374532813|ref|NR\_046255.1| Homo sapiens FGD5 antisense RNA 1 (non-protein coding) (FGD5-AS1), transcript variant 1, mRNA; gi|374532815|ref|NR\_046256.1| Homo sapiens alpha-2-macroglobulin-like 1 (A2ML1), transcript variant 2, mRNA; gi|374532822|ref|NM\_001256488.1| Homo sapiens golgin B1 (GOLGB1), transcript variant 4, mRNA; gi|374532826|ref|NR\_046259.1| Homo sapiens uncharacterized LOC100216479 (LOC100216479), transcript variant 1, mRNA; gi|374671759|ref|NM\_001256505.1| Homo sapiens cell adhesion molecule 2 (CADM2), transcript variant 7, mRNA; gi|374671767|ref|NM\_001256508.1| Homo sapiens TBC1 domain family, member 10C (TBC1D10C), transcript variant 1, mRNA

gi|374671776|ref|NR\_046268.1| Homo sapiens uncharacterized LOC728463 (LOC728463), non-coding RNA;

gi|374671777|ref|NM\_003143.2| Homo sapiens single-stranded DNA binding protein 1 (SSBP1), nuclear ger

gi|374671781|ref|NR\_046273.1| Homo sapiens uncharacterized LOC729683 (LOC729683), non-coding RNA;

gi|374671792|ref|NM\_018464.4| Homo sapiens CDGSH iron sulfur domain 1 (CISD1), mRNA;

gi|374671822|ref|NM\_001256525.1| Homo sapiens zinc finger protein 74 (ZNF74), transcript variant 4, mRN

gi|374671830|ref|NR\_046284.1| Homo sapiens uncharacterized LOC100128511 (LOC100128511), transcrip

gi|374671831|ref|NR\_046285.1| Homo sapiens uncharacterized LOC100130744 (LOC100130744), non-codi

gi|374717325|ref|NR\_046290.1| Homo sapiens uncharacterized LOC100289092 (LOC100289092), transcrip

gi|374717336|ref|NR\_046295.1| Homo sapiens misato homolog 1 (Drosophila) (MSTO1), transcript variant

gi|374717345|ref|NR\_046298.1| Homo sapiens solute carrier family 25 (mitochondrial carrier; citrate transp

gi|374717347|ref|NR\_046299.1| Homo sapiens postmeiotic segregation increased 2 pseudogene 4 (PMS2P

gi|374858037|ref|NR\_046300.1| Homo sapiens family with sequence similarity 197, Y-linked, member 5 (F

gi|374858038|ref|NM\_019854.4| Homo sapiens protein arginine methyltransferase 8 (PRMT8), transcript v

gi|374858047|ref|NM\_182767.5| Homo sapiens solute carrier family 6 (neutral amino acid transporter), me

gi|374858050|ref|NM\_001256539.1| Homo sapiens NOP16 nucleolar protein homolog (yeast) (NOP16), tra

gi|374858056|ref|NM\_001256541.1| Homo sapiens transmembrane protein 204 (TMEM204), transcript va

gi|375065823|ref|NM\_000714.5| Homo sapiens translocator protein (18kDa) (TSPO), transcript variant PBR

gi|375065831|ref|NM\_019844.3| Homo sapiens solute carrier organic anion transporter family, member 1E

gi|375065834|ref|NM\_138426.3| Homo sapiens glucocorticoid induced transcript 1 (GLCCI1), mRNA;

gi|375065835|ref|NM\_199464.2| Homo sapiens potassium channel regulator (KCNRG), transcript variant 2,

gi|375065838|ref|NM\_001193538.2| Homo sapiens transmembrane protein 126B (TMEM126B), transcript

gi|375065848|ref|NR\_046310.1| Homo sapiens polycomb group ring finger 5 (PCGF5), transcript variant 3, i

gi|375065849|ref|NM\_022474.3| Homo sapiens membrane protein, palmitoylated 5 (MAGUK p55 subfamil

gi|375065858|ref|NR\_046311.1| Homo sapiens nei endonuclease VIII-like 1 (E. coli) (NEIL1), transcript varia

gi|375065861|ref|NR\_046312.1| Homo sapiens KIAA1656 protein (KIAA1656), non-coding RNA;

gi|375065864|ref|NM\_052852.3| Homo sapiens zinc finger protein 486 (ZNF486), mRNA;

gi|375065871|ref|NM\_001089584.2| Homo sapiens chromosome 5 open reading frame 49 (C5orf49), mRN

gi|375065872|ref|NR\_024246.2| Homo sapiens uncharacterized LOC144742 (LOC144742), non-coding RNA;

gi|375126913|ref|NM\_173809.4| Homo sapiens biogenesis of lysosomal organelles complex-1, subunit 2 (B

gi|375151548|ref|NM\_001256560.1| Homo sapiens deoxyribonuclease I-like 3 (DNASE1L3), transcript varia

gi|375151559|ref|NM\_005651.3| Homo sapiens tryptophan 2,3-dioxygenase (TDO2), mRNA;

gi|375151563|ref|NR\_046316.1| Homo sapiens NS3BP (NS3BP), non-coding RNA;

gi|375151566|ref|NM\_004101.3| Homo sapiens coagulation factor II (thrombin) receptor-like 2 (F2RL2), tra

gi|375151569|ref|NM\_001256567.1| Homo sapiens cholinergic receptor, nicotinic, beta 4 (neuronal) (CHRN

gi|375151574|ref|NM\_001256569.1| Homo sapiens PTPRF interacting protein, binding protein 2 (liprin beta

gi|375151582|ref|NM\_000744.6| Homo sapiens cholinergic receptor, nicotinic, alpha 4 (neuronal) (CHRNA4

gi|375151583|ref|NM\_005249.4| Homo sapiens forkhead box G1 (FOXP1), mRNA;

gi|375151586|ref|NR\_046319.1| Homo sapiens long intergenic non-protein coding RNA 315 (LINC00315), n

gi|375151587|ref|NM\_001980.3| Homo sapiens syntaxin 2 (STX2), transcript variant 1, mRNA; gi|37515158

gi|375151593|ref|NR\_026719.2| Homo sapiens Down syndrome critical region gene 9 (non-protein coding)

gi|375151594|ref|NM\_001256579.1| Homo sapiens uncharacterized protein ENSP00000383407-like (LOC3

gi|375156566|ref|NM\_003633.3| Homo sapiens ectodermal-neural cortex 1 (with BTB-like domain) (ENC1),

gi|375163496|ref|NM\_002083.3| Homo sapiens glutathione peroxidase 2 (gastrointestinal) (GPX2), transcri

gi|375268685|ref|NM\_006039.4| Homo sapiens mannose receptor, C type 2 (MRC2), mRNA;

gi|375268687|ref|NM\_002101.4| Homo sapiens glycophorin C (Gerbich blood group) (GYPC), transcript vari

gi|375268689|ref|NR\_046322.1| Homo sapiens uncharacterized LOC285033 (LOC285033), non-coding RNA;

gi|375268694|ref|NR\_003506.3| Homo sapiens plasminogen-like A (PLGLA), non-coding RNA;

gi|375268695|ref|NM\_005805.5| Homo sapiens proteasome (prosome, macropain) 26S subunit, non-ATPase  
gi|375268696|ref|NM\_000156.5| Homo sapiens guanidinoacetate N-methyltransferase (GAMT), transcript  
gi|375268701|ref|NM\_001256585.1| Homo sapiens monoglyceride lipase (MGLL), transcript variant 3, mRNA  
gi|375268703|ref|NR\_046323.1| Homo sapiens uncharacterized FLJ40288 (FLJ40288), non-coding RNA;  
gi|375268708|ref|NM\_001190455.2| Homo sapiens cholinergic receptor, nicotinic, alpha 7 (neuronal) (CHRNA7)  
gi|375268712|ref|NM\_017581.3| Homo sapiens cholinergic receptor, nicotinic, alpha 9 (neuronal) (CHRNA9)  
gi|375268763|ref|NR\_046325.1| Homo sapiens KDM5B antisense RNA 1 (non-protein coding) (KDM5B-AS1)  
gi|375298671|ref|NM\_001256597.1| Homo sapiens chromosome 8 open reading frame 22 (C8orf22), transcript  
gi|375298684|ref|NR\_046329.1| Homo sapiens tripartite motif containing 46 (TRIM46), transcript variant 7  
gi|375298688|ref|NM\_001256604.1| Homo sapiens chromosome 1 open reading frame 85 (C1orf85), transcript  
gi|375298706|ref|NM\_001256614.1| Homo sapiens 5-hydroxytryptamine (serotonin) receptor 3E, ionotropic  
gi|375298710|ref|NM\_001256615.1| Homo sapiens uncharacterized LOC149373 (LOC149373), mRNA;  
gi|375298716|ref|NM\_001256617.1| Homo sapiens tubulin, gamma complex associated protein 2 (TUBGCP2)  
gi|375298724|ref|NM\_022064.3| Homo sapiens ring finger protein 123 (RNF123), mRNA;  
gi|375298730|ref|NM\_001256620.1| Homo sapiens chromosome 10 open reading frame 28 (C10orf28), transcript  
gi|375298740|ref|NM\_020799.3| Homo sapiens STAM binding protein-like 1 (STAMBPL1), mRNA;  
gi|375298743|ref|NM\_001256627.1| Homo sapiens BR serine/threonine kinase 2 (BRSK2), transcript variant  
gi|375331876|ref|NM\_001256644.1| Homo sapiens leukotriene A4 hydrolase (LTA4H), transcript variant 3,  
gi|375331887|ref|NM\_001256647.1| Homo sapiens nuclear receptor subfamily 1, group H, member 2 (NR1H2)  
gi|375331900|ref|NM\_001256653.1| Homo sapiens zinc finger protein 43 (ZNF43), transcript variant 5, mRNA  
gi|375331914|ref|NM\_001256658.1| Homo sapiens TEA domain family member 2 (TEAD2), transcript variant  
gi|375331921|ref|NR\_046334.1| Homo sapiens cholinergic receptor, nicotinic, delta (muscle) (CHRNA4), transcript  
gi|375331938|ref|NM\_005700.4| Homo sapiens dipeptidyl-peptidase 3 (DPP3), transcript variant 1, mRNA;  
gi|375364518|ref|NR\_046338.1| Homo sapiens PR domain containing 11 (PRDM11), transcript variant 3, non-coding  
gi|37537526|ref|NM\_025098.2| Homo sapiens monoacylglycerol O-acyltransferase 2 (MOGAT2), mRNA;  
gi|37537553|ref|NM\_173564.2| Homo sapiens neuronal tyrosine-phosphorylated phosphoinositide-3-kinase  
gi|37537683|ref|NM\_007139.2| Homo sapiens zinc finger protein 92 (ZNF92), transcript variant 1, mRNA; gi|37537685|ref|NM\_145914.2| Homo sapiens zinc finger and SCAN domain containing 21 (ZSCAN21), mRNA  
gi|37537688|ref|NM\_005649.2| Homo sapiens zinc finger protein 354A (ZNF354A), mRNA;  
gi|37537695|ref|NM\_022782.2| Homo sapiens M-phase phosphoprotein 9 (MPHOSPH9), mRNA;  
gi|37537705|ref|NM\_197958.1| Homo sapiens La ribonucleoprotein domain family, member 6 (LARP6), transcript  
gi|37537715|ref|NM\_183004.3| Homo sapiens eukaryotic translation initiation factor 5 (EIF5), transcript variant  
gi|37537717|ref|NM\_014026.3| Homo sapiens decapping enzyme, scavenger (DCPS), mRNA;  
gi|375378298|ref|NM\_182836.2| Homo sapiens Rab geranylgeranyltransferase, alpha subunit (RABGGTA), transcript  
gi|375477429|ref|NM\_001256721.1| Homo sapiens chaperonin containing TCP1, subunit 4 (delta) (CCT4), transcript  
gi|375493484|ref|NM\_001256720.1| Homo sapiens C-type lectin domain family 19, member A (CLEC19A), transcript  
gi|375493488|ref|NR\_046346.1| Homo sapiens ganglioside induced differentiation associated protein 1 (GDIAP1)  
gi|375493506|ref|NM\_001256675.1| Homo sapiens stomatin (EPB72)-like 1 (STOML1), transcript variant 5,  
gi|375493515|ref|NM\_001256679.1| Homo sapiens KIAA0391 (KIAA0391), transcript variant 3, mRNA; gi|375493533|ref|NM\_001256686.1| Homo sapiens casein kinase 2, alpha 1 polypeptide pseudogene (CSNK2A1P)  
gi|375493535|ref|NM\_001256687.1| Homo sapiens maternal embryonic leucine zipper kinase (MELK), transcript  
gi|375493560|ref|NM\_001004353.3| Homo sapiens chromosome 9 open reading frame 173 (C9orf173), transcript  
gi|375493566|ref|NR\_046342.1| Homo sapiens ubiquitin specific peptidase 3 (USP3), transcript variant 4, non-coding  
gi|375493568|ref|NM\_002042.4| Homo sapiens gamma-aminobutyric acid (GABA) A receptor, rho 1 (GABRR1)  
gi|375493575|ref|NR\_046343.1| Homo sapiens family with sequence similarity 90, member A7, pseudogene  
gi|375493590|ref|NM\_001256712.1| Homo sapiens anaphase promoting complex subunit 10 (ANAPC10), transcript  
gi|375493594|ref|NM\_001256714.1| Homo sapiens dynein, axonemal, assembly factor 3 (DNAAF3), transcript

gi|37574600|ref|NM\_014519.2| Homo sapiens zinc finger protein 232 (ZNF232), mRNA;  
 gi|37574602|ref|NM\_005773.2| Homo sapiens zinc finger protein 256 (ZNF256), mRNA;  
 gi|37574613|ref|NM\_197972.1| Homo sapiens non-metastatic cells 7, protein expressed in (nucleoside-diphosphate-linked moiety X)-type motif 1  
 gi|37574615|ref|NM\_031438.2| Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 1  
 gi|37574617|ref|NM\_197978.1| Homo sapiens hemogen (HEMGN), transcript variant 2, mRNA; gi|3757462  
 gi|37577102|ref|NM\_016511.2| Homo sapiens C-type lectin domain family 1, member A (CLEC1A), mRNA;  
 gi|37577106|ref|NM\_005127.2| Homo sapiens C-type lectin domain family 2, member B (CLEC2B), mRNA;  
 gi|37577120|ref|NM\_080387.4| Homo sapiens C-type lectin domain family 4, member D (CLEC4D), mRNA;  
 gi|37577121|ref|NM\_016021.2| Homo sapiens ubiquitin-conjugating enzyme E2, J1, U (UBE2J1), mRNA;  
 gi|37577129|ref|NM\_194457.1| Homo sapiens ubiquitin-conjugating enzyme E2, J2 (UBE2J2), transcript var  
 gi|37577134|ref|NM\_003348.3| Homo sapiens ubiquitin-conjugating enzyme E2N (UBE2N), mRNA;  
 gi|37577149|ref|NM\_016453.2| Homo sapiens NCK interacting protein with SH3 domain (NCKIPSD), transcr  
 gi|37577163|ref|NM\_194451.1| Homo sapiens lipoic acid synthetase (LIAS), nuclear gene encoding mitochc  
 gi|37577173|ref|NM\_002937.3| Homo sapiens ribonuclease, RNase A family, 4 (RNASE4), transcript variant  
 gi|37588852|ref|NM\_194435.1| Homo sapiens vasoactive intestinal peptide (VIP), transcript variant 2, mRN  
 gi|37588872|ref|NM\_194463.1| Homo sapiens ring finger protein 128, E3 ubiquitin protein ligase (RNF128),  
 gi|37594438|ref|NM\_007147.2| Homo sapiens zinc finger protein 175 (ZNF175), mRNA;  
 gi|37594439|ref|NM\_006349.2| Homo sapiens zinc finger, HIT-type containing 1 (ZNHIT1), mRNA;  
 gi|37594441|ref|NM\_003440.2| Homo sapiens zinc finger protein 140 (ZNF140), mRNA;  
 gi|37594443|ref|NM\_015896.2| Homo sapiens zinc finger, MYND-type containing 10 (ZMYND10), mRNA;  
 gi|37594445|ref|NM\_138462.2| Homo sapiens zinc finger, MYND-type containing 19 (ZMYND19), mRNA;  
 gi|37594448|ref|NM\_198046.1| Homo sapiens zinc finger, DHHC-type containing 16 (ZDHHC16), transcript  
 gi|37594463|ref|NM\_014142.2| Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 5  
 gi|37595531|ref|NM\_139022.2| Homo sapiens tetraspanin 32 (TSPAN32), mRNA;  
 gi|37595546|ref|NM\_002610.3| Homo sapiens pyruvate dehydrogenase kinase, isozyme 1 (PDK1), nuclear  
 gi|37595549|ref|NM\_004571.3| Homo sapiens PBX/knotted 1 homeobox 1 (PKNOX1), mRNA;  
 gi|37595552|ref|NM\_017610.6| Homo sapiens ring finger protein 111 (RNF111), mRNA;  
 gi|37595559|ref|NM\_003462.3| Homo sapiens dynein, axonemal, light intermediate chain 1 (DNALI1), mRN  
 gi|37595566|ref|NM\_007144.2| Homo sapiens polycomb group ring finger 2 (PCGF2), mRNA;  
 gi|37595568|ref|NM\_002975.2| Homo sapiens C-type lectin domain family 11, member A (CLEC11A), mRN  
 gi|37596296|ref|NM\_004196.3| Homo sapiens cyclin-dependent kinase-like 1 (CDC2-related kinase) (CDKL1  
 gi|37596298|ref|NM\_006735.3| Homo sapiens homeobox A2 (HOXA2), mRNA;  
 gi|37622340|ref|NM\_198055.1| Homo sapiens myeloid zinc finger 1 (MZF1), transcript variant 2, mRNA; gi|  
 gi|37622348|ref|NM\_006631.2| Homo sapiens zinc finger protein 266 (ZNF266), mRNA; gi|37622342|ref|N  
 gi|37622351|ref|NM\_080878.2| Homo sapiens intelectin 2 (ITLN2), mRNA;  
 gi|37622352|ref|NM\_003551.2| Homo sapiens non-metastatic cells 5, protein expressed in (nucleoside-diphosphate-linked moiety X)-type motif 1  
 gi|37622353|ref|NM\_031479.3| Homo sapiens inhibin, beta E (INHBE), mRNA;  
 gi|37622354|ref|NM\_003666.2| Homo sapiens basic leucine zipper nuclear factor 1 (BLZF1), mRNA;  
 gi|37622897|ref|NM\_152620.2| Homo sapiens tripartite motif containing 60 (TRIM60), mRNA;  
 gi|37622904|ref|NM\_006242.3| Homo sapiens protein phosphatase 1, regulatory subunit 3D (PPP1R3D), m  
 gi|37622909|ref|NM\_000738.2| Homo sapiens cholinergic receptor, muscarinic 1 (CHRM1), mRNA;  
 gi|376315420|ref|NM\_014935.3| Homo sapiens pleckstrin homology domain containing, family A member  
 gi|376319200|ref|NM\_001256726.1| Homo sapiens ubiquitin specific peptidase 39 (USP39), transcript varia  
 gi|376319216|ref|NM\_015342.3| Homo sapiens peptidylprolyl isomerase domain and WD repeat containin  
 gi|376319219|ref|NR\_046351.1| Homo sapiens family with sequence similarity 90, member A10, pseudoge  
 gi|376319226|ref|NM\_001256733.1| Homo sapiens single-stranded DNA binding protein 2 (SSBP2), transcri  
 gi|376319236|ref|NM\_001256737.1| Homo sapiens ganglioside induced differentiation associated protein :

gi|376319242|ref|NR\_046352.1| Homo sapiens CCR4-NOT transcription complex, subunit 10 (CNOT10), tra  
gi|376319253|ref|NR\_046354.1| Homo sapiens family with sequence similarity 90, member A2, pseudogen  
gi|37655164|ref|NM\_032154.3| Homo sapiens polycomb group ring finger 6 (PCGF6), transcript variant 2, r  
gi|37655172|ref|NM\_198089.1| Homo sapiens zinc finger protein 155 (ZNF155), transcript variant 2, mRNA  
gi|37655178|ref|NM\_004644.3| Homo sapiens adaptor-related protein complex 3, beta 2 subunit (AP3B2),  
gi|37674209|ref|NM\_033389.2| Homo sapiens slingshot homolog 2 (Drosophila) (SSH2), mRNA;  
gi|37674255|ref|NR\_001573.1| Homo sapiens RNA binding motif protein, Y-linked, family 3, member A pse  
gi|37675275|ref|NM\_005009.2| Homo sapiens non-metastatic cells 4, protein expressed in (NME4), nuclea  
gi|37675276|ref|NM\_198085.1| Homo sapiens ring finger protein 148 (RNF148), mRNA;  
gi|37675278|ref|NM\_032876.4| Homo sapiens ajuba LIM protein (AJUBA), transcript variant 1, mRNA; gi|3  
gi|37675281|ref|NM\_020664.3| Homo sapiens 2,4-dienoyl CoA reductase 2, peroxisomal (DECR2), mRNA;  
gi|37693508|ref|NR\_001574.1| Homo sapiens RNA binding motif protein, Y-linked, family 2, member E pse  
gi|37693524|ref|NM\_003452.2| Homo sapiens zinc finger protein 189 (ZNF189), transcript variant 1, mRNA  
gi|37693992|ref|NM\_002513.2| Homo sapiens non-metastatic cells 3, protein expressed in (NME3), mRNA;  
gi|37693994|ref|NM\_015995.2| Homo sapiens Kruppel-like factor 13 (KLF13), mRNA;  
gi|37694063|ref|NM\_004215.3| Homo sapiens estrogen receptor binding site associated, antigen, 9 (EBAG9  
gi|37694066|ref|NM\_197955.1| Homo sapiens chromosome 15 open reading frame 48 (C15orf48), transcri  
gi|37700255|ref|NM\_198154.1| Homo sapiens transmembrane protein 95 (TMEM95), mRNA;  
gi|37700274|ref|NR\_001575.1| Homo sapiens ring finger protein 138, E3 ubiquitin protein ligase pseudoger  
gi|37704380|ref|NM\_004048.2| Homo sapiens beta-2-microglobulin (B2M), mRNA;  
gi|37704381|ref|NM\_153289.2| Homo sapiens defensin, beta 119 (DEFB119), transcript variant 1, mRNA; g  
gi|377520100|ref|NR\_046357.1| Homo sapiens ring finger protein 165 (RNF165), transcript variant 3, non-c  
gi|377520103|ref|NM\_015931.2| Homo sapiens chromosome 3 open reading frame 32 (C3orf32), transcrip  
gi|377520122|ref|NM\_001256754.1| Homo sapiens peroxisomal biogenesis factor 5-like (PEX5L), transcript  
gi|377520131|ref|NM\_001165947.2| Homo sapiens 5-hydroxytryptamine (serotonin) receptor 2A, G protei  
gi|377520136|ref|NM\_001256760.1| Homo sapiens 5-hydroxytryptamine (serotonin) receptor 2C, G protei  
gi|377520146|ref|NR\_046360.1| Homo sapiens family with sequence similarity 49, member B (FAM49B), tr  
gi|377520156|ref|NM\_001256766.1| Homo sapiens transmembrane protein 161A (TMEM161A), transcript  
gi|377520160|ref|NM\_024012.3| Homo sapiens 5-hydroxytryptamine (serotonin) receptor 5A, G protein-cc  
gi|377652329|ref|NM\_181509.2| Homo sapiens microtubule-associated protein 1 light chain 3 alpha (MAP:  
gi|377652335|ref|NR\_046365.1| Homo sapiens family with sequence similarity 90, member A27, pseudoge  
gi|377823706|ref|NR\_046368.1| Homo sapiens uncharacterized LOC100652853 (HP07349), non-coding RN  
gi|377823714|ref|NM\_001256789.1| Homo sapiens calcium channel, voltage-dependent, L type, alpha 1F s  
gi|377823726|ref|NR\_046369.1| Homo sapiens uncharacterized LOC100131626 (LOC100131626), transcrip  
gi|377823728|ref|NM\_001256795.1| Homo sapiens uncharacterized LOC100129083 (LOC100129083), mRN  
gi|378404896|ref|NM\_001256796.1| Homo sapiens purinergic receptor P2X, ligand-gated ion channel, 4 (P  
gi|378404902|ref|NM\_001256798.1| Homo sapiens chromosome 20 open reading frame 112 (C20orf112),  
gi|378404907|ref|NM\_001256799.1| Homo sapiens glyceraldehyde-3-phosphate dehydrogenase (GAPDH),  
gi|378548186|ref|NR\_034093.2| Homo sapiens MRVI1 antisense RNA 1 (non-protein coding) (MRVI1-AS1),  
gi|378548189|ref|NM\_001256802.1| Homo sapiens ribosomal protein S3 (RPS3), transcript variant 2, mRN  
gi|378548191|ref|NR\_046376.1| Homo sapiens uncharacterized LOC100128568 (LOC100128568), non-codi  
gi|378548194|ref|NR\_046377.1| Homo sapiens hCG1813624 (LOC728040), non-coding RNA;  
gi|378548195|ref|NR\_046378.1| Homo sapiens hCG2020170 (LOC728437), non-coding RNA;  
gi|378548217|ref|NM\_001256813.1| Homo sapiens glutamate receptor, metabotropic 4 (GRM4), transcript  
gi|378744159|ref|NR\_046383.1| Homo sapiens ALDH1L1 antisense RNA 2 (non-protein coding) (ALDH1L1-A  
gi|378744167|ref|NR\_046384.1| Homo sapiens Paf1, RNA polymerase II associated factor, homolog (S. cere  
gi|378744169|ref|NM\_001144.5| Homo sapiens autocrine motility factor receptor, E3 ubiquitin protein liga



gi|378744176|ref|NR\_046386.1| Homo sapiens ubiquitin-like with PHD and ring finger domains 2, E3 ubiquitin  
gi|378744179|ref|NR\_046388.1| Homo sapiens proline, glutamate and leucine rich protein 1 (PELP1), trans  
gi|378744182|ref|NM\_032588.3| Homo sapiens tripartite motif containing 63, E3 ubiquitin protein ligase (T  
gi|378744185|ref|NM\_001256829.1| Homo sapiens uncharacterized LOC100862671 (LOC100862671), mRN  
gi|378744187|ref|NM\_001095.3| Homo sapiens acid-sensing (proton-gated) ion channel 1 (ASIC1), transcrip  
gi|378744206|ref|NM\_003830.3| Homo sapiens sialic acid binding Ig-like lectin 5 (SIGLEC5), mRNA;  
gi|378744211|ref|NM\_001256820.1| Homo sapiens Ras-like without CAAX 1 (RIT1), transcript variant 3, mR  
gi|378786659|ref|NM\_004217.3| Homo sapiens aurora kinase B (AURKB), transcript variant 1, mRNA; gi|37  
gi|378786660|ref|NM\_024638.3| Homo sapiens queueine tRNA-ribosyltransferase domain containing 1 (QTF  
gi|378786667|ref|NM\_006600.3| Homo sapiens nuclear distribution C homolog (A. nidulans) (NUDC), mRN  
gi|378786675|ref|NM\_001256838.1| Homo sapiens zinc finger protein 382 (ZNF382), transcript variant 2, n  
gi|378786682|ref|NM\_001256841.1| Homo sapiens CD300a molecule (CD300A), transcript variant 2, mRNA/  
gi|378786686|ref|NR\_046390.1| Homo sapiens NAALADL2 antisense RNA 3 (non-protein coding) (NAALADL  
gi|378786689|ref|NR\_046391.1| Homo sapiens long intergenic non-protein coding RNA 343 (LINC00343), n  
gi|378786690|ref|NR\_046392.1| Homo sapiens long intergenic non-protein coding RNA 507 (LINC00507), n  
gi|378824465|ref|NR\_046393.1| Homo sapiens active BCR-related (ABR), transcript variant 5, non-coding R  
gi|378925599|ref|NM\_052876.3| Homo sapiens nucleus accumbens associated 1, BEN and BTB (POZ) doma  
gi|378925602|ref|NM\_178526.4| Homo sapiens solute carrier family 25, member 42 (SLC25A42), nuclear gi  
gi|378925608|ref|NR\_046397.1| Homo sapiens XIAP associated factor 1 (XAF1), transcript variant 4, non-co  
gi|378925611|ref|NR\_046400.1| Homo sapiens DIP2A intronic transcript 1 (non-protein coding) (DIP2A-IT1)  
gi|378925617|ref|NM\_004769.3| Homo sapiens acid-sensing (proton-gated) ion channel 3 (ASIC3), transcrip  
gi|378925626|ref|NM\_001042573.2| Homo sapiens endo-beta-N-acetylglucosaminidase (ENGASE), mRNA;  
gi|378925629|ref|NM\_001256852.1| Homo sapiens ubiquitin carboxyl-terminal hydrolase 17-like (LOC1002  
gi|378925631|ref|NM\_001256853.1| Homo sapiens ubiquitin carboxyl-terminal hydrolase 17-like (LOC1002  
gi|378925633|ref|NM\_001256854.1| Homo sapiens ubiquitin carboxyl-terminal hydrolase 17-like (LOC1002  
gi|378925635|ref|NM\_001256855.1| Homo sapiens ubiquitin carboxyl-terminal hydrolase 17-like (LOC1002  
gi|378925637|ref|NM\_001256857.1| Homo sapiens ubiquitin carboxyl-terminal hydrolase 17-like (LOC1002  
gi|378925641|ref|NM\_001256858.1| Homo sapiens ring finger protein 34, E3 ubiquitin protein ligase (RNF3  
gi|379030589|ref|NM\_002691.3| Homo sapiens polymerase (DNA directed), delta 1, catalytic subunit 125k  
gi|379030593|ref|NR\_046406.1| Homo sapiens thioredoxin domain containing 12 (endoplasmic reticulum)  
gi|379030595|ref|NM\_001256856.1| Homo sapiens beta-transducin repeat containing E3 ubiquitin protein  
gi|379030598|ref|NM\_001256859.1| Homo sapiens ubiquitin carboxyl-terminal hydrolase 17-like (LOC1002  
gi|379030601|ref|NM\_001256860.1| Homo sapiens ubiquitin carboxyl-terminal hydrolase 17-like (LOC1002  
gi|379030603|ref|NM\_001256861.1| Homo sapiens ubiquitin carboxyl-terminal hydrolase 17-like (LOC1002  
gi|379030605|ref|NM\_001256862.1| Homo sapiens ubiquitin carboxyl-terminal hydrolase 17-like (LOC1002  
gi|379030607|ref|NM\_001127218.2| Homo sapiens polymerase (DNA directed), delta 2, regulatory subunit  
gi|379030608|ref|NR\_046407.1| Homo sapiens long intergenic non-protein coding RNA 577 (LINC00577), n  
gi|379030609|ref|NM\_001256863.1| Homo sapiens ubiquitin carboxyl-terminal hydrolase 17-like (LOC1002  
gi|379030611|ref|NR\_046408.1| Homo sapiens fructosamine 3 kinase related protein (FN3KRP), transcript  
gi|379030613|ref|NR\_046410.1| Homo sapiens polymerase (DNA-directed), delta 3, accessory subunit (POL  
gi|379030618|ref|NM\_014787.3| Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 6 (DNAJC6), t  
gi|379030621|ref|NM\_001256867.1| Homo sapiens ubiquitin carboxyl-terminal hydrolase 17-like (LOC7284  
gi|379030625|ref|NM\_001256869.1| Homo sapiens ubiquitin specific peptidase 17-like 7 (USP17L7), mRNA  
gi|379030627|ref|NR\_003275.2| Homo sapiens ubiquitin specific peptidase 17-like 2 pseudogene (LOC3921  
gi|379030629|ref|NR\_046414.1| Homo sapiens long intergenic non-protein coding RNA 441 (LINC00441), n  
gi|379030630|ref|NM\_001256871.1| Homo sapiens ubiquitin specific peptidase 17-like 3 (USP17L3), mRNA  
gi|379030632|ref|NM\_001256872.1| Homo sapiens ubiquitin specific peptidase 17-like 8 (USP17L8), mRNA

gi|379030634|ref|NM\_001256873.1| Homo sapiens ubiquitin specific peptidase 17-like 1, pseudogene (USP  
 gi|379030636|ref|NM\_001256874.1| Homo sapiens ubiquitin specific peptidase 17-like 4 (USP17L4), mRNA  
 gi|379056365|ref|NR\_046411.1| Homo sapiens polymerase (DNA-directed), delta 4 (POLD4), transcript vari  
 gi|379056370|ref|NM\_018101.3| Homo sapiens cell division cycle associated 8 (CDCA8), transcript variant 2  
 gi|379056373|ref|NM\_001256876.1| Homo sapiens KN motif and ankyrin repeat domains 1 (KANK1), transcr  
 gi|379056377|ref|NR\_046415.1| Homo sapiens ubiquitin carboxyl-terminal hydrolase 17-like protein 2-like  
 gi|379056384|ref|NR\_046416.1| Homo sapiens ubiquitin specific peptidase 17 (USP17), non-coding RNA;  
 gi|379139236|ref|NM\_002768.3| Homo sapiens charged multivesicular body protein 1A (CHMP1A), transcr  
 gi|379317144|ref|NM\_001256891.1| Homo sapiens sorcin (SRI), transcript variant 3, mRNA; gi|38679883|r  
 gi|379317151|ref|NM\_005188.3| Homo sapiens Cbl proto-oncogene, E3 ubiquitin protein ligase (CBL), mRN  
 gi|379317152|ref|NM\_138368.4| Homo sapiens adaptor-related protein complex 5, beta 1 subunit (AP5B1)  
 gi|379317158|ref|NR\_046417.1| Homo sapiens olfactory receptor, family 4, subfamily F, member 13 pseud  
 gi|379317164|ref|NM\_001114331.2| Homo sapiens chloride channel, voltage-sensitive 7 (CLCN7), transcrip  
 gi|379317168|ref|NM\_004939.2| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box helicase 1 (DDX1), mRNA;  
 gi|379317175|ref|NM\_004728.3| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box helicase 21 (DDX21), transcrip  
 gi|379642575|ref|NM\_153036.3| Homo sapiens family with sequence similarity 26, member D (FAM26D), t  
 gi|379642583|ref|NR\_046420.1| Homo sapiens UPK1A antisense RNA 1 (non-protein coding) (UPK1A-AS1),  
 gi|379642610|ref|NM\_001256909.1| Homo sapiens cytochrome b reductase 1 (CYBRD1), transcript variant  
 gi|379642616|ref|NM\_001113567.2| Homo sapiens family with sequence similarity 211, member A (FAM211A)  
 gi|379642988|ref|NM\_001171088.2| Homo sapiens chloride channel, voltage-sensitive 2 (CLCN2), transcrip  
 gi|379642990|ref|NM\_001256932.1| Homo sapiens uncharacterized LOC730183 (LOC730183), mRNA;  
 gi|379643012|ref|NM\_001256944.1| Homo sapiens chloride channel, voltage-sensitive 4 (CLCN4), transcrip  
 gi|379643018|ref|NM\_001256947.1| Homo sapiens chromosome 1 open reading frame 86 (C1orf86), trans  
 gi|379643030|ref|NM\_207304.2| Homo sapiens muscleblind-like splicing regulator 2 (MBNL2), transcript va  
 gi|379643058|ref|NM\_001256894.1| Homo sapiens ubiquitin carboxyl-terminal hydrolase 17-like (LOC1002  
 gi|379643060|ref|NR\_046421.1| Homo sapiens idnK, gluconokinase homolog (E. coli) (IDNK), transcript vari  
 gi|379698827|ref|NR\_046428.1| Homo sapiens chloride channel, voltage-sensitive 6 (CLCN6), transcript var  
 gi|379698837|ref|NM\_001126328.2| Homo sapiens ligand of numb-protein X 1, E3 ubiquitin protein ligase  
 gi|379698850|ref|NM\_001256969.1| Homo sapiens coiled-coil domain containing 51 (CCDC51), transcript v  
 gi|380034211|ref|NR\_027365.2| Homo sapiens chromosome 12 open reading frame 32 (C12orf32), transcr  
 gi|380036024|ref|NM\_006192.4| Homo sapiens paired box 1 (PAX1), transcript variant 1, mRNA; gi|380036025|ref|NR\_024443.3| Homo sapiens uncharacterized LOC100133920 (LOC100133920), non-coding RNA;  
 gi|380036031|ref|NR\_024443.3| Homo sapiens uncharacterized LOC100133920 (LOC100133920), non-codi  
 gi|380036035|ref|NR\_024595.3| Homo sapiens DNM1 pseudogene 35 (DNM1P35), non-coding RNA;  
 gi|380036036|ref|NR\_046385.2| Homo sapiens smg-6 homolog, nonsense mediated mRNA decay factor (C. elegans) (SMG6), non-coding RNA;  
 gi|380036047|ref|NR\_046436.1| Homo sapiens patched domain containing 1 antisense (PTCHD1-AS), antisense RNA;  
 gi|380036071|ref|NR\_026964.2| Homo sapiens uncharacterized LOC26102 (DKFZP434A062), non-coding RNA;  
 gi|38016139|ref|NM\_198180.1| Homo sapiens pyroglutamylated RFamide peptide (QRFP), mRNA;  
 gi|38016159|ref|NR\_001580.1| Homo sapiens syndecan 4 pseudogene (SDC4P), non-coding RNA;  
 gi|38016905|ref|NR\_001578.1| Homo sapiens L-threonine dehydrogenase (TDH), non-coding RNA;  
 gi|38016906|ref|NM\_198194.1| Homo sapiens stomatin (STOM), transcript variant 2, mRNA; gi|38016910|ref|NR\_001578.1| Homo sapiens L-threonine dehydrogenase (TDH), non-coding RNA;  
 gi|38016912|ref|NM\_003769.2| Homo sapiens serine/arginine-rich splicing factor 9 (SRSF9), mRNA;  
 gi|38016917|ref|NM\_002956.2| Homo sapiens CAP-GLY domain containing linker protein 1 (CLIP1), transcript variant 1, mRNA;  
 gi|38016918|ref|NM\_014117.2| Homo sapiens chromosome 16 open reading frame 72 (C16orf72), mRNA;  
 gi|38016921|ref|NM\_198202.1| Homo sapiens processing of precursor 5, ribonuclease P/MRP subunit (S. cerevisiae) (PRP5), non-coding RNA;  
 gi|38016923|ref|NM\_006253.4| Homo sapiens protein kinase, AMP-activated, beta 1 non-catalytic subunit (AMPK2), non-coding RNA;  
 gi|38016927|ref|NM\_000928.2| Homo sapiens phospholipase A2, group IB (pancreas) (PLA2G1B), mRNA;  
 gi|38016928|ref|NM\_002567.2| Homo sapiens phosphatidylethanolamine binding protein 1 (PEBP1), mRNA;

gi|38016929|ref|NM\_198213.1| Homo sapiens 2'-5'-oligoadenylate synthetase-like (OASL), transcript variar

gi|38016938|ref|NM\_002150.2| Homo sapiens 4-hydroxyphenylpyruvate dioxygenase (HPD), transcript var

gi|38016939|ref|NM\_014940.2| Homo sapiens MON1 homolog B (yeast) (MON1B), mRNA;

gi|38016940|ref|NM\_014365.2| Homo sapiens heat shock 22kDa protein 8 (HSPB8), mRNA;

gi|38016944|ref|NM\_021008.2| Homo sapiens deformed epidermal autoregulatory factor 1 (Drosophila) (C

gi|38016946|ref|NM\_001735.2| Homo sapiens complement component 5 (C5), mRNA;

gi|38016956|ref|NM\_019034.2| Homo sapiens ras homolog family member F (in filopodia) (RHOF), mRNA;

gi|380254445|ref|NM\_002619.3| Homo sapiens platelet factor 4 (PF4), mRNA;

gi|380254448|ref|NM\_000085.4| Homo sapiens chloride channel, voltage-sensitive Kb (CLCNKB), transcript

gi|380254452|ref|NM\_001223.4| Homo sapiens caspase 1, apoptosis-related cysteine peptidase (CASP1), t

gi|380254460|ref|NM\_004155.5| Homo sapiens serpin peptidase inhibitor, clade B (ovalbumin), member 9

gi|380254474|ref|NM\_002500.4| Homo sapiens neuronal differentiation 1 (NEUROD1), mRNA;

gi|380254475|ref|NM\_005604.3| Homo sapiens POU class 3 homeobox 2 (POU3F2), mRNA;

gi|380254478|ref|NM\_002392.4| Homo sapiens Mdm2, p53 E3 ubiquitin protein ligase homolog (mouse) (P

gi|380254481|ref|NR\_046438.1| Homo sapiens MEIS1 antisense RNA 3 (non-protein coding) (MEIS1-AS3), r

gi|380254498|ref|NM\_001257134.1| Homo sapiens COX14 cytochrome c oxidase assembly homolog (S. cer

gi|38026914|ref|NM\_014784.2| Homo sapiens Rho guanine nucleotide exchange factor (GEF) 11 (ARHGEF1

gi|38027922|ref|NM\_006837.2| Homo sapiens COP9 constitutive photomorphogenic homolog subunit 5 (A

gi|38027945|ref|NM\_006833.4| Homo sapiens COP9 constitutive photomorphogenic homolog subunit 6 (A

gi|380418323|ref|NM\_001257135.1| Homo sapiens leukemia inhibitory factor (LIF), transcript variant 2, m

gi|380420337|ref|NM\_001257138.1| Homo sapiens itchy E3 ubiquitin protein ligase (ITCH), transcript variar

gi|380420343|ref|NM\_031407.5| Homo sapiens HECT, UBA and WWE domain containing 1, E3 ubiquitin pr

gi|380420347|ref|NR\_046442.1| Homo sapiens MAFF interacting protein (pseudogene) (MAFIP), transcript

gi|380420368|ref|NM\_016323.3| Homo sapiens HECT and RLD domain containing E3 ubiquitin protein ligas

gi|380420371|ref|NM\_004667.5| Homo sapiens HECT and RLD domain containing E3 ubiquitin protein ligas

gi|380422392|ref|NM\_030808.4| Homo sapiens nudE nuclear distribution E homolog (A. nidulans)-like 1 (N

gi|380422405|ref|NR\_046449.1| Homo sapiens CLR pseudogene (LOC374443), transcript variant 7, non-coc

gi|380422415|ref|NM\_001257168.1| Homo sapiens ELK1, member of ETS oncogene family (ELK1), transcrip

gi|38044107|ref|NM\_198184.1| Homo sapiens osteocrin (OSTN), mRNA;

gi|38044285|ref|NM\_173631.2| Homo sapiens zinc finger protein 547 (ZNF547), mRNA;

gi|38045887|ref|NM\_198123.1| Homo sapiens CUB and Sushi multiple domains 3 (CSMD3), transcript varia

gi|38045912|ref|NM\_198175.1| Homo sapiens non-metastatic cells 1, protein (NM23A) expressed in (NME:

gi|38045914|ref|NM\_002581.3| Homo sapiens pregnancy-associated plasma protein A, pappalysin 1 (PAPP

gi|38045930|ref|NM\_024787.2| Homo sapiens ring finger protein 122 (RNF122), mRNA;

gi|38045935|ref|NM\_007218.3| Homo sapiens ring finger protein 139 (RNF139), mRNA;

gi|38045936|ref|NM\_016422.3| Homo sapiens ring finger protein 141 (RNF141), mRNA;

gi|38045941|ref|NM\_003968.3| Homo sapiens ubiquitin-like modifier activating enzyme 3 (UBA3), transcrip

gi|38045947|ref|NM\_003335.2| Homo sapiens ubiquitin-like modifier activating enzyme 7 (UBA7), mRNA;

gi|38045950|ref|NM\_015394.4| Homo sapiens zinc finger protein 10 (ZNF10), mRNA;

gi|38045951|ref|NM\_021030.2| Homo sapiens zinc finger protein 14 (ZNF14), mRNA;

gi|38045953|ref|NM\_006958.2| Homo sapiens zinc finger protein 16 (ZNF16), transcript variant 1, mRNA; g

gi|38049015|ref|NM\_003008.2| Homo sapiens semenogelin II (SEMG2), mRNA;

gi|380503828|ref|NR\_046452.1| Homo sapiens IDH1 antisense RNA 1 (non-protein coding) (IDH1-AS1), non

gi|380503832|ref|NM\_001257173.1| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 19B (DDX19B

gi|380503840|ref|NM\_001257177.1| Homo sapiens uncharacterized LOC339862 (LOC339862), mRNA;

gi|380503848|ref|NM\_002290.4| Homo sapiens laminin, alpha 4 (LAMA4), transcript variant 2, mRNA; gi|3

gi|380503855|ref|NR\_046198.2| Homo sapiens uncharacterized LOC339622 (LOC339622), non-coding RNA,

gi|380503858|ref|NM\_001257180.1| Homo sapiens solute carrier family 20 (phosphate transporter), mem

gi|380503868|ref|NM\_013264.4| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box helicase 25 (DDX25), mRNA;

gi|380692309|ref|NM\_001257194.1| Homo sapiens kelch-like 3 (Drosophila) (KLHL3), transcript variant 2, n

gi|380692322|ref|NM\_001257160.1| Homo sapiens centrosomal protein 41kDa (CEP41), transcript variant

gi|380692326|ref|NM\_019082.3| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box helicase 56 (DDX56), transcrip

gi|380692330|ref|NR\_046457.1| Homo sapiens uncharacterized LOC284260 (LOC284260), transcript varian

gi|380692335|ref|NM\_005857.4| Homo sapiens zinc metallopeptidase STE24 homolog (S. cerevisiae) (ZMP

gi|380692336|ref|NM\_172020.3| Homo sapiens POM121 transmembrane nucleoporin (POM121), transcrip

gi|380692348|ref|NM\_207305.4| Homo sapiens forkhead box D4 (FOXD4), mRNA;

gi|380714664|ref|NM\_001257198.1| Homo sapiens cullin 3 (CUL3), transcript variant 3, mRNA; gi|3807146

gi|380714666|ref|NM\_005276.3| Homo sapiens glycerol-3-phosphate dehydrogenase 1 (soluble) (GPD1), tr

gi|380714674|ref|NM\_024700.3| Homo sapiens Smad nuclear interacting protein 1 (SNIP1), mRNA;

gi|380714676|ref|NR\_046461.1| Homo sapiens mitochondrial intermediate peptidase pseudogene 3 (MIPE

gi|380748931|ref|NR\_015379.3| Homo sapiens urothelial cancer associated 1 (non-protein coding) (UCA1),

gi|380748934|ref|NM\_033136.3| Homo sapiens fibroblast growth factor 1 (acidic) (FGF1), transcript variant

gi|380748962|ref|NM\_033517.1| Homo sapiens SH3 and multiple ankyrin repeat domains 3 (SHANK3), mRN

gi|380837120|ref|NM\_004892.5| Homo sapiens SEC22 vesicle trafficking protein homolog B (S. cerevisiae) (

gi|380862358|ref|NM\_033647.3| Homo sapiens helicase (DNA) B (HELB), mRNA;

gi|380862360|ref|NM\_016489.12| Homo sapiens 5'-nucleotidase, cytosolic III (NT5C3), transcript variant 3,

gi|380862374|ref|NR\_046462.1| Homo sapiens family with sequence similarity 169, member A (FAM169A),

gi|38093644|ref|NM\_198275.1| Homo sapiens myelin protein zero-like 3 (MPZL3), mRNA;

gi|38093660|ref|NM\_198283.1| Homo sapiens eyes shut homolog (Drosophila) (EYS), transcript variant 3, n

gi|381140046|ref|NM\_001257268.1| Homo sapiens retinal degeneration 3-like (RD3L), mRNA;

gi|381140050|ref|NM\_014989.5| Homo sapiens regulating synaptic membrane exocytosis 1 (RIMS1), transcr

gi|381214343|ref|NM\_003047.4| Homo sapiens solute carrier family 9, subfamily A (NHE1, cation proton ar

gi|381214354|ref|NM\_004252.4| Homo sapiens solute carrier family 9, subfamily A (NHE3, cation proton ar

gi|381214356|ref|NR\_046477.1| Homo sapiens DIS3 mitotic control homolog (S. cerevisiae)-like 2 (DIS3L2),

gi|381342466|ref|NM\_032591.2| Homo sapiens solute carrier family 9, subfamily A (NHE7, cation proton ar

gi|381342474|ref|NR\_046479.1| Homo sapiens FK506 binding protein 14, 22 kDa (FKBP14), transcript varia

gi|381342479|ref|NM\_024589.2| Homo sapiens rogd1 homolog (Drosophila) (ROGDI), transcript variant 1, n

gi|381342489|ref|NR\_002728.3| Homo sapiens KCNQ1 opposite strand/antisense transcript 1 (non-protein

gi|381388753|ref|NR\_047510.1| Homo sapiens N-6 adenine-specific DNA methyltransferase 1 (putative) (N

gi|381388756|ref|NM\_030788.3| Homo sapiens dendrocyte expressed seven transmembrane protein (DCS

gi|381388774|ref|NM\_001257325.1| Homo sapiens amyloid beta (A4) precursor protein-binding, family B, i

gi|38146093|ref|NM\_005481.2| Homo sapiens mediator complex subunit 16 (MED16), mRNA;

gi|38146100|ref|NM\_018119.2| Homo sapiens polymerase (RNA) III (DNA directed) polypeptide E (80kD) (P

gi|38146102|ref|NM\_032631.2| Homo sapiens hepatoma-derived growth factor-related protein 2 (HDGFRP

gi|38146114|ref|NM\_018416.2| Homo sapiens forkhead box J2 (FOXJ2), mRNA;

gi|38146117|ref|NM\_198264.1| Homo sapiens family with sequence similarity 189, member B (FAM189B),

gi|38149839|ref|NM\_015490.3| Homo sapiens SEC31 homolog B (S. cerevisiae) (SEC31B), mRNA;

gi|38149990|ref|NM\_003091.3| Homo sapiens small nuclear ribonucleoprotein polypeptides B and B1 (SNR

gi|38176147|ref|NR\_001566.1| Homo sapiens telomerase RNA component (TERC), telomerase RNA;

gi|38176148|ref|NM\_033553.2| Homo sapiens guanylate cyclase activator 2A (guanylin) (GUCA2A), mRNA;

gi|38176150|ref|NM\_030650.1| Homo sapiens KIAA1715 (KIAA1715), mRNA;

gi|38176162|ref|NM\_018434.4| Homo sapiens ring finger protein 130 (RNF130), mRNA;

gi|38176289|ref|NM\_004276.3| Homo sapiens calcium binding protein 1 (CABP1), transcript variant 2, mRNA

gi|38176298|ref|NM\_183062.2| Homo sapiens protease, serine, 38 (PRSS38), mRNA;

gi|38176299|ref|NM\_006617.1| Homo sapiens nestin (NES), mRNA;

gi|38194223|ref|NM\_005298.2| Homo sapiens G protein-coupled receptor 25 (GPR25), mRNA;

gi|38201613|ref|NM\_198205.1| Homo sapiens MAX-like protein X (MLX), transcript variant 1, mRNA; gi|38201654|ref|NM\_019071.2| Homo sapiens inhibitor of growth family, member 3 (ING3), transcript variant 1, mRNA;

gi|38201660|ref|NM\_005537.3| Homo sapiens inhibitor of growth family, member 1 (ING1), transcript variant 1, mRNA;

gi|38201673|ref|NM\_032329.4| Homo sapiens inhibitor of growth family, member 5 (ING5), mRNA;

gi|38201679|ref|NM\_198265.1| Homo sapiens SPO11 meiotic protein covalently bound to DSB homolog (SPO11-DSB), mRNA;

gi|38201688|ref|NM\_002883.2| Homo sapiens Ran GTPase activating protein 1 (RANGAP1), mRNA;

gi|38201689|ref|NM\_002886.2| Homo sapiens RAP2B, member of RAS oncogene family (RAP2B), mRNA;

gi|38201691|ref|NM\_007368.2| Homo sapiens RAS p21 protein activator 3 (RASA3), mRNA;

gi|38201712|ref|NM\_001406.3| Homo sapiens ephrin-B3 (EFNB3), mRNA;

gi|38201713|ref|NM\_001419.2| Homo sapiens ELAV (embryonic lethal, abnormal vision, Drosophila)-like 1 (ELAVL1), mRNA;

gi|38202203|ref|NM\_016107.3| Homo sapiens zinc finger RNA binding protein (ZFR), mRNA;

gi|38202213|ref|NM\_006364.2| Homo sapiens Sec23 homolog A (S. cerevisiae) (SEC23A), mRNA;

gi|38202215|ref|NM\_005417.3| Homo sapiens v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog 2 (SRC), mRNA;

gi|38202223|ref|NM\_004745.3| Homo sapiens discs, large (Drosophila) homolog-associated protein 2 (DLGAP2), mRNA;

gi|38202227|ref|NM\_003930.3| Homo sapiens src kinase associated phosphoprotein 2 (SKAP2), mRNA;

gi|38202233|ref|NM\_052864.2| Homo sapiens TRAF-interacting protein with forkhead-associated domain (TRAFIP), mRNA;

gi|38202240|ref|NM\_198239.1| Homo sapiens WNT1 inducible signaling pathway protein 3 (WISP3), transcript variant 1, mRNA;

gi|38202245|ref|NM\_014723.2| Homo sapiens syntrophin (SNPH), mRNA;

gi|38202248|ref|NM\_080764.2| Homo sapiens zinc finger protein 280B (ZNF280B), mRNA;

gi|38202254|ref|NM\_152295.3| Homo sapiens threonyl-tRNA synthetase (TARS), mRNA;

gi|38202256|ref|NM\_198334.1| Homo sapiens glucosidase, alpha; neutral AB (GANAB), transcript variant 2, mRNA;

gi|382544786|ref|NR\_047514.1| Homo sapiens antisense of IGF2R RNA (non-protein coding) (AIRN), transcript variant 1, non-coding RNA;

gi|382546178|ref|NM\_001001935.2| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial F1 complex subunit c (ATP5C), mRNA;

gi|38261961|ref|NM\_018179.3| Homo sapiens activating transcription factor 7 interacting protein (ATF7IP), mRNA;

gi|38261972|ref|NM\_024551.2| Homo sapiens adiponectin receptor 2 (ADIPOR2), mRNA;

gi|383087727|ref|NM\_006517.4| Homo sapiens solute carrier family 16, member 2 (thyroid hormone transporter) (SLC16A2), mRNA;

gi|383087740|ref|NR\_001564.2| Homo sapiens X (inactive)-specific transcript (non-protein coding) (XIST), non-coding RNA;

gi|383087756|ref|NM\_198590.2| Homo sapiens basigin (Ok blood group) (BSG), transcript variant 3, mRNA;

gi|383209652|ref|NM\_001257359.1| Homo sapiens sterile alpha motif domain containing 14 (SAMD14), transcript variant 1, mRNA;

gi|383209654|ref|NM\_198998.2| Homo sapiens aquaporin 12A (AQP12A), mRNA;

gi|383209655|ref|NM\_004037.7| Homo sapiens adenosine monophosphate deaminase 2 (AMPD2), transcript variant 1, mRNA;

gi|383209664|ref|NR\_033870.2| Homo sapiens uncharacterized LOC401014 (DKFZp686O1327), non-coding RNA;

gi|383209666|ref|NR\_046470.2| Homo sapiens maternally expressed 3 (non-protein coding) (MEG3), transcript variant 1, non-coding RNA;

gi|383209669|ref|NM\_001257362.1| Homo sapiens POTE ankyrin domain family member D-like (LOC100286), transcript variant 1, mRNA;

gi|383209672|ref|NM\_001257363.1| Homo sapiens carnitine O-acetyltransferase (CRAT), transcript variant 1, mRNA;

gi|38327036|ref|NM\_020897.1| Homo sapiens hyperpolarization activated cyclic nucleotide-gated potassium channel 4 (HCN4), mRNA;

gi|38327038|ref|NM\_002154.3| Homo sapiens heat shock 70kDa protein 4 (HSPA4), mRNA;

gi|38327520|ref|NM\_004673.3| Homo sapiens angiopoietin-like 1 (ANGPTL1), mRNA;

gi|38327521|ref|NM\_014391.2| Homo sapiens ankyrin repeat domain 1 (cardiac muscle) (ANKRD1), mRNA;

gi|38327532|ref|NM\_016133.2| Homo sapiens insulin induced gene 2 (INSIG2), mRNA;

gi|38327534|ref|NM\_005543.2| Homo sapiens insulin-like 3 (Leydig cell) (INSL3), mRNA;

gi|38327547|ref|NM\_198333.1| Homo sapiens purinergic receptor P2Y, G-protein coupled, 10 (P2RY10), transcript variant 1, mRNA;

gi|38327551|ref|NM\_198395.1| Homo sapiens GTPase activating protein (SH3 domain) binding protein 1 (GABP1), mRNA;

gi|38327557|ref|NM\_004120.3| Homo sapiens guanylate binding protein 2, interferon-inducible (GBP2), mRNA;

gi|38327560|ref|NM\_006282.2| Homo sapiens serine/threonine kinase 4 (STK4), mRNA;

gi|38327563|ref|NM\_198433.1| Homo sapiens aurora kinase A (AURKA), transcript variant 1, mRNA; gi|38327613|ref|NM\_015966.2| Homo sapiens ERGIC and golgi 3 (ERGIC3), transcript variant 2, mRNA; gi|38327621|ref|NM\_007005.3| Homo sapiens transducin-like enhancer of split 4 (E(sp1) homolog, Drosophila); gi|38327624|ref|NM\_004077.2| Homo sapiens citrate synthase (CS), nuclear gene encoding mitochondrial isoform; gi|38327628|ref|NM\_182505.3| Homo sapiens chromosome 9 open reading frame 85 (C9orf85), mRNA; gi|38327633|ref|NM\_006773.3| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 18 (DDX18), mRNA; gi|38327635|ref|NM\_024496.2| Homo sapiens interferon regulatory factor 2 binding protein-like (IRF2BP1), mRNA; gi|38327637|ref|NM\_006368.4| Homo sapiens cAMP responsive element binding protein 3 (CREB3), mRNA; gi|38327639|ref|NM\_001334.2| Homo sapiens cathepsin O (CTSO), mRNA; gi|38327640|ref|NM\_005220.2| Homo sapiens distal-less homeobox 3 (DLX3), mRNA; gi|383276548|ref|NR\_047526.1| Homo sapiens uncharacterized LOC643837 (LOC643837), transcript variant 1; gi|383276549|ref|NR\_024457.2| Homo sapiens uncharacterized LOC100190940 (LOC100190940), non-coding RNA; gi|383276550|ref|NR\_047527.1| Homo sapiens fibroblast growth factor 7 pseudogene (KGFLP1), transcript variant 1; gi|383276552|ref|NR\_002788.2| Homo sapiens cytochrome P450, family 4, subfamily Z, polypeptide 2 pseudogene; gi|383276554|ref|NR\_002947.2| Homo sapiens testicular cell adhesion molecule 1 homolog (mouse), pseudogene; gi|383286744|ref|NR\_047518.1| Homo sapiens HOX transcript antisense RNA (non-protein coding) (HOTAIR); gi|383286746|ref|NM\_001165413.2| Homo sapiens serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1) (SERPINE1), mRNA; gi|383387809|ref|NR\_047529.1| Homo sapiens sialic acid binding Ig-like lectin, pseudogene 3 (SIGLECP3), transcript variant 1; gi|383387815|ref|NM\_001257370.1| Homo sapiens essential meiotic endonuclease 1 homolog 2 (S. pombe); gi|38348194|ref|NR\_001587.1| Homo sapiens aurora kinase A pseudogene 1 (AURKAPS1), non-coding RNA; gi|38348201|ref|NM\_198443.1| Homo sapiens neuritin 1-like (NRN1L), mRNA; gi|38348210|ref|NM\_198447.1| Homo sapiens golgi transport 1A (GOLT1A), mRNA; gi|38348269|ref|NM\_198477.1| Homo sapiens chemokine (C-X-C motif) ligand 17 (CXCL17), mRNA; gi|38348279|ref|NM\_198482.1| Homo sapiens SH2 domain containing 6 (SH2D6), mRNA; gi|38348291|ref|NM\_198489.1| Homo sapiens coiled-coil domain containing 84 (CCDC84), mRNA; gi|38348293|ref|NM\_198491.1| Homo sapiens family with sequence similarity 92, member B (FAM92B), mRNA; gi|38348303|ref|NM\_198496.1| Homo sapiens von Willebrand factor A domain containing 2 (VWA2), mRNA; gi|38348309|ref|NM\_198498.1| Homo sapiens chromosome 11 open reading frame 53 (C11orf53), mRNA; gi|38348321|ref|NM\_198507.1| Homo sapiens family with sequence similarity 174, member A (FAM174A), mRNA; gi|38348339|ref|NM\_198512.1| Homo sapiens diacylglycerol O-acyltransferase 2-like 6 (DGAT2L6), mRNA; gi|38348355|ref|NM\_198524.1| Homo sapiens testis expressed 9 (TEX9), mRNA; gi|38348369|ref|NM\_198541.1| Homo sapiens IGF-like family member 1 (IGFL1), mRNA; gi|38348381|ref|NM\_198546.1| Homo sapiens spermatogenesis associated 21 (SPATA21), mRNA; gi|38348395|ref|NM\_198559.1| Homo sapiens chromosome 2 open reading frame 62 (C2orf62), mRNA; gi|38348405|ref|NM\_198565.1| Homo sapiens leucine rich repeat containing 33 (LRRC33), mRNA; gi|38348728|ref|NM\_173550.2| Homo sapiens coiled-coil domain containing 171 (CCDC171), mRNA; gi|38371743|ref|NM\_198698.1| Homo sapiens keratin associated protein 12-4 (KRTAP12-4), mRNA; gi|38372900|ref|NM\_138473.2| Homo sapiens Sp1 transcription factor (SP1), transcript variant 1, mRNA; gi|38372914|ref|NM\_058187.3| Homo sapiens family with sequence similarity 176, member C (FAM176C), mRNA; gi|38372928|ref|NM\_033254.2| Homo sapiens Boc homolog (mouse) (BOC), mRNA; gi|38372930|ref|NM\_198427.1| Homo sapiens brevican (BCAN), transcript variant 2, mRNA; gi|38372932|ref|NM\_198426.1| Homo sapiens charged multivesicular body protein 2A (CHMP2A), transcript variant 1; gi|38373672|ref|NM\_014258.2| Homo sapiens synaptonemal complex protein 2 (SYCP2), mRNA; gi|38373674|ref|NM\_005312.2| Homo sapiens Rap guanine nucleotide exchange factor (GEF) 1 (RAPGEF1), mRNA; gi|38373689|ref|NM\_016129.2| Homo sapiens COP9 constitutive photomorphogenic homolog subunit 4 (COP9US4), mRNA; gi|38373691|ref|NM\_005324.3| Homo sapiens H3 histone, family 3B (H3.3B) (H3F3B), mRNA; gi|383792143|ref|NM\_004321.6| Homo sapiens kinesin family member 1A (KIF1A), transcript variant 2, mRNA

gi|383792148|ref|NM\_170708.3| Homo sapiens lamin A/C (LMNA), transcript variant 3, mRNA; gi|3837921  
 gi|383792151|ref|NM\_182835.2| Homo sapiens sec1 family domain containing 1 (SCFD1), transcript variant  
 gi|383792160|ref|NM\_003705.4| Homo sapiens solute carrier family 25 (aspartate/glutamate carrier), men  
 gi|383792164|ref|NM\_206900.2| Homo sapiens reticulon 2 (RTN2), transcript variant 2, mRNA; gi|3837921  
 gi|383792182|ref|NM\_007245.3| Homo sapiens ataxin 2-like (ATXN2L), transcript variant A, mRNA; gi|3837  
 gi|383842755|ref|NM\_021988.5| Homo sapiens ubiquitin-conjugating enzyme E2 variant 1 (UBE2V1), trans  
 gi|383872437|ref|NM\_001780.5| Homo sapiens CD63 molecule (CD63), transcript variant 1, mRNA;  
 gi|383872606|ref|NM\_012481.4| Homo sapiens IKAROS family zinc finger 3 (Aiolos) (IKZF3), transcript varia  
 gi|383932336|ref|NM\_014476.5| Homo sapiens PDZ and LIM domain 3 (PDLIM3), transcript variant 1, mRN  
 gi|384229033|ref|NM\_000418.3| Homo sapiens interleukin 4 receptor (IL4R), transcript variant 1, mRNA;  
 gi|384229046|ref|NM\_001953.4| Homo sapiens thymidine phosphorylase (TYMP), transcript variant 2, mRN  
 gi|384229062|ref|NM\_182984.4| Homo sapiens TRM2 tRNA methyltransferase 2 homolog A (S. cerevisiae)  
 gi|384229067|ref|NR\_015377.2| Homo sapiens uncharacterized LOC654433 (LOC654433), transcript varian  
 gi|38424080|ref|NM\_198704.1| Homo sapiens hydroxysteroid (11-beta) dehydrogenase 1-like (HSD11B1L),  
 gi|384367980|ref|NM\_201653.3| Homo sapiens chitinase, acidic (CHIA), transcript variant 4, mRNA; gi|384  
 gi|384367996|ref|NM\_017984.4| Homo sapiens zinc finger, CW type with PWWP domain 1 (ZCWPW1), tran  
 gi|38454193|ref|NM\_014444.2| Homo sapiens tubulin, gamma complex associated protein 4 (TUBGCP4), m  
 gi|38454325|ref|NM\_001775.2| Homo sapiens CD38 molecule (CD38), mRNA;  
 gi|38455386|ref|NM\_021572.4| Homo sapiens ectonucleotide pyrophosphatase/phosphodiesterase 5 (put  
 gi|38455389|ref|NM\_016563.2| Homo sapiens RAS-like, family 12 (RASL12), mRNA;  
 gi|38455390|ref|NM\_006397.2| Homo sapiens ribonuclease H2, subunit A (RNASEH2A), mRNA;  
 gi|38455393|ref|NM\_019896.2| Homo sapiens polymerase (DNA-directed), epsilon 4 (p12 subunit) (POLE4)  
 gi|38455395|ref|NM\_006161.2| Homo sapiens neurogenin 1 (NEUROG1), mRNA;  
 gi|38455408|ref|NM\_014260.2| Homo sapiens prefoldin subunit 6 (PFDN6), transcript variant 2, mRNA; gi|  
 gi|38455412|ref|NM\_002030.3| Homo sapiens formyl peptide receptor 3 (FPR3), mRNA;  
 gi|38455417|ref|NM\_138805.2| Homo sapiens family with sequence similarity 3, member D (FAM3D), mRN  
 gi|38455425|ref|NM\_133467.2| Homo sapiens Cbp/p300-interacting transactivator, with Glu/Asp-rich carb  
 gi|38455428|ref|NM\_176813.3| Homo sapiens anterior gradient 3 homolog (Xenopus laevis) (AGR3), mRNA  
 gi|38488726|ref|NM\_016625.2| Homo sapiens arginine/serine-rich coiled-coil 1 (RSRC1), mRNA;  
 gi|38490567|ref|NM\_198687.1| Homo sapiens keratin associated protein 10-4 (KRTAP10-4), mRNA;  
 gi|38490586|ref|NM\_198699.1| Homo sapiens keratin associated protein 10-12 (KRTAP10-12), mRNA;  
 gi|38505154|ref|NM\_003195.4| Homo sapiens transcription elongation factor A (SII), 2 (TCEA2), transcript v  
 gi|38505158|ref|NM\_006602.2| Homo sapiens transcription factor-like 5 (basic helix-loop-helix) (TCFL5), m  
 gi|38505160|ref|NM\_198795.1| Homo sapiens tudor domain containing 1 (TDRD1), mRNA;  
 gi|38505185|ref|NM\_198718.1| Homo sapiens prostaglandin E receptor 3 (subtype EP3) (PTGER3), transcri  
 gi|38505191|ref|NM\_000953.2| Homo sapiens prostaglandin D2 receptor (DP) (PTGDR), mRNA;  
 gi|38505192|ref|NM\_000954.5| Homo sapiens prostaglandin D2 synthase 21kDa (brain) (PTGDS), mRNA;  
 gi|38505193|ref|NM\_000955.2| Homo sapiens prostaglandin E receptor 1 (subtype EP1), 42kDa (PTGER1), i  
 gi|38505196|ref|NM\_000958.2| Homo sapiens prostaglandin E receptor 4 (subtype EP4) (PTGER4), mRNA;  
 gi|38505202|ref|NM\_012388.2| Homo sapiens pallidin homolog (mouse) (PLDN), mRNA;  
 gi|38505203|ref|NM\_016307.3| Homo sapiens paired related homeobox 2 (PRRX2), mRNA;  
 gi|38505206|ref|NM\_024808.2| Homo sapiens bora, aurora kinase A activator (BORA), mRNA;  
 gi|38505216|ref|NM\_024560.2| Homo sapiens acyl-CoA synthetase short-chain family member 3 (ACSS3), r  
 gi|38505219|ref|NM\_017888.2| Homo sapiens acyl-CoA synthetase medium-chain family member 5 (ACSM  
 gi|38505221|ref|NM\_019022.3| Homo sapiens thioredoxin-related transmembrane protein 3 (TMX3), mRN  
 gi|38505264|ref|NM\_006141.2| Homo sapiens dynein, cytoplasmic 1, light intermediate chain 2 (DYNC1LI2  
 gi|38505265|ref|NM\_052951.2| Homo sapiens deoxynucleotidyltransferase, terminal, interacting protein 1





gi|38683861|ref|NM\_005052.2| Homo sapiens ras-related C3 botulinum toxin substrate 3 (rho family, small GTP-binding protein 3) (RHOA), mRNA;

gi|38683864|ref|NM\_032626.5| Homo sapiens retinoblastoma binding protein 6 (RBBP6), transcript variant 1, mRNA;

gi|38708168|ref|NM\_031953.2| Homo sapiens sorting nexin 25 (SNX25), mRNA;

gi|38708298|ref|NM\_001532.2| Homo sapiens solute carrier family 29 (nucleoside transporters), member 2 (SLC29A2), mRNA;

gi|38708312|ref|NM\_181718.3| Homo sapiens aspartate beta-hydroxylase domain containing 1 (ASPHD1), mRNA;

gi|38708320|ref|NM\_017553.1| Homo sapiens INO80 homolog (S. cerevisiae) (INO80), mRNA;

gi|38708325|ref|NM\_001896.2| Homo sapiens casein kinase 2, alpha prime polypeptide (CSNK2A2), mRNA;

gi|38787903|ref|NM\_017593.3| Homo sapiens BMP2 inducible kinase (BMP2K), transcript variant 2, mRNA;

gi|38787956|ref|NM\_170754.2| Homo sapiens tensin like C1 domain containing phosphatase (tensin 2) (TEP1), mRNA;

gi|38788107|ref|NM\_003021.3| Homo sapiens small glutamine-rich tetratricopeptide repeat (TPR)-containing protein 1 (TPR1), mRNA;

gi|38788192|ref|NM\_005226.2| Homo sapiens sphingosine-1-phosphate receptor 3 (S1PR3), mRNA;

gi|38788242|ref|NM\_013262.3| Homo sapiens myosin regulatory light chain interacting protein (MYLIP), mRNA;

gi|38788332|ref|NM\_016578.3| Homo sapiens remodeling and spacing factor 1 (RSF1), mRNA;

gi|38788352|ref|NM\_006402.2| Homo sapiens hepatitis B virus x interacting protein (HBXIP), mRNA;

gi|39204546|ref|NM\_153614.2| Homo sapiens DnaJ (Hsp40) homolog, subfamily B, member 13 (DNAJB13), mRNA;

gi|39573714|ref|NR\_001590.1| Homo sapiens interferon induced transmembrane protein 4 pseudogene (IFITM4P), mRNA;

gi|39653316|ref|NM\_018039.2| Homo sapiens lysine (K)-specific demethylase 4D (KDM4D), mRNA;

gi|39725651|ref|NM\_032348.2| Homo sapiens matrix-remodelling associated 8 (MXRA8), mRNA;

gi|39725655|ref|NM\_032376.2| Homo sapiens transmembrane protein 101 (TMEM101), mRNA;

gi|39725659|ref|NM\_032773.2| Homo sapiens leucine-rich repeats and calponin homology (CH) domain containing protein 1 (LRC1), mRNA;

gi|39725660|ref|NM\_032927.2| Homo sapiens transmembrane protein 128 (TMEM128), mRNA;

gi|39725665|ref|NM\_080662.2| Homo sapiens peroxisomal biogenesis factor 11 gamma (PEX11G), mRNA;

gi|39725666|ref|NM\_080670.2| Homo sapiens solute carrier family 35, member A4 (SLC35A4), mRNA;

gi|39725674|ref|NM\_021079.3| Homo sapiens N-myristoyltransferase 1 (NMT1), mRNA;

gi|39725675|ref|NM\_005851.3| Homo sapiens cyclin-dependent kinase 2 associated protein 2 (CDK2AP2), mRNA;

gi|39725684|ref|NM\_025150.3| Homo sapiens threonyl-tRNA synthetase 2, mitochondrial (putative) (TARS2), mRNA;

gi|39725935|ref|NM\_016930.2| Homo sapiens syntaxin 18 (STX18), mRNA;

gi|39725945|ref|NM\_016533.4| Homo sapiens ninjurin 2 (NINJ2), mRNA;

gi|39725959|ref|NM\_175852.3| Homo sapiens taxilin alpha (TXLNA), mRNA;

gi|39752662|ref|NM\_198988.1| Homo sapiens leukocyte receptor cluster (LRC) member 9 (LENG9), mRNA;

gi|39753951|ref|NM\_005003.2| Homo sapiens NADH dehydrogenase (ubiquinone) 1, alpha/beta subcomplex (ND1), mRNA;

gi|39753952|ref|NM\_176814.3| Homo sapiens zinc finger protein 800 (ZNF800), mRNA;

gi|39753954|ref|NM\_016641.3| Homo sapiens glycerophosphodiester phosphodiesterase 1 (GDE1), mRNA;

gi|39753955|ref|NM\_175834.2| Homo sapiens keratin 79 (KRT79), mRNA;

gi|39753956|ref|NM\_015602.2| Homo sapiens torsin A interacting protein 1 (TOR1AIP1), mRNA;

gi|39753964|ref|NM\_033055.2| Homo sapiens hippocampus abundant transcript 1 (HIAT1), mRNA;

gi|39777585|ref|NM\_198963.1| Homo sapiens DEAH (Asp-Glu-Ala-Asp/His) box polypeptide 57 (DHX57), mRNA;

gi|39777587|ref|NM\_022917.4| Homo sapiens nucleolar protein family 6 (RNA-associated) (NOL6), transcript variant 1, mRNA;

gi|39777591|ref|NM\_030777.3| Homo sapiens solute carrier family 2 (facilitated glucose transporter), member 1 (SLC2A2), mRNA;

gi|39777592|ref|NM\_020062.3| Homo sapiens SLC2A4 regulator (SLC2A4RG), mRNA;

gi|39777593|ref|NM\_016354.3| Homo sapiens solute carrier organic anion transporter family, member 4A1 (SLC4A1), mRNA;

gi|39777596|ref|NM\_004613.2| Homo sapiens transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyl cross-linking) (TG2), mRNA;

gi|39777603|ref|NM\_198977.1| Homo sapiens Rho guanine nucleotide exchange factor (GEF) 1 (ARHGEF1), mRNA;

gi|39777613|ref|NM\_198935.1| Homo sapiens synovial sarcoma translocation gene on chromosome 18-like 1 (SS18L), mRNA;

gi|39780551|ref|NM\_018052.3| Homo sapiens Vac14 homolog (S. cerevisiae) (VAC14), mRNA;

gi|39780587|ref|NM\_018128.4| Homo sapiens TSR1, 20S rRNA accumulation, homolog (S. cerevisiae) (TSR1), mRNA;

gi|39812026|ref|NM\_198970.1| Homo sapiens amino-terminal enhancer of split (AES), transcript variant 3, mRNA;

gi|39812054|ref|NM\_199004.1| Homo sapiens arrestin, beta 2 (ARRB2), transcript variant 2, mRNA; gi|382  
 gi|39812071|ref|NM\_030811.3| Homo sapiens mitochondrial ribosomal protein S26 (MRPS26), nuclear gen  
 gi|39812087|ref|NM\_006811.2| Homo sapiens serine incorporator 3 (SERINC3), transcript variant 1, mRNA;  
 gi|39812196|ref|NM\_198955.1| Homo sapiens mannosyl (alpha-1,6-)-glycoprotein beta-1,6-N-acetyl-glucos  
 gi|39812204|ref|NM\_025164.3| Homo sapiens SIK family kinase 3 (SIK3), mRNA;  
 gi|39812228|ref|NM\_002269.2| Homo sapiens karyopherin alpha 5 (importin alpha 6) (KPNA5), mRNA;  
 gi|39812261|ref|NM\_003530.3| Homo sapiens histone cluster 1, H3d (HIST1H3D), mRNA;  
 gi|39812354|ref|NM\_198944.1| Homo sapiens olfactory receptor, family 7, subfamily C, member 1 (OR7C1  
 gi|39812377|ref|NM\_005493.2| Homo sapiens RAN binding protein 9 (RANBP9), mRNA;  
 gi|39812427|ref|NM\_006455.2| Homo sapiens leprecan-like 4 (LEPREL4), mRNA;  
 gi|39812473|ref|NM\_003222.3| Homo sapiens transcription factor AP-2 gamma (activating enhancer bindir  
 gi|39812491|ref|NM\_198976.1| Homo sapiens TH1-like (Drosophila) (TH1L), transcript variant 1, mRNA;  
 gi|39930354|ref|NM\_015448.1| Homo sapiens deleted in primary ciliary dyskinesia homolog (mouse) (DPCI  
 gi|39930370|ref|NM\_017516.1| Homo sapiens RAB39A, member RAS oncogene family (RAB39A), mRNA;  
 gi|39930382|ref|NM\_020063.1| Homo sapiens BarH-like homeobox 2 (BARHL2), mRNA;  
 gi|39930398|ref|NM\_021202.1| Homo sapiens tumor protein p53 inducible nuclear protein 2 (TP53INP2), n  
 gi|39930468|ref|NM\_032194.1| Homo sapiens ribosome production factor 2 homolog (S. cerevisiae) (RPF2  
 gi|39930516|ref|NM\_138352.1| Homo sapiens sterile alpha motif domain containing 1 (SAMD1), mRNA;  
 gi|39930522|ref|NM\_138471.1| Homo sapiens chromosome 11 open reading frame 84 (C11orf84), mRNA;  
 gi|39930530|ref|NM\_173654.1| Homo sapiens chromosome 3 open reading frame 64 (C3orf64), mRNA;  
 gi|39930540|ref|NM\_183241.1| Homo sapiens chromosome 9 open reading frame 142 (C9orf142), mRNA;  
 gi|39932588|ref|NM\_033515.2| Homo sapiens Rho GTPase activating protein 18 (ARHGAP18), mRNA;  
 gi|39979637|ref|NM\_199051.1| Homo sapiens family with sequence similarity 5, member C (FAM5C), mRN  
 gi|39995063|ref|NM\_015368.3| Homo sapiens pannexin 1 (PANX1), mRNA;  
 gi|39995066|ref|NM\_052959.2| Homo sapiens pannexin 3 (PANX3), mRNA;  
 gi|39995072|ref|NM\_007065.3| Homo sapiens cell division cycle 37 homolog (S. cerevisiae) (CDC37), mRNA  
 gi|39995073|ref|NM\_079421.2| Homo sapiens cyclin-dependent kinase inhibitor 2D (p19, inhibits CDK4) (C  
 gi|39995083|ref|NM\_023015.3| Homo sapiens integrator complex subunit 3 (INTS3), mRNA;  
 gi|39995085|ref|NM\_024959.2| Homo sapiens solute carrier family 24 (sodium/lithium/calcium exchanger)  
 gi|39995088|ref|NM\_198964.1| Homo sapiens parathyroid hormone-like hormone (PTHLH), transcript vari  
 gi|39995095|ref|NM\_000960.3| Homo sapiens prostaglandin I2 (prostacyclin) receptor (IP) (PTGIR), mRNA;  
 gi|39995097|ref|NM\_005048.2| Homo sapiens parathyroid hormone 2 receptor (PTH2R), mRNA;  
 gi|39995098|ref|NM\_000315.2| Homo sapiens parathyroid hormone (PTH), mRNA;  
 gi|39995106|ref|NM\_033015.2| Homo sapiens Fas-activated serine/threonine kinase (FASTK), transcript va  
 gi|40018625|ref|NM\_130807.2| Homo sapiens MOB kinase activator 3A (MOB3A), mRNA;  
 gi|40018628|ref|NM\_015275.1| Homo sapiens KIAA1033 (KIAA1033), mRNA;  
 gi|40018632|ref|NM\_004508.2| Homo sapiens isopentenyl-diphosphate delta isomerase 1 (IDI1), mRNA;  
 gi|40018645|ref|NM\_017926.2| Homo sapiens chromosome 14 open reading frame 118 (C14orf118), trans  
 gi|40068036|ref|NM\_014450.2| Homo sapiens signaling threshold regulating transmembrane adaptor 1 (SI  
 gi|40068037|ref|NM\_016524.2| Homo sapiens synaptotagmin XVII (SYT17), mRNA;  
 gi|40068058|ref|NM\_004882.3| Homo sapiens corepressor interacting with RBPJ, 1 (CIR1), mRNA;  
 gi|40068062|ref|NM\_017772.2| Homo sapiens TBC1 domain family, member 22B (TBC1D22B), mRNA;  
 gi|40068460|ref|NM\_007284.3| Homo sapiens twinfilin, actin-binding protein, homolog 2 (Drosophila) (TW  
 gi|40068478|ref|NM\_024864.3| Homo sapiens mitochondrial rRNA methyltransferase 1 homolog (S. cerevi  
 gi|40068482|ref|NM\_199123.1| Homo sapiens SET domain containing 3 (SETD3), transcript variant 2, mRN  
 gi|40068498|ref|NM\_018105.2| Homo sapiens THAP domain containing, apoptosis associated protein 1 (TH  
 gi|40068503|ref|NM\_002887.3| Homo sapiens arginyl-tRNA synthetase (RARS), mRNA;

gi|40068517|ref|NM\_002631.2| Homo sapiens phosphogluconate dehydrogenase (PGD), mRNA;

gi|40217782|ref|NM\_020886.2| Homo sapiens ubiquitin specific peptidase 28 (USP28), mRNA;

gi|40217789|ref|NM\_032434.2| Homo sapiens zinc finger protein 512 (ZNF512), mRNA;

gi|40217791|ref|NM\_199126.1| Homo sapiens zinc finger protein 585A (ZNF585A), transcript variant 2, mRNA;

gi|40217793|ref|NM\_152519.2| Homo sapiens KAT8 regulatory NSL complex subunit 1-like (KANSL1L), mRNA;

gi|40217798|ref|NM\_024806.2| Homo sapiens chromosome 11 open reading frame 63 (C11orf63), transcript variant 1, mRNA;

gi|40217802|ref|NM\_025061.3| Homo sapiens leucine rich repeat containing 8 family, member E (LRRC8E), mRNA;

gi|40217806|ref|NM\_152898.2| Homo sapiens Fer3-like (Drosophila) (FERD3L), mRNA;

gi|40217813|ref|NM\_030900.2| Homo sapiens transforming growth factor beta regulator 4 (TBRG4), transcript variant 1, mRNA;

gi|40217814|ref|NM\_003649.2| Homo sapiens D-aspartate oxidase (DDO), transcript variant 1, mRNA; gi|40217816|ref|NM\_052910.1| Homo sapiens SLIT and NTRK-like family, member 1 (SLITRK1), mRNA;

gi|40217819|ref|NM\_014926.2| Homo sapiens SLIT and NTRK-like family, member 3 (SLITRK3), mRNA;

gi|40217822|ref|NM\_015567.1| Homo sapiens SLIT and NTRK-like family, member 5 (SLITRK5), mRNA;

gi|40217824|ref|NM\_032229.2| Homo sapiens SLIT and NTRK-like family, member 6 (SLITRK6), mRNA;

gi|40217832|ref|NM\_018653.3| Homo sapiens G protein-coupled receptor, family C, group 5, member C (GPCR5C), mRNA;

gi|40217836|ref|NM\_018669.4| Homo sapiens WD repeat domain 4 (WDR4), transcript variant 1, mRNA; gi|40217842|ref|NM\_000095.2| Homo sapiens cartilage oligomeric matrix protein (COMP), mRNA;

gi|40217848|ref|NM\_006977.2| Homo sapiens zinc finger and BTB domain containing 25 (ZBTB25), mRNA;

gi|40254821|ref|NM\_005920.2| Homo sapiens myocyte enhancer factor 2D (MEF2D), mRNA;

gi|40254874|ref|NM\_014166.2| Homo sapiens mediator complex subunit 4 (MED4), mRNA;

gi|40254909|ref|NM\_017863.2| Homo sapiens chromosome X open reading frame 48 (CXorf48), transcript variant 1, mRNA;

gi|40254930|ref|NM\_018186.2| Homo sapiens chromosome 1 open reading frame 112 (C1orf112), mRNA;

gi|40254946|ref|NM\_021156.2| Homo sapiens thioredoxin-related transmembrane protein 4 (TMX4), mRNA;

gi|40254974|ref|NM\_025194.2| Homo sapiens inositol-trisphosphate 3-kinase C (ITPKC), mRNA;

gi|40254975|ref|NM\_030791.2| Homo sapiens sphingosine-1-phosphate phosphatase 1 (SGPP1), mRNA;

gi|40254981|ref|NM\_031453.2| Homo sapiens family with sequence similarity 107, member B (FAM107B), mRNA;

gi|40254987|ref|NM\_032356.3| Homo sapiens LSM domain containing 1 (LSMD1), mRNA;

gi|40254993|ref|NM\_032855.2| Homo sapiens hematopoietic SH2 domain containing (HSH2D), mRNA;

gi|40255004|ref|NM\_032812.7| Homo sapiens plexin domain containing 2 (PLXDC2), mRNA;

gi|40255006|ref|NM\_054030.2| Homo sapiens MAS-related GPR, member X2 (MRGPRX2), mRNA;

gi|40255014|ref|NM\_020200.5| Homo sapiens phosphoribosyl transferase domain containing 1 (PRTFDC1), mRNA;

gi|40255042|ref|NM\_024506.3| Homo sapiens galactosidase, beta 1-like (GLB1L), mRNA;

gi|40255051|ref|NM\_024726.3| Homo sapiens IQ motif containing with AAA domain 1 (IQCA1), mRNA;

gi|40255081|ref|NM\_032368.3| Homo sapiens leucine zipper and CTNNBIP1 domain containing (LZIC), mRNA;

gi|40255102|ref|NM\_153034.2| Homo sapiens zinc finger protein 488 (ZNF488), mRNA;

gi|40255118|ref|NM\_152573.2| Homo sapiens RAS and EF-hand domain containing (RASEF), mRNA;

gi|40255156|ref|NM\_153377.3| Homo sapiens leucine-rich repeats and immunoglobulin-like domains 3 (LRIG3), mRNA;

gi|40255181|ref|NM\_173562.3| Homo sapiens potassium channel tetramerisation domain containing 20 (KCTD20), mRNA;

gi|40255209|ref|NM\_177964.3| Homo sapiens LY6/PLAUR domain containing 6B (LYPD6B), mRNA;

gi|40255235|ref|NM\_012482.3| Homo sapiens zinc finger protein 281 (ZNF281), mRNA;

gi|40255248|ref|NM\_032806.4| Homo sapiens chromosome 3 open reading frame 39 (C3orf39), mRNA;

gi|40255253|ref|NM\_152540.3| Homo sapiens sec1 family domain containing 2 (SCFD2), mRNA;

gi|40255282|ref|NM\_198586.2| Homo sapiens NHL repeat containing 1 (NHLRC1), mRNA;

gi|40288196|ref|NM\_005257.3| Homo sapiens GATA binding protein 6 (GATA6), mRNA;

gi|40288200|ref|NM\_152449.2| Homo sapiens LysM, putative peptidoglycan-binding, domain containing 4 (LysM4), mRNA;

gi|40288202|ref|NM\_152704.2| Homo sapiens family with sequence similarity 123A (FAM123A), transcript variant 1, mRNA;

gi|40288283|ref|NM\_198953.1| Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 1 (NUP1), mRNA;

gi|40288287|ref|NM\_199141.1| Homo sapiens coactivator-associated arginine methyltransferase 1 (CARM: gi|40288289|ref|NM\_004669.2| Homo sapiens chloride intracellular channel 3 (CLIC3), mRNA; gi|40288292|ref|NM\_000361.2| Homo sapiens thrombomodulin (THBD), mRNA; gi|40316914|ref|NM\_020216.3| Homo sapiens arginyl aminopeptidase (aminopeptidase B) (RNPEP), mRNA gi|40316919|ref|NM\_147128.3| Homo sapiens zinc and ring finger 2 (ZNR2), mRNA; gi|40316925|ref|NM\_199167.1| Homo sapiens clusterin-like 1 (retinal) (CLU1), transcript variant 2, mRNA; gi|40316936|ref|NM\_001140.3| Homo sapiens arachidonate 15-lipoxygenase (ALOX15), mRNA; gi|40316940|ref|NM\_016108.2| Homo sapiens androgen-induced 1 (AIG1), mRNA; gi|40316945|ref|NM\_199162.1| Homo sapiens ADP-ribosylhydrolase like 1 (ADPRHL1), transcript variant 2, gi|40316947|ref|NM\_152328.3| Homo sapiens adenylosuccinate synthase like 1 (ADSSL1), transcript varian gi|40317625|ref|NM\_003246.2| Homo sapiens thrombospondin 1 (THBS1), mRNA; gi|40317627|ref|NM\_003247.2| Homo sapiens thrombospondin 2 (THBS2), mRNA; gi|40353728|ref|NM\_024832.3| Homo sapiens Ras and Rab interactor 3 (RIN3), mRNA; gi|40353762|ref|NM\_004899.3| Homo sapiens brain and reproductive organ-expressed (TNFRSF1A modula gi|40353768|ref|NM\_015424.3| Homo sapiens chordin-like 2 (CHRD2), mRNA; gi|40353770|ref|NM\_015201.3| Homo sapiens block of proliferation 1 (BOP1), mRNA; gi|40354194|ref|NM\_199187.1| Homo sapiens keratin 18 (KRT18), transcript variant 2, mRNA; gi|40354195 gi|40354196|ref|NM\_020457.2| Homo sapiens THAP domain containing 11 (THAP11), mRNA; gi|40354199|ref|NM\_012112.4| Homo sapiens TPX2, microtubule-associated, homolog (Xenopus laevis) (TF gi|40354213|ref|NM\_004164.2| Homo sapiens retinol binding protein 2, cellular (RBP2), mRNA; gi|40385866|ref|NM\_199227.1| Homo sapiens methionyl aminopeptidase type 1D (mitochondrial) (METAP gi|40385872|ref|NM\_199243.1| Homo sapiens G protein-coupled receptor 150 (GPR150), mRNA; gi|40385882|ref|NM\_199229.1| Homo sapiens ribulose-5-phosphate-3-epimerase (RPE), transcript variant gi|40445391|ref|NR\_001591.1| Homo sapiens transmembrane phosphatase with tensin homology pseudog gi|40538735|ref|NM\_020850.1| Homo sapiens RAN binding protein 10 (RANBP10), mRNA; gi|40538771|ref|NM\_138364.2| Homo sapiens protein arginine methyltransferase 10 (putative) (PRMT10), gi|40538793|ref|NM\_022778.2| Homo sapiens centrosomal protein 85kDa (CEP85), mRNA; gi|40538798|ref|NM\_020131.3| Homo sapiens ubiquitin 4 (UBQLN4), mRNA; gi|40538800|ref|NM\_052913.2| Homo sapiens transmembrane protein 200A (TMEM200A), mRNA; gi|40538805|ref|NM\_018029.3| Homo sapiens endogenous Bornavirus-like nucleoprotein 2 (EBLN2), mRNA gi|40548371|ref|NM\_016030.5| Homo sapiens trafficking protein particle complex 12 (TRAPPC12), mRNA; gi|40548379|ref|NM\_002936.3| Homo sapiens ribonuclease H1 (RNASEH1), mRNA; gi|40548383|ref|NM\_199250.1| Homo sapiens chromosome 19 open reading frame 48 (C19orf48), mRNA; gi|40548385|ref|NM\_005370.4| Homo sapiens RAB8A, member RAS oncogene family (RAB8A), mRNA; gi|40548386|ref|NM\_138799.2| Homo sapiens membrane bound O-acyltransferase domain containing 2 (N gi|40548390|ref|NM\_152834.2| Homo sapiens transmembrane protein 18 (TMEM18), mRNA; gi|40548400|ref|NM\_012139.2| Homo sapiens secretion regulating guanine nucleotide exchange factor (SE gi|40548402|ref|NM\_152640.3| Homo sapiens DCP1 decapping enzyme homolog B (S. cerevisiae) (DCP1B), gi|40548405|ref|NM\_021227.2| Homo sapiens oligosaccharyltransferase complex subunit (OSTC), mRNA; gi|40548409|ref|NM\_018838.3| Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 12 gi|40548423|ref|NM\_080626.5| Homo sapiens BRI3 binding protein (BRI3BP), mRNA; gi|40549393|ref|NM\_001125.2| Homo sapiens ADP-ribosylarginine hydrolase (ADPRH), mRNA; gi|40549400|ref|NM\_152221.2| Homo sapiens casein kinase 1, epsilon (CSNK1E), transcript variant 1, mRN gi|40549443|ref|NM\_016830.2| Homo sapiens vesicle-associated membrane protein 1 (synaptobrevin 1) (v gi|40549452|ref|NM\_015898.2| Homo sapiens zinc finger and BTB domain containing 7A (ZBTB7A), mRNA; gi|40549455|ref|NM\_198270.2| Homo sapiens Nance-Horan syndrome (congenital cataracts and dental an gi|40549458|ref|NM\_013313.3| Homo sapiens yippee-like 1 (Drosophila) (YPEL1), mRNA;

gi|40556270|ref|NM\_145266.4| Homo sapiens NudC domain containing 2 (NUDCD2), mRNA;  
 gi|40556360|ref|NM\_020212.1| Homo sapiens WD repeat domain 93 (WDR93), mRNA;  
 gi|40556369|ref|NM\_015288.4| Homo sapiens PHD finger protein 15 (PHF15), mRNA;  
 gi|40786393|ref|NM\_199336.1| Homo sapiens fumarylacetoacetate hydrolase domain containing 2B (FAH2B), mRNA;  
 gi|40786417|ref|NM\_199346.1| Homo sapiens profilin family, member 4 (PFN4), mRNA;  
 gi|40788000|ref|NM\_199327.1| Homo sapiens sprouty homolog 1, antagonist of FGF signaling (Drosophila) (SPRY1), mRNA;  
 gi|40788016|ref|NM\_025195.2| Homo sapiens tribbles homolog 1 (Drosophila) (TRIB1), mRNA;  
 gi|40789088|ref|NM\_173474.2| Homo sapiens N-terminal asparagine amidase (NTAN1), mRNA;  
 gi|40795669|ref|NM\_007024.4| Homo sapiens transmembrane protein 115 (TMEM115), mRNA;  
 gi|40804465|ref|NM\_014477.2| Homo sapiens TP53 target 5 (TP53TG5), mRNA;  
 gi|40804466|ref|NM\_017896.2| Homo sapiens chromosome 20 open reading frame 11 (C20orf11), mRNA;  
 gi|40805105|ref|NM\_032664.3| Homo sapiens fucosyltransferase 10 (alpha (1,3) fucosyltransferase) (FUT10), mRNA;  
 gi|40805822|ref|NM\_152888.1| Homo sapiens collagen, type XXII, alpha 1 (COL22A1), mRNA;  
 gi|40805826|ref|NM\_199444.1| Homo sapiens coatomer protein complex, subunit epsilon (COPE), transcript variant 1, mRNA;  
 gi|40805829|ref|NM\_198189.2| Homo sapiens COP9 constitutive photomorphogenic homolog subunit 8 (COP9), mRNA;  
 gi|40805831|ref|NM\_199246.1| Homo sapiens cyclin G1 (CCNG1), transcript variant 2, mRNA; gi|40805830|ref|NM\_199246.1| Homo sapiens cyclin G1 (CCNG1), transcript variant 1, mRNA;  
 gi|40805834|ref|NM\_018366.2| Homo sapiens cappuccino homolog (mouse) (CNO), mRNA;  
 gi|40805838|ref|NM\_032391.2| Homo sapiens prostate cancer susceptibility candidate (PRAC), mRNA;  
 gi|40805871|ref|NM\_000460.2| Homo sapiens thrombopoietin (THPO), transcript variant 1, mRNA; gi|294846169|ref|NM\_000460.2| Homo sapiens thrombopoietin (THPO), transcript variant 2, mRNA;  
 gi|40806169|ref|NM\_199436.1| Homo sapiens spastin (SPAST), transcript variant 2, mRNA; gi|40806168|ref|NM\_199436.1| Homo sapiens spastin (SPAST), transcript variant 1, mRNA;  
 gi|40806171|ref|NM\_003119.2| Homo sapiens spastic paraplegia 7 (pure and complicated autosomal recessive) (SPG7), mRNA;  
 gi|40806183|ref|NM\_021826.4| Homo sapiens FAST kinase domains 5 (FASTKD5), mRNA;  
 gi|40806188|ref|NM\_000189.4| Homo sapiens hexokinase 2 (HK2), mRNA;  
 gi|40806194|ref|NM\_014948.2| Homo sapiens U-box domain containing 5 (UBOX5), transcript variant 1, mRNA;  
 gi|40806198|ref|NM\_145185.2| Homo sapiens mitogen-activated protein kinase kinase 7 (MAP2K7), mRNA;  
 gi|40806210|ref|NM\_199424.1| Homo sapiens WW domain containing E3 ubiquitin protein ligase 2 (WWP2), mRNA;  
 gi|40806213|ref|NM\_080552.2| Homo sapiens solute carrier family 32 (GABA vesicular transporter), member 1 (SLC32A1), mRNA;  
 gi|40806218|ref|NM\_199297.1| Homo sapiens thymocyte nuclear protein 1 (THYN1), transcript variant 2, mRNA;  
 gi|40806224|ref|NM\_022088.4| Homo sapiens zinc finger protein 64 homolog (mouse) (ZFP64), transcript variant 1, mRNA;  
 gi|40807350|ref|NM\_152313.2| Homo sapiens solute carrier family 36 (proton/amino acid symporter), member 1 (SLC36A1), mRNA;  
 gi|40807361|ref|NM\_004637.5| Homo sapiens RAB7A, member RAS oncogene family (RAB7A), mRNA;  
 gi|40807362|ref|NM\_138969.2| Homo sapiens short chain dehydrogenase/reductase family 16C, member 1 (SDR16C1), mRNA;  
 gi|40807365|ref|NM\_022156.3| Homo sapiens dihydrouridine synthase 1-like (S. cerevisiae) (DUS1L), mRNA;  
 gi|40807444|ref|NM\_199414.1| Homo sapiens protein regulator of cytokinesis 1 (PRC1), transcript variant 1, mRNA;  
 gi|40807446|ref|NM\_005973.4| Homo sapiens papillary renal cell carcinoma (translocation-associated) (PRCC), mRNA;  
 gi|40807451|ref|NM\_015062.3| Homo sapiens peroxisome proliferator-activated receptor gamma, coactivator 1 (PPARGC1A), mRNA;  
 gi|40807454|ref|NM\_006526.2| Homo sapiens zinc finger protein 217 (ZNF217), mRNA;  
 gi|40807455|ref|NM\_018683.3| Homo sapiens ring finger protein 114 (RNF114), mRNA;  
 gi|40807458|ref|NM\_199441.1| Homo sapiens zinc finger protein 334 (ZNF334), transcript variant 2, mRNA;  
 gi|40807460|ref|NM\_022095.3| Homo sapiens zinc finger protein 335 (ZNF335), mRNA;  
 gi|40807461|ref|NM\_022482.3| Homo sapiens GDNF-inducible zinc finger protein 1 (GZF1), mRNA;  
 gi|40807462|ref|NM\_021220.2| Homo sapiens ovo-like 2 (Drosophila) (OVOL2), mRNA;  
 gi|40807464|ref|NM\_032819.3| Homo sapiens zinc finger protein 341 (ZNF341), mRNA;  
 gi|40807466|ref|NM\_003279.2| Homo sapiens troponin C type 2 (fast) (TNNC2), mRNA;  
 gi|40807467|ref|NM\_006809.4| Homo sapiens translocase of outer mitochondrial membrane 34 (TOMM34), mRNA;  
 gi|40807468|ref|NM\_005879.2| Homo sapiens TRAF interacting protein (TRAIP), mRNA;  
 gi|40807470|ref|NM\_003594.3| Homo sapiens transcription termination factor, RNA polymerase II (TTF2), mRNA

gi|40807473|ref|NM\_000608.2| Homo sapiens orosomucoid 2 (ORM2), mRNA;  
 gi|40807476|ref|NM\_030665.3| Homo sapiens retinoic acid induced 1 (RAI1), mRNA;  
 gi|40807479|ref|NM\_199421.1| Homo sapiens suppressor of cytokine signaling 4 (SOCS4), transcript variant  
 gi|40807481|ref|NM\_033197.2| Homo sapiens BPI fold containing family B, member 1 (BPIFB1), mRNA;  
 gi|40807483|ref|NM\_030815.2| Homo sapiens p53 and DNA-damage regulated 1 (PDRG1), mRNA;  
 gi|40807486|ref|NM\_080749.2| Homo sapiens neuralized homolog 2 (Drosophila) (NEURL2), mRNA;  
 gi|40807487|ref|NM\_080608.3| Homo sapiens spermatogenesis associated 25 (SPATA25), mRNA;  
 gi|40807490|ref|NM\_001995.2| Homo sapiens acyl-CoA synthetase long-chain family member 1 (ACSL1), m  
 gi|40807499|ref|NM\_014458.3| Homo sapiens kelch-like 20 (Drosophila) (KLHL20), mRNA;  
 gi|41147167|ref|XM\_373078.1| PREDICTED: Homo sapiens putative TAF11-like protein ENSP00000332601-  
 gi|41152068|ref|NM\_006777.3| Homo sapiens zinc finger and BTB domain containing 33 (ZBTB33), transcri  
 gi|41152071|ref|NM\_015457.2| Homo sapiens zinc finger, DHHC-type containing 5 (ZDHHC5), mRNA;  
 gi|41152075|ref|NM\_199512.1| Homo sapiens coiled-coil domain containing 80 (CCDC80), transcript variant  
 gi|41152089|ref|NM\_005764.3| Homo sapiens PDZK1 interacting protein 1 (PDZK1IP1), mRNA;  
 gi|41152100|ref|NM\_144575.2| Homo sapiens calpain 13 (CAPN13), mRNA;  
 gi|41152102|ref|NM\_058192.2| Homo sapiens RNA pseudouridylation synthase domain containing 1 (RPUSD  
 gi|41152106|ref|NM\_201265.1| Homo sapiens ubiquitin-like 7 (bone marrow stromal cell-derived) (UBL7),  
 gi|41152113|ref|NM\_012067.2| Homo sapiens aldo-keto reductase family 7, member A3 (aflatoxin aldehyd  
 gi|41152145|ref|NM\_177551.3| Homo sapiens hydroxycarboxylic acid receptor 2 (HCAR2), mRNA;  
 gi|41152252|ref|NM\_138465.3| Homo sapiens GLI family zinc finger 4 (GLI4), mRNA;  
 gi|41152505|ref|NM\_020440.2| Homo sapiens prostaglandin F2 receptor negative regulator (PTGFRN), mR  
 gi|41281366|ref|NM\_001440.2| Homo sapiens exostoses (multiple)-like 3 (EXTL3), mRNA;  
 gi|41281417|ref|NM\_014632.2| Homo sapiens microtubule associated monooxygenase, calponin and LIM do  
 gi|41281452|ref|NM\_014720.2| Homo sapiens STE20-like kinase (SLK), mRNA;  
 gi|41281488|ref|NM\_014761.2| Homo sapiens increased sodium tolerance 1 homolog (yeast) (IST1), mRNA  
 gi|41281582|ref|NM\_015216.2| Homo sapiens diphosphoinositol pentakisphosphate kinase 2 (PIIP5K2), m  
 gi|41281602|ref|NM\_033520.1| Homo sapiens chromosome 19 open reading frame 33 (C19orf33), mRNA;  
 gi|41281708|ref|NM\_139239.1| Homo sapiens nuclear factor of kappa light polypeptide gene enhancer in E  
 gi|41282030|ref|NM\_198406.1| Homo sapiens progesterone and adiponectin receptor family member VI (PAQR6),  
 gi|41282212|ref|NM\_019077.2| Homo sapiens UDP glucuronosyltransferase 1 family, polypeptide A7 (UGT  
 gi|41282228|ref|NM\_019093.2| Homo sapiens UDP glucuronosyltransferase 1 family, polypeptide A3 (UGT  
 gi|41322907|ref|NM\_201379.1| Homo sapiens plectin (PLEC), transcript variant 3, mRNA; gi|254692904|re  
 gi|41327713|ref|NM\_020531.2| Homo sapiens chromosome 20 open reading frame 3 (C20orf3), mRNA;  
 gi|41327714|ref|NM\_033550.3| Homo sapiens TP53 regulating kinase (TP53RK), mRNA;  
 gi|41327716|ref|NM\_022104.3| Homo sapiens PDX1 C-terminal inhibiting factor 1 (PCIF1), mRNA;  
 gi|41327717|ref|NM\_021158.3| Homo sapiens tribbles homolog 3 (Drosophila) (TRIB3), mRNA;  
 gi|41327718|ref|NM\_020439.2| Homo sapiens calcium/calmodulin-dependent protein kinase IG (CAMK1G)  
 gi|41327719|ref|NM\_006366.2| Homo sapiens CAP, adenylate cyclase-associated protein, 2 (yeast) (CAP2),  
 gi|41327720|ref|NM\_014296.2| Homo sapiens calpain 7 (CAPN7), mRNA;  
 gi|41327721|ref|NM\_006136.2| Homo sapiens capping protein (actin filament) muscle Z-line, alpha 2 (CAPZ  
 gi|41327723|ref|NM\_170780.2| Homo sapiens CD200 receptor 1 (CD200R1), transcript variant 4, mRNA; gi  
 gi|41327725|ref|NM\_000747.2| Homo sapiens cholinergic receptor, nicotinic, beta 1 (muscle) (CHRNA1), m  
 gi|41327728|ref|NM\_004368.2| Homo sapiens calponin 2 (CNN2), transcript variant 1, mRNA; gi|41327729  
 gi|41327737|ref|NM\_005228.3| Homo sapiens epidermal growth factor receptor (EGFR), transcript variant  
 gi|41327740|ref|NM\_014297.3| Homo sapiens ethylmalonic encephalopathy 1 (ETHE1), nuclear gene encor  
 gi|41327747|ref|NM\_013366.3| Homo sapiens anaphase promoting complex subunit 2 (ANAPC2), mRNA;  
 gi|41327748|ref|NM\_013367.2| Homo sapiens anaphase promoting complex subunit 4 (ANAPC4), mRNA;

gi|41327750|ref|NM\_014495.2| Homo sapiens angiopoietin-like 3 (ANGPTL3), mRNA;

gi|41327753|ref|NM\_020639.2| Homo sapiens receptor-interacting serine-threonine kinase 4 (RIPK4), mRNA

gi|41327758|ref|NM\_001697.2| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial F1 complex, C

gi|41327759|ref|NM\_198531.3| Homo sapiens ATPase, class II, type 9B (ATP9B), mRNA;

gi|41327761|ref|NM\_007168.2| Homo sapiens ATP-binding cassette, sub-family A (ABC1), member 8 (ABCA

gi|41327770|ref|NM\_004818.2| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 23 (DDX23), mRNA

gi|41327772|ref|NM\_014829.2| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 46 (DDX46), mRNA

gi|41327774|ref|NM\_016355.3| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 47 (DDX47), transc

gi|41327778|ref|NM\_020936.1| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 55 (DDX55), mRNA

gi|41327782|ref|NM\_199070.1| Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, ass

gi|41349435|ref|NM\_001166.3| Homo sapiens baculoviral IAP repeat containing 2 (BIRC2), mRNA;

gi|41349436|ref|NM\_004329.2| Homo sapiens bone morphogenetic protein receptor, type IA (BMPR1A), r

gi|41349442|ref|NM\_198503.2| Homo sapiens potassium channel, subfamily T, member 2 (KCNT2), mRNA;

gi|41349445|ref|NM\_144949.2| Homo sapiens suppressor of cytokine signaling 5 (SOCS5), transcript varian

gi|41349447|ref|NM\_013388.4| Homo sapiens prolactin regulatory element binding (PREB), mRNA;

gi|41349453|ref|NM\_201348.1| Homo sapiens proline/arginine-rich end leucine-rich repeat protein (PRELP

gi|41349457|ref|NM\_020228.2| Homo sapiens PR domain containing 10 (PRDM10), transcript variant 1, mF

gi|41349473|ref|NM\_012406.3| Homo sapiens PR domain containing 4 (PRDM4), mRNA;

gi|41349475|ref|NM\_018699.2| Homo sapiens PR domain containing 5 (PRDM5), mRNA;

gi|41349489|ref|NM\_002723.3| Homo sapiens proline-rich protein BstNI subfamily 4 (PRB4), mRNA;

gi|41349493|ref|NM\_000946.2| Homo sapiens primase, DNA, polypeptide 1 (49kDa) (PRIM1), mRNA;

gi|41349498|ref|NM\_000533.3| Homo sapiens proteolipid protein 1 (PLP1), transcript variant 1, mRNA; gi|

gi|41349503|ref|NM\_138445.2| Homo sapiens G protein-coupled receptor 146 (GPR146), mRNA;

gi|41350196|ref|NM\_033085.2| Homo sapiens fetal and adult testis expressed 1 (FATE1), mRNA;

gi|41350197|ref|NM\_017704.2| Homo sapiens ankyrin repeat domain 49 (ANKRD49), mRNA;

gi|41350199|ref|NM\_018456.4| Homo sapiens ELL associated factor 2 (EAF2), mRNA;

gi|41350325|ref|NM\_003791.2| Homo sapiens membrane-bound transcription factor peptidase, site 1 (MB

gi|41350331|ref|NM\_147156.3| Homo sapiens sphingomyelin synthase 1 (SGMS1), mRNA;

gi|41350334|ref|NM\_003196.1| Homo sapiens transcription elongation factor A (SII), 3 (TCEA3), mRNA;

gi|41350336|ref|NM\_003263.3| Homo sapiens toll-like receptor 1 (TLR1), mRNA;

gi|41352689|ref|NM\_015340.3| Homo sapiens leucyl-tRNA synthetase 2, mitochondrial (LARS2), nuclear ge

gi|41352696|ref|NM\_006733.2| Homo sapiens centromere protein I (CENPI), mRNA;

gi|41352713|ref|NM\_004535.2| Homo sapiens myelin transcription factor 1 (MYT1), mRNA;

gi|41352717|ref|NM\_004416.2| Homo sapiens deltex homolog 1 (Drosophila) (DTX1), mRNA;

gi|41352720|ref|NM\_078483.2| Homo sapiens solute carrier family 36 (proton/amino acid symporter), mer

gi|41393546|ref|NM\_015909.2| Homo sapiens neuroblastoma amplified sequence (NBAS), mRNA;

gi|41393550|ref|NM\_018161.4| Homo sapiens NAD synthetase 1 (NADSYN1), mRNA;

gi|41393557|ref|NM\_018032.3| Homo sapiens LUC7-like (*S. cerevisiae*) (LUC7L), transcript variant 1, mRNA

gi|41393560|ref|NM\_015907.2| Homo sapiens leucine aminopeptidase 3 (LAP3), mRNA;

gi|41393566|ref|NM\_020525.4| Homo sapiens interleukin 22 (IL22), mRNA;

gi|41393567|ref|NM\_014320.2| Homo sapiens heme binding protein 2 (HEBP2), mRNA;

gi|41393574|ref|NM\_033214.2| Homo sapiens glycerol kinase 2 (GK2), mRNA;

gi|41393576|ref|NM\_024775.9| Homo sapiens gem (nuclear organelle) associated protein 6 (GEMIN6), mRi

gi|41393578|ref|NM\_017655.4| Homo sapiens GIPC PDZ domain containing family, member 2 (GIPC2), mRi

gi|41393584|ref|NM\_001374.2| Homo sapiens deoxyribonuclease I-like 2 (DNASE1L2), mRNA;

gi|41393585|ref|NM\_001345.4| Homo sapiens diacylglycerol kinase, alpha 80kDa (DGKA), transcript variant

gi|41393588|ref|NM\_024769.2| Homo sapiens CXADR-like membrane protein (CLMP), mRNA;

gi|41393589|ref|NM\_006716.3| Homo sapiens DBF4 homolog (S. cerevisiae) (DBF4), mRNA;

gi|41393591|ref|NM\_052853.3| Homo sapiens aarF domain containing kinase 2 (ADCK2), mRNA;

gi|41393592|ref|NM\_174922.3| Homo sapiens aarF domain containing kinase 5 (ADCK5), mRNA;

gi|41393605|ref|NM\_201430.1| Homo sapiens reticulon 3 (RTN3), transcript variant 4, mRNA; gi|41393603

gi|41393609|ref|NM\_201431.1| Homo sapiens Ras association (RalGDS/AF-6) domain family member 6 (RA

gi|41399284|ref|NM\_199440.1| Homo sapiens heat shock 60kDa protein 1 (chaperonin) (HSPD1), nuclear g

gi|41406049|ref|NM\_003974.2| Homo sapiens docking protein 2, 56kDa (DOK2), mRNA;

gi|41406079|ref|NM\_201433.1| Homo sapiens growth arrest-specific 7 (GAS7), transcript variant c, mRNA;

gi|41406081|ref|NM\_201397.1| Homo sapiens glutathione peroxidase 1 (GPX1), transcript variant 2, mRNA

gi|41406085|ref|NM\_152754.2| Homo sapiens sema domain, immunoglobulin domain (Ig), short basic dom

gi|41406087|ref|NM\_005632.2| Homo sapiens small optic lobes homolog (Drosophila) (SOLH), mRNA;

gi|41406088|ref|NM\_005686.2| Homo sapiens SRY (sex determining region Y)-box 13 (SOX13), mRNA;

gi|41406092|ref|NM\_021800.2| Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 12 (DNAJC12),

gi|41406095|ref|NM\_014003.3| Homo sapiens DEAH (Asp-Glu-Ala-His) box polypeptide 38 (DHX38), mRNA;

gi|41406096|ref|NM\_004423.3| Homo sapiens dishevelled, dsh homolog 3 (Drosophila) (DVL3), mRNA;

gi|41462411|ref|NM\_201520.1| Homo sapiens solute carrier family 25, member 35 (SLC25A35), mRNA;

gi|41582238|ref|NM\_201526.1| Homo sapiens immunoglobulin superfamily containing leucine-rich repeat

gi|41871954|ref|NM\_201522.1| Homo sapiens kinesin light chain 4 (KLC4), transcript variant 2, mRNA; gi|4

gi|41872338|ref|NM\_201438.1| Homo sapiens periphilin 1 (PPHLN1), transcript variant 5, mRNA; gi|21984:

gi|41872373|ref|NM\_004073.2| Homo sapiens polo-like kinase 3 (PLK3), mRNA;

gi|41872442|ref|NM\_199368.1| Homo sapiens transient receptor potential cation channel, subfamily C, me

gi|41872461|ref|NM\_021795.2| Homo sapiens ELK4, ETS-domain protein (SRF accessory protein 1) (ELK4), t

gi|41872556|ref|NM\_201264.1| Homo sapiens neuropilin 2 (NRP2), transcript variant 6, mRNA; gi|4187256

gi|41872576|ref|NM\_015150.1| Homo sapiens raftlin, lipid raft linker 1 (RFTN1), mRNA;

gi|41872582|ref|NM\_004850.3| Homo sapiens Rho-associated, coiled-coil containing protein kinase 2 (ROC

gi|41872613|ref|NM\_002994.3| Homo sapiens chemokine (C-X-C motif) ligand 5 (CXCL5), mRNA;

gi|41872630|ref|NM\_004104.4| Homo sapiens fatty acid synthase (FASN), mRNA;

gi|41872659|ref|NM\_015950.3| Homo sapiens mitochondrial ribosomal protein L2 (MRPL2), nuclear gene e

gi|41872688|ref|NM\_003660.2| Homo sapiens protein tyrosine phosphatase, receptor type, f polypeptide (

gi|41872702|ref|NM\_015266.1| Homo sapiens solute carrier family 9, subfamily A (NHE8, cation proton ant

gi|42403584|ref|NM\_001450.3| Homo sapiens four and a half LIM domains 2 (FHL2), transcript variant 1, m

gi|42475969|ref|NM\_033025.4| Homo sapiens synapse defective 1, Rho GTPase, homolog 1 (C. elegans) (SY

gi|42476002|ref|NM\_173801.3| Homo sapiens placenta-specific 1-like (PLAC1L), mRNA;

gi|42476084|ref|NM\_201613.1| Homo sapiens IKBKB interacting protein (IKBIP), transcript variant 3.1, mRN

gi|42476103|ref|NM\_015859.2| Homo sapiens general transcription factor IIA, 1, 19/37kDa (GTF2A1), trans

gi|42476106|ref|NM\_005277.3| Homo sapiens glycoprotein M6A (GPM6A), transcript variant 1, mRNA; gi|4

gi|42476110|ref|NM\_007353.2| Homo sapiens guanine nucleotide binding protein (G protein) alpha 12 (GN

gi|42476119|ref|NM\_002028.3| Homo sapiens farnesyltransferase, CAAX box, beta (FNTB), mRNA;

gi|42476152|ref|NM\_002825.5| Homo sapiens pleiotrophin (PTN), mRNA;

gi|42476160|ref|NM\_032902.5| Homo sapiens protein phosphatase 1, regulatory subunit 16A (PPP1R16A),

gi|42476192|ref|NM\_016127.4| Homo sapiens transmembrane protein 66 (TMEM66), mRNA;

gi|42476205|ref|NM\_016606.2| Homo sapiens receptor accessory protein 2 (REEP2), mRNA;

gi|42476215|ref|NM\_138787.2| Homo sapiens chromosome 11 open reading frame 74 (C11orf74), mRNA;

gi|42490748|ref|NM\_004299.3| Homo sapiens ATP-binding cassette, sub-family B (MDR/TAP), member 7 (A

gi|42490757|ref|NM\_001789.2| Homo sapiens cell division cycle 25 homolog A (S. pombe) (CDC25A), trans

gi|42490765|ref|NM\_199262.2| Homo sapiens Sp6 transcription factor (SP6), mRNA;

gi|42516554|ref|NM\_013355.3| Homo sapiens protein kinase N3 (PKN3), mRNA;



gi|42516559|ref|NM\_032799.4| Homo sapiens zinc finger, DHHC-type containing 12 (ZDHHC12), mRNA;

gi|42516564|ref|NM\_201624.1| Homo sapiens ubiquitin specific peptidase 33 (USP33), transcript variant 2,

gi|42516568|ref|NM\_004240.2| Homo sapiens thyroid hormone receptor interactor 10 (TRIP10), mRNA;

gi|42516575|ref|NM\_016417.2| Homo sapiens glutaredoxin 5 (GLRX5), nuclear gene encoding mitochondri

gi|42518075|ref|NM\_144582.2| Homo sapiens testis expressed 261 (TEX261), mRNA;

gi|42519913|ref|NM\_012448.3| Homo sapiens signal transducer and activator of transcription 5B (STAT5B),

gi|42519917|ref|NM\_002642.3| Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class C (PIG

gi|42542382|ref|NM\_201651.1| Homo sapiens solute carrier family 28 (sodium-coupled nucleoside transpo

gi|42542385|ref|NM\_080866.2| Homo sapiens solute carrier family 22 (organic anion transporter), membe

gi|42542391|ref|NM\_005760.2| Homo sapiens CCAAT/enhancer binding protein (C/EBP), zeta (CEBPZ), mRN

gi|42542393|ref|NM\_005768.5| Homo sapiens lysophosphatidylcholine acyltransferase 3 (LPCAT3), mRNA;

gi|42544145|ref|NM\_202469.1| Homo sapiens GIPC PDZ domain containing family, member 1 (GIPC1), tran

gi|42544154|ref|NM\_005466.2| Homo sapiens mediator complex subunit 6 (MED6), mRNA;

gi|42544158|ref|NM\_006644.2| Homo sapiens heat shock 105kDa/110kDa protein 1 (HSPH1), mRNA;

gi|42544175|ref|NM\_006874.2| Homo sapiens E74-like factor 2 (ets domain transcription factor) (ELF2), tra

gi|42544201|ref|NM\_201553.1| Homo sapiens fibrinogen-like 1 (FGL1), transcript variant 4, mRNA; gi|4254

gi|42544205|ref|NM\_004781.3| Homo sapiens vesicle-associated membrane protein 3 (cellubrevin) (VAMP

gi|42544210|ref|NM\_201535.1| Homo sapiens NDRG family member 2 (NDRG2), transcript variant 1, mRN

gi|42544225|ref|NM\_020857.2| Homo sapiens vacuolar protein sorting 18 homolog (S. cerevisiae) (VPS18),

gi|42544227|ref|NM\_003840.3| Homo sapiens tumor necrosis factor receptor superfamily, member 10d, d

gi|42544228|ref|NM\_021138.3| Homo sapiens TNF receptor-associated factor 2 (TRAF2), mRNA;

gi|42544230|ref|NM\_006338.2| Homo sapiens leucine rich repeat neuronal 2 (LRRN2), transcript variant 1,

gi|42544235|ref|NM\_030765.2| Homo sapiens UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransfer

gi|42544238|ref|NM\_001928.2| Homo sapiens complement factor D (adipsin) (CFD), mRNA;

gi|42544240|ref|NM\_024335.2| Homo sapiens iroquois homeobox 6 (IRX6), mRNA;

gi|42544244|ref|NM\_148961.3| Homo sapiens otospiralin (OTOS), mRNA;

gi|42544245|ref|NM\_003009.2| Homo sapiens selenoprotein W, 1 (SEPW1), mRNA;

gi|42544246|ref|NM\_019069.3| Homo sapiens WD repeat domain 5B (WDR5B), mRNA;

gi|42560232|ref|NM\_203286.1| Homo sapiens poliovirus receptor-related 1 (herpesvirus entry mediator C)

gi|42560243|ref|NM\_004792.2| Homo sapiens peptidylprolyl isomerase G (cyclophilin G) (PPIG), mRNA;

gi|42714610|ref|NM\_203347.1| Homo sapiens lipocalin 15 (LCN15), mRNA;

gi|42716274|ref|NM\_016284.3| Homo sapiens CCR4-NOT transcription complex, subunit 1 (CNOT1), trans

gi|42716276|ref|NM\_014807.3| Homo sapiens C2CD2-like (C2CD2L), mRNA;

gi|42716281|ref|NM\_013242.2| Homo sapiens chromosome 16 open reading frame 80 (C16orf80), mRNA;

gi|42716286|ref|NM\_018268.2| Homo sapiens WD repeat domain 41 (WDR41), mRNA;

gi|42716303|ref|NM\_014205.2| Homo sapiens zinc finger, HIT-type containing 2 (ZNHIT2), mRNA;

gi|42716308|ref|NM\_005170.2| Homo sapiens achaete-scute complex homolog 2 (Drosophila) (ASCL2), mR

gi|42716309|ref|NM\_004040.2| Homo sapiens ras homolog family member B (RHOB), mRNA;

gi|42718009|ref|NM\_054113.2| Homo sapiens calcium and integrin binding family member 3 (CIB3), mRNA

gi|42718010|ref|NM\_005140.1| Homo sapiens cyclic nucleotide gated channel alpha 2 (CNGA2), mRNA;

gi|42718016|ref|NM\_203292.1| Homo sapiens retinoblastoma binding protein 8 (RBBP8), transcript variant

gi|42718018|ref|NM\_014901.4| Homo sapiens ring finger protein 44 (RNF44), mRNA;

gi|42718019|ref|NM\_203288.1| Homo sapiens retinitis pigmentosa 9 (autosomal dominant) (RP9), mRNA;

gi|42733591|ref|NM\_203348.1| Homo sapiens uncharacterized MGC50722 (MGC50722), mRNA;

gi|42733607|ref|NM\_003431.2| Homo sapiens zinc finger protein 124 (ZNF124), transcript variant 1, mRNA

gi|42734313|ref|NM\_014779.2| Homo sapiens TSC22 domain family, member 2 (TSC22D2), mRNA;

gi|42734396|ref|NM\_198920.1| Homo sapiens ubiquitin protein ligase E3D (UBE3D), mRNA;

gi|42734433|ref|NM\_024587.2| Homo sapiens transmembrane protein 53 (TMEM53), mRNA;

gi|42740890|ref|NM\_031287.2| Homo sapiens splicing factor 3b, subunit 5, 10kDa (SF3B5), mRNA;

gi|42741649|ref|NM\_203341.1| Homo sapiens 15 kDa selenoprotein (SEP15), transcript variant 2, mRNA; g

gi|42741653|ref|NM\_007375.3| Homo sapiens TAR DNA binding protein (TARDBP), mRNA;

gi|42741654|ref|NM\_000245.2| Homo sapiens met proto-oncogene (hepatocyte growth factor receptor) (N

gi|42741656|ref|NM\_004740.3| Homo sapiens TGFB1-induced anti-apoptotic factor 1 (TIAF1), mRNA;

gi|42741657|ref|NM\_005425.4| Homo sapiens transition protein 2 (during histone to protamine replaceme

gi|42741664|ref|NM\_003936.3| Homo sapiens cyclin-dependent kinase 5, regulatory subunit 2 (p39) (CDK5

gi|42741668|ref|NM\_006063.2| Homo sapiens kelch repeat and BTB (POZ) domain containing 10 (KBTBD10

gi|42741672|ref|NM\_005981.3| Homo sapiens tetraspanin 31 (TSPAN31), mRNA;

gi|42741673|ref|NM\_005451.3| Homo sapiens PDZ and LIM domain 7 (enigma) (PDLIM7), transcript variati

gi|42741680|ref|NM\_080653.3| Homo sapiens ATPase, H<sup>+</sup> transporting, lysosomal 31kDa, V1 subunit E2 (A

gi|42764682|ref|NM\_001946.2| Homo sapiens dual specificity phosphatase 6 (DUSP6), transcript variant 1,

gi|42766421|ref|NM\_203371.1| Homo sapiens fin bud initiation factor homolog (zebrafish) (FIBIN), mRNA;

gi|42766423|ref|NM\_203370.1| Homo sapiens family with sequence similarity 212, member A (FAM212A),

gi|42766427|ref|NM\_019008.4| Homo sapiens Smith-Magenis syndrome chromosome region, candidate 7-

gi|42789379|ref|NM\_016275.3| Homo sapiens selenoprotein T (SELT), mRNA;

gi|42794264|ref|NM\_198923.2| Homo sapiens MAS-related GPR, member D (MRGPRD), mRNA;

gi|42794610|ref|NM\_012088.2| Homo sapiens 6-phosphogluconolactonase (PGLS), mRNA;

gi|42794611|ref|NM\_138768.2| Homo sapiens myeloma overexpressed (in a subset of t(11;14) positive mu

gi|42794617|ref|NM\_203376.1| Homo sapiens transmembrane protein 81 (TMEM81), mRNA;

gi|42794619|ref|NM\_007076.2| Homo sapiens FIC domain containing (FICD), mRNA;

gi|42794621|ref|NM\_203374.1| Homo sapiens zinc finger protein 784 (ZNF784), mRNA;

gi|42794623|ref|NM\_080739.2| Homo sapiens chromosome 20 open reading frame 141 (C20orf141), trans

gi|42794753|ref|NM\_203372.1| Homo sapiens acyl-CoA synthetase long-chain family member 3 (ACSL3), tr

gi|42794757|ref|NM\_203379.1| Homo sapiens acyl-CoA synthetase long-chain family member 5 (ACSL5), tr

gi|42794764|ref|NM\_002401.3| Homo sapiens mitogen-activated protein kinase kinase kinase 3 (MAP3K3),

gi|42794776|ref|NM\_012106.3| Homo sapiens ADP-ribosylation factor-like 2 binding protein (ARL2BP), mR

gi|42794777|ref|NM\_078471.3| Homo sapiens myosin XVIII A (MYO18A), transcript variant 1, mRNA; gi|427

gi|42821106|ref|NM\_198540.2| Homo sapiens UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransfer

gi|42822871|ref|NM\_203383.1| Homo sapiens ribonuclease/angiogenin inhibitor 1 (RNH1), transcript varia

gi|42822875|ref|NM\_203403.1| Homo sapiens leucine rich adaptor protein 1-like (LURAP1L), mRNA;

gi|42822877|ref|NM\_203405.1| Homo sapiens keratin associated protein 26-1 (KRTAP26-1), mRNA;

gi|42822879|ref|NM\_203406.1| Homo sapiens metallo-beta-lactamase domain containing 2 (MBLAC2), mR

gi|42822885|ref|NM\_002155.3| Homo sapiens heat shock 70kDa protein 6 (HSP70B') (HSPA6), mRNA;

gi|42822890|ref|NM\_032339.3| Homo sapiens migration and invasion enhancer 1 (MIEN1), mRNA;

gi|44662806|ref|NM\_203425.1| Homo sapiens chromosome 17 open reading frame 82 (C17orf82), mRNA;

gi|44662812|ref|NM\_203411.1| Homo sapiens transmembrane protein 88 (TMEM88), mRNA;

gi|44662816|ref|NM\_203424.1| Homo sapiens IQ motif containing F2 (IQCF2), mRNA;

gi|44662818|ref|NM\_203412.1| Homo sapiens ubiquitin-like 4B (UBL4B), mRNA;

gi|44662824|ref|NM\_014730.2| Homo sapiens malectin (MLEC), mRNA;

gi|44662827|ref|NM\_203415.1| Homo sapiens chromosome 17 open reading frame 81 (C17orf81), transcri

gi|44680107|ref|NM\_203417.1| Homo sapiens regulator of calcineurin 1 (RCAN1), transcript variant 2, mRN

gi|44680112|ref|NM\_003720.2| Homo sapiens proteasome (prosome, macropain) assembly chaperone 1 (F

gi|44680129|ref|NM\_203297.1| Homo sapiens tripartite motif containing 7 (TRIM7), transcript variant 2, m

gi|44680146|ref|NM\_005116.5| Homo sapiens solute carrier family 23 (nucleobase transporters), member

gi|44680150|ref|NM\_014335.2| Homo sapiens EP300 interacting inhibitor of differentiation 1 (EID1), mRNA/

gi|44680151|ref|NM\_005253.3| Homo sapiens FOS-like antigen 2 (FOSL2), mRNA;  
gi|44680157|ref|NM\_033224.3| Homo sapiens purine-rich element binding protein B (PURB), mRNA;  
gi|44681483|ref|NM\_152562.2| Homo sapiens cell division cycle associated 2 (CDCA2), mRNA;  
gi|44771200|ref|NM\_030628.1| Homo sapiens integrator complex subunit 5 (INTS5), mRNA;  
gi|44829053|ref|NM\_001950.3| Homo sapiens E2F transcription factor 4, p107/p130-binding (E2F4), mRNA  
gi|44889413|ref|NM\_032582.3| Homo sapiens ubiquitin specific peptidase 32 (USP32), mRNA;  
gi|44889482|ref|NM\_004065.2| Homo sapiens cerebellar degeneration-related protein 1, 34kDa (CDR1), m  
gi|44890049|ref|NM\_203399.1| Homo sapiens stathmin 1 (STMN1), transcript variant 2, mRNA; gi|224451:  
gi|44890053|ref|NM\_030906.2| Homo sapiens serine/threonine kinase 33 (STK33), mRNA;  
gi|44890054|ref|NM\_001050.2| Homo sapiens somatostatin receptor 2 (SSTR2), mRNA;  
gi|44890055|ref|NM\_001051.2| Homo sapiens somatostatin receptor 3 (SSTR3), mRNA;  
gi|44890058|ref|NM\_005547.2| Homo sapiens involucrin (IVL), mRNA;  
gi|44890060|ref|NM\_000942.4| Homo sapiens peptidylprolyl isomerase B (cyclophilin B) (PPIB), mRNA;  
gi|44890063|ref|NM\_002196.2| Homo sapiens insulinoma-associated 1 (INSM1), mRNA;  
gi|44890066|ref|NM\_002228.3| Homo sapiens jun proto-oncogene (JUN), mRNA;  
gi|44890067|ref|NM\_005095.2| Homo sapiens zinc finger, MYM-type 4 (ZMYM4), mRNA;  
gi|44921601|ref|NM\_153219.2| Homo sapiens zinc finger protein 524 (ZNF524), mRNA;  
gi|44921604|ref|NM\_005994.3| Homo sapiens T-box 2 (TBX2), mRNA;  
gi|44921611|ref|NM\_002229.2| Homo sapiens jun B proto-oncogene (JUNB), mRNA;  
gi|44921612|ref|NM\_006383.2| Homo sapiens calcium and integrin binding family member 2 (CIB2), mRNA  
gi|44921613|ref|NM\_138964.2| Homo sapiens prokineticin receptor 1 (PROKR1), mRNA;  
gi|44955887|ref|NM\_203378.1| Homo sapiens myoglobin (MB), transcript variant 3, mRNA; gi|44955884|r  
gi|44955897|ref|NM\_033227.2| Homo sapiens tripartite motif containing 23 (TRIM23), transcript variant be  
gi|44955920|ref|NM\_005230.2| Homo sapiens ELK3, ETS-domain protein (SRF accessory protein 2) (ELK3), i  
gi|44955928|ref|NM\_203459.1| Homo sapiens calmodulin regulated spectrin-associated protein family, me  
gi|45006902|ref|NM\_002398.2| Homo sapiens Meis homeobox 1 (MEIS1), mRNA;  
gi|45006969|ref|NM\_001938.2| Homo sapiens down-regulator of transcription 1, TBP-binding (negative col  
gi|45007006|ref|NM\_006187.2| Homo sapiens 2'-5'-oligoadenylate synthetase 3, 100kDa (OAS3), mRNA;  
gi|4501944|ref|NM\_001124.1| Homo sapiens adrenomedullin (ADM), mRNA;  
gi|4501988|ref|NM\_001134.1| Homo sapiens alpha-fetoprotein (AFP), mRNA;  
gi|4501994|ref|NM\_001138.1| Homo sapiens agouti related protein homolog (mouse) (AGRP), mRNA;  
gi|4502072|ref|NM\_001143.1| Homo sapiens amelogenin, Y-linked (AMELY), mRNA;  
gi|4502100|ref|NM\_000700.1| Homo sapiens annexin A1 (ANXA1), mRNA;  
gi|4502148|ref|NM\_001643.1| Homo sapiens apolipoprotein A-II (APOA2), mRNA;  
gi|4502186|ref|NM\_001170.1| Homo sapiens aquaporin 7 (AQP7), mRNA;  
gi|4502454|ref|NM\_001727.1| Homo sapiens bombesin-like receptor 3 (BRS3), mRNA;  
gi|4502520|ref|NM\_001739.1| Homo sapiens carbonic anhydrase VA, mitochondrial (CA5A), nuclear gene e  
gi|4502744|ref|NM\_001260.1| Homo sapiens cyclin-dependent kinase 8 (CDK8), mRNA;  
gi|4502858|ref|NM\_001827.1| Homo sapiens CDC28 protein kinase regulatory subunit 2 (CKS2), mRNA;  
gi|4503056|ref|NM\_001885.1| Homo sapiens crystallin, alpha B (CRYAB), mRNA;  
gi|4503100|ref|NM\_001321.1| Homo sapiens cysteine and glycine-rich protein 2 (CSRP2), mRNA;  
gi|4503218|ref|NM\_000769.1| Homo sapiens cytochrome P450, family 2, subfamily C, polypeptide 19 (CYP  
gi|4503300|ref|NM\_001359.1| Homo sapiens 2,4-dienoyl CoA reductase 1, mitochondrial (DECR1), nuclear  
gi|4503302|ref|NM\_001925.1| Homo sapiens defensin, alpha 4, corticostatin (DEFA4), mRNA;  
gi|4503362|ref|NM\_003859.1| Homo sapiens dolichyl-phosphate mannosyltransferase polypeptide 1, catal  
gi|4503690|ref|NM\_003868.1| Homo sapiens fibroblast growth factor 16 (FGF16), mRNA;  
gi|4503754|ref|NM\_002021.1| Homo sapiens flavin containing monooxygenase 1 (FMO1), mRNA;

gi|4503758|ref|NM\_002022.1| Homo sapiens flavin containing monooxygenase 4 (FMO4), mRNA;  
gi|4503824|ref|NM\_003505.1| Homo sapiens frizzled family receptor 1 (FZD1), mRNA;  
gi|4503832|ref|NM\_003507.1| Homo sapiens frizzled family receptor 7 (FZD7), mRNA;  
gi|4503882|ref|NM\_001474.1| Homo sapiens G antigen 4 (GAGE4), mRNA;  
gi|4503884|ref|NM\_001475.1| Homo sapiens G antigen 5 (GAGE5), mRNA;  
gi|4503886|ref|NM\_001476.1| Homo sapiens G antigen 6 (GAGE6), mRNA;  
gi|4503888|ref|NM\_001477.1| Homo sapiens G antigen 12I (GAGE12I), mRNA;  
gi|4503894|ref|NM\_000154.1| Homo sapiens galactokinase 1 (GALK1), mRNA;  
gi|4503906|ref|NM\_003614.1| Homo sapiens galanin receptor 3 (GALR3), mRNA;  
gi|4504056|ref|NM\_001501.1| Homo sapiens gonadotropin-releasing hormone 2 (GNRH2), transcript variat  
gi|4504092|ref|NM\_001506.1| Homo sapiens G protein-coupled receptor 32 (GPR32), mRNA;  
gi|4504094|ref|NM\_001507.1| Homo sapiens motilin receptor (MLNR), mRNA;  
gi|4504098|ref|NM\_001504.1| Homo sapiens chemokine (C-X-C motif) receptor 3 (CXCR3), transcript variat  
gi|4504492|ref|NM\_003806.1| Homo sapiens harakiri, BCL2 interacting protein (contains only BH3 domain)  
gi|4504532|ref|NM\_000863.1| Homo sapiens 5-hydroxytryptamine (serotonin) receptor 1B, G protein-cou  
gi|4504544|ref|NM\_000871.1| Homo sapiens 5-hydroxytryptamine (serotonin) receptor 6, G protein-coupl  
gi|4504588|ref|NM\_002171.1| Homo sapiens interferon, alpha 10 (IFNA10), mRNA;  
gi|4504604|ref|NM\_002177.1| Homo sapiens interferon, omega 1 (IFNW1), mRNA;  
gi|4504710|ref|NM\_002195.1| Homo sapiens insulin-like 4 (placenta) (INSL4), mRNA;  
gi|4504776|ref|NM\_000889.1| Homo sapiens integrin, beta 7 (ITGB7), mRNA;  
gi|4505004|ref|NM\_002315.1| Homo sapiens LIM domain only 1 (rhombotin 1) (LMO1), mRNA;  
gi|4505038|ref|NM\_002342.1| Homo sapiens lymphotoxin beta receptor (TNFR superfamily, member 3) (LT  
gi|4505120|ref|NM\_003925.1| Homo sapiens methyl-CpG binding domain protein 4 (MBD4), mRNA;  
gi|4505184|ref|NM\_002415.1| Homo sapiens macrophage migration inhibitory factor (glycosylation-inhibit  
gi|4505186|ref|NM\_002416.1| Homo sapiens chemokine (C-X-C motif) ligand 9 (CXCL9), mRNA;  
gi|4505226|ref|NM\_002432.1| Homo sapiens myeloid cell nuclear differentiation antigen (MNDA), mRNA;  
gi|4505234|ref|NM\_002435.1| Homo sapiens mannose phosphate isomerase (MPI), mRNA;  
gi|4505288|ref|NM\_002461.1| Homo sapiens mevalonate (diphospho) decarboxylase (MVD), mRNA;  
gi|4505304|ref|NM\_002477.1| Homo sapiens myosin, light chain 5, regulatory (MYL5), mRNA;  
gi|4505488|ref|NM\_002539.1| Homo sapiens ornithine decarboxylase 1 (ODC1), mRNA;  
gi|4505696|ref|NM\_000441.1| Homo sapiens solute carrier family 26, member 4 (SLC26A4), mRNA;  
gi|4505716|ref|NM\_003847.1| Homo sapiens peroxisomal biogenesis factor 11 alpha (PEX11A), mRNA;  
gi|4505844|ref|NM\_003561.1| Homo sapiens phospholipase A2, group X (PLA2G10), mRNA;  
gi|4505940|ref|NM\_000938.1| Homo sapiens polymerase (RNA) II (DNA directed) polypeptide B, 140kDa (P  
gi|4506012|ref|NM\_002712.1| Homo sapiens protein phosphatase 1, regulatory subunit 7 (PPP1R7), mRNA  
gi|4506026|ref|NM\_002720.1| Homo sapiens protein phosphatase 4, catalytic subunit (PPP4C), mRNA;  
gi|4506506|ref|NM\_003834.1| Homo sapiens regulator of G-protein signaling 11 (RGS11), transcript variant  
gi|4506524|ref|NM\_003961.1| Homo sapiens rhomboid, veinlet-like 1 (Drosophila) (RHBDL1), mRNA;  
gi|4506566|ref|NM\_003799.1| Homo sapiens RNA (guanine-7-) methyltransferase (RNMT), mRNA;  
gi|4506742|ref|NM\_001012.1| Homo sapiens ribosomal protein S8 (RPS8), mRNA;  
gi|4506762|ref|NM\_002960.1| Homo sapiens S100 calcium binding protein A3 (S100A3), mRNA;  
gi|4506766|ref|NM\_002962.1| Homo sapiens S100 calcium binding protein A5 (S100A5), mRNA;  
gi|4506832|ref|NM\_002981.1| Homo sapiens chemokine (C-C motif) ligand 1 (CCL1), mRNA;  
gi|4507224|ref|NM\_003140.1| Homo sapiens sex determining region Y (SRY), mRNA;  
gi|4507232|ref|NM\_003745.1| Homo sapiens suppressor of cytokine signaling 1 (SOCS1), mRNA;  
gi|4507246|ref|NM\_003149.1| Homo sapiens SH3 and cysteine rich domain (STAC), mRNA;  
gi|4507284|ref|NM\_003765.1| Homo sapiens syntaxin 10 (STX10), mRNA;

gi|4507310|ref|NM\_003168.1| Homo sapiens suppressor of Ty 4 homolog 1 (*S. cerevisiae*) (SUPT4H1), mRNA;

gi|4507356|ref|NM\_003564.1| Homo sapiens transgelin 2 (TAGLN2), mRNA;

gi|4507400|ref|NM\_003201.1| Homo sapiens transcription factor A, mitochondrial (TFAM), nuclear gene er

gi|4507676|ref|NM\_003299.1| Homo sapiens heat shock protein 90kDa beta (Grp94), member 1 (HSP90B1

gi|4507710|ref|NM\_003314.1| Homo sapiens tetratricopeptide repeat domain 1 (TTC1), mRNA;

gi|4507810|ref|NM\_003358.1| Homo sapiens UDP-glucose ceramide glucosyltransferase (UGCG), mRNA;

gi|4507822|ref|NM\_001073.1| Homo sapiens UDP glucuronosyltransferase 2 family, polypeptide B11 (UGT

gi|4507962|ref|NM\_003408.1| Homo sapiens zinc finger protein 37 homolog (mouse) (ZFP37), mRNA;

gi|4508044|ref|NM\_003460.1| Homo sapiens zona pellucida glycoprotein 2 (sperm receptor) (ZP2), mRNA;

gi|45238581|ref|NM\_014790.3| Homo sapiens janus kinase and microtubule interacting protein 2 (JAKMIP2

gi|45238844|ref|NM\_053049.2| Homo sapiens urocortin 3 (stresscopin) (UCN3), mRNA;

gi|45238846|ref|NM\_006142.3| Homo sapiens stratifin (SFN), mRNA;

gi|45238847|ref|NM\_000945.3| Homo sapiens protein phosphatase 3, regulatory subunit B, alpha (PPP3R1

gi|45238848|ref|NM\_030979.2| Homo sapiens poly(A) binding protein, cytoplasmic 3 (PABPC3), mRNA;

gi|45238853|ref|NM\_138456.3| Homo sapiens basic leucine zipper transcription factor, ATF-like 2 (BATF2),

gi|45243468|ref|NM\_002934.2| Homo sapiens ribonuclease, RNase A family, 2 (liver, eosinophil-derived ne

gi|45243500|ref|NM\_015367.2| Homo sapiens BCL2-like 13 (apoptosis facilitator) (BCL2L13), nuclear gene

gi|45243506|ref|NM\_002935.2| Homo sapiens ribonuclease, RNase A family, 3 (RNASE3), mRNA;

gi|45243546|ref|NM\_203488.1| Homo sapiens acylphosphatase 1, erythrocyte (common) type (ACYP1), tra

gi|45267838|ref|NM\_017550.1| Homo sapiens mesoderm induction early response 1, family member 2 (MI

gi|45269136|ref|NM\_033540.2| Homo sapiens mitofusin 1 (MFN1), nuclear gene encoding mitochondrial p

gi|45269140|ref|NM\_007351.2| Homo sapiens multimerin 1 (MMRN1), mRNA;

gi|45269143|ref|NM\_012289.3| Homo sapiens kelch-like ECH-associated protein 1 (KEAP1), transcript varia

gi|45269147|ref|NM\_002677.3| Homo sapiens peripheral myelin protein 2 (PMP2), mRNA;

gi|45269148|ref|NM\_014298.3| Homo sapiens quinolinate phosphoribosyltransferase (QPRT), mRNA;

gi|45269153|ref|NM\_005978.3| Homo sapiens S100 calcium binding protein A2 (S100A2), mRNA;

gi|45269155|ref|NM\_080740.3| Homo sapiens zinc finger protein 280A (ZNF280A), mRNA;

gi|45331209|ref|NM\_014650.2| Homo sapiens zinc finger protein 432 (ZNF432), mRNA;

gi|45331216|ref|NM\_133444.1| Homo sapiens zinc finger protein 526 (ZNF526), mRNA;

gi|45333897|ref|NM\_153690.4| Homo sapiens family with sequence similarity 43, member A (FAM43A), m

gi|45333915|ref|NM\_178456.2| Homo sapiens chromosome 20 open reading frame 85 (C20orf85), mRNA;

gi|45333920|ref|NM\_024095.3| Homo sapiens ankyrin repeat and SOCS box containing 8 (ASB8), mRNA;

gi|45356742|ref|NM\_020382.3| Homo sapiens SET domain containing (lysine methyltransferase) 8 (SETD8),

gi|45359864|ref|NM\_004771.3| Homo sapiens matrix metalloproteinase 20 (MMP20), mRNA;

gi|45387924|ref|NM\_205545.1| Homo sapiens LY6/PLAUR domain containing 2 (LYPD2), mRNA;

gi|45387948|ref|NM\_133368.1| Homo sapiens ring finger and SPRY domain containing 1 (RSPRY1), mRNA;

gi|45387952|ref|NM\_152387.2| Homo sapiens potassium channel tetramerisation domain containing 18 (K

gi|45387954|ref|NM\_205767.1| Homo sapiens chromosome 19 open reading frame 70 (C19orf70), mRNA;

gi|45387956|ref|NM\_020404.2| Homo sapiens CD248 molecule, endosialin (CD248), mRNA;

gi|45387957|ref|NM\_014811.3| Homo sapiens protein phosphatase 1, regulatory subunit 26 (PPP1R26), ml

gi|45433500|ref|NM\_052846.1| Homo sapiens elastin microfibril interfacer 3 (EMILIN3), mRNA;

gi|45433538|ref|NM\_006327.2| Homo sapiens translocase of inner mitochondrial membrane 23 homolog (

gi|45433545|ref|NM\_020697.2| Homo sapiens potassium voltage-gated channel, delayed-rectifier, subfami

gi|45439305|ref|NM\_001349.2| Homo sapiens aspartyl-tRNA synthetase (DARS), mRNA;

gi|45439319|ref|NM\_000943.4| Homo sapiens peptidylprolyl isomerase C (cyclophilin C) (PPIC), mRNA;

gi|45439320|ref|NM\_005038.2| Homo sapiens peptidylprolyl isomerase D (PPID), mRNA;

gi|45439321|ref|NM\_005729.3| Homo sapiens peptidylprolyl isomerase F (PPIF), nuclear gene encoding mi

gi|45439322|ref|NM\_006347.3| Homo sapiens peptidylprolyl isomerase H (cyclophilin H) (PPIH), mRNA;

gi|45439324|ref|NM\_203471.1| Homo sapiens lectin, galactoside-binding, soluble, 14 (LGALS14), transcript

gi|45439332|ref|NM\_203474.1| Homo sapiens porcupine homolog (Drosophila) (PORCN), transcript variant

gi|45439345|ref|NM\_203467.1| Homo sapiens leucine rich repeat protein 1 (LRR1), transcript variant 3, mR

gi|45439347|ref|NM\_018445.4| Homo sapiens selenoprotein S (SELS), transcript variant 2, mRNA; gi|45439

gi|45439350|ref|NM\_016332.2| Homo sapiens methionine sulfoxide reductase B1 (MSRB1), mRNA;

gi|45439351|ref|NM\_003955.3| Homo sapiens suppressor of cytokine signaling 3 (SOCS3), mRNA;

gi|45439354|ref|NM\_201437.1| Homo sapiens transcription elongation factor A (SII), 1 (TCEA1), transcript \

gi|45439356|ref|NM\_016427.2| Homo sapiens transcription elongation factor B polypeptide 3B (elongin A2

gi|45439358|ref|NM\_007118.2| Homo sapiens triple functional domain (PTPRF interacting) (TRIO), mRNA;

gi|45439360|ref|NM\_000728.3| Homo sapiens calcitonin-related polypeptide beta (CALCB), mRNA;

gi|45439363|ref|NM\_004438.3| Homo sapiens EPH receptor A4 (EPHA4), mRNA;

gi|45446746|ref|NM\_203499.1| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 42 (DDX42), transc

gi|45446748|ref|NM\_004984.2| Homo sapiens kinesin family member 5A (KIF5A), mRNA;

gi|45446751|ref|NM\_001169.2| Homo sapiens aquaporin 8 (AQP8), mRNA;

gi|45504345|ref|NM\_205859.1| Homo sapiens olfactory receptor, family 2, subfamily K, member 2 (OR2K2

gi|45504385|ref|NM\_012367.1| Homo sapiens olfactory receptor, family 2, subfamily B, member 6 (OR2B6

gi|45505133|ref|NM\_014554.2| Homo sapiens SUMO1/sentrin specific peptidase 1 (SEN1), mRNA;

gi|45505134|ref|NM\_032562.2| Homo sapiens phospholipase A2, group XIIB (PLA2G12B), mRNA;

gi|45505138|ref|NM\_152309.2| Homo sapiens phosphoinositide-3-kinase adaptor protein 1 (PIK3AP1), mR

gi|45505141|ref|NM\_003822.3| Homo sapiens nuclear receptor subfamily 5, group A, member 2 (NR5A2), 1

gi|45505142|ref|NM\_021077.3| Homo sapiens neuromedin B (NMB), transcript variant 1, mRNA; gi|45505:

gi|45505152|ref|NM\_013436.3| Homo sapiens NCK-associated protein 1 (NCKAP1), transcript variant 1, mR

gi|45505153|ref|NM\_138492.4| Homo sapiens PRELI domain containing 2 (PRELID2), transcript variant 3, m

gi|45505174|ref|NM\_032566.2| Homo sapiens serine peptidase inhibitor, Kazal type 7 (putative) (SPINK7), i

gi|45505175|ref|NM\_001387.2| Homo sapiens dihydropyrimidinase-like 3 (DPYSL3), transcript variant 2, m

gi|45505179|ref|NM\_033419.3| Homo sapiens post-GPI attachment to proteins 3 (PGAP3), mRNA;

gi|45545408|ref|NM\_205836.1| Homo sapiens F-box protein 38 (FBXO38), transcript variant 2, mRNA; gi|4:

gi|45545420|ref|NM\_178543.3| Homo sapiens ectonucleotide pyrophosphatase/phosphodiesterase 7 (ENP

gi|45545425|ref|NM\_000164.2| Homo sapiens gastric inhibitory polypeptide receptor (GIPR), mRNA;

gi|4557240|ref|NM\_001104.1| Homo sapiens actinin, alpha 3 (ACTN3), mRNA;

gi|4557320|ref|NM\_000039.1| Homo sapiens apolipoprotein A-I (APOA1), mRNA;

gi|4557322|ref|NM\_000040.1| Homo sapiens apolipoprotein C-III (APOC3), mRNA;

gi|4557328|ref|NM\_000639.1| Homo sapiens Fas ligand (TNF superfamily, member 6) (FASLG), mRNA;

gi|4557346|ref|NM\_001187.1| Homo sapiens B melanoma antigen (BAGE), mRNA;

gi|4557510|ref|NM\_001348.1| Homo sapiens death-associated protein kinase 3 (DAPK3), mRNA;

gi|4557562|ref|NM\_000122.1| Homo sapiens excision repair cross-complementing rodent repair deficiency

gi|4557594|ref|NM\_001452.1| Homo sapiens forkhead box F2 (FOXF2), mRNA;

gi|4557634|ref|NM\_001524.1| Homo sapiens hypocretin (orexin) neuropeptide precursor (HCRT), mRNA;

gi|4557648|ref|NM\_000197.1| Homo sapiens hydroxysteroid (17-beta) dehydrogenase 3 (HSD17B3), mRNA

gi|4557656|ref|NM\_001545.1| Homo sapiens immature colon carcinoma transcript 1 (ICT1), mRNA;

gi|4557718|ref|NM\_000234.1| Homo sapiens ligase I, DNA, ATP-dependent (LIG1), mRNA;

gi|4557758|ref|NM\_000250.1| Homo sapiens myeloperoxidase (MPO), nuclear gene encoding mitochondri

gi|4557760|ref|NM\_000251.1| Homo sapiens mutS homolog 2, colon cancer, nonpolyposis type 1 (E. coli) (

gi|4557778|ref|NM\_000261.1| Homo sapiens myocilin, trabecular meshwork inducible glucocorticoid resp

gi|4557818|ref|NM\_000277.1| Homo sapiens phenylalanine hydroxylase (PAH), mRNA;

gi|4557850|ref|NM\_000340.1| Homo sapiens solute carrier family 2 (facilitated glucose transporter), memk

gi|4557891|ref|NM\_000229.1| Homo sapiens lecithin-cholesterol acyltransferase (LCAT), mRNA;

gi|45580687|ref|NM\_000587.2| Homo sapiens complement component 7 (C7), mRNA;

gi|45580689|ref|NM\_130441.2| Homo sapiens C-type lectin domain family 4, member C (CLEC4C), transcript variant 1, mRNA;

gi|45580698|ref|NM\_057159.2| Homo sapiens lysophosphatidic acid receptor 1 (LPAR1), transcript variant 1, mRNA;

gi|45580703|ref|NM\_173625.3| Homo sapiens chromosome 17 open reading frame 78 (C17orf78), mRNA;

gi|45580708|ref|NM\_030930.2| Homo sapiens unc-93 homolog B1 (C. elegans) (UNC93B1), mRNA;

gi|45580718|ref|NM\_206818.1| Homo sapiens osteoclast associated, immunoglobulin-like receptor (OSCAR), mRNA;

gi|45580721|ref|NM\_022658.3| Homo sapiens homeobox C8 (HOXC8), mRNA;

gi|45580722|ref|NM\_020995.3| Homo sapiens haptoglobin-related protein (HPR), mRNA;

gi|45580725|ref|NM\_002073.2| Homo sapiens guanine nucleotide binding protein (G protein), alpha z polypeptide 1, mRNA;

gi|45580728|ref|NM\_005954.2| Homo sapiens metallothionein 3 (MT3), mRNA;

gi|45580729|ref|NM\_181806.2| Homo sapiens aminoadipate-semialdehyde dehydrogenase (AASDH), mRNA;

gi|45592948|ref|NM\_206832.1| Homo sapiens transmembrane and immunoglobulin domain containing 1 (TMEM163), mRNA;

gi|45592962|ref|NM\_206827.1| Homo sapiens RAS-like, family 11, member A (RASL11A), mRNA;

gi|45593137|ref|NM\_145256.2| Homo sapiens leucine rich repeat containing 25 (LRRC25), mRNA;

gi|45593139|ref|NM\_019096.3| Homo sapiens GTP binding protein 2 (GTPBP2), mRNA;

gi|45593141|ref|NM\_152393.2| Homo sapiens kelch repeat and BTB (POZ) domain containing 5 (KBTBD5), mRNA;

gi|45593143|ref|NM\_001485.2| Homo sapiens gastrulation brain homeobox 2 (GBX2), mRNA;

gi|45593145|ref|NM\_001496.3| Homo sapiens GDNF family receptor alpha 3 (GFRA3), mRNA;

gi|45593146|ref|NM\_206539.1| Homo sapiens delta-like 2 homolog (Drosophila) (DLK2), transcript variant 1, mRNA;

gi|45594311|ref|NM\_032271.2| Homo sapiens TNF receptor-associated factor 7, E3 ubiquitin protein ligase 1, mRNA;

gi|45594662|ref|NM\_002428.2| Homo sapiens matrix metalloproteinase 15 (membrane-inserted) (MMP15), mRNA;

gi|45597173|ref|NM\_006166.3| Homo sapiens nuclear transcription factor Y, beta (NFYB), mRNA;

gi|45597174|ref|NM\_198868.2| Homo sapiens TBC1 domain family, member 9B (with GRAM domain) (TBC1D9B), mRNA;

gi|45643128|ref|NM\_206826.1| Homo sapiens guanine nucleotide binding protein-like 3 (nucleolar) (GNL3), mRNA;

gi|45643134|ref|NM\_206839.1| Homo sapiens mortality factor 4 like 1 (MORF4L1), transcript variant 2, mRNA;

gi|45643139|ref|NM\_139278.2| Homo sapiens leucine-rich repeat LGI family, member 3 (LGI3), mRNA;

gi|45827688|ref|NM\_001186.2| Homo sapiens BTB and CNC homology 1, basic leucine zipper transcription factor 1, mRNA;

gi|45827699|ref|NM\_018944.2| Homo sapiens MIS18 kinetochore protein homolog A (S. pombe) (MIS18A), mRNA;

gi|45827700|ref|NM\_005128.2| Homo sapiens dopey family member 2 (DOPEY2), mRNA;

gi|45827703|ref|NM\_206898.1| Homo sapiens melanocortin 2 receptor accessory protein (MRAP), transcript variant 1, mRNA;

gi|45827722|ref|NM\_206914.1| Homo sapiens methyltransferase like 21B (METTL21B), transcript variant 2, mRNA;

gi|45827724|ref|NM\_001389.3| Homo sapiens Down syndrome cell adhesion molecule (DSCAM), transcript variant 1, mRNA;

gi|45827727|ref|NM\_005980.2| Homo sapiens S100 calcium binding protein P (S100P), mRNA;

gi|45827732|ref|NM\_003079.4| Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of chromatin subfamily A member 1, mRNA;

gi|45827737|ref|NM\_024006.4| Homo sapiens vitamin K epoxide reductase complex, subunit 1 (VKORC1), transcript variant 1, mRNA;

gi|45827761|ref|NM\_019075.2| Homo sapiens UDP glucuronosyltransferase 1 family, polypeptide A10 (UGT1A10), mRNA;

gi|45827762|ref|NM\_000463.2| Homo sapiens UDP glucuronosyltransferase 1 family, polypeptide A1 (UGT1A1), mRNA;

gi|45827763|ref|NM\_007120.2| Homo sapiens UDP glucuronosyltransferase 1 family, polypeptide A4 (UGT1A4), mRNA;

gi|45827768|ref|NM\_019076.4| Homo sapiens UDP glucuronosyltransferase 1 family, polypeptide A8 (UGT1A8), mRNA;

gi|45827769|ref|NM\_021027.2| Homo sapiens UDP glucuronosyltransferase 1 family, polypeptide A9 (UGT1A9), mRNA;

gi|45827774|ref|NM\_021136.2| Homo sapiens reticulon 1 (RTN1), transcript variant 1, mRNA; gi|34160477

gi|45827788|ref|NM\_005441.2| Homo sapiens chromatin assembly factor 1, subunit B (p60) (CHAF1B), mRNA;

gi|45827791|ref|NM\_004074.2| Homo sapiens cytochrome c oxidase subunit VIIIA (ubiquitous) (COX8A), mRNA;

gi|45827794|ref|NM\_052954.2| Homo sapiens cysteine/tyrosine-rich 1 (CYR1), mRNA;

gi|45827796|ref|NM\_002708.3| Homo sapiens protein phosphatase 1, catalytic subunit, alpha isozyme (PPP1CA), mRNA;

gi|45827805|ref|NM\_015459.3| Homo sapiens atlastin GTPase 3 (ATL3), mRNA;

gi|45827808|ref|NM\_004672.3| Homo sapiens mitogen-activated protein kinase kinase kinase 6 (MAP3K6),  
 gi|45935370|ref|NM\_002727.2| Homo sapiens serglycin (SRGN), transcript variant 1, mRNA; gi|301336137  
 gi|45935382|ref|NM\_206925.1| Homo sapiens carbonic anhydrase XII (CA12), transcript variant 2, mRNA; g  
 gi|45935384|ref|NM\_015278.3| Homo sapiens SAM and SH3 domain containing 1 (SASH1), mRNA;  
 gi|45935388|ref|NM\_176825.2| Homo sapiens sulfotransferase family, cytosolic, 1C, member 2 (SULT1C2),  
 gi|45935390|ref|NM\_015621.2| Homo sapiens coiled-coil domain containing 69 (CCDC69), mRNA;  
 gi|45935392|ref|NM\_024939.2| Homo sapiens epithelial splicing regulatory protein 2 (ESRP2), mRNA;  
 gi|46047428|ref|NM\_206880.1| Homo sapiens olfactory receptor, family 2, subfamily V, member 2 (OR2V2  
 gi|46047466|ref|NM\_206895.1| Homo sapiens chromosome 2 open reading frame 82 (C2orf82), mRNA;  
 gi|46048142|ref|NM\_012363.1| Homo sapiens olfactory receptor, family 1, subfamily N, member 1 (OR1N1  
 gi|46048194|ref|NM\_014178.6| Homo sapiens syntaxin binding protein 6 (amisyn) (STXBP6), mRNA;  
 gi|46049091|ref|NM\_006175.3| Homo sapiens nebulin-related anchoring protein (NRAP), transcript variant  
 gi|46049113|ref|NM\_016195.2| Homo sapiens kinesin family member 20B (KIF20B), mRNA;  
 gi|46094008|ref|NM\_054024.3| Homo sapiens melanoma inhibitory activity 2 (MIA2), mRNA;  
 gi|46094050|ref|NM\_021648.4| Homo sapiens TSPY-like 4 (TSPYL4), mRNA;  
 gi|46094052|ref|NM\_014908.3| Homo sapiens dolichol kinase (DOLK), mRNA;  
 gi|46094054|ref|NM\_005988.2| Homo sapiens small proline-rich protein 2A (SPRR2A), mRNA;  
 gi|46094055|ref|NM\_007084.2| Homo sapiens SRY (sex determining region Y)-box 21 (SOX21), mRNA;  
 gi|46094056|ref|NM\_015169.3| Homo sapiens RRS1 ribosome biogenesis regulator homolog (S. cerevisiae)  
 gi|46094057|ref|NM\_005443.4| Homo sapiens 3'-phosphoadenosine 5'-phosphosulfate synthase 1 (PAPSS1  
 gi|46094059|ref|NM\_206915.1| Homo sapiens nerve growth factor receptor (TNFRSF16) associated proteir  
 gi|46094077|ref|NM\_153330.2| Homo sapiens DnaJ (Hsp40) homolog, subfamily B, member 8 (DNAJB8), m  
 gi|46094078|ref|NM\_006848.2| Homo sapiens coiled-coil domain containing 85B (CCDC85B), mRNA;  
 gi|46094082|ref|NM\_004709.2| Homo sapiens chromosome X open reading frame 1 (CXorf1), mRNA;  
 gi|46094083|ref|NM\_015235.2| Homo sapiens cleavage stimulation factor, 3' pre-RNA, subunit 2, 64kDa, tr  
 gi|46094084|ref|NM\_024294.2| Homo sapiens chromosome 6 open reading frame 106 (C6orf106), transcri  
 gi|46195718|ref|NM\_015441.1| Homo sapiens olfactomedin-like 2B (OLFML2B), mRNA;  
 gi|46195754|ref|NM\_052923.1| Homo sapiens SCAN domain containing 3 (SCAND3), mRNA;  
 gi|46198303|ref|NM\_016565.2| Homo sapiens coiled-coil-helix-coiled-coil-helix domain containing 8 (CHCH  
 gi|46198305|ref|NM\_017594.3| Homo sapiens DIRAS family, GTP-binding RAS-like 2 (DIRAS2), mRNA;  
 gi|46240865|ref|NM\_206998.1| Homo sapiens secretoglobin, family 1D, member 4 (SCGB1D4), mRNA;  
 gi|46243670|ref|NM\_206997.1| Homo sapiens G protein-coupled receptor 152 (GPR152), mRNA;  
 gi|46249344|ref|NM\_021201.4| Homo sapiens membrane-spanning 4-domains, subfamily A, member 7 (M  
 gi|46249345|ref|NM\_004272.3| Homo sapiens homer homolog 1 (Drosophila) (HOMER1), mRNA;  
 gi|46249365|ref|NM\_006115.3| Homo sapiens preferentially expressed antigen in melanoma (PRAME), tra  
 gi|46249375|ref|NM\_206876.1| Homo sapiens protein phosphatase 1, catalytic subunit, beta isozyme (PPP  
 gi|46249380|ref|NM\_018660.2| Homo sapiens zinc finger protein 395 (ZNF395), mRNA;  
 gi|46249387|ref|NM\_004577.3| Homo sapiens phosphoserine phosphatase (PSPH), mRNA;  
 gi|46249403|ref|NM\_019078.1| Homo sapiens UDP glucuronosyltransferase 1 family, polypeptide A5 (UGT  
 gi|46255016|ref|NM\_207006.1| Homo sapiens family with sequence similarity 83, member A (FAM83A), tra  
 gi|46255020|ref|NM\_018132.3| Homo sapiens centromere protein Q (CENPQ), mRNA;  
 gi|46255025|ref|NM\_016121.3| Homo sapiens potassium channel tetramerisation domain containing 3 (KC  
 gi|46255031|ref|NM\_206964.1| Homo sapiens family with sequence similarity 3, member B (FAM3B), trans  
 gi|46255034|ref|NM\_206965.1| Homo sapiens formiminotransferase cyclodeaminase (FTCD), transcript var  
 gi|46255040|ref|NM\_002888.2| Homo sapiens retinoic acid receptor responder (tazarotene induced) 1 (RA  
 gi|46255053|ref|NM\_004886.3| Homo sapiens amyloid beta (A4) precursor protein-binding, family A, mem  
 gi|46275838|ref|NM\_145267.2| Homo sapiens chromosome 6 open reading frame 57 (C6orf57), mRNA;



gi|46276862|ref|NM\_002824.4| Homo sapiens parathymosin (PTMS), mRNA;

gi|46309847|ref|NM\_002652.2| Homo sapiens prolactin-induced protein (PIP), mRNA;

gi|46309848|ref|NM\_020317.3| Homo sapiens chromosome 1 open reading frame 63 (C1orf63), mRNA;

gi|46309852|ref|NM\_080574.2| Homo sapiens BPI fold containing family A, member 2 (BPIFA2), mRNA;

gi|46358409|ref|NM\_006788.3| Homo sapiens ralA binding protein 1 (RALBP1), mRNA;

gi|46358410|ref|NM\_207009.2| Homo sapiens family with sequence similarity 45, member A (FAM45A), mRNA;

gi|46358414|ref|NM\_005750.2| Homo sapiens chromosome 4 open reading frame 6 (C4orf6), mRNA;

gi|46358415|ref|NM\_005867.2| Homo sapiens Down syndrome critical region gene 4 (DSCR4), mRNA;

gi|46358416|ref|NM\_000840.2| Homo sapiens glutamate receptor, metabotropic 3 (GRM3), mRNA;

gi|46358427|ref|NM\_015662.1| Homo sapiens intraflagellar transport 172 homolog (Chlamydomonas) (IFT172), mRNA;

gi|46359072|ref|NM\_004744.3| Homo sapiens lecithin retinol acyltransferase (phosphatidylcholine--retinol acyltransferase) (Lec-AT), mRNA;

gi|46359073|ref|NM\_003480.2| Homo sapiens microfibrillar associated protein 5 (MFAP5), mRNA;

gi|46359074|ref|NM\_015069.2| Homo sapiens zinc finger protein 423 (ZNF423), mRNA;

gi|46361973|ref|NM\_016202.2| Homo sapiens zinc finger protein 580 (ZNF580), transcript variant 1, mRNA;

gi|46361974|ref|NM\_032295.2| Homo sapiens solute carrier family 37 (glycerol-3-phosphate transporter), member 1 (SLC37A1), mRNA;

gi|46361977|ref|NM\_014353.4| Homo sapiens RAB26, member RAS oncogene family (RAB26), mRNA;

gi|46361979|ref|NM\_005375.2| Homo sapiens v-myb myeloblastosis viral oncogene homolog (avian) (MYB), mRNA;

gi|46361985|ref|NM\_032304.2| Homo sapiens hydroxyacylglutathione hydrolase-like (HAGHL), transcript variant 1, mRNA;

gi|46361989|ref|NM\_144570.2| Homo sapiens hematological and neurological expressed 1-like (HN1L), mRNA;

gi|46370063|ref|NM\_207034.1| Homo sapiens endothelin 3 (EDN3), transcript variant 4, mRNA; gi|46370065|ref|NM\_000127.2| Homo sapiens exostosin 1 (EXT1), mRNA;

gi|46370068|ref|NM\_207122.1| Homo sapiens exostosin 2 (EXT2), transcript variant 2, mRNA; gi|29601087|ref|NM\_001087.1| Homo sapiens exostosin 2 (EXT2), transcript variant 1, mRNA;

gi|46370085|ref|NM\_207040.1| Homo sapiens transcription factor 12 (TCF12), transcript variant 5, mRNA; gi|46370090|ref|NM\_170746.2| Homo sapiens chromosome 11 open reading frame 31 (C11orf31), mRNA;

gi|46370091|ref|NM\_021237.3| Homo sapiens selenoprotein K (SELK), mRNA;

gi|46370092|ref|NM\_080430.2| Homo sapiens selenoprotein M (SELM), mRNA;

gi|46370096|ref|NM\_014188.2| Homo sapiens SSU72 RNA polymerase II CTD phosphatase homolog (S. cerevisiae) (SSU72), mRNA;

gi|46370097|ref|NM\_024026.4| Homo sapiens mitochondrial ribosomal protein 63 (MRP63), nuclear gene 1 (MRP63), mRNA;

gi|46371194|ref|NM\_153257.2| Homo sapiens zinc finger protein 461 (ZNF461), mRNA;

gi|46389549|ref|NM\_207042.1| Homo sapiens endosulfine alpha (ENSA), transcript variant 1, mRNA; gi|46389563|ref|NM\_000428.2| Homo sapiens latent transforming growth factor beta binding protein 2 (LTBR), mRNA;

gi|46391084|ref|NM\_207173.1| Homo sapiens neuropeptide S receptor 1 (NPSR1), transcript variant 2, mRNA;

gi|46395477|ref|NR\_002140.1| Homo sapiens olfactory receptor, family 6, subfamily W, member 1 pseudogene 1 (OR6W1), mRNA;

gi|46395480|ref|NR\_002141.1| Homo sapiens olfactory receptor, family 2, subfamily M, member 1 pseudogene 1 (OR2M1), mRNA;

gi|46397309|ref|NM\_207128.1| Homo sapiens polyamine oxidase (exo-N4-amino) (PAOX), transcript variant 1, mRNA;

gi|46397371|ref|NM\_018205.2| Homo sapiens leucine rich repeat containing 20 (LRRC20), transcript variant 1, mRNA;

gi|46397374|ref|NM\_018150.2| Homo sapiens ring finger protein 220 (RNF220), mRNA;

gi|46397376|ref|NM\_207117.2| Homo sapiens solute carrier family 25, member 47 (SLC25A47), nuclear gene 1 (SLC25A47), mRNA;

gi|46397401|ref|NM\_007264.3| Homo sapiens G protein-coupled receptor 182 (GPR182), mRNA;

gi|46397402|ref|NM\_004365.2| Homo sapiens centrin, EF-hand protein, 3 (CETN3), mRNA;

gi|46409259|ref|NM\_207307.1| Homo sapiens chromosome 3 open reading frame 25 (C3orf25), mRNA;

gi|46409265|ref|NM\_207310.1| Homo sapiens coiled-coil domain containing 74B (CCDC74B), mRNA;

gi|46409275|ref|NM\_207316.1| Homo sapiens transmembrane protein 207 (TMEM207), mRNA;

gi|46409277|ref|NM\_207317.1| Homo sapiens zinc finger protein 474 (ZNF474), mRNA;

gi|46409281|ref|NM\_207320.1| Homo sapiens OTU domain containing 6A (OTUD6A), mRNA;

gi|46409301|ref|NM\_207330.1| Homo sapiens NIPA-like domain containing 1 (NIPAL1), mRNA;

gi|46409303|ref|NM\_207332.1| Homo sapiens glutamate-rich 1 (ERICH1), mRNA;

gi|46409309|ref|NM\_207336.1| Homo sapiens zinc finger protein 467 (ZNF467), mRNA;  
 gi|46409315|ref|NM\_207340.1| Homo sapiens zinc finger, DHHC-type containing 24 (ZDHHC24), mRNA;  
 gi|46409329|ref|NM\_207348.1| Homo sapiens solute carrier family 25, member 34 (SLC25A34), mRNA;  
 gi|46409389|ref|NM\_207379.1| Homo sapiens transmembrane protein 179 (TMEM179), mRNA;  
 gi|46409417|ref|NM\_207393.1| Homo sapiens IGF-like family member 3 (IGFL3), mRNA;  
 gi|46409433|ref|NM\_207401.1| Homo sapiens chromosome 1 open reading frame 229 (C1orf229), mRNA;  
 gi|46409439|ref|NM\_207408.1| Homo sapiens chromosome 5 open reading frame 48 (C5orf48), mRNA;  
 gi|46409447|ref|NM\_207412.1| Homo sapiens chromosome 8 open reading frame 86 (C8orf86), mRNA;  
 gi|46409465|ref|NM\_207417.1| Homo sapiens chromosome 9 open reading frame 171 (C9orf171), mRNA;  
 gi|46409493|ref|NM\_207435.1| Homo sapiens chromosome 12 open reading frame 76 (C12orf76), mRNA;  
 gi|46409503|ref|NM\_207440.1| Homo sapiens chromosome 13 open reading frame 35 (C13orf35), mRNA;  
 gi|46409645|ref|NM\_207511.1| Homo sapiens chromosome 9 open reading frame 139 (C9orf139), mRNA;  
 gi|46410928|ref|NM\_014096.2| Homo sapiens solute carrier family 43, member 3 (SLC43A3), mRNA; gi|411  
 gi|46410932|ref|NM\_032423.2| Homo sapiens zinc finger protein 528 (ZNF528), mRNA;  
 gi|46411160|ref|NM\_001098.2| Homo sapiens aconitase 2, mitochondrial (ACO2), nuclear gene encoding n  
 gi|46411165|ref|NM\_207293.1| Homo sapiens muscleblind-like splicing regulator 1 (MBNL1), transcript var  
 gi|46411186|ref|NM\_005234.3| Homo sapiens nuclear receptor subfamily 2, group F, member 6 (NR2F6), n  
 gi|46447822|ref|NM\_032815.3| Homo sapiens nuclear factor of activated T-cells, cytoplasmic, calcineurin-c  
 gi|46485464|ref|NM\_144565.2| Homo sapiens dual oxidase maturation factor 1 (DUOXA1), mRNA;  
 gi|46488922|ref|NM\_004319.1| Homo sapiens astrotactin 1 (ASTN1), transcript variant 1, mRNA; gi|46488  
 gi|46488931|ref|NM\_000629.2| Homo sapiens interferon (alpha, beta and omega) receptor 1 (IFNAR1), mR  
 gi|46488934|ref|NM\_207584.1| Homo sapiens interferon (alpha, beta and omega) receptor 2 (IFNAR2), tra  
 gi|46488943|ref|NM\_207519.1| Homo sapiens zeta-chain (TCR) associated protein kinase 70kDa (ZAP70), ti  
 gi|46519169|ref|NM\_003732.2| Homo sapiens eukaryotic translation initiation factor 4E binding protein 3 (I  
 gi|46559760|ref|NM\_032512.2| Homo sapiens PDZ domain containing 4 (PDZD4), mRNA;  
 gi|46560554|ref|NM\_207313.1| Homo sapiens transmembrane protein 132E (TMEM132E), mRNA;  
 gi|46592955|ref|NM\_207174.1| Homo sapiens ATP-binding cassette, sub-family G (WHITE), member 1 (ABC  
 gi|46592999|ref|NM\_207672.1| Homo sapiens GRIP1 associated protein 1 (GRIPAP1), transcript variant 2, r  
 gi|46593006|ref|NM\_003365.2| Homo sapiens ubiquinol-cytochrome c reductase core protein I (UQCRC1),  
 gi|46852146|ref|NM\_018060.3| Homo sapiens isoleucyl-tRNA synthetase 2, mitochondrial (IARS2), nuclear  
 gi|46852160|ref|NM\_052897.3| Homo sapiens methyl-CpG binding domain protein 6 (MBD6), mRNA;  
 gi|46852167|ref|NM\_006699.3| Homo sapiens mannosidase, alpha, class 1A, member 2 (MAN1A2), mRNA;  
 gi|46852170|ref|NM\_198946.2| Homo sapiens lipocalin 6 (LCN6), mRNA;  
 gi|46852179|ref|NM\_021817.2| Homo sapiens hyaluronan and proteoglycan link protein 2 (HAPLN2), mRN  
 gi|46852180|ref|NM\_015687.2| Homo sapiens filamin A interacting protein 1 (FILIP1), mRNA;  
 gi|46852387|ref|NM\_018237.2| Homo sapiens cell division cycle and apoptosis regulator 1 (CCAR1), mRNA;  
 gi|46852391|ref|NM\_014292.3| Homo sapiens chromobox homolog 6 (CBX6), mRNA;  
 gi|46852396|ref|NM\_144691.3| Homo sapiens calpain 12 (CAPN12), mRNA;  
 gi|46877065|ref|NM\_207299.1| Homo sapiens lipid phosphate phosphatase-related protein type 1 (LPPR1)  
 gi|46877069|ref|NM\_005399.3| Homo sapiens protein kinase, AMP-activated, beta 2 non-catalytic subunit  
 gi|46877100|ref|NM\_007122.3| Homo sapiens upstream transcription factor 1 (USF1), transcript variant 1,  
 gi|46877103|ref|NM\_003367.2| Homo sapiens upstream transcription factor 2, c-fos interacting (USF2), tra  
 gi|46909583|ref|NM\_207518.1| Homo sapiens protein kinase, cAMP-dependent, catalytic, alpha (PRKACA),  
 gi|46909593|ref|NM\_207194.1| Homo sapiens ADAM metallopeptidase domain 15 (ADAM15), transcript v  
 gi|47059491|ref|NM\_025041.2| Homo sapiens chromosome 3 open reading frame 36 (C3orf36), mRNA;  
 gi|47078220|ref|NM\_004840.2| Homo sapiens Rac/Cdc42 guanine nucleotide exchange factor (GEF) 6 (ARF  
 gi|47078223|ref|NM\_212481.1| Homo sapiens AT rich interactive domain 5A (MRF1-like) (ARID5A), mRNA;

gi|47078234|ref|NM\_001495.4| Homo sapiens GDNF family receptor alpha 2 (GFRA2), transcript variant 1,  
gi|47078236|ref|NM\_004486.4| Homo sapiens golgin A2 (GOLGA2), mRNA;  
gi|47078239|ref|NM\_004127.4| Homo sapiens G protein pathway suppressor 1 (GPS1), transcript variant 2,  
gi|47078251|ref|NM\_021872.2| Homo sapiens cell division cycle 25 homolog B (S. pombe) (CDC25B), transcr  
gi|47078257|ref|NM\_212543.1| Homo sapiens UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polype  
gi|47078259|ref|NM\_004331.2| Homo sapiens BCL2/adenovirus E1B 19kDa interacting protein 3-like (BNIP  
gi|47078260|ref|NM\_003586.2| Homo sapiens double C2-like domains, alpha (DOC2A), mRNA;  
gi|47078262|ref|NM\_001935.3| Homo sapiens dipeptidyl-peptidase 4 (DPP4), mRNA;  
gi|47078273|ref|NM\_006829.2| Homo sapiens chromosome 10 open reading frame 116 (C10orf116), mRN  
gi|47078274|ref|NM\_024052.4| Homo sapiens chromosome 17 open reading frame 39 (C17orf39), mRNA;  
gi|47078275|ref|NM\_001277.2| Homo sapiens choline kinase alpha (CHKA), transcript variant 1, mRNA; gi|  
gi|47078279|ref|NM\_004979.4| Homo sapiens potassium voltage-gated channel, Shal-related subfamily, m  
gi|47078280|ref|NM\_014661.3| Homo sapiens family with sequence similarity 53, member B (FAM53B), ml  
gi|47078282|ref|NM\_005565.3| Homo sapiens lymphocyte cytosolic protein 2 (SH2 domain containing leuk  
gi|47078291|ref|NM\_000212.2| Homo sapiens integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61) (IT  
gi|47078293|ref|NM\_001100.3| Homo sapiens actin, alpha 1, skeletal muscle (ACTA1), mRNA;  
gi|47078294|ref|NM\_000022.2| Homo sapiens adenosine deaminase (ADA), mRNA;  
gi|47080098|ref|NM\_001882.3| Homo sapiens corticotropin releasing hormone binding protein (CRHBP), r  
gi|47080100|ref|NM\_058180.3| Homo sapiens chromosome 21 open reading frame 58 (C21orf58), mRNA;  
gi|47080102|ref|NM\_213568.1| Homo sapiens solute carrier family 39 (zinc transporter), member 3 (SLC39  
gi|47080105|ref|NM\_003150.3| Homo sapiens signal transducer and activator of transcription 3 (acute-p  
gi|47106051|ref|NM\_213607.1| Homo sapiens coiled-coil domain containing 103 (CCDC103), mRNA;  
gi|47106066|ref|NM\_213601.1| Homo sapiens transmembrane emp24 protein transport domain containin  
gi|47117697|ref|NM\_005343.2| Homo sapiens v-Ha-ras Harvey rat sarcoma viral oncogene homolog (HRAS  
gi|47132516|ref|NM\_203365.2| Homo sapiens Ras association (RalGDS/AF-6) and pleckstrin homology dom  
gi|47132522|ref|NM\_052811.2| Homo sapiens tripartite motif containing 13 (TRIM13), transcript variant 2,  
gi|47132531|ref|NM\_213618.1| Homo sapiens suppression of tumorigenicity 5 (ST5), transcript variant 3, n  
gi|47132536|ref|NM\_173454.1| Homo sapiens phosphodiesterase 8A (PDE8A), transcript variant 2, mRNA;  
gi|47132558|ref|NM\_002026.2| Homo sapiens fibronectin 1 (FN1), transcript variant 3, mRNA; gi|4713255  
gi|47132576|ref|NM\_017431.2| Homo sapiens protein kinase, AMP-activated, gamma 3 non-catalytic subu  
gi|47132579|ref|NM\_002734.3| Homo sapiens protein kinase, cAMP-dependent, regulatory, type I, alpha (t  
gi|47132584|ref|NM\_002736.2| Homo sapiens protein kinase, cAMP-dependent, regulatory, type II, beta (F  
gi|47132586|ref|NM\_145040.2| Homo sapiens protein kinase C, delta binding protein (PRKCDBP), mRNA;  
gi|47132588|ref|NM\_002741.3| Homo sapiens protein kinase N1 (PKN1), transcript variant 2, mRNA; gi|47  
gi|47132599|ref|NM\_213566.1| Homo sapiens DNA fragmentation factor, 45kDa, alpha polypeptide (DFFA)  
gi|47132604|ref|NM\_005510.3| Homo sapiens dom-3 homolog Z (C. elegans) (DOM3Z), mRNA;  
gi|47132609|ref|NM\_078487.2| Homo sapiens cyclin-dependent kinase inhibitor 2B (p15, inhibits CDK4) (CI  
gi|47132612|ref|NM\_178326.2| Homo sapiens ATG4 autophagy related 4 homolog B (S. cerevisiae) (ATG4B  
gi|47132616|ref|NM\_022845.2| Homo sapiens core-binding factor, beta subunit (CBFB), transcript variant 1  
gi|47132619|ref|NM\_000423.2| Homo sapiens keratin 2 (KRT2), mRNA;  
gi|47132621|ref|NM\_002451.3| Homo sapiens methylthioadenosine phosphorylase (MTAP), mRNA;  
gi|47132623|ref|NM\_145798.2| Homo sapiens oxysterol binding protein-like 7 (OSBPL7), transcript variant  
gi|47132626|ref|NM\_002739.3| Homo sapiens protein kinase C, gamma (PRKCG), mRNA;  
gi|47157319|ref|NM\_002737.2| Homo sapiens protein kinase C, alpha (PRKCA), mRNA;  
gi|47157324|ref|NM\_212539.1| Homo sapiens protein kinase C, delta (PRKCD), transcript variant 2, mRNA;  
gi|47157326|ref|NM\_005400.2| Homo sapiens protein kinase C, epsilon (PRKCE), mRNA;  
gi|47157329|ref|NM\_004157.2| Homo sapiens protein kinase, cAMP-dependent, regulatory, type II, alpha (

gi|47174756|ref|NR\_002144.1| Homo sapiens mitogen-activated protein kinase kinase 2 pseudogene (LOC47174756), mRNA;

gi|47174863|ref|NM\_020158.3| Homo sapiens exosome component 5 (EXOSC5), mRNA;

gi|47271452|ref|NM\_033397.2| Homo sapiens inositol 1,4,5-trisphosphate receptor interacting protein (ITF1), mRNA;

gi|47271456|ref|NM\_030613.2| Homo sapiens zinc finger protein 2 homolog (mouse) (ZFP2), mRNA;

gi|47419899|ref|NM\_213633.1| Homo sapiens pregnancy specific beta-1-glycoprotein 4 (PSG4), transcript variant 1, mRNA;

gi|47419901|ref|NM\_177559.2| Homo sapiens casein kinase 2, alpha 1 polypeptide (CSNK2A1), transcript variant 1, mRNA;

gi|47419904|ref|NM\_005996.3| Homo sapiens T-box 3 (TBX3), transcript variant 1, mRNA; gi|47419906|ref|NM\_005996.3| Homo sapiens T-box 3 (TBX3), transcript variant 2, mRNA;

gi|47419910|ref|NM\_015905.2| Homo sapiens tripartite motif containing 24 (TRIM24), transcript variant 1, mRNA;

gi|47419912|ref|NM\_005783.3| Homo sapiens thioredoxin domain containing 9 (TXNDC9), mRNA;

gi|47419917|ref|NM\_213645.1| Homo sapiens tryptophanyl-tRNA synthetase (WARS), transcript variant 3, mRNA;

gi|47419922|ref|NM\_133506.2| Homo sapiens decorin (DCN), transcript variant D, mRNA; gi|47419926|ref|NM\_133506.2| Homo sapiens decorin (DCN), transcript variant E, mRNA;

gi|47458046|ref|NM\_015396.3| Homo sapiens armadillo repeat containing 8 (ARMC8), transcript variant 2, mRNA;

gi|47458810|ref|NM\_213649.1| Homo sapiens sideroflexin 4 (SFXN4), mRNA;

gi|47458817|ref|NM\_202000.2| Homo sapiens acyl-CoA synthetase medium-chain family member 3 (ACSM3), mRNA;

gi|47458828|ref|NM\_004341.3| Homo sapiens carbamoyl-phosphate synthetase 2, aspartate transcarbamylase and carbamoyl-phosphate synthase 2, beta subunit (PCSK2), mRNA;

gi|47497975|ref|NM\_213720.1| Homo sapiens coiled-coil-helix-coiled-coil-helix domain containing 10 (CHC10), mRNA;

gi|47519383|ref|NM\_023004.5| Homo sapiens reticulon 4 receptor (RTN4R), mRNA;

gi|47519507|ref|NM\_153828.2| Homo sapiens reticulon 4 (RTN4), transcript variant 2, mRNA; gi|47519489|ref|NM\_153828.2| Homo sapiens reticulon 4 (RTN4), transcript variant 1, mRNA;

gi|47519615|ref|NM\_213674.1| Homo sapiens tropomyosin 2 (beta) (TPM2), transcript variant 2, mRNA; gi|47519615|ref|NM\_213674.1| Homo sapiens tropomyosin 2 (beta) (TPM2), transcript variant 1, mRNA;

gi|47519746|ref|NM\_002751.5| Homo sapiens mitogen-activated protein kinase 11 (MAPK11), mRNA;

gi|47519866|ref|NM\_130770.2| Homo sapiens 5-hydroxytryptamine (serotonin) receptor 3C, ionotropic (HTR3C), mRNA;

gi|47519876|ref|NM\_182537.2| Homo sapiens 5-hydroxytryptamine (serotonin) receptor 3D, ionotropic (HTR3D), mRNA;

gi|47519952|ref|NM\_012276.3| Homo sapiens leukocyte immunoglobulin-like receptor, subfamily A (with 1 extracellular domain) (LILRA1), mRNA;

gi|47524174|ref|NM\_213647.1| Homo sapiens fibroblast growth factor receptor 4 (FGFR4), transcript variant 1, mRNA;

gi|47524183|ref|NM\_013310.3| Homo sapiens chromosome 2 open reading frame 27A (C2orf27A), mRNA;

gi|47551355|ref|NM\_214461.1| Homo sapiens chromosome 2 open reading frame 27B (C2orf27B), mRNA;

gi|4757733|ref|NM\_004833.1| Homo sapiens absent in melanoma 2 (AIM2), mRNA;

gi|47578100|ref|NM\_206926.1| Homo sapiens selenoprotein N, 1 (SEPN1), transcript variant 2, mRNA; gi|47578100|ref|NM\_206926.1| Homo sapiens selenoprotein N, 1 (SEPN1), transcript variant 1, mRNA;

gi|47578112|ref|NM\_213632.1| Homo sapiens chromosome 20 open reading frame 132 (C20orf132), transcript variant 1, mRNA;

gi|47578114|ref|NM\_024870.2| Homo sapiens phosphatidylinositol-3,4,5-trisphosphate-dependent Rac exchange factor 1 (PDK1), mRNA;

gi|47578120|ref|NM\_177947.2| Homo sapiens armadillo repeat containing, X-linked 3 (ARMCX3), transcript variant 1, mRNA;

gi|4757901|ref|NM\_004344.1| Homo sapiens centrin, EF-hand protein, 2 (CETN2), mRNA;

gi|4757973|ref|NM\_004066.1| Homo sapiens centrin, EF-hand protein, 1 (CETN1), mRNA;

gi|4758087|ref|NM\_004861.1| Homo sapiens galactose-3-O-sulfotransferase 1 (GAL3ST1), mRNA;

gi|4758343|ref|NM\_004106.1| Homo sapiens Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide (FCGRI), mRNA;

gi|4758359|ref|NM\_004465.1| Homo sapiens fibroblast growth factor 10 (FGF10), mRNA;

gi|4758437|ref|NM\_004246.1| Homo sapiens glucagon-like peptide 2 receptor (GLP2R), mRNA;

gi|4758613|ref|NM\_004791.1| Homo sapiens integrin, beta-like 1 (with EGF-like repeat domains) (ITGBL1), mRNA;

gi|4758623|ref|NM\_004823.1| Homo sapiens potassium channel, subfamily K, member 6 (KCNK6), mRNA;

gi|4758753|ref|NM\_004851.1| Homo sapiens napsin A aspartic peptidase (NAPSA), mRNA;

gi|4758873|ref|NM\_004800.1| Homo sapiens transmembrane 9 superfamily member 2 (TM9SF2), mRNA;

gi|4759145|ref|NM\_004787.1| Homo sapiens slit homolog 2 (Drosophila) (SLIT2), mRNA;

gi|4759179|ref|NM\_004197.1| Homo sapiens serine/threonine kinase 19 (STK19), transcript variant 1, mRNA;

gi|4759335|ref|NM\_004629.1| Homo sapiens Fanconi anemia, complementation group G (FANCG), mRNA;

gi|47679098|ref|NM\_001001325.1| Homo sapiens serine peptidase inhibitor, Kazal type 14 (putative) (SPINK14), mRNA;

gi|47716686|ref|NM\_018651.2| Homo sapiens zinc finger protein 167 (ZNF167), transcript variant 1, mRNA;

gi|47717095|ref|NM\_005810.3| Homo sapiens killer cell lectin-like receptor subfamily G, member 1 (KLRG1), mRNA;

gi|47717099|ref|NM\_213619.1| Homo sapiens ATPase, H<sup>+</sup> transporting, lysosomal 50/57kDa, V1 subunit H

gi|47717105|ref|NM\_004799.2| Homo sapiens zinc finger, FYVE domain containing 9 (ZFYE9), transcript va

gi|47717107|ref|NM\_173517.3| Homo sapiens vitamin K epoxide reductase complex, subunit 1-like 1 (VKO

gi|47717114|ref|NM\_006116.2| Homo sapiens TGF-beta activated kinase 1/MAP3K7 binding protein 1 (TAE

gi|47717122|ref|NM\_003024.2| Homo sapiens intersectin 1 (SH3 domain protein) (ITSN1), transcript varian

gi|47717133|ref|NM\_003993.2| Homo sapiens CDC-like kinase 2 (CLK2), mRNA;

gi|47717135|ref|NM\_020666.2| Homo sapiens CDC-like kinase 4 (CLK4), mRNA;

gi|47717140|ref|NM\_006255.3| Homo sapiens protein kinase C, eta (PRKCH), mRNA;

gi|47777678|ref|NM\_205835.2| Homo sapiens lipolysis stimulated lipoprotein receptor (LSR), transcript var

gi|47778924|ref|NM\_005903.5| Homo sapiens SMAD family member 5 (SMAD5), transcript variant 1, mRN

gi|47778939|ref|NM\_173535.2| Homo sapiens C-type lectin domain family 4, member F (CLEC4F), mRNA;

gi|47825360|ref|NM\_001001414.1| Homo sapiens non-specific cytotoxic cell receptor protein 1 homolog (z

gi|47834345|ref|NM\_012257.3| Homo sapiens HMG-box transcription factor 1 (HBP1), transcript variant 2,

gi|47834347|ref|NM\_012292.2| Homo sapiens histocompatibility (minor) HA-1 (HMHA1), mRNA;

gi|47894110|ref|NM\_032246.3| Homo sapiens mex-3 homolog B (C. elegans) (MEX3B), mRNA;

gi|47933342|ref|NM\_030664.3| Homo sapiens phosphotriesterase related (PTER), transcript variant 2, mRN

gi|47933380|ref|NM\_001001481.1| Homo sapiens ubiquitin-conjugating enzyme E2W (putative) (UBE2W),

gi|47933388|ref|NM\_001001290.1| Homo sapiens solute carrier family 2 (facilitated glucose transporter), r

gi|47933390|ref|NM\_006233.4| Homo sapiens polymerase (RNA) II (DNA directed) polypeptide I, 14.5kDa (

gi|4809282|ref|NM\_002108.2| Homo sapiens histidine ammonia-lyase (HAL), mRNA;

gi|48093064|ref|NM\_022486.3| Homo sapiens sushi domain containing 1 (SUSD1), mRNA;

gi|48255876|ref|NM\_000364.2| Homo sapiens troponin T type 2 (cardiac) (TNNT2), transcript variant 1, mR

gi|48255886|ref|NM\_005813.3| Homo sapiens protein kinase D3 (PRKD3), mRNA;

gi|48255890|ref|NM\_001001329.1| Homo sapiens protein kinase C substrate 80K-H (PRKCSH), transcript va

gi|48255897|ref|NM\_139045.2| Homo sapiens SWI/SNF related, matrix associated, actin dependent regula

gi|48255901|ref|NM\_003085.3| Homo sapiens synuclein, beta (SNCB), transcript variant 2, mRNA; gi|48255

gi|48255906|ref|NM\_001001522.1| Homo sapiens transgelin (TAGLN), transcript variant 1, mRNA; gi|48255

gi|48255908|ref|NM\_004609.3| Homo sapiens transcription factor 15 (basic helix-loop-helix) (TCF15), mRN

gi|48255911|ref|NM\_012338.3| Homo sapiens tetraspanin 12 (TSPAN12), mRNA;

gi|48255912|ref|NM\_006470.3| Homo sapiens tripartite motif containing 16 (TRIM16), mRNA;

gi|48255917|ref|NM\_001001523.1| Homo sapiens RAR-related orphan receptor C (RORC), transcript varian

gi|48255919|ref|NM\_000983.3| Homo sapiens ribosomal protein L22 (RPL22), mRNA;

gi|48255921|ref|NM\_001022.3| Homo sapiens ribosomal protein S19 (RPS19), mRNA;

gi|48255925|ref|NM\_001001503.1| Homo sapiens NADH dehydrogenase (ubiquinone) flavoprotein 3, 10kD

gi|48255932|ref|NM\_004965.6| Homo sapiens high mobility group nucleosome binding domain 1 (HMGN1)

gi|48255934|ref|NM\_000610.3| Homo sapiens CD44 molecule (Indian blood group) (CD44), transcript varia

gi|48255944|ref|NM\_001682.2| Homo sapiens ATPase, Ca<sup>++</sup> transporting, plasma membrane 1 (ATP2B1), t

gi|48255961|ref|NM\_152460.2| Homo sapiens chromosome 17 open reading frame 77 (C17orf77), mRNA;

gi|48255967|ref|NM\_001001521.1| Homo sapiens UDP-glucose pyrophosphorylase 2 (UGP2), transcript vai

gi|48255969|ref|NM\_002969.3| Homo sapiens mitogen-activated protein kinase 12 (MAPK12), mRNA;

gi|4826664|ref|NM\_005125.1| Homo sapiens copper chaperone for superoxide dismutase (CCS), mRNA;

gi|4826689|ref|NM\_004941.1| Homo sapiens DEAH (Asp-Glu-Ala-His) box polypeptide 8 (DHX8), mRNA;

gi|4826901|ref|NM\_005024.1| Homo sapiens serpin peptidase inhibitor, clade B (ovalbumin), member 10 (:

gi|4826959|ref|NM\_005051.1| Homo sapiens glutamyl-tRNA synthetase (QARS), mRNA;

gi|4827011|ref|NM\_005071.1| Homo sapiens solute carrier family 1 (high affinity aspartate/glutamate tran

gi|48374438|ref|NM\_014840.2| Homo sapiens NUA family, SNF1-like kinase, 1 (NUAK1), mRNA;

gi|48375166|ref|NM\_207577.1| Homo sapiens microtubule-associated protein 6 (MAP6), transcript variant

gi|48375181|ref|NM\_012121.4| Homo sapiens CDC42 effector protein (Rho GTPase binding) 4 (CDC42EP4), mRNA;

gi|48375182|ref|NM\_001288.4| Homo sapiens chloride intracellular channel 1 (CLIC1), mRNA;

gi|48375183|ref|NM\_001551.2| Homo sapiens immunoglobulin (CD79A) binding protein 1 (IGBP1), mRNA;

gi|48476341|ref|NM\_024103.2| Homo sapiens solute carrier family 25 (mitochondrial carrier; phosphate carrier)

gi|48476343|ref|NM\_014747.2| Homo sapiens regulating synaptic membrane exocytosis 3 (RIMS3), mRNA;

gi|48526508|ref|NM\_001001563.1| Homo sapiens translocase of inner mitochondrial membrane 50 homolog

gi|48527955|ref|NM\_002044.2| Homo sapiens galactokinase 2 (GALK2), transcript variant 1, mRNA; gi|48527956|ref|NM\_002044.2| Homo sapiens galactokinase 2 (GALK2), transcript variant 2, mRNA;

gi|48597027|ref|NR\_002145.1| Homo sapiens olfactory receptor, family 2, subfamily L, member 1 pseudogene

gi|48675810|ref|NM\_004907.2| Homo sapiens immediate early response 2 (IER2), mRNA;

gi|48675831|ref|NM\_207418.2| Homo sapiens family with sequence similarity 72, member D (FAM72D), mRNA;

gi|48717230|ref|NM\_001001656.1| Homo sapiens olfactory receptor, family 9, subfamily A, member 4 (OR9A4), mRNA;

gi|48717233|ref|NM\_001001658.1| Homo sapiens olfactory receptor, family 9, subfamily A, member 2 (OR9A2), mRNA;

gi|48717235|ref|NM\_001001659.1| Homo sapiens olfactory receptor, family 2, subfamily A, member 14 (OR2A14), mRNA;

gi|48717243|ref|NM\_001001662.1| Homo sapiens zinc finger protein 782 (ZNF782), mRNA;

gi|48717248|ref|NM\_001001663.1| Homo sapiens transmembrane protein 211 (TMEM211), mRNA;

gi|48717322|ref|NM\_001001667.1| Homo sapiens olfactory receptor, family 6, subfamily V, member 1 (OR6V1), mRNA;

gi|48717425|ref|NM\_001001710.1| Homo sapiens family with sequence similarity 166, member A (FAM166A), mRNA;

gi|48717446|ref|NM\_001001676.1| Homo sapiens lipocalin 9 (LCN9), mRNA;

gi|48717493|ref|NM\_181684.2| Homo sapiens keratin associated protein 12-2 (KRTAP12-2), mRNA;

gi|48717494|ref|NM\_019015.1| Homo sapiens chondroitin polymerizing factor 2 (CHPF2), mRNA;

gi|48762675|ref|NM\_001001410.2| Homo sapiens chromosome 16 open reading frame 42 (C16orf42), mRNA;

gi|48762699|ref|NM\_173537.2| Homo sapiens GTF2I repeat domain containing 2 (GTF2IRD2), mRNA;

gi|48762711|ref|NM\_001001713.1| Homo sapiens SH3 domain binding glutamic acid-rich protein (SH3BGR1), mRNA;

gi|48762739|ref|NM\_001001578.1| Homo sapiens phosphodiesterase 9A (PDE9A), transcript variant 13, mRNA;

gi|48762917|ref|NM\_006198.2| Homo sapiens Purkinje cell protein 4 (PCP4), mRNA;

gi|48762925|ref|NM\_005049.2| Homo sapiens PWP2 periodic tryptophan protein homolog (yeast) (PWP2), mRNA;

gi|48762927|ref|NM\_002881.2| Homo sapiens v-ras simian leukemia viral oncogene homolog B (ras related)

gi|48762930|ref|NM\_005508.4| Homo sapiens chemokine (C-C motif) receptor 4 (CCR4), mRNA;

gi|48762931|ref|NM\_006585.2| Homo sapiens chaperonin containing TCP1, subunit 8 (theta) (CCT8), mRNA;

gi|48762933|ref|NM\_000089.3| Homo sapiens collagen, type I, alpha 2 (COL1A2), mRNA;

gi|48762938|ref|NM\_000041.2| Homo sapiens apolipoprotein E (APOE), mRNA;

gi|48762939|ref|NM\_004422.2| Homo sapiens dishevelled, dsh homolog 2 (Drosophila) (DVL2), mRNA;

gi|48762940|ref|NM\_013280.4| Homo sapiens fibronectin leucine rich transmembrane protein 1 (FLRT1), mRNA;

gi|48762941|ref|NM\_003959.1| Homo sapiens huntingtin interacting protein 1 related (HIP1R), mRNA;

gi|48762943|ref|NM\_175857.3| Homo sapiens keratin associated protein 8-1 (KRTAP8-1), mRNA;

gi|48762944|ref|NM\_030891.3| Homo sapiens leucine rich repeat containing 3 (LRRC3), mRNA;

gi|48762945|ref|NM\_000454.4| Homo sapiens superoxide dismutase 1, soluble (SOD1), mRNA;

gi|4885074|ref|NM\_005172.1| Homo sapiens atonal homolog 1 (Drosophila) (ATOH1), mRNA;

gi|4885126|ref|NM\_005193.1| Homo sapiens caudal type homeobox 4 (CDX4), mRNA;

gi|4885298|ref|NM\_005290.1| Homo sapiens G protein-coupled receptor 15 (GPR15), mRNA;

gi|4885306|ref|NM\_005294.1| Homo sapiens G protein-coupled receptor 21 (GPR21), mRNA;

gi|4885362|ref|NM\_005315.1| Homo sapiens goosecoid homeobox 2 (GSC2), mRNA;

gi|4885488|ref|NM\_005372.1| Homo sapiens v-mos Moloney murine sarcoma viral oncogene homolog (MOS)

gi|4885578|ref|NM\_005444.1| Homo sapiens RCD1 required for cell differentiation1 homolog (S. pombe) (RCD1)

gi|4885656|ref|NM\_005431.1| Homo sapiens X-ray repair complementing defective repair in Chinese hamster

gi|48928018|ref|NM\_153029.3| Homo sapiens NEDD4 binding protein 1 (N4BP1), mRNA;

gi|48928023|ref|NM\_003225.2| Homo sapiens trefoil factor 1 (TFF1), mRNA;

gi|48928041|ref|NM\_012175.3| Homo sapiens F-box protein 3 (FBXO3), transcript variant 1, mRNA; gi|48928043|ref|NM\_012180.2| Homo sapiens F-box protein 8 (FBXO8), mRNA;

gi|48928049|ref|NM\_012300.2| Homo sapiens F-box and WD repeat domain containing 11 (FBXW11), transcript variant 1, mRNA;

gi|48928051|ref|NM\_002518.3| Homo sapiens neuronal PAS domain protein 2 (NPAS2), mRNA;

gi|48928055|ref|NM\_006948.4| Homo sapiens heat shock protein 70kDa family, member 13 (HSPA13), mRNA;

gi|48928057|ref|NM\_006936.2| Homo sapiens SMT3 suppressor of mif two 3 homolog 3 (S. cerevisiae) (SUMO3), mRNA;

gi|48949791|ref|NM\_001001435.2| Homo sapiens chemokine (C-C motif) ligand 4-like 1 (CCL4L1), mRNA;

gi|48949814|ref|NM\_021006.4| Homo sapiens chemokine (C-C motif) ligand 3-like 1 (CCL3L1), mRNA;

gi|48949836|ref|NM\_207007.2| Homo sapiens chemokine (C-C motif) ligand 4-like 2 (CCL4L2), mRNA;

gi|48949850|ref|NM\_014590.3| Homo sapiens endogenous retrovirus group W, member 1 (ERVW-1), transcript variant 1, mRNA;

gi|48976048|ref|NM\_005027.2| Homo sapiens phosphoinositide-3-kinase, regulatory subunit 2 (beta) (PIK3R2), mRNA;

gi|48976049|ref|NM\_019059.2| Homo sapiens translocase of outer mitochondrial membrane 7 homolog (yeast) (LOC101928), mRNA;

gi|49087131|ref|NM\_005407.1| Homo sapiens sal-like 2 (Drosophila) (SALL2), mRNA;

gi|49087144|ref|NM\_001002.3| Homo sapiens ribosomal protein, large, P0 (RPLP0), transcript variant 1, mRNA;

gi|49169840|ref|NM\_001001795.1| Homo sapiens chromosome 8 open reading frame 82 (C8orf82), mRNA;

gi|49170033|ref|NM\_003638.1| Homo sapiens integrin, alpha 8 (ITGA8), mRNA;

gi|49226829|ref|NM\_001001827.1| Homo sapiens olfactory receptor, family 2, subfamily T, member 35 (OR52D3), mRNA;

gi|49227711|ref|NR\_002157.1| Homo sapiens olfactory receptor, family 2, subfamily A, member 9 pseudogene (OR52D3), mRNA;

gi|49227740|ref|NM\_001001821.1| Homo sapiens olfactory receptor, family 2, subfamily T, member 34 (OR52D3), mRNA;

gi|49227780|ref|NR\_002158.1| Homo sapiens olfactory receptor, family 2, subfamily A, member 20 pseudogene (OR52D3), mRNA;

gi|49227790|ref|NM\_001001824.1| Homo sapiens olfactory receptor, family 2, subfamily T, member 27 (OR52D3), mRNA;

gi|49227853|ref|NM\_032286.2| Homo sapiens mediator complex subunit 10 (MED10), mRNA;

gi|49355720|ref|NM\_014367.3| Homo sapiens family with sequence similarity 162, member A (FAM162A), mRNA;

gi|49355756|ref|NM\_032740.3| Homo sapiens SFT2 domain containing 3 (SFT2D3), mRNA;

gi|49355764|ref|NM\_032281.2| Homo sapiens ELAV (embryonic lethal, abnormal vision, Drosophila)-like 3 (ELAVL3), mRNA;

gi|49355780|ref|NM\_032859.2| Homo sapiens abhydrolase domain containing 13 (ABHD13), mRNA;

gi|49355783|ref|NM\_015076.3| Homo sapiens cyclin-dependent kinase 19 (CDK19), mRNA;

gi|49355786|ref|NM\_001001722.1| Homo sapiens chromodomain protein, Y-linked, 2B (CDY2B), mRNA;

gi|49355806|ref|NM\_032287.2| Homo sapiens leucine zipper, down-regulated in cancer 1-like (LDOC1L), mRNA;

gi|49355825|ref|NM\_004679.2| Homo sapiens variable charge, Y-linked (VCY), mRNA;

gi|49355827|ref|NM\_181880.1| Homo sapiens variable charge, Y-linked 1B (VCY1B), mRNA;

gi|49410494|ref|NM\_033512.2| Homo sapiens TSPY-like 5 (TSPYL5), mRNA;

gi|49472811|ref|NM\_138417.2| Homo sapiens KTI12 homolog, chromatin associated (S. cerevisiae) (KTI12), mRNA;

gi|49472820|ref|NM\_001539.2| Homo sapiens DnaJ (Hsp40) homolog, subfamily A, member 1 (DNAJA1), mRNA;

gi|49472823|ref|NM\_005507.2| Homo sapiens cofilin 1 (non-muscle) (CFL1), mRNA;

gi|49472825|ref|NM\_020307.2| Homo sapiens cyclin L1 (CCNL1), mRNA;

gi|49472826|ref|NM\_006324.2| Homo sapiens craniofacial development protein 1 (CFDP1), mRNA;

gi|49472829|ref|NM\_138333.3| Homo sapiens family with sequence similarity 122A (FAM122A), mRNA;

gi|49472832|ref|NM\_018659.2| Homo sapiens cytokine-like 1 (CYTL1), mRNA;

gi|49472833|ref|NM\_005872.2| Homo sapiens breast carcinoma amplified sequence 2 (BCAS2), mRNA;

gi|49472834|ref|NM\_016293.2| Homo sapiens bridging integrator 2 (BIN2), mRNA;

gi|49472836|ref|NM\_030971.3| Homo sapiens sideroflexin 3 (SFXN3), mRNA;

gi|49472838|ref|NM\_018184.2| Homo sapiens ADP-ribosylation factor-like 8B (ARL8B), mRNA;

gi|49472840|ref|NM\_014371.2| Homo sapiens A kinase (PRKA) anchor protein 8-like (AKAP8L), mRNA;

gi|49487493|ref|NR\_002159.1| Homo sapiens testis-specific transcript, Y-linked 9B (non-protein coding) (TSPY9B), mRNA;

gi|49574487|ref|NM\_001677.3| Homo sapiens ATPase, Na<sup>+</sup>/K<sup>+</sup> transporting, beta 1 polypeptide (ATP1B1), mRNA;

gi|49574490|ref|NM\_001678.3| Homo sapiens ATPase, Na<sup>+</sup>/K<sup>+</sup> transporting, beta 2 polypeptide (ATP1B2), mRNA;

gi|49574492|ref|NM\_001679.2| Homo sapiens ATPase, Na<sup>+</sup>/K<sup>+</sup> transporting, beta 3 polypeptide (ATP1B3),  
gi|49574496|ref|NM\_138434.2| Homo sapiens chromosome 7 open reading frame 29 (C7orf29), mRNA;  
gi|49574501|ref|NM\_016243.2| Homo sapiens cytochrome b5 reductase 1 (CYB5R1), mRNA;  
gi|49574503|ref|NM\_005601.3| Homo sapiens natural killer cell group 7 sequence (NKG7), mRNA;  
gi|49574511|ref|NM\_031948.3| Homo sapiens protease, serine 27 (PRSS27), mRNA;  
gi|49574517|ref|NM\_003695.2| Homo sapiens lymphocyte antigen 6 complex, locus D (LY6D), mRNA;  
gi|49574519|ref|NM\_052972.2| Homo sapiens leucine-rich alpha-2-glycoprotein 1 (LRG1), mRNA;  
gi|49574521|ref|NM\_004664.2| Homo sapiens lin-7 homolog A (C. elegans) (LIN7A), mRNA;  
gi|49574522|ref|NM\_014315.2| Homo sapiens kelch domain containing 2 (KLHDC2), mRNA;  
gi|49574523|ref|NM\_016270.2| Homo sapiens Kruppel-like factor 2 (lung) (KLF2), mRNA;  
gi|49574524|ref|NM\_002178.2| Homo sapiens insulin-like growth factor binding protein 6 (IGFBP6), mRNA;  
gi|49574527|ref|NM\_032593.2| Homo sapiens histidine triad nucleotide binding protein 2 (HINT2), nuclear  
gi|49574528|ref|NM\_018428.2| Homo sapiens UTP6, small subunit (SSU) processome component, homolo  
gi|49574530|ref|NM\_005666.2| Homo sapiens complement factor H-related 2 (CFHR2), mRNA;  
gi|49574531|ref|NM\_019884.2| Homo sapiens glycogen synthase kinase 3 alpha (GSK3A), mRNA;  
gi|49574539|ref|NM\_005875.2| Homo sapiens eukaryotic translation initiation factor 1B (EIF1B), mRNA;  
gi|49574542|ref|NM\_178523.3| Homo sapiens zinc finger protein 616 (ZNF616), mRNA;  
gi|49619230|ref|NM\_018964.3| Homo sapiens solute carrier family 37 (glycerol-3-phosphate transporter),  
gi|49619232|ref|NM\_080860.2| Homo sapiens radial spoke head 1 homolog (Chlamydomonas) (RSPH1), m  
gi|49619235|ref|NM\_145662.2| Homo sapiens SPANX family, member A2 (SPANXA2), mRNA;  
gi|49619236|ref|NM\_006952.3| Homo sapiens uroplakin 1B (UPK1B), mRNA;  
gi|49619238|ref|NM\_016378.2| Homo sapiens variable charge, X-linked 2 (VCX2), mRNA;  
gi|49640008|ref|NM\_003316.3| Homo sapiens tetratricopeptide repeat domain 3 (TTC3), transcript variant  
gi|50051734|ref|NM\_173351.1| Homo sapiens olfactory receptor, family 6, subfamily B, member 3 (OR6B3  
gi|50052933|ref|NM\_012364.1| Homo sapiens olfactory receptor, family 1, subfamily Q, member 1 (OR1Q1  
gi|50052942|ref|NM\_012217.2| Homo sapiens tryptase delta 1 (TPSD1), mRNA;  
gi|50053005|ref|NM\_003700.1| Homo sapiens olfactory receptor, family 2, subfamily D, member 2 (OR2D2  
gi|50053871|ref|NM\_198486.2| Homo sapiens ribosomal protein L7-like 1 (RPL7L1), mRNA;  
gi|50053931|ref|NM\_198401.2| Homo sapiens ankyrin repeat domain 46 (ANKRD46), mRNA;  
gi|50054441|ref|NM\_001001912.1| Homo sapiens olfactory receptor, family 4, subfamily E, member 2 (OR  
gi|50054448|ref|NM\_001001914.1| Homo sapiens olfactory receptor, family 2, subfamily G, member 3 (OR  
gi|50054462|ref|NM\_001001913.1| Homo sapiens olfactory receptor, family 52, subfamily N, member 1 (O  
gi|50054469|ref|NM\_001001918.1| Homo sapiens olfactory receptor, family 14, subfamily C, member 36 (C  
gi|50054472|ref|NM\_001001915.1| Homo sapiens olfactory receptor, family 2, subfamily G, member 2 (OR  
gi|50054476|ref|NM\_001001921.1| Homo sapiens olfactory receptor, family 5, subfamily AS, member 1 (O  
gi|50080192|ref|NM\_001001953.1| Homo sapiens olfactory receptor, family 10, subfamily G, member 9 (O  
gi|50080194|ref|NM\_001001954.1| Homo sapiens olfactory receptor, family 5, subfamily A, member 2 (OR  
gi|50080196|ref|NM\_001001956.1| Homo sapiens olfactory receptor, family 13, subfamily C, member 9 (O  
gi|50080200|ref|NM\_001001958.1| Homo sapiens olfactory receptor, family 7, subfamily G, member 3 (OR  
gi|50080202|ref|NM\_001001959.1| Homo sapiens olfactory receptor, family 11, subfamily L, member 1 (O  
gi|50080212|ref|NM\_054104.1| Homo sapiens olfactory receptor, family 6, subfamily C, member 3 (OR6C3  
gi|50080218|ref|NM\_054105.1| Homo sapiens olfactory receptor, family 6, subfamily C, member 2 (OR6C2  
gi|50083276|ref|NM\_024837.2| Homo sapiens ATPase, class I, type 8B, member 4 (ATP8B4), mRNA;  
gi|50083282|ref|NR\_002160.1| Homo sapiens long intergenic non-protein coding RNA 230B (LINC00230B),  
gi|50083283|ref|NR\_002161.1| Homo sapiens long intergenic non-protein coding RNA 230A (LINC00230A),  
gi|50083286|ref|NM\_001001933.1| Homo sapiens LIM homeobox 8 (LHX8), transcript variant 1, mRNA; gi|  
gi|50083292|ref|NM\_032816.3| Homo sapiens centrosomal protein 89kDa (CEP89), mRNA;



gi|50086623|ref|NM\_033547.3| Homo sapiens integrator complex subunit 4 (INTS4), mRNA;

gi|50086629|ref|NM\_000281.2| Homo sapiens pterin-4 alpha-carbinolamine dehydratase/dimerization cofactor 1 (PTD), mRNA;

gi|50233786|ref|NM\_175741.1| Homo sapiens chromosome 15 open reading frame 55 (C15orf55), mRNA;

gi|50233845|ref|NM\_001001961.1| Homo sapiens olfactory receptor, family 13, subfamily C, member 3 (OR13C3), mRNA;

gi|50233847|ref|NM\_001001965.1| Homo sapiens olfactory receptor, family 4, subfamily D, member 5 (OR4D5), mRNA;

gi|50233849|ref|NM\_001001968.1| Homo sapiens olfactory receptor, family 6, subfamily S, member 1 (OR6S1), mRNA;

gi|50233853|ref|NM\_001001966.1| Homo sapiens olfactory receptor, family 14, subfamily A, member 16 (OR14A16), mRNA;

gi|50233855|ref|NM\_001001960.1| Homo sapiens olfactory receptor, family 5, subfamily W, member 2 (OR5W2), mRNA;

gi|50233857|ref|NM\_001001964.1| Homo sapiens olfactory receptor, family 2, subfamily T, member 11 (OR2T11), mRNA;

gi|50233861|ref|NM\_001001967.1| Homo sapiens olfactory receptor, family 5, subfamily D, member 13 (OR5D13), mRNA;

gi|50233863|ref|NM\_001001963.1| Homo sapiens olfactory receptor, family 2, subfamily L, member 8 (OR2L8), mRNA;

gi|50263052|ref|NM\_001001994.1| Homo sapiens glycoprotein M6B (GPM6B), transcript variant 4, mRNA;

gi|50263054|ref|NM\_178483.2| Homo sapiens chromosome 20 open reading frame 79 (C20orf79), mRNA;

gi|50301233|ref|NM\_172002.3| Homo sapiens HscB iron-sulfur cluster co-chaperone homolog (E. coli) (HSCB), mRNA;

gi|50301239|ref|NM\_001001998.1| Homo sapiens exosome component 10 (EXOSC10), transcript variant 1, mRNA;

gi|50312663|ref|NM\_001001992.1| Homo sapiens ubiquitin specific peptidase 16 (USP16), transcript variant 1, mRNA;

gi|50312665|ref|NM\_013396.3| Homo sapiens ubiquitin specific peptidase 25 (USP25), mRNA;

gi|5031560|ref|NM\_005814.1| Homo sapiens glycoprotein A33 (transmembrane) (GPA33), mRNA;

gi|5031644|ref|NM\_005694.1| Homo sapiens COX17 cytochrome c oxidase assembly homolog (S. cerevisiae) (COX17), mRNA;

gi|5031912|ref|NM\_005511.1| Homo sapiens melan-A (MLANA), mRNA;

gi|5031984|ref|NM\_005796.1| Homo sapiens nuclear transport factor 2 (NUTF2), mRNA;

gi|5032056|ref|NM\_005620.1| Homo sapiens S100 calcium binding protein A11 (S100A11), mRNA;

gi|5032058|ref|NM\_005621.1| Homo sapiens S100 calcium binding protein A12 (S100A12), mRNA;

gi|5032212|ref|NM\_005827.1| Homo sapiens solute carrier family 35, member B1 (SLC35B1), mRNA;

gi|50344742|ref|NR\_002162.1| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial F1 complex, epsilon subunit (ATP5F1E), mRNA;

gi|50344743|ref|NM\_001002035.1| Homo sapiens defensin, beta 108B (DEFB108B), mRNA;

gi|50345293|ref|NM\_001002032.1| Homo sapiens hematological and neurological expressed 1 (HN1), transcript variant 1, mRNA;

gi|50345832|ref|NM\_144587.2| Homo sapiens BTB (POZ) domain containing 16 (BTBD16), mRNA;

gi|50345869|ref|NM\_014957.2| Homo sapiens DENN/MADD domain containing 3 (DENND3), mRNA;

gi|50345871|ref|NM\_032756.2| Homo sapiens 4-hydroxyphenylpyruvate dioxygenase-like (HPDL), mRNA;

gi|50345874|ref|NM\_007041.2| Homo sapiens arginyltransferase 1 (ATE1), transcript variant 2, mRNA;

gi|50345985|ref|NM\_001686.3| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial F1 complex, beta subunit (ATP5B), mRNA;

gi|50345986|ref|NM\_005174.2| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial F1 complex, gamma subunit (ATP5G1), mRNA;

gi|50345989|ref|NM\_001687.4| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial F1 complex, delta subunit (ATP5D), mRNA;

gi|50345994|ref|NM\_003972.2| Homo sapiens BTA1 RNA polymerase II, B-TFIID transcription factor-associated (BTA1), mRNA;

gi|50355977|ref|NM\_021025.2| Homo sapiens T-cell leukemia homeobox 3 (TLX3), mRNA;

gi|50355986|ref|NM\_152326.2| Homo sapiens ankyrin repeat domain 9 (ANKRD9), mRNA;

gi|50363225|ref|NM\_052863.2| Homo sapiens secretoglobin, family 3A, member 1 (SCGB3A1), mRNA;

gi|50363367|ref|NM\_006951.3| Homo sapiens TAF5 RNA polymerase II, TATA box binding protein (TBP)-associated factor 5 (TAF5), mRNA;

gi|50363368|ref|NM\_004677.2| Homo sapiens XK, Kell blood group complex subunit-related, Y-linked (XKR1), mRNA;

gi|50400080|ref|NM\_001002255.1| Homo sapiens SMT3 suppressor of mif two 3 homolog 4 (S. cerevisiae) (SMT3), mRNA;

gi|50409755|ref|NM\_018694.2| Homo sapiens ADP-ribosylation-like factor 6 interacting protein 4 (ARL6IP4), mRNA;

gi|50409832|ref|NM\_016476.10| Homo sapiens anaphase promoting complex subunit 11 (ANAPC11), transcript variant 1, mRNA;

gi|50409862|ref|NM\_017584.5| Homo sapiens myo-inositol oxygenase (MIOX), mRNA;

gi|50428916|ref|NM\_001002264.1| Homo sapiens epithelial stromal interaction 1 (breast) (EPSTI1), transcript variant 1, mRNA;

gi|50428922|ref|NM\_022457.5| Homo sapiens ring finger and WD repeat domain 2, E3 ubiquitin protein ligase 1 (RWD2), mRNA;

gi|50428924|ref|NM\_001281.2| Homo sapiens tubulin folding cofactor B (TBCB), mRNA;

gi|50428934|ref|NM\_018174.4| Homo sapiens microtubule-associated protein 1S (MAP1S), mRNA;

gi|50428937|ref|NM\_004317.2| Homo sapiens arsA arsenite transporter, ATP-binding, homolog 1 (bacteria

gi|50511937|ref|NM\_032036.2| Homo sapiens interferon, alpha-inducible protein 27-like 2 (IFI27L2), mRNA;

gi|50511938|ref|NM\_001002269.1| Homo sapiens exosome component 3 (EXOSC3), transcript variant 2, m

gi|50511940|ref|NM\_133455.2| Homo sapiens EMI domain containing 1 (EMID1), mRNA;

gi|50513244|ref|NM\_005483.2| Homo sapiens chromatin assembly factor 1, subunit A (p150) (CHAF1A), m

gi|50539409|ref|NM\_145021.4| Homo sapiens membrane-associated ring finger (C3HC4) 8, E3 ubiquitin pr

gi|50541944|ref|NM\_021175.2| Homo sapiens hepcidin antimicrobial peptide (HAMP), mRNA;

gi|50541949|ref|NM\_016099.2| Homo sapiens golgin A7 (GOLGA7), transcript variant 1, mRNA; gi|5054194

gi|50541951|ref|NM\_001002000.1| Homo sapiens guanosine monophosphate reductase 2 (GMPR2), trans

gi|50541958|ref|NM\_001002295.1| Homo sapiens GATA binding protein 3 (GATA3), transcript variant 1, m

gi|50541969|ref|NM\_207661.2| Homo sapiens zinc finger CCCH-type containing 14 (ZC3H14), transcript var

gi|50557650|ref|NM\_173195.2| Homo sapiens Kv channel interacting protein 2 (KCIP2), transcript variant

gi|50592985|ref|NM\_016535.3| Homo sapiens zinc finger protein 581 (ZNF581), mRNA;

gi|50592987|ref|NM\_003366.2| Homo sapiens ubiquinol-cytochrome c reductase core protein II (UQCRC2),

gi|50592989|ref|NM\_004275.3| Homo sapiens mediator complex subunit 20 (MED20), mRNA;

gi|50592990|ref|NM\_005499.2| Homo sapiens ubiquitin-like modifier activating enzyme 2 (UBA2), mRNA;

gi|50592991|ref|NM\_006545.4| Homo sapiens nitrogen permease regulator-like 2 (S. cerevisiae) (NPRL2), r

gi|50593001|ref|NM\_003090.2| Homo sapiens small nuclear ribonucleoprotein polypeptide A' (SNRPA1), m

gi|50593003|ref|NM\_079834.2| Homo sapiens secretory carrier membrane protein 4 (SCAMP4), mRNA;

gi|50593005|ref|NM\_001664.2| Homo sapiens ras homolog family member A (RHOA), mRNA;

gi|50593007|ref|NM\_022152.4| Homo sapiens transmembrane BAX inhibitor motif containing 1 (TMBIM1),

gi|50593011|ref|NM\_020190.2| Homo sapiens olfactomedin-like 3 (OLFML3), mRNA;

gi|50593012|ref|NM\_014581.2| Homo sapiens odorant binding protein 2B (OBP2B), mRNA;

gi|50593013|ref|NM\_020345.3| Homo sapiens NFkB inhibitor interacting Ras-like 1 (NKIRAS1), mRNA;

gi|50593014|ref|NM\_021223.2| Homo sapiens myosin, light chain 7, regulatory (MYL7), mRNA;

gi|50593015|ref|NM\_018697.3| Homo sapiens LanC lantibiotic synthetase component C-like 2 (bacterial) (L

gi|50593016|ref|NM\_002176.2| Homo sapiens interferon, beta 1, fibroblast (IFNB1), mRNA;

gi|50593017|ref|NM\_016371.2| Homo sapiens hydroxysteroid (17-beta) dehydrogenase 7 (HSD17B7), mRN

gi|50593111|ref|NM\_015901.4| Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 1

gi|50593525|ref|NM\_001002759.1| Homo sapiens SWI5-dependent recombination repair 1 (SFR1), transcri

gi|50593529|ref|NM\_080617.4| Homo sapiens cerebellin 4 precursor (CBLN4), mRNA;

gi|50593530|ref|NM\_014000.2| Homo sapiens vinculin (VCL), transcript variant 1, mRNA; gi|50593538|ref|

gi|50593534|ref|NM\_003945.3| Homo sapiens ATPase, H<sup>+</sup> transporting, lysosomal 9kDa, V0 subunit e1 (AT

gi|50658062|ref|NM\_001002800.1| Homo sapiens structural maintenance of chromosomes 4 (SMC4), tran

gi|50658080|ref|NM\_022346.3| Homo sapiens non-SMC condensin I complex, subunit G (NCAPG), mRNA;

gi|50658081|ref|NM\_024491.2| Homo sapiens centrosomal protein 70kDa (CEP70), mRNA;

gi|50658086|ref|NM\_022060.2| Homo sapiens abhydrolase domain containing 4 (ABHD4), mRNA;

gi|50659060|ref|NM\_182551.3| Homo sapiens lysocardiolipin acyltransferase 1 (LCLAT1), transcript variant

gi|50659062|ref|NM\_004028.3| Homo sapiens aquaporin 4 (AQP4), transcript variant b, mRNA; gi|5065906

gi|50659067|ref|NM\_005175.2| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial Fo complex, s

gi|50659075|ref|NM\_001638.2| Homo sapiens apolipoprotein F (APOF), mRNA;

gi|50659083|ref|NM\_016028.4| Homo sapiens suppressor of variegation 4-20 homolog 1 (Drosophila) (SUV

gi|50659085|ref|NM\_014317.3| Homo sapiens prenyl (decaprenyl) diphosphate synthase, subunit 1 (PDSS1

gi|50659092|ref|NM\_015274.1| Homo sapiens mannosidase, alpha, class 2B, member 2 (MAN2B2), mRNA;

gi|50659096|ref|NM\_005218.3| Homo sapiens defensin, beta 1 (DEFB1), mRNA;

gi|50659097|ref|NM\_015430.2| Homo sapiens peptidase domain containing associated with muscle regene

gi|50659102|ref|NM\_006613.3| Homo sapiens GRB2-related adaptor protein (GRAP), mRNA;  
 gi|50726959|ref|NM\_001002837.1| Homo sapiens inositol polyphosphate-5-phosphatase J (INPP5J), mRNA;  
 gi|50726964|ref|NM\_013392.2| Homo sapiens nuclear receptor binding protein 1 (NRBP1), mRNA;  
 gi|50726966|ref|NM\_014623.2| Homo sapiens male-enhanced antigen 1 (MEA1), mRNA;  
 gi|50726967|ref|NM\_005926.2| Homo sapiens microfibrillar-associated protein 1 (MFAP1), mRNA;  
 gi|50726980|ref|NM\_018264.2| Homo sapiens tRNA-yW synthesizing protein 1 homolog (S. cerevisiae) (TYL1), mRNA;  
 gi|50726984|ref|NM\_016337.2| Homo sapiens Enah/Vasp-like (EVL), mRNA;  
 gi|50726986|ref|NM\_004846.2| Homo sapiens eukaryotic translation initiation factor 4E family member 2 (EIF4E), mRNA;  
 gi|50726987|ref|NM\_018696.2| Homo sapiens elaC homolog 1 (E. coli) (ELAC1), mRNA;  
 gi|50726995|ref|NM\_020244.2| Homo sapiens choline phosphotransferase 1 (CHPT1), mRNA;  
 gi|50726998|ref|NM\_006568.2| Homo sapiens cell growth regulator with ring finger domain 1 (CGRF1), mRNA;  
 gi|50727001|ref|NM\_019042.3| Homo sapiens pseudouridylate synthase 7 homolog (S. cerevisiae) (PUS7), mRNA;  
 gi|50811874|ref|NM\_001002844.1| Homo sapiens zinc finger protein 280D (ZNF280D), transcript variant 3, mRNA;  
 gi|50843826|ref|NM\_017749.2| Homo sapiens autophagy/beclin-1 regulator 1 (AMBRA1), mRNA;  
 gi|50843836|ref|NM\_018071.3| Homo sapiens Rho guanine nucleotide exchange factor (GEF) 40 (ARHGEF40), mRNA;  
 gi|50843880|ref|NM\_018167.3| Homo sapiens BTB (POZ) domain containing 7 (BTBD7), transcript variant 2, mRNA;  
 gi|50843947|ref|NM\_024605.3| Homo sapiens Rho GTPase activating protein 10 (ARHGAP10), mRNA;  
 gi|50845381|ref|NM\_003814.4| Homo sapiens ADAM metalloproteinase domain 20 (ADAM20), mRNA;  
 gi|50845383|ref|NM\_006988.3| Homo sapiens ADAM metalloproteinase with thrombospondin type 1 motif 1 (ADAMTS1), mRNA;  
 gi|50845398|ref|NM\_021221.2| Homo sapiens lymphocyte antigen 6 complex, locus G5B (LY6G5B), mRNA;  
 gi|50845406|ref|NM\_031444.2| Homo sapiens chromosome 22 open reading frame 13 (C22orf13), mRNA;  
 gi|50845413|ref|NM\_001002876.1| Homo sapiens centromere protein M (CENPM), transcript variant 2, mRNA;  
 gi|50845426|ref|NM\_018724.3| Homo sapiens interleukin 20 (IL20), mRNA;  
 gi|50845427|ref|NM\_001002841.1| Homo sapiens myosin, light chain 4, alkali, atrial, embryonic (MYL4), transcript variant 1, mRNA;  
 gi|50878291|ref|NM\_020744.2| Homo sapiens metastasis associated 1 family, member 3 (MTA3), mRNA;  
 gi|50881951|ref|NM\_024821.2| Homo sapiens coiled-coil domain containing 134 (CCDC134), mRNA;  
 gi|50897263|ref|NM\_012374.1| Homo sapiens olfactory receptor, family 4, subfamily D, member 1 (OR4D1), mRNA;  
 gi|50897265|ref|NM\_138705.2| Homo sapiens calmodulin-like 6 (CALML6), mRNA;  
 gi|50897269|ref|NM\_001002907.1| Homo sapiens olfactory receptor, family 8, subfamily K, member 1 (OR8K1), mRNA;  
 gi|50897281|ref|NM\_001002917.1| Homo sapiens olfactory receptor, family 8, subfamily D, member 1 (OR8D1), mRNA;  
 gi|50897283|ref|NM\_001002913.1| Homo sapiens peptidyl-tRNA hydrolase 1 homolog (S. cerevisiae) (PTRH1), mRNA;  
 gi|50897291|ref|NM\_001002918.1| Homo sapiens olfactory receptor, family 8, subfamily D, member 2 (OR8D2), mRNA;  
 gi|50897295|ref|NM\_001002923.1| Homo sapiens IGF-like family member 4 (IGFL4), mRNA;  
 gi|50897297|ref|NM\_001002905.1| Homo sapiens olfactory receptor, family 8, subfamily G, member 1 (OR8G1), mRNA;  
 gi|50897849|ref|NM\_001001936.1| Homo sapiens actin filament associated protein 1-like 2 (AFAP1L2), transcript variant 1, mRNA;  
 gi|50952467|ref|NM\_001002018.1| Homo sapiens host cell factor C1 regulator 1 (XPO1 dependent) (HCFC1), mRNA;  
 gi|50959084|ref|NM\_003678.4| Homo sapiens THO complex 5 (THOC5), transcript variant 4, mRNA; gi|50959084|ref|NM\_003678.4| Homo sapiens THO complex 5 (THOC5), transcript variant 4, mRNA;  
 gi|50959131|ref|NM\_001002880.1| Homo sapiens chibby homolog 1 (Drosophila) (CBY1), transcript variant 1, mRNA;  
 gi|50959134|ref|NM\_001002760.1| Homo sapiens basic charge, Y-linked, 2B (BPY2B), mRNA;  
 gi|50959142|ref|NM\_001002761.1| Homo sapiens basic charge, Y-linked, 2C (BPY2C), mRNA;  
 gi|50959149|ref|NM\_000159.2| Homo sapiens glutaryl-CoA dehydrogenase (GCDH), nuclear gene encoding isoform 1, mRNA;  
 gi|50959166|ref|NM\_001002758.1| Homo sapiens PTPN13-like, Y-linked 2 (PRY2), mRNA;  
 gi|50959175|ref|NM\_016570.2| Homo sapiens ERGIC and golgi 2 (ERGIC2), mRNA;  
 gi|50959190|ref|NM\_005435.3| Homo sapiens Rho guanine nucleotide exchange factor (GEF) 5 (ARHGEF5), mRNA;  
 gi|50959213|ref|NM\_001284.2| Homo sapiens adaptor-related protein complex 3, sigma 1 subunit (AP3S1), mRNA;  
 gi|50962816|ref|NM\_001002926.1| Homo sapiens TWIST neighbor (TWISTNB), mRNA;  
 gi|50962825|ref|NM\_001720.3| Homo sapiens bone morphogenetic protein 8b (BMP8B), mRNA;

gi|50979289|ref|NM\_001002925.1| Homo sapiens olfactory receptor, family 5, subfamily AP, member 2 (O

gi|50980308|ref|NM\_032175.2| Homo sapiens UTP15, U3 small nucleolar ribonucleoprotein, homolog (S. c

gi|51011132|ref|NM\_206919.1| Homo sapiens ADP-ribosylation factor-like 9 (ARL9), mRNA;

gi|51093829|ref|NM\_001003398.1| Homo sapiens bicaudal D homolog 1 (Drosophila) (BICD1), transcript va

gi|51093831|ref|NM\_015635.2| Homo sapiens GTPase activating protein and VPS9 domains 1 (GAPVD1), m

gi|51093842|ref|NM\_005740.2| Homo sapiens dynein, axonemal, light chain 4 (DNAL4), mRNA;

gi|51093843|ref|NM\_004147.3| Homo sapiens developmentally regulated GTP binding protein 1 (DRG1), m

gi|51093844|ref|NM\_152511.3| Homo sapiens dual specificity phosphatase 18 (DUSP18), mRNA;

gi|51093847|ref|NM\_001469.3| Homo sapiens X-ray repair complementing defective repair in Chinese ham

gi|51093855|ref|NM\_033070.2| Homo sapiens cat eye syndrome chromosome region, candidate 5 (CECR5)

gi|51093856|ref|NM\_014406.4| Homo sapiens chaperonin containing TCP1, subunit 8 (theta)-like 2 (CCT8L

gi|51093857|ref|NM\_021096.3| Homo sapiens calcium channel, voltage-dependent, T type, alpha 1I subuni

gi|51093860|ref|NM\_014550.3| Homo sapiens caspase recruitment domain family, member 10 (CARD10), r

gi|51093862|ref|NM\_022833.2| Homo sapiens family with sequence similarity 129, member B (FAM129B),

gi|51093871|ref|NM\_012176.2| Homo sapiens F-box protein 4 (FBXO4), transcript variant 1, mRNA; gi|208

gi|51093873|ref|NM\_199285.2| Homo sapiens proline rich 19 (PRR19), mRNA;

gi|51093877|ref|NM\_001002906.1| Homo sapiens XK, Kell blood group complex subunit-related, Y-linked 2

gi|51100973|ref|NM\_015194.1| Homo sapiens myosin ID (MYO1D), mRNA;

gi|51102298|ref|NM\_005019.3| Homo sapiens phosphodiesterase 1A, calmodulin-dependent (PDE1A), trar

gi|51173716|ref|NM\_006720.3| Homo sapiens actin binding LIM protein 1 (ABLIM1), transcript variant 4, m

gi|51173719|ref|NM\_001003694.1| Homo sapiens bromodomain and PHD finger containing, 1 (BRPF1), tra

gi|51173723|ref|NM\_004053.3| Homo sapiens bystin-like (BYSL), mRNA;

gi|51173726|ref|NM\_001003688.1| Homo sapiens SMAD family member 1 (SMAD1), transcript variant 2, n

gi|51173745|ref|NM\_001003396.1| Homo sapiens tumor protein D52-like 1 (TPD52L1), transcript variant 3

gi|51173749|ref|NM\_031488.4| Homo sapiens l(3)mbt-like 2 (Drosophila) (L3MBTL2), mRNA;

gi|51173752|ref|NM\_006498.2| Homo sapiens lectin, galactoside-binding, soluble, 2 (LGALS2), mRNA;

gi|51173754|ref|NM\_001003692.1| Homo sapiens zinc finger, matrin-type 5 (ZMAT5), transcript variant 2, l

gi|51173875|ref|NM\_001003684.1| Homo sapiens ubiquinol-cytochrome c reductase, complex III subunit X

gi|51230411|ref|NM\_194301.2| Homo sapiens Ral GTPase activating protein, alpha subunit 1 (catalytic) (RA

gi|51230655|ref|NM\_001003750.1| Homo sapiens olfactory receptor, family 8, subfamily I, member 2 (OR8

gi|5123452|ref|NM\_000557.2| Homo sapiens growth differentiation factor 5 (GDF5), mRNA;

gi|51241786|ref|NR\_002164.1| Homo sapiens GTF2I repeat domain containing 2 pseudogene 1 (GTF2IRD2F

gi|51242940|ref|NM\_001003693.1| Homo sapiens lymphocyte antigen 6 complex, locus G6F (LY6G6F), mRI

gi|51243031|ref|NM\_001003712.1| Homo sapiens oxysterol binding protein-like 8 (OSBPL8), transcript vari

gi|51243048|ref|NM\_021246.2| Homo sapiens lymphocyte antigen 6 complex, locus G6D (LY6G6D), mRNA;

gi|51243061|ref|NM\_014628.2| Homo sapiens MAD2L1 binding protein (MAD2L1BP), transcript variant 2, r

gi|51243064|ref|NM\_033114.3| Homo sapiens zinc finger CCHC-type and RNA binding motif 1 (ZCRB1), mRI

gi|51317310|ref|NM\_032431.2| Homo sapiens synovial apoptosis inhibitor 1, synoviolin (SYVN1), transcript

gi|51317360|ref|NM\_020831.3| Homo sapiens megakaryoblastic leukemia (translocation) 1 (MKL1), mRNA,

gi|51317365|ref|NM\_032608.5| Homo sapiens myosin XVIIB (MYO18B), mRNA;

gi|51317369|ref|NM\_002490.3| Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 6, :

gi|51317372|ref|NM\_020929.1| Homo sapiens leucine rich repeat containing 4C (LRRC4C), mRNA;

gi|51317375|ref|NM\_001003796.1| Homo sapiens NHP2 non-histone chromosome protein 2-like 1 (S. cere

gi|51317379|ref|NM\_015554.1| Homo sapiens glucuronic acid epimerase (GLCE), mRNA;

gi|51317383|ref|NM\_001003722.1| Homo sapiens GLE1 RNA export mediator homolog (yeast) (GLE1), tran

gi|51317388|ref|NM\_001002254.1| Homo sapiens acyl-CoA wax alcohol acyltransferase 2 (AWAT2), mRNA;

gi|51317390|ref|NM\_016306.4| Homo sapiens DnaJ (Hsp40) homolog, subfamily B, member 11 (DNAJB11),

gi|51317398|ref|NM\_000235.2| Homo sapiens lipase A, lysosomal acid, cholesterol esterase (LIPA), transcript variant 1, mRNA;

gi|51339290|ref|NM\_152703.2| Homo sapiens sterile alpha motif domain containing 9-like (SAMD9L), mRNA;

gi|51339294|ref|NM\_024764.2| Homo sapiens catper channel auxiliary subunit beta (CATSPERB), mRNA;

gi|51464363|ref|XM\_373042.2| PREDICTED: Homo sapiens hypothetical protein LOC391722 (LOC391722), mRNA;

gi|51464887|ref|XM\_373077.2| PREDICTED: Homo sapiens putative TAF11-like protein ENSP00000332601-1, mRNA;

gi|51477686|ref|NM\_001003827.1| Homo sapiens tripartite motif containing 34 (TRIM34), transcript variant 1, mRNA;

gi|51477699|ref|NM\_001003891.1| Homo sapiens mediator complex subunit 15 (MED15), transcript variant 1, mRNA;

gi|51477701|ref|NM\_001003801.1| Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of gene expression 1 (SMAD4), mRNA;

gi|51477707|ref|NM\_001003810.1| Homo sapiens heterogeneous nuclear ribonucleoprotein D (AU-rich element binding protein 1) (HNRD), mRNA;

gi|51477713|ref|NM\_002372.2| Homo sapiens mannosidase, alpha, class 2A, member 1 (MAN2A1), mRNA;

gi|51477715|ref|NM\_006122.2| Homo sapiens mannosidase, alpha, class 2A, member 2 (MAN2A2), mRNA;

gi|51477722|ref|NM\_031276.2| Homo sapiens testis expressed 11 (TEX11), transcript variant 2, mRNA; gi|51477723|ref|NM\_031276.2| Homo sapiens testis expressed 11 (TEX11), transcript variant 1, mRNA;

gi|51477724|ref|NM\_014729.2| Homo sapiens thymocyte selection-associated high mobility group box (TOX), mRNA;

gi|51479142|ref|NM\_001003703.1| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial Fo complex subunit 6 (ATP6), mRNA;

gi|51479147|ref|NM\_020809.2| Homo sapiens Rho GTPase activating protein 20 (ARHGAP20), mRNA;

gi|51479151|ref|NM\_001003785.1| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial Fo complex subunit 6 (ATP6), mRNA;

gi|51479169|ref|NM\_015250.3| Homo sapiens bicaudal D homolog 2 (Drosophila) (BICD2), transcript variant 1, mRNA;

gi|51479176|ref|NM\_024337.3| Homo sapiens iroquois homeobox 1 (IRX1), mRNA;

gi|51479191|ref|NM\_002931.3| Homo sapiens ring finger protein 1 (RING1), mRNA;

gi|51491913|ref|NM\_001003892.1| Homo sapiens dual specificity phosphatase and pro isomerase domain containing 1 (DUSP1), mRNA;

gi|51538572|ref|NM\_001003894.1| Homo sapiens chromodomain protein, Y-linked, 1B (CDY1B), transcript variant 1, mRNA;

gi|51558687|ref|NM\_001003940.1| Homo sapiens Bcl2 modifying factor (BMF), transcript variant 1, mRNA;

gi|51558723|ref|NM\_030955.2| Homo sapiens ADAM metalloproteinase with thrombospondin type 1 motif 1 (ADAMTS1), mRNA;

gi|51558747|ref|NM\_001003677.1| Homo sapiens chromosome 11 open reading frame 49 (C11orf49), transcript variant 1, mRNA;

gi|51593097|ref|NM\_019604.2| Homo sapiens cytotoxic and regulatory T cell molecule (CRTAM), mRNA;

gi|51599150|ref|NM\_001003962.1| Homo sapiens calpain, small subunit 1 (CAPNS1), transcript variant 2, mRNA;

gi|51599155|ref|NM\_001273.2| Homo sapiens chromodomain helicase DNA binding protein 4 (CHD4), mRNA;

gi|51702205|ref|NM\_173854.4| Homo sapiens solute carrier family 41, member 1 (SLC41A1), mRNA;

gi|51702221|ref|NM\_194285.2| Homo sapiens SPT2, Suppressor of Ty, domain containing 1 (S. cerevisiae) (SPT2), mRNA;

gi|51702223|ref|NM\_007053.2| Homo sapiens CD160 molecule (CD160), mRNA;

gi|51702237|ref|NM\_001003806.1| Homo sapiens TCR gamma alternate reading frame protein (TARP), nuclear protein, mRNA;

gi|51702239|ref|NM\_003582.2| Homo sapiens dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1 (DYRK1A), mRNA;

gi|51702244|ref|NM\_001003897.1| Homo sapiens mannosidase, beta A, lysosomal-like (MANBAL), transcript variant 1, mRNA;

gi|51702476|ref|NM\_003782.3| Homo sapiens UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide chain 1 (UGAT3), mRNA;

gi|51702519|ref|NM\_080672.3| Homo sapiens phosphatase and actin regulator 3 (PHACTR3), transcript variant 1, mRNA;

gi|51702527|ref|NM\_020830.3| Homo sapiens WD repeat and FYVE domain containing 1 (WDFY1), mRNA;

gi|51702528|ref|NM\_012255.3| Homo sapiens 5'-3' exoribonuclease 2 (XRN2), mRNA;

gi|51702529|ref|NM\_005433.3| Homo sapiens v-src-1 Yamaguchi sarcoma viral oncogene homolog 1 (YES1), mRNA;

gi|5174396|ref|NM\_006057.1| Homo sapiens UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide chain 1 (UGAT3), mRNA;

gi|5174424|ref|NM\_006052.1| Homo sapiens Down syndrome critical region gene 3 (DSCR3), mRNA;

gi|5174462|ref|NM\_006043.1| Homo sapiens heparan sulfate (glucosamine) 3-O-sulfotransferase 2 (HS3ST2), mRNA;

gi|5174464|ref|NM\_006042.1| Homo sapiens heparan sulfate (glucosamine) 3-O-sulfotransferase 3A1 (HS3ST3A1), mRNA;

gi|5174466|ref|NM\_006041.1| Homo sapiens heparan sulfate (glucosamine) 3-O-sulfotransferase 3B1 (HS3ST3B1), mRNA;

gi|5174632|ref|NM\_006071.1| Homo sapiens polycystic kidney disease (polycystin) and REJ homolog (sperrin) (PKD1), mRNA;

gi|5174714|ref|NM\_005997.1| Homo sapiens vacuolar protein sorting 72 homolog (S. cerevisiae) (VPS72), mRNA;

gi|51807294|ref|NM\_006079.3| Homo sapiens Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain 1 (CTDSP1), mRNA;

gi|51854212|ref|NM\_001004064.1| Homo sapiens olfactory receptor, family 8, subfamily J, member 3 (OR8J3), mRNA;

gi|51870926|ref|NM\_017988.4| Homo sapiens SCY1-like 2 (*S. cerevisiae*) (SCYL2), mRNA;

gi|51870928|ref|NM\_014580.3| Homo sapiens solute carrier family 2 (facilitated glucose transporter), member 1 (SLC2A2), mRNA;

gi|51871119|ref|NM\_138401.2| Homo sapiens family with sequence similarity 125, member A (FAM125A), mRNA;

gi|51871124|ref|NM\_004704.3| Homo sapiens ribosomal RNA processing 9, small subunit (SSU) processome (RPS27A), mRNA;

gi|51871366|ref|NM\_001004124.1| Homo sapiens olfactory receptor, family 4, subfamily P, member 4 (OR4D4), mRNA;

gi|51873032|ref|NM\_012163.2| Homo sapiens leucine rich repeat containing 29 (LRRC29), transcript variant 1, mRNA;

gi|51873041|ref|NM\_002929.2| Homo sapiens G protein-coupled receptor kinase 1 (GRK1), mRNA;

gi|51873046|ref|NM\_001004057.1| Homo sapiens G protein-coupled receptor kinase 4 (GRK4), transcript variant 1, mRNA;

gi|51873048|ref|NM\_003704.3| Homo sapiens family with sequence similarity 193, member A (FAM193A), mRNA;

gi|51873051|ref|NM\_002271.4| Homo sapiens importin 5 (IPO5), mRNA;

gi|51873054|ref|NM\_001998.2| Homo sapiens fibulin 2 (FBLN2), transcript variant 2, mRNA; gi|259013546|ref|NM\_001998.2| Homo sapiens fibulin 2 (FBLN2), transcript variant 2, mRNA;

gi|51873056|ref|NM\_053284.2| Homo sapiens WAP, follistatin/kazal, immunoglobulin, kunitz and netrin domain (WAP), mRNA;

gi|51873061|ref|NM\_012399.3| Homo sapiens phosphatidylinositol transfer protein, beta (PITPNB), mRNA;

gi|51896028|ref|NM\_001003954.1| Homo sapiens annexin A13 (ANXA13), transcript variant 2, mRNA; gi|51896030|ref|NM\_175921.4| Homo sapiens chromosome 5 open reading frame 51 (C5orf51), mRNA;

gi|51896032|ref|NM\_018364.3| Homo sapiens round spermatid basic protein 1 (RSBN1), mRNA;

gi|51896033|ref|NM\_005308.2| Homo sapiens G protein-coupled receptor kinase 5 (GRK5), mRNA;

gi|51896040|ref|NM\_139209.2| Homo sapiens G protein-coupled receptor kinase 7 (GRK7), mRNA;

gi|51921272|ref|NM\_001004135.1| Homo sapiens olfactory receptor, family 2, subfamily A, member 12 (OR2A12), mRNA;

gi|51921274|ref|NM\_001004137.1| Homo sapiens olfactory receptor, family 52, subfamily M, member 1 (OR52M1), mRNA;

gi|51921276|ref|NM\_001004134.1| Homo sapiens olfactory receptor, family 10, subfamily AD, member 1 (OR10AD1), mRNA;

gi|51921380|ref|NM\_001004136.1| Homo sapiens olfactory receptor, family 2, subfamily T, member 2 (OR2T2), mRNA;

gi|51944949|ref|NM\_152401.2| Homo sapiens phosphodiesterase-like 2 (PDE2), mRNA;

gi|51944952|ref|NM\_014287.3| Homo sapiens NODAL modulator 1 (NOMO1), mRNA;

gi|51944958|ref|NM\_006072.4| Homo sapiens chemokine (C-C motif) ligand 26 (CCL26), mRNA;

gi|51944959|ref|NM\_001254.3| Homo sapiens cell division cycle 6 homolog (*S. cerevisiae*) (CDC6), mRNA;

gi|51944960|ref|NM\_001810.5| Homo sapiens centromere protein B, 80kDa (CENPB), mRNA;

gi|51944963|ref|NM\_001645.3| Homo sapiens apolipoprotein C-I (APOC1), mRNA;

gi|51944964|ref|NM\_006407.3| Homo sapiens ADP-ribosylation-like factor 6 interacting protein 5 (ARL6IP5), mRNA;

gi|51944965|ref|NM\_000704.2| Homo sapiens ATPase, H<sup>+</sup>/K<sup>+</sup> exchanging, alpha polypeptide (ATP4A), mRNA;

gi|51944972|ref|NM\_173614.2| Homo sapiens NODAL modulator 2 (NOMO2), transcript variant 2, mRNA; gi|51972185|ref|NM\_001004306.1| Homo sapiens coiled-coil domain containing 144 family, N-terminal like 1 (CCDC144), mRNA;

gi|51972201|ref|NM\_001004313.1| Homo sapiens transmembrane protein 220 (TMEM220), mRNA;

gi|51972211|ref|NM\_001004320.1| Homo sapiens alkylglycerol monooxygenase (AGMO), mRNA;

gi|51972219|ref|NM\_001004325.1| Homo sapiens keratin associated protein 5-2 (KRTAP5-2), mRNA;

gi|51972225|ref|NM\_001004323.1| Homo sapiens chromosome 7 open reading frame 61 (C7orf61), mRNA;

gi|51988883|ref|NM\_003805.3| Homo sapiens CASP2 and RIPK1 domain containing adaptor with death domain (CARD11), mRNA;

gi|51988884|ref|NM\_030622.6| Homo sapiens cytochrome P450, family 2, subfamily S, polypeptide 1 (CYP2S1), mRNA;

gi|51988888|ref|NM\_004402.2| Homo sapiens DNA fragmentation factor, 40kDa, beta polypeptide (caspase-1), mRNA;

gi|52138522|ref|NM\_133460.1| Homo sapiens zinc finger protein 418 (ZNF418), mRNA;

gi|52145308|ref|NM\_032808.5| Homo sapiens leucine rich repeat and Ig domain containing 1 (LINGO1), mRNA;

gi|52145311|ref|NM\_001004298.2| Homo sapiens chromosome 10 open reading frame 90 (C10orf90), mRNA;

gi|52145316|ref|NR\_002165.1| Homo sapiens high mobility group box 3 pseudogene 1 (HMGB3P1), non-coding RNA;

gi|52218825|ref|NM\_001004452.1| Homo sapiens olfactory receptor, family 1, subfamily J, member 4 (OR1J4), mRNA;

gi|52218827|ref|NM\_001004456.1| Homo sapiens olfactory receptor, family 1, subfamily M, member 1 (OR1M1), mRNA;

gi|52218829|ref|NM\_001004463.1| Homo sapiens olfactory receptor, family 10, subfamily G, member 7 (OR10G7), mRNA;

gi|52218831|ref|NM\_001004454.1| Homo sapiens olfactory receptor, family 1, subfamily L, member 8 (OR1L8), mRNA;

gi|52218833|ref|NM\_001004465.1| Homo sapiens olfactory receptor, family 10, subfamily H, member 4 (O  
gi|52218835|ref|NM\_001004461.1| Homo sapiens olfactory receptor, family 10, subfamily A, member 6 (O  
gi|52218837|ref|NM\_001004469.1| Homo sapiens olfactory receptor, family 10, subfamily J, member 5 (O  
gi|52218839|ref|NM\_001004464.1| Homo sapiens olfactory receptor, family 10, subfamily G, member 8 (O  
gi|52218841|ref|NM\_001004472.1| Homo sapiens olfactory receptor, family 10, subfamily R, member 2 (O  
gi|52218843|ref|NM\_001004466.1| Homo sapiens olfactory receptor, family 10, subfamily H, member 5 (O  
gi|52218845|ref|NM\_001004475.1| Homo sapiens olfactory receptor, family 10, subfamily T, member 2 (O  
gi|52218849|ref|NM\_001004479.1| Homo sapiens olfactory receptor, family 11, subfamily H, member 4 (O  
gi|52218851|ref|NM\_001004473.1| Homo sapiens olfactory receptor, family 10, subfamily K, member 1 (O  
gi|52218853|ref|NM\_001004482.1| Homo sapiens olfactory receptor, family 13, subfamily C, member 5 (O  
gi|52218855|ref|NM\_001004478.1| Homo sapiens olfactory receptor, family 10, subfamily Z, member 1 (O  
gi|52218857|ref|NM\_001004485.1| Homo sapiens olfactory receptor, family 13, subfamily F, member 1 (O  
gi|52218859|ref|NM\_001004480.1| Homo sapiens olfactory receptor, family 11, subfamily H, member 6 (O  
gi|52218861|ref|NM\_001004487.1| Homo sapiens olfactory receptor, family 13, subfamily J, member 1 (O  
gi|52218863|ref|NM\_001004483.1| Homo sapiens olfactory receptor, family 13, subfamily C, member 8 (O  
gi|52218867|ref|NM\_001004486.1| Homo sapiens olfactory receptor, family 13, subfamily H, member 1 (O  
gi|52219201|ref|NM\_001004450.1| Homo sapiens olfactory receptor, family 1, subfamily B, member 1 (O  
gi|52317093|ref|NM\_001004724.1| Homo sapiens olfactory receptor, family 4, subfamily N, member 5 (O  
gi|52317095|ref|NM\_001004726.1| Homo sapiens olfactory receptor, family 4, subfamily X, member 1 (O  
gi|52317099|ref|NM\_001004728.1| Homo sapiens olfactory receptor, family 5, subfamily A, member 1 (O  
gi|52317101|ref|NM\_001004725.1| Homo sapiens olfactory receptor, family 4, subfamily S, member 1 (O  
gi|52317103|ref|NM\_001004730.1| Homo sapiens olfactory receptor, family 5, subfamily AR, member 1 (O  
gi|52317105|ref|NM\_001004727.1| Homo sapiens olfactory receptor, family 4, subfamily X, member 2 (O  
gi|52317110|ref|NM\_001004729.1| Homo sapiens olfactory receptor, family 5, subfamily AN, member 1 (O  
gi|52317119|ref|NM\_001004738.1| Homo sapiens olfactory receptor, family 5, subfamily L, member 1 (O  
gi|52317121|ref|NM\_001004735.1| Homo sapiens olfactory receptor, family 5, subfamily D, member 14 (O  
gi|52317123|ref|NM\_001004740.1| Homo sapiens olfactory receptor, family 5, subfamily M, member 1 (O  
gi|52317125|ref|NM\_001004737.1| Homo sapiens olfactory receptor, family 5, subfamily K, member 2 (O  
gi|52317127|ref|NM\_001004743.1| Homo sapiens olfactory receptor, family 5, subfamily M, member 9 (O  
gi|52317129|ref|NM\_001004739.1| Homo sapiens olfactory receptor, family 5, subfamily L, member 2 (O  
gi|52317131|ref|NM\_001004745.1| Homo sapiens olfactory receptor, family 5, subfamily T, member 1 (O  
gi|52317135|ref|NM\_001004747.1| Homo sapiens olfactory receptor, family 5, subfamily T, member 3 (O  
gi|52317137|ref|NM\_001004744.1| Homo sapiens olfactory receptor, family 5, subfamily R, member 1 (O  
gi|52317139|ref|NM\_001004749.1| Homo sapiens olfactory receptor, family 51, subfamily A, member 7 (O  
gi|52317141|ref|NM\_001004746.1| Homo sapiens olfactory receptor, family 5, subfamily T, member 2 (O  
gi|52317143|ref|NM\_001004755.1| Homo sapiens olfactory receptor, family 51, subfamily L, member 1 (O  
gi|52317145|ref|NM\_001004748.1| Homo sapiens olfactory receptor, family 51, subfamily A, member 2 (O  
gi|52317153|ref|NM\_001004758.1| Homo sapiens olfactory receptor, family 51, subfamily S, member 1 (O  
gi|52317159|ref|NR\_002166.1| Homo sapiens trafficking protein particle complex 2 pseudogene 1 (TRAPPC  
gi|52317161|ref|NM\_001004713.1| Homo sapiens olfactory receptor, family 1, subfamily I, member 1 (O  
gi|52317163|ref|NM\_001004451.1| Homo sapiens olfactory receptor, family 1, subfamily J, member 1 (O  
gi|52317165|ref|NM\_001004457.1| Homo sapiens olfactory receptor, family 1, subfamily N, member 2 (O  
gi|52317167|ref|NM\_001004459.1| Homo sapiens olfactory receptor, family 1, subfamily S, member 2 (O  
gi|52317171|ref|NM\_001004462.1| Homo sapiens olfactory receptor, family 10, subfamily G, member 4 (O  
gi|52317173|ref|NM\_001004458.1| Homo sapiens olfactory receptor, family 1, subfamily S, member 1 (O  
gi|52317175|ref|NM\_001004476.1| Homo sapiens olfactory receptor, family 10, subfamily K, member 2 (O  
gi|52317177|ref|NM\_001004460.1| Homo sapiens olfactory receptor, family 10, subfamily A, member 2 (O

gi|52317179|ref|NM\_001004481.1| Homo sapiens olfactory receptor, family 13, subfamily C, member 2 (O

gi|52317181|ref|NM\_001004474.1| Homo sapiens olfactory receptor, family 10, subfamily S, member 1 (O

gi|52317183|ref|NM\_001004477.1| Homo sapiens olfactory receptor, family 10, subfamily X, member 1 (O

gi|52317185|ref|NM\_001004484.1| Homo sapiens olfactory receptor, family 13, subfamily D, member 1 (O

gi|52317187|ref|NM\_001004488.1| Homo sapiens olfactory receptor, family 2, subfamily A, member 25 (O

gi|52317189|ref|NM\_001004491.1| Homo sapiens olfactory receptor, family 2, subfamily AK, member 2 (O

gi|52317191|ref|NM\_001004492.1| Homo sapiens olfactory receptor, family 2, subfamily B, member 11 (O

gi|52317193|ref|NM\_001004684.1| Homo sapiens olfactory receptor, family 2, subfamily D, member 3 (OR

gi|52317195|ref|NM\_001004685.1| Homo sapiens olfactory receptor, family 2, subfamily F, member 2 (OR:

gi|52317197|ref|NM\_001004687.1| Homo sapiens olfactory receptor, family 2, subfamily L, member 3 (OR:

gi|52317199|ref|NM\_001004689.1| Homo sapiens olfactory receptor, family 2, subfamily M, member 3 (OF

gi|52317203|ref|NM\_001004688.1| Homo sapiens olfactory receptor, family 2, subfamily M, member 2 (OF

gi|52317205|ref|NM\_001004690.1| Homo sapiens olfactory receptor, family 2, subfamily M, member 5 (OF

gi|52317208|ref|NM\_001004691.1| Homo sapiens olfactory receptor, family 2, subfamily M, member 7 (OF

gi|52317212|ref|NM\_001004692.1| Homo sapiens olfactory receptor, family 2, subfamily T, member 12 (O

gi|52317214|ref|NM\_001004693.1| Homo sapiens olfactory receptor, family 2, subfamily T, member 10 (O

gi|52317218|ref|NM\_001004695.1| Homo sapiens olfactory receptor, family 2, subfamily T, member 33 (O

gi|52317220|ref|NM\_001004696.1| Homo sapiens olfactory receptor, family 2, subfamily T, member 4 (OR:

gi|52317222|ref|NM\_001004697.1| Homo sapiens olfactory receptor, family 2, subfamily T, member 5 (OR:

gi|52317226|ref|NM\_001004699.1| Homo sapiens olfactory receptor, family 2, subfamily Z, member 1 (OR:

gi|52317234|ref|NM\_001004702.1| Homo sapiens olfactory receptor, family 4, subfamily C, member 3 (OR

gi|52317236|ref|NM\_001004704.1| Homo sapiens olfactory receptor, family 4, subfamily C, member 6 (OR

gi|52317238|ref|NM\_001004705.1| Homo sapiens olfactory receptor, family 4, subfamily D, member 10 (O

gi|52317240|ref|NM\_001004706.1| Homo sapiens olfactory receptor, family 4, subfamily D, member 11 (O

gi|52317244|ref|NM\_001004708.1| Homo sapiens olfactory receptor, family 4, subfamily D, member 6 (OR

gi|52317246|ref|NM\_001004711.1| Homo sapiens olfactory receptor, family 4, subfamily D, member 9 (OR

gi|52317248|ref|NM\_001004712.1| Homo sapiens olfactory receptor, family 4, subfamily K, member 14 (O

gi|52317250|ref|NM\_001004715.1| Homo sapiens olfactory receptor, family 4, subfamily K, member 17 (O

gi|52317254|ref|NM\_001004714.1| Homo sapiens olfactory receptor, family 4, subfamily K, member 13 (O

gi|52317256|ref|NM\_001004731.1| Homo sapiens olfactory receptor, family 5, subfamily AU, member 1 (O

gi|52317258|ref|NM\_001004717.1| Homo sapiens olfactory receptor, family 4, subfamily L, member 1 (OR:

gi|52317260|ref|NM\_001004741.1| Homo sapiens olfactory receptor, family 5, subfamily M, member 10 (C

gi|52317262|ref|NM\_001004723.1| Homo sapiens olfactory receptor, family 4, subfamily N, member 2 (OR

gi|52317266|ref|NM\_001004734.1| Homo sapiens olfactory receptor, family 14, subfamily I, member 1 (OF

gi|52317268|ref|NM\_001004753.1| Homo sapiens olfactory receptor, family 51, subfamily F, member 2 (O

gi|52317272|ref|NM\_001004759.1| Homo sapiens olfactory receptor, family 51, subfamily T, member 1 (O

gi|52345386|ref|NM\_001004431.1| Homo sapiens meteorin, glial cell differentiation regulator-like (METRN

gi|52345407|ref|NM\_022750.2| Homo sapiens poly (ADP-ribose) polymerase family, member 12 (PARP12),

gi|52345625|ref|NM\_015041.1| Homo sapiens clusterin associated protein 1 (CLUAP1), transcript variant 1.

gi|52351207|ref|NM\_018713.2| Homo sapiens solute carrier family 30, member 10 (SLC30A10), transcript \

gi|52352802|ref|NM\_021194.2| Homo sapiens solute carrier family 30 (zinc transporter), member 1 (SLC30

gi|52352806|ref|NM\_032513.3| Homo sapiens solute carrier family 30 (zinc transporter), member 2 (SLC30

gi|52352807|ref|NM\_014624.3| Homo sapiens S100 calcium binding protein A6 (S100A6), mRNA;

gi|52352809|ref|NM\_018967.2| Homo sapiens syntrophin, gamma 1 (SNTG1), mRNA;

gi|52352813|ref|NM\_004710.3| Homo sapiens synaptogyrin 2 (SYNGR2), mRNA;

gi|52353251|ref|NM\_001005165.1| Homo sapiens olfactory receptor, family 52, subfamily E, member 4 (O

gi|52353255|ref|NM\_001005167.1| Homo sapiens olfactory receptor, family 52, subfamily E, member 6 (O



gi|52353265|ref|NM\_001005181.1| Homo sapiens olfactory receptor, family 56, subfamily B, member 4 (O

gi|52353267|ref|NM\_001005174.1| Homo sapiens olfactory receptor, family 52, subfamily N, member 2 (O

gi|52353271|ref|NM\_001005178.1| Homo sapiens olfactory receptor, family 52, subfamily W, member 1 (C

gi|52353273|ref|NM\_001005188.1| Homo sapiens olfactory receptor, family 6, subfamily X, member 1 (OR

gi|52353275|ref|NM\_001005185.1| Homo sapiens olfactory receptor, family 6, subfamily N, member 1 (OR

gi|52353277|ref|NM\_001005187.1| Homo sapiens olfactory receptor, family 6, subfamily T, member 1 (OR

gi|52353279|ref|NM\_001005189.1| Homo sapiens olfactory receptor, family 6, subfamily Y, member 1 (OR

gi|52353285|ref|NM\_001005196.1| Homo sapiens olfactory receptor, family 8, subfamily B, member 4 (OR

gi|52353287|ref|NM\_001005197.1| Homo sapiens olfactory receptor, family 8, subfamily D, member 4 (OR

gi|52353289|ref|NM\_001005199.1| Homo sapiens olfactory receptor, family 8, subfamily H, member 1 (OR

gi|52353291|ref|NM\_001005200.1| Homo sapiens olfactory receptor, family 8, subfamily H, member 2 (OR

gi|52353293|ref|NM\_001005201.1| Homo sapiens olfactory receptor, family 8, subfamily H, member 3 (OR

gi|52353299|ref|NM\_001005202.1| Homo sapiens olfactory receptor, family 8, subfamily K, member 3 (OR

gi|52353301|ref|NM\_001005209.1| Homo sapiens transmembrane protein 198 (TMEM198), mRNA;

gi|52353303|ref|NM\_001005204.1| Homo sapiens olfactory receptor, family 8, subfamily U, member 1 (OR

gi|52353310|ref|NM\_001005213.1| Homo sapiens olfactory receptor, family 9, subfamily G, member 1 (OR

gi|52353319|ref|NM\_001005217.1| Homo sapiens FSHD region gene 2 (FRG2), mRNA;

gi|52353325|ref|NM\_001005168.1| Homo sapiens olfactory receptor, family 52, subfamily E, member 8 (O

gi|52353333|ref|NM\_001005169.1| Homo sapiens olfactory receptor, family 52, subfamily I, member 1 (OR

gi|52353341|ref|NM\_001005184.1| Homo sapiens olfactory receptor, family 6, subfamily K, member 6 (OR

gi|52353343|ref|NM\_001005190.1| Homo sapiens olfactory receptor, family 7, subfamily A, member 10 (O

gi|52353345|ref|NM\_001005193.1| Homo sapiens olfactory receptor, family 7, subfamily G, member 2 (OR

gi|52353347|ref|NM\_001005194.1| Homo sapiens olfactory receptor, family 8, subfamily A, member 1 (OR

gi|52353349|ref|NM\_001005195.1| Homo sapiens olfactory receptor, family 8, subfamily B, member 12 (O

gi|52353353|ref|NM\_001005198.1| Homo sapiens olfactory receptor, family 8, subfamily G, member 5 (OR

gi|52353942|ref|NM\_001005182.1| Homo sapiens olfactory receptor, family 6, subfamily C, member 1 (OR

gi|52353944|ref|NM\_001004750.1| Homo sapiens olfactory receptor, family 51, subfamily B, member 6 (O

gi|52353946|ref|NM\_001004752.1| Homo sapiens olfactory receptor, family 51, subfamily F, member 1 (O

gi|52353948|ref|NM\_001004703.1| Homo sapiens olfactory receptor, family 4, subfamily C, member 46 (O

gi|52353950|ref|NM\_001004467.1| Homo sapiens olfactory receptor, family 10, subfamily J, member 3 (O

gi|52353952|ref|NM\_001004490.1| Homo sapiens olfactory receptor, family 2, subfamily AG, member 2 (O

gi|52353964|ref|NM\_020170.3| Homo sapiens nicalin (NCLN), mRNA;

gi|52421330|ref|NR\_002169.1| Homo sapiens olfactory receptor, family 1, subfamily F, member 2 (OR1F2P

gi|52421348|ref|NM\_001005224.1| Homo sapiens olfactory receptor, family 4, subfamily F, member 3 (OR

gi|52421785|ref|NM\_001005183.1| Homo sapiens olfactory receptor, family 6, subfamily C, member 76 (O

gi|52421789|ref|NM\_033141.2| Homo sapiens mitogen-activated protein kinase kinase kinase 9 (MAP3K9),

gi|52426739|ref|NM\_001172.3| Homo sapiens arginase, type II (ARG2), nuclear gene encoding mitochondri

gi|52426740|ref|NM\_145691.3| Homo sapiens ATP synthase mitochondrial F1 complex assembly factor 2 (A

gi|52426746|ref|NM\_080476.4| Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class U (PIC

gi|52426747|ref|NM\_000741.2| Homo sapiens cholinergic receptor, muscarinic 4 (CHRM4), mRNA;

gi|52426759|ref|NM\_199286.2| Homo sapiens developmental pluripotency associated 3 (DPPA3), mRNA;

gi|52426760|ref|NM\_004961.3| Homo sapiens gamma-aminobutyric acid (GABA) A receptor, epsilon (GABR

gi|52426767|ref|NM\_030940.3| Homo sapiens iron-sulfur cluster assembly 1 homolog (S. cerevisiae) (ISCA1

gi|52426769|ref|NM\_170745.3| Homo sapiens histone cluster 1, H2aa (HIST1H2AA), mRNA;

gi|52426772|ref|NM\_002122.3| Homo sapiens major histocompatibility complex, class II, DQ alpha 1 (HLA-D

gi|52426775|ref|NM\_006805.3| Homo sapiens heterogeneous nuclear ribonucleoprotein A0 (HNRNPA0), m

gi|52426776|ref|NM\_005114.2| Homo sapiens heparan sulfate (glucosamine) 3-O-sulfotransferase 1 (HS3S

gi|52426788|ref|NM\_080818.3| Homo sapiens oxoglutarate (alpha-ketoglutarate) receptor 1 (OXGR1), mRNA;

gi|52485798|ref|NM\_002034.2| Homo sapiens fucosyltransferase 5 (alpha (1,3) fucosyltransferase) (FUT5), mRNA;

gi|52485852|ref|NM\_001004439.1| Homo sapiens integrin, alpha 11 (ITGA11), mRNA;

gi|52485940|ref|NM\_002207.2| Homo sapiens integrin, alpha 9 (ITGA9), mRNA;

gi|52485986|ref|NM\_002566.4| Homo sapiens purinergic receptor P2Y, G-protein coupled, 11 (P2RY11), mRNA;

gi|52486036|ref|NM\_018930.3| Homo sapiens protocadherin beta 10 (PCDHB10), mRNA;

gi|52486159|ref|NM\_018932.3| Homo sapiens protocadherin beta 12 (PCDHB12), mRNA;

gi|52486250|ref|NM\_001004426.1| Homo sapiens phospholipase A2, group VI (cytosolic, calcium-independent), mRNA;

gi|52486264|ref|NM\_006029.4| Homo sapiens paraneoplastic Ma antigen 1 (PNMA1), mRNA;

gi|52486675|ref|NM\_182759.2| Homo sapiens family with sequence similarity 19 (chemokine (C-C motif)-like), mRNA;

gi|52487034|ref|NM\_004618.3| Homo sapiens topoisomerase (DNA) III alpha (TOP3A), mRNA;

gi|52487190|ref|NM\_015051.1| Homo sapiens endoplasmic reticulum protein 44 (ERP44), mRNA;

gi|52493188|ref|NM\_001004128.2| Homo sapiens quiescin Q6 sulfhydryl oxidase 1 (QSOX1), transcript variant 1, mRNA;

gi|52546682|ref|NM\_054106.1| Homo sapiens olfactory receptor, family 5, subfamily AC, member 2 (OR5A2), mRNA;

gi|52546684|ref|NM\_001005234.1| Homo sapiens olfactory receptor, family 1, subfamily L, member 3 (OR1L3), mRNA;

gi|52546686|ref|NM\_001005235.1| Homo sapiens olfactory receptor, family 1, subfamily L, member 4 (OR1L4), mRNA;

gi|52546688|ref|NM\_001005238.1| Homo sapiens olfactory receptor, family 51, subfamily G, member 2 (OR51G2), mRNA;

gi|52546690|ref|NM\_001005239.1| Homo sapiens olfactory receptor, family 11, subfamily H, member 1 (OR11H1), mRNA;

gi|52546692|ref|NM\_001005237.1| Homo sapiens olfactory receptor, family 51, subfamily G, member 1 (OR51G1), mRNA;

gi|52546736|ref|NM\_001005243.1| Homo sapiens olfactory receptor, family 9, subfamily K, member 2 (OR9K2), mRNA;

gi|52546738|ref|NM\_001005240.1| Homo sapiens olfactory receptor, family 4, subfamily F, member 17 (OR4F17), mRNA;

gi|52546740|ref|NM\_001005245.1| Homo sapiens olfactory receptor, family 5, subfamily M, member 11 (OR5M11), mRNA;

gi|52627146|ref|NM\_001005275.1| Homo sapiens olfactory receptor, family 4, subfamily A, member 15 (OR4A15), mRNA;

gi|52627150|ref|NM\_001005276.1| Homo sapiens olfactory receptor, family 2, subfamily AE, member 1 (OR2AE1), mRNA;

gi|52627152|ref|NM\_001005274.1| Homo sapiens olfactory receptor, family 4, subfamily A, member 16 (OR4A16), mRNA;

gi|52627154|ref|NM\_001005279.1| Homo sapiens olfactory receptor, family 6, subfamily K, member 2 (OR6K2), mRNA;

gi|52627157|ref|NM\_001005278.1| Homo sapiens olfactory receptor, family 6, subfamily N, member 2 (OR6N2), mRNA;

gi|52627159|ref|NM\_001005280.1| Homo sapiens olfactory receptor, family 10, subfamily A, member 7 (OR10A7), mRNA;

gi|52627161|ref|NM\_001005282.1| Homo sapiens olfactory receptor, family 5, subfamily M, member 8 (OR5M8), mRNA;

gi|52627163|ref|NM\_001005286.1| Homo sapiens olfactory receptor, family 6, subfamily F, member 1 (OR6F1), mRNA;

gi|52627165|ref|NM\_001005289.1| Homo sapiens olfactory receptor, family 52, subfamily H, member 1 (OR52H1), mRNA;

gi|52627198|ref|NM\_001001920.1| Homo sapiens olfactory receptor, family 4, subfamily C, member 15 (OR4C15), mRNA;

gi|52627200|ref|NM\_001005211.1| Homo sapiens olfactory receptor, family 9, subfamily I, member 1 (OR9I1), mRNA;

gi|52627208|ref|NM\_001005277.1| Homo sapiens olfactory receptor, family 4, subfamily F, member 16 (OR4F16), mRNA;

gi|52627210|ref|NM\_001005284.1| Homo sapiens olfactory receptor, family 9, subfamily G, member 4 (OR9G4), mRNA;

gi|52627212|ref|NM\_001005287.1| Homo sapiens olfactory receptor, family 2, subfamily A, member 1 (OR2A1), mRNA;

gi|52627214|ref|NM\_001005281.1| Homo sapiens olfactory receptor, family 6, subfamily B, member 1 (OR6B1), mRNA;

gi|52627216|ref|NM\_001005285.1| Homo sapiens olfactory receptor, family 2, subfamily AT, member 4 (OR2AT4), mRNA;

gi|52630339|ref|NM\_002105.2| Homo sapiens H2A histone family, member X (H2AFX), mRNA;

gi|52630343|ref|NM\_021983.4| Homo sapiens major histocompatibility complex, class II, DR beta 4 (HLA-DRA), mRNA;

gi|52630413|ref|NM\_003013.2| Homo sapiens secreted frizzled-related protein 2 (SFRP2), mRNA;

gi|52630414|ref|NM\_003459.4| Homo sapiens solute carrier family 30 (zinc transporter), member 3 (SLC30A3), mRNA;

gi|52630415|ref|NM\_013309.4| Homo sapiens solute carrier family 30 (zinc transporter), member 4 (SLC30A4), mRNA;

gi|52630428|ref|NM\_005384.2| Homo sapiens nuclear factor, interleukin 3 regulated (NFIL3), mRNA;

gi|52630439|ref|NM\_012181.3| Homo sapiens FK506 binding protein 8, 38kDa (FKBP8), mRNA;

gi|52630441|ref|NM\_001730.3| Homo sapiens Kruppel-like factor 5 (intestinal) (KLF5), mRNA;

gi|52630444|ref|NM\_012329.2| Homo sapiens monocyte to macrophage differentiation-associated (MMD1), mRNA;

gi|52630446|ref|NM\_005374.3| Homo sapiens membrane protein, palmitoylated 2 (MAGUK p55 subfamily  
gi|52632378|ref|NM\_001005332.1| Homo sapiens melanoma antigen family D, 1 (MAGED1), transcript vari  
gi|52632384|ref|NM\_001005335.1| Homo sapiens heterogeneous nuclear ribonucleoprotein L (HNRNPL), t  
gi|52693916|ref|NM\_017504.1| Homo sapiens olfactory receptor, family 2, subfamily M, member 4 (OR2M  
gi|52693922|ref|NM\_001005325.1| Homo sapiens olfactory receptor, family 6, subfamily M, member 1 (OF  
gi|52693924|ref|NM\_001005329.1| Homo sapiens olfactory receptor, family 51, subfamily A, member 4 (O  
gi|52693926|ref|NM\_001005324.1| Homo sapiens olfactory receptor, family 10, subfamily V, member 1 (O  
gi|52693930|ref|NM\_001005326.1| Homo sapiens olfactory receptor, family 4, subfamily F, member 6 (OR  
gi|52693940|ref|NM\_001005323.1| Homo sapiens olfactory receptor, family 5, subfamily AK, member 2 (O  
gi|52693944|ref|NM\_001005328.1| Homo sapiens olfactory receptor, family 2, subfamily A, member 7 (OR  
gi|52694750|ref|NM\_002510.2| Homo sapiens glycoprotein (transmembrane) nmb (GPNMB), transcript vai  
gi|52694754|ref|NM\_001005339.1| Homo sapiens regulator of G-protein signaling 10 (RGS10), transcript v  
gi|52840094|ref|NM\_017592.1| Homo sapiens mediator complex subunit 29 (MED29), mRNA;  
gi|52851396|ref|NM\_138820.2| Homo sapiens HIG1 hypoxia inducible domain family, member 2A (HIGD2A  
gi|52851406|ref|NM\_005702.2| Homo sapiens Era G-protein-like 1 (E. coli) (ERAL1), mRNA;  
gi|52851410|ref|NM\_021199.2| Homo sapiens sulfide quinone reductase-like (yeast) (SQRD), nuclear gene  
gi|52851419|ref|NM\_033112.2| Homo sapiens ribosomal RNA processing 36 homolog (S. cerevisiae) (RRP3  
gi|52851421|ref|NM\_058190.2| Homo sapiens family with sequence similarity 207, member A (FAM207A),  
gi|52851428|ref|NM\_020141.3| Homo sapiens transmembrane protein 167B (TMEM167B), mRNA;  
gi|52851430|ref|NM\_002947.3| Homo sapiens replication protein A3, 14kDa (RPA3), mRNA;  
gi|52851431|ref|NM\_015322.3| Homo sapiens fem-1 homolog b (C. elegans) (FEM1B), mRNA;  
gi|52851436|ref|NM\_024956.3| Homo sapiens transmembrane protein 62 (TMEM62), mRNA;  
gi|52851455|ref|NM\_145243.3| Homo sapiens OMA1 zinc metallopeptidase homolog (S. cerevisiae) (OMA1  
gi|52851456|ref|NM\_017851.4| Homo sapiens poly (ADP-ribose) polymerase family, member 16 (PARP16),  
gi|52856423|ref|NM\_001005338.1| Homo sapiens olfactory receptor, family 5, subfamily H, member 1 (OR  
gi|52856429|ref|NM\_207355.2| Homo sapiens POTE ankyrin domain family, member B (POTEB), mRNA;  
gi|53692180|ref|NM\_033624.2| Homo sapiens F-box protein 21 (FBXO21), transcript variant 1, mRNA; gi|5:  
gi|53692188|ref|NM\_001129.3| Homo sapiens AE binding protein 1 (AEBP1), mRNA;  
gi|53729315|ref|NM\_001005389.1| Homo sapiens neurofascin (NFASC), transcript variant 5, mRNA; gi|237  
gi|53729319|ref|NM\_001005413.1| Homo sapiens ZW10 interactor (ZWINT), transcript variant 3, mRNA; gi  
gi|53729326|ref|NM\_001489.3| Homo sapiens nuclear receptor subfamily 6, group A, member 1 (NR6A1), t  
gi|53729329|ref|NM\_016496.4| Homo sapiens membrane-associated ring finger (C3HC4) 2, E3 ubiquitin pr  
gi|53729335|ref|NM\_002444.2| Homo sapiens moesin (MSN), mRNA;  
gi|53729338|ref|NM\_001005369.1| Homo sapiens mitochondrial translational initiation factor 2 (MTIF2), n  
gi|53729347|ref|NM\_007183.2| Homo sapiens plakophilin 3 (PKP3), mRNA;  
gi|53729351|ref|NM\_005112.4| Homo sapiens WD repeat domain 1 (WDR1), transcript variant 2, mRNA; gi  
gi|53729353|ref|NM\_006522.3| Homo sapiens wingless-type MMTV integration site family, member 6 (WN  
gi|53749660|ref|NM\_025205.3| Homo sapiens mediator complex subunit 28 (MED28), mRNA;  
gi|53749664|ref|NM\_005654.4| Homo sapiens nuclear receptor subfamily 2, group F, member 1 (NR2F1), n  
gi|53759115|ref|NM\_000593.5| Homo sapiens transporter 1, ATP-binding cassette, sub-family B (MDR/TAP  
gi|53759117|ref|NM\_198309.2| Homo sapiens tetratricopeptide repeat domain 8 (TTC8), transcript variant  
gi|53759124|ref|NM\_001295.2| Homo sapiens chemokine (C-C motif) receptor 1 (CCR1), mRNA;  
gi|53759125|ref|NM\_006012.2| Homo sapiens ClpP caseinolytic peptidase, ATP-dependent, proteolytic sub  
gi|53759126|ref|NM\_003851.2| Homo sapiens cellular repressor of E1A-stimulated genes 1 (CREG1), mRNA  
gi|53759133|ref|NM\_004435.2| Homo sapiens endonuclease G (ENDOG), nuclear gene encoding mitochon  
gi|53759139|ref|NM\_006973.2| Homo sapiens zinc finger protein 32 (ZNF32), transcript variant 1, mRNA; g  
gi|53759142|ref|NM\_002061.2| Homo sapiens glutamate-cysteine ligase, modifier subunit (GCLM), mRNA;

gi|53759143|ref|NM\_003875.2| Homo sapiens guanine monphosphate synthetase (GMPS), mRNA;

gi|53759146|ref|NM\_002106.3| Homo sapiens H2A histone family, member Z (H2AFZ), mRNA;

gi|53759150|ref|NM\_005063.4| Homo sapiens stearyl-CoA desaturase (delta-9-desaturase) (SCD), mRNA;

gi|53759152|ref|NM\_003400.3| Homo sapiens exportin 1 (CRM1 homolog, yeast) (XPO1), mRNA;

gi|53793654|ref|NM\_030904.1| Homo sapiens olfactory receptor, family 2, subfamily T, member 1 (OR2T1);

gi|53793657|ref|NM\_001003745.1| Homo sapiens olfactory receptor, family 10, subfamily A, member 3 (OR10A3);

gi|53793662|ref|NM\_001005466.1| Homo sapiens olfactory receptor, family 10, subfamily G, member 2 (OR10G2);

gi|53793666|ref|NM\_001005467.1| Homo sapiens olfactory receptor, family 8, subfamily B, member 3 (OR8B3);

gi|53793668|ref|NM\_001005465.1| Homo sapiens olfactory receptor, family 10, subfamily G, member 3 (OR10G3);

gi|53793670|ref|NM\_001005469.1| Homo sapiens olfactory receptor, family 5, subfamily B, member 3 (OR5B3);

gi|53793674|ref|NM\_001005468.1| Homo sapiens olfactory receptor, family 8, subfamily B, member 2 (OR8B2);

gi|53793678|ref|NM\_001005470.1| Homo sapiens olfactory receptor, family 4, subfamily B, member 1 (OR4B1);

gi|53793689|ref|NM\_001005471.1| Homo sapiens olfactory receptor, family 2, subfamily T, member 6 (OR2T6);

gi|53828660|ref|NM\_054107.1| Homo sapiens olfactory receptor, family 1, subfamily J, member 2 (OR1J2);

gi|53828665|ref|NM\_206899.1| Homo sapiens olfactory receptor, family 10, subfamily P, member 1 (OR10P1);

gi|53828669|ref|NM\_001001657.1| Homo sapiens olfactory receptor, family 2, subfamily Y, member 1 (OR2Y1);

gi|53828671|ref|NM\_001001674.1| Homo sapiens olfactory receptor, family 4, subfamily F, member 15 (OR4F15);

gi|53828673|ref|NM\_001001919.1| Homo sapiens olfactory receptor, family 13, subfamily C, member 4 (OR13C4);

gi|53828675|ref|NM\_001001923.1| Homo sapiens olfactory receptor, family 5, subfamily C, member 1 (OR5C1);

gi|53828677|ref|NM\_001001952.1| Homo sapiens olfactory receptor, family 5, subfamily D, member 18 (OR5D18);

gi|53828682|ref|NM\_001004052.1| Homo sapiens olfactory receptor, family 52, subfamily B, member 2 (OR52B2);

gi|53828687|ref|NM\_001005482.1| Homo sapiens olfactory receptor, family 5, subfamily H, member 2 (OR5H2);

gi|53828691|ref|NM\_001005483.1| Homo sapiens olfactory receptor, family 4, subfamily K, member 5 (OR4K5);

gi|53828695|ref|NM\_001005489.1| Homo sapiens olfactory receptor, family 5, subfamily B, member 17 (OR5B17);

gi|53828697|ref|NM\_001005487.1| Homo sapiens olfactory receptor, family 13, subfamily G, member 1 (OR13G1);

gi|53828699|ref|NM\_001005491.1| Homo sapiens olfactory receptor, family 10, subfamily AG, member 1 (OR10AG1);

gi|53828702|ref|NM\_001005365.2| Homo sapiens POTE ankyrin domain family, member A (POTEA), transcript variant 1 (OR5A1);

gi|53828704|ref|NM\_001005492.1| Homo sapiens olfactory receptor, family 5, subfamily J, member 2 (OR5J2);

gi|53828707|ref|NM\_001005494.1| Homo sapiens olfactory receptor, family 6, subfamily C, member 4 (OR6C4);

gi|53828709|ref|NM\_001005496.1| Homo sapiens olfactory receptor, family 5, subfamily D, member 16 (OR5D16);

gi|53828711|ref|NM\_001005500.1| Homo sapiens olfactory receptor, family 4, subfamily M, member 1 (OR4M1);

gi|53828713|ref|NM\_001005501.1| Homo sapiens olfactory receptor, family 4, subfamily K, member 2 (OR4K2);

gi|53828731|ref|NM\_001005479.1| Homo sapiens olfactory receptor, family 5, subfamily H, member 6 (OR5H6);

gi|53828733|ref|NM\_003697.1| Homo sapiens olfactory receptor, family 5, subfamily F, member 1 (OR5F1);

gi|53828735|ref|NM\_001005486.1| Homo sapiens olfactory receptor, family 4, subfamily K, member 15 (OR4K15);

gi|53828739|ref|NM\_001005484.1| Homo sapiens olfactory receptor, family 4, subfamily F, member 5 (OR4F5);

gi|53828741|ref|NM\_001005495.1| Homo sapiens olfactory receptor, family 2, subfamily T, member 3 (OR2T3);

gi|53828743|ref|NM\_001005503.1| Homo sapiens olfactory receptor, family 11, subfamily G, member 2 (OR11G2);

gi|53828745|ref|NM\_172194.1| Homo sapiens olfactory receptor, family 4, subfamily Q, member 3 (OR4Q3);

gi|53828927|ref|NM\_022826.2| Homo sapiens membrane-associated ring finger (C3HC4) 7, E3 ubiquitin protein ligase 1 (C3HC4-7);

gi|53829364|ref|NM\_015353.1| Homo sapiens potassium channel tetramerisation domain containing 2 (KCCTD2), mRNA;

gi|53829366|ref|NM\_015455.3| Homo sapiens CCR4-NOT transcription complex, subunit 6 (CNOT6), mRNA;

gi|53829369|ref|NM\_032442.2| Homo sapiens neuralized homolog 4 (Drosophila) (NEURL4), transcript variant 1 (NEURL4-1);

gi|53829375|ref|NM\_001005476.1| Homo sapiens plakophilin 4 (PKP4), transcript variant 2, mRNA; gi|53829376|ref|NM\_001005476.1| Homo sapiens plakophilin 4 (PKP4), transcript variant 1, mRNA;

gi|53829384|ref|NM\_052888.2| Homo sapiens leucine rich repeat containing 37B (LRRC37B), mRNA;

gi|53831992|ref|NM\_025250.2| Homo sapiens tweety homolog 3 (Drosophila) (TTYH3), mRNA;

gi|53831993|ref|NM\_005877.4| Homo sapiens splicing factor 3a, subunit 1, 120kDa (SF3A1), transcript variant 1 (SF3A1-1);

gi|53832008|ref|NM\_021098.2| Homo sapiens calcium channel, voltage-dependent, T type, alpha 1H subunit 1 (CACOP1), mRNA;

gi|53832012|ref|NM\_152505.3| Homo sapiens Leber congenital amaurosis 5-like (LCA5L), mRNA;

gi|53832017|ref|NM\_182906.2| Homo sapiens C-type lectin domain family 10, member A (CLEC10A), transcript variant 1, mRNA;

gi|53832025|ref|NM\_015075.1| Homo sapiens IQ motif and Sec7 domain 2 (IQSEC2), transcript variant 2, mRNA;

gi|53832029|ref|NM\_016433.3| Homo sapiens glycolipid transfer protein (GLTP), mRNA;

gi|53832030|ref|NM\_004489.4| Homo sapiens G protein pathway suppressor 2 (GPS2), mRNA;

gi|53850571|ref|NM\_012365.1| Homo sapiens olfactory receptor, family 2, subfamily A, member 5 (OR2A5), mRNA;

gi|53850573|ref|NM\_030946.1| Homo sapiens olfactory receptor, family 14, subfamily J, member 1 (OR14J1), mRNA;

gi|53850575|ref|NM\_080859.1| Homo sapiens olfactory receptor, family 1, subfamily K, member 1 (OR1K1), mRNA;

gi|53850669|ref|NM\_001005522.1| Homo sapiens olfactory receptor, family 2, subfamily T, member 8 (OR2T8), mRNA;

gi|53850800|ref|NM\_005285.3| Homo sapiens neuropeptides B/W receptor 1 (NPBWR1), mRNA;

gi|53933267|ref|NM\_001005490.1| Homo sapiens olfactory receptor, family 6, subfamily C, member 74 (OR6C74), mRNA;

gi|53933269|ref|NM\_001005493.1| Homo sapiens olfactory receptor, family 6, subfamily C, member 6 (OR6C6), mRNA;

gi|53933271|ref|NM\_001005499.1| Homo sapiens olfactory receptor, family 6, subfamily C, member 70 (OR6C70), mRNA;

gi|53933273|ref|NM\_001005504.1| Homo sapiens olfactory receptor, family 4, subfamily F, member 21 (OR4F21), mRNA;

gi|53933275|ref|NM\_001005514.1| Homo sapiens olfactory receptor, family 5, subfamily H, member 14 (OR5H14), mRNA;

gi|53933277|ref|NM\_001005516.1| Homo sapiens olfactory receptor, family 5, subfamily K, member 3 (OR5K3), mRNA;

gi|53933279|ref|NM\_001005513.1| Homo sapiens olfactory receptor, family 4, subfamily C, member 45 (OR4C45), mRNA;

gi|53933281|ref|NM\_001005518.1| Homo sapiens olfactory receptor, family 6, subfamily C, member 65 (OR6C65), mRNA;

gi|53933283|ref|NM\_001005515.1| Homo sapiens olfactory receptor, family 5, subfamily H, member 15 (OR5H15), mRNA;

gi|53933286|ref|NM\_001005517.1| Homo sapiens olfactory receptor, family 5, subfamily K, member 4 (OR5K4), mRNA;

gi|53988384|ref|NM\_032646.5| Homo sapiens tweety homolog 2 (Drosophila) (TTYH2), transcript variant 1, mRNA;

gi|54019429|ref|NM\_001005497.1| Homo sapiens olfactory receptor, family 6, subfamily C, member 75 (OR6C75), mRNA;

gi|54111253|ref|NM\_002996.3| Homo sapiens chemokine (C-X3-C motif) ligand 1 (CX3CL1), mRNA;

gi|54111426|ref|NM\_032932.3| Homo sapiens RAB11 family interacting protein 4 (class II) (RAB11FIP4), mRNA;

gi|54112114|ref|NM\_007165.4| Homo sapiens splicing factor 3a, subunit 2, 66kDa (SF3A2), mRNA;

gi|54112115|ref|NM\_006802.2| Homo sapiens splicing factor 3a, subunit 3, 60kDa (SF3A3), mRNA;

gi|54112116|ref|NM\_012433.2| Homo sapiens splicing factor 3b, subunit 1, 155kDa (SF3B1), transcript variant 1, mRNA;

gi|54112123|ref|NM\_018412.3| Homo sapiens suppression of tumorigenicity 7 (ST7), transcript variant a, mRNA;

gi|54112383|ref|NM\_032145.4| Homo sapiens F-box protein 30 (FBXO30), mRNA;

gi|54112387|ref|NM\_001005738.1| Homo sapiens formyl peptide receptor 2 (FPR2), transcript variant 2, mRNA;

gi|54112389|ref|NM\_000722.2| Homo sapiens calcium channel, voltage-dependent, alpha 2/delta subunit 1 (CACOP2), mRNA;

gi|54112393|ref|NM\_006030.2| Homo sapiens calcium channel, voltage-dependent, alpha 2/delta subunit 1 (CACOP2), mRNA;

gi|54112395|ref|NM\_006615.2| Homo sapiens calpain 9 (CAPN9), transcript variant 1, mRNA; gi|7705382|ref|NM\_001005745.1| Homo sapiens numb homolog (Drosophila) (NUMB), transcript variant 1, mRNA;

gi|54112396|ref|NM\_018398.2| Homo sapiens calcium channel, voltage-dependent, alpha 2/delta subunit 1 (CACOP2), mRNA;

gi|54112404|ref|NM\_007194.3| Homo sapiens checkpoint kinase 2 (CHEK2), transcript variant 1, mRNA; gi|54112408|ref|NM\_019107.3| Homo sapiens chromosome 19 open reading frame 10 (C19orf10), mRNA;

gi|54112419|ref|NM\_170662.3| Homo sapiens Cbl proto-oncogene, E3 ubiquitin protein ligase B (CBLB), mRNA;

gi|54112428|ref|NM\_033407.2| Homo sapiens dedicator of cytokinesis 7 (DOCK7), mRNA;

gi|54112431|ref|NM\_005262.2| Homo sapiens growth factor, augmentor of liver regeneration (GFER), mRNA;

gi|54114987|ref|NM\_003904.3| Homo sapiens zinc finger protein 259 (ZNF259), mRNA;

gi|54124342|ref|NM\_001005751.1| Homo sapiens family with sequence similarity 21, member A (FAM21A), mRNA;

gi|54144628|ref|NM\_001005745.1| Homo sapiens numb homolog (Drosophila) (NUMB), transcript variant 1, mRNA;

gi|54144638|ref|NM\_006469.4| Homo sapiens influenza virus NS1A binding protein (IVNS1ABP), mRNA;

gi|54144649|ref|NM\_002090.2| Homo sapiens chemokine (C-X-C motif) ligand 3 (CXCL3), mRNA;

gi|54144651|ref|NM\_001517.4| Homo sapiens general transcription factor IIH, polypeptide 4, 52kDa (GTF2IIH), mRNA;

gi|54144653|ref|NM\_017821.3| Homo sapiens rhomboid, veinlet-like 2 (Drosophila) (RHBDL2), mRNA;

gi|54145494|ref|NM\_152384.2| Homo sapiens Bardet-Biedl syndrome 5 (BBS5), mRNA;  
 gi|54234004|ref|NM\_016527.2| Homo sapiens hydroxyacid oxidase 2 (long chain) (HAO2), transcript varian  
 gi|54234018|ref|NM\_001537.2| Homo sapiens heat shock factor binding protein 1 (HSBP1), mRNA;  
 gi|54234023|ref|NM\_015289.2| Homo sapiens vacuolar protein sorting 39 homolog (S. cerevisiae) (VPS39),  
 gi|54234039|ref|NM\_001005739.1| Homo sapiens vacuolar protein sorting 54 homolog (S. cerevisiae) (VPS  
 gi|54234056|ref|NM\_001004470.1| Homo sapiens ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransfer  
 gi|54262133|ref|NM\_006944.2| Homo sapiens secreted phosphoprotein 2, 24kDa (SPP2), mRNA;  
 gi|54262137|ref|NM\_018462.4| Homo sapiens BRICK1, SCAR/WAVE actin-nucleating complex subunit (BRK  
 gi|54291713|ref|NM\_001005853.1| Homo sapiens olfactory receptor, family 6, subfamily B, member 2 (OR  
 gi|54292122|ref|NM\_000081.2| Homo sapiens lysosomal trafficking regulator (LYST), mRNA;  
 gi|54312058|ref|NR\_002176.1| Homo sapiens testis-specific transcript, Y-linked 3B (non-protein coding) (T1  
 gi|54312059|ref|NR\_002177.1| Homo sapiens testis-specific transcript, Y-linked 4C (non-protein coding) (T1  
 gi|54312060|ref|NR\_002178.1| Homo sapiens testis-specific transcript, Y-linked 4B (non-protein coding) (T1  
 gi|54312061|ref|NR\_002179.1| Homo sapiens testis-specific transcript, Y-linked 17C (non-protein coding) (T1  
 gi|54312062|ref|NR\_002180.1| Homo sapiens testis-specific transcript, Y-linked 17B (non-protein coding) (T1  
 gi|54312079|ref|NR\_002182.1| Homo sapiens nascent-polypeptide-associated complex alpha polypeptide p  
 gi|54312127|ref|NR\_002181.1| Homo sapiens pancreatic polypeptide 2 (PPY2), non-coding RNA;  
 gi|54400739|ref|NR\_002183.1| Homo sapiens suppression of tumorigenicity 13 (colon carcinoma) (Hsp70 in  
 gi|54400743|ref|NR\_002186.1| Homo sapiens uncharacterized protein DKFZp586I1420 (DKFZP586I1420), n  
 gi|54400748|ref|NM\_001005922.1| Homo sapiens keratin associated protein 5-1 (KRTAP5-1), mRNA;  
 gi|5453548|ref|NM\_006406.1| Homo sapiens peroxiredoxin 4 (PRDX4), mRNA;  
 gi|5453624|ref|NM\_006365.1| Homo sapiens chromosome 1 open reading frame 61 (C1orf61), mRNA;  
 gi|5453639|ref|NM\_006304.1| Homo sapiens split hand/foot malformation (ectrodactyly) type 1 (SHFM1),  
 gi|5453689|ref|NM\_006145.1| Homo sapiens DnaJ (Hsp40) homolog, subfamily B, member 1 (DNAJB1), mR  
 gi|5453773|ref|NM\_006163.1| Homo sapiens nuclear factor (erythroid-derived 2), 45kDa (NFE2), transcript  
 gi|5453827|ref|NM\_006189.1| Homo sapiens olfactory marker protein (OMP), mRNA;  
 gi|5453837|ref|NM\_006396.1| Homo sapiens Sjogren syndrome/scleroderma autoantigen 1 (SSSCA1), mRNA  
 gi|5453935|ref|NM\_006236.1| Homo sapiens POU class 3 homeobox 3 (POU3F3), mRNA;  
 gi|5453977|ref|NM\_006259.1| Homo sapiens protein kinase, cGMP-dependent, type II (PRKG2), mRNA;  
 gi|5454015|ref|NM\_006269.1| Homo sapiens retinitis pigmentosa 1 (autosomal dominant) (RP1), mRNA;  
 gi|5454031|ref|NM\_006271.1| Homo sapiens S100 calcium binding protein A1 (S100A1), mRNA;  
 gi|54607026|ref|NM\_001005619.1| Homo sapiens integrin, beta 4 (ITGB4), transcript variant 2, mRNA; gi|5  
 gi|54607028|ref|NM\_022147.2| Homo sapiens receptor (chemosensory) transporter protein 4 (RTP4), mRN  
 gi|54607052|ref|NM\_006836.1| Homo sapiens GCN1 general control of amino-acid synthesis 1-like 1 (yeast  
 gi|54607055|ref|NM\_001005752.1| Homo sapiens gap junction protein, beta 3, 31kDa (GJB3), transcript va  
 gi|54607073|ref|NM\_001006114.1| Homo sapiens ybeY metalloproteinase (putative) (YBEY), transcript varia  
 gi|54607079|ref|NM\_001871.2| Homo sapiens carboxypeptidase B1 (tissue) (CPB1), mRNA;  
 gi|54607085|ref|NM\_021937.3| Homo sapiens eukaryotic elongation factor, selenocysteine-tRNA-specific (  
 gi|54607087|ref|NM\_004636.2| Homo sapiens sema domain, immunoglobulin domain (Ig), short basic dom  
 gi|54607090|ref|NM\_021627.2| Homo sapiens SUMO1/sentrin/SMT3 specific peptidase 2 (SEN2), mRNA;  
 gi|54607092|ref|NM\_016047.3| Homo sapiens splicing factor 3B, 14 kDa subunit (SF3B14), mRNA;  
 gi|54607105|ref|NM\_001006109.1| Homo sapiens chromosome 3 open reading frame 37 (C3orf37), transc  
 gi|54607107|ref|NM\_031449.3| Homo sapiens zinc finger, MIZ-type containing 2 (ZMIZ2), transcript variant  
 gi|54607117|ref|NM\_015541.2| Homo sapiens leucine-rich repeats and immunoglobulin-like domains 1 (LR  
 gi|54607136|ref|NM\_016388.2| Homo sapiens T cell receptor associated transmembrane adaptor 1 (TRAT1  
 gi|54607138|ref|NM\_015378.2| Homo sapiens vacuolar protein sorting 13 homolog D (S. cerevisiae) (VPS13  
 gi|54607143|ref|NM\_152735.3| Homo sapiens zinc finger and BTB domain containing 9 (ZBTB9), mRNA;

gi|54633316|ref|NM\_015914.5| Homo sapiens thioredoxin domain containing 11 (TXNDC11), mRNA;  
 gi|54792057|ref|NM\_198389.2| Homo sapiens podoplanin (PDPN), transcript variant 2, mRNA; gi|5479206  
 gi|54792066|ref|NM\_001005782.1| Homo sapiens SMT3 suppressor of mif two 3 homolog 1 (S. cerevisiae)  
 gi|54792068|ref|NM\_006937.3| Homo sapiens SMT3 suppressor of mif two 3 homolog 2 (S. cerevisiae) (SU  
 gi|54792072|ref|NM\_153259.2| Homo sapiens mucolipin 2 (MCOLN2), mRNA;  
 gi|54792078|ref|NM\_182904.3| Homo sapiens prolyl 4-hydroxylase, alpha polypeptide III (P4HA3), mRNA;  
 gi|54792079|ref|NM\_002623.3| Homo sapiens prefoldin subunit 4 (PFDN4), mRNA;  
 gi|54792080|ref|NM\_173582.3| Homo sapiens phosphoglucomutase 2-like 1 (PGM2L1), mRNA;  
 gi|54792081|ref|NM\_006218.2| Homo sapiens phosphoinositide-3-kinase, catalytic, alpha polypeptide (PIK  
 gi|54792083|ref|NM\_019091.3| Homo sapiens pleckstrin homology domain containing, family A (phosphoi  
 gi|54792087|ref|NM\_015349.1| Homo sapiens KIAA0240 (KIAA0240), mRNA;  
 gi|54792091|ref|NM\_015251.2| Homo sapiens ATM interactor (ATMIN), mRNA;  
 gi|54792093|ref|NM\_015253.1| Homo sapiens WSC domain containing 1 (WSCD1), mRNA;  
 gi|54792097|ref|NM\_001005862.1| Homo sapiens v-erb-b2 erythroblastic leukemia viral oncogene homolo  
 gi|54792114|ref|NM\_001006631.1| Homo sapiens cholinergic receptor, muscarinic 2 (CHRM2), transcript v  
 gi|54792120|ref|NM\_000740.2| Homo sapiens cholinergic receptor, muscarinic 3 (CHRM3), mRNA;  
 gi|54792128|ref|NM\_080927.3| Homo sapiens discoidin, CUB and LCCL domain containing 2 (DCBLD2), mRI  
 gi|54792134|ref|NM\_014421.2| Homo sapiens dickkopf 2 homolog (Xenopus laevis) (DKK2), mRNA;  
 gi|54792135|ref|NM\_015082.1| Homo sapiens follistatin-like 4 (FSTL4), mRNA;  
 gi|54792139|ref|NM\_016173.3| Homo sapiens HemK methyltransferase family member 1 (HEMK1), mRNA;  
 gi|54792140|ref|NM\_007212.3| Homo sapiens ring finger protein 2 (RNF2), mRNA;  
 gi|54792141|ref|NM\_019845.2| Homo sapiens reprim, TP53 dependent G2 arrest mediator candidate (RP  
 gi|54792144|ref|NM\_012339.3| Homo sapiens tetraspanin 15 (TSPAN15), mRNA;  
 gi|54792145|ref|NM\_033452.2| Homo sapiens tripartite motif containing 47 (TRIM47), mRNA;  
 gi|54792147|ref|NM\_015428.1| Homo sapiens zinc finger protein 473 (ZNF473), transcript variant 1, mRNA  
 gi|54792737|ref|NM\_018960.4| Homo sapiens glycine N-methyltransferase (GNMT), mRNA;  
 gi|54792738|ref|NM\_021796.3| Homo sapiens placenta-specific 1 (PLAC1), mRNA;  
 gi|54792770|ref|NR\_002190.1| Homo sapiens SUMO1 pseudogene 3 (SUMO1P3), non-coding RNA;  
 gi|54792783|ref|NM\_033276.2| Homo sapiens XRCC6 binding protein 1 (XRCC6BP1), mRNA;  
 gi|54859721|ref|NM\_015231.1| Homo sapiens nucleoporin 160kDa (NUP160), mRNA;  
 gi|54860078|ref|NM\_001006634.1| Homo sapiens Rho GTPase activating protein 17 (ARHGAP17), transcrip  
 gi|54873601|ref|NM\_175885.3| Homo sapiens family with sequence similarity 181, member B (FAM181B),  
 gi|54873608|ref|NM\_016604.3| Homo sapiens lysine (K)-specific demethylase 3B (KDM3B), mRNA;  
 gi|54873618|ref|NM\_001006666.1| Homo sapiens apolipoprotein B mRNA editing enzyme, catalytic polype  
 gi|55741472|ref|NM\_020760.1| Homo sapiens HECT, C2 and WW domain containing E3 ubiquitin protein li  
 gi|55741570|ref|NM\_020737.1| Homo sapiens leucine rich repeat and fibronectin type III domain containin  
 gi|55741629|ref|NM\_001007125.1| Homo sapiens chromosome 20 open reading frame 201 (C20orf201), n  
 gi|55741642|ref|NM\_020805.1| Homo sapiens kelch-like 14 (Drosophila) (KLHL14), mRNA;  
 gi|55741644|ref|NM\_133463.1| Homo sapiens archaelysin family metalloproteinase 1 (AMZ1), mRNA;  
 gi|55741674|ref|NM\_014949.2| Homo sapiens KIAA0907 (KIAA0907), mRNA;  
 gi|55741676|ref|NM\_014712.1| Homo sapiens SET domain containing 1A (SETD1A), mRNA;  
 gi|55741867|ref|NM\_020807.1| Homo sapiens zinc finger protein 319 (ZNF319), mRNA;  
 gi|55741873|ref|NM\_001007101.1| Homo sapiens zinc finger protein 484 (ZNF484), transcript variant 2, mI  
 gi|55742694|ref|NM\_018028.2| Homo sapiens sterile alpha motif domain containing 4B (SAMD4B), mRNA;  
 gi|55742729|ref|NM\_020225.1| Homo sapiens storkhead box 2 (STOX2), mRNA;  
 gi|55742735|ref|NM\_144566.1| Homo sapiens zinc finger protein 700 (ZNF700), mRNA;  
 gi|55742773|ref|NM\_001007033.1| Homo sapiens C-type lectin domain family 6, member A (CLEC6A), mRN

gi|55742889|ref|NM\_053282.4| Homo sapiens SH2 domain containing 1B (SH2D1B), mRNA;

gi|55743076|ref|NM\_001005855.1| Homo sapiens ATPase, aminophospholipid transporter, class I, type 8B,

gi|55743079|ref|NM\_001464.3| Homo sapiens ADAM metallopeptidase domain 2 (ADAM2), mRNA;

gi|55743095|ref|NM\_021110.1| Homo sapiens collagen, type XIV, alpha 1 (COL14A1), mRNA;

gi|55743107|ref|NM\_033388.1| Homo sapiens ATG16 autophagy related 16-like 2 (*S. cerevisiae*) (ATG16L2)

gi|55743121|ref|NM\_006744.3| Homo sapiens retinol binding protein 4, plasma (RBP4), mRNA;

gi|55743123|ref|NM\_018372.3| Homo sapiens ligand dependent nuclear receptor interacting factor 1 (LRIF

gi|55743127|ref|NM\_001007073.1| Homo sapiens ribosomal protein L32 (RPL32), transcript variant 2, mRNA

gi|55743131|ref|NM\_006638.2| Homo sapiens ribonuclease P/MRP 40kDa subunit (RPP40), mRNA;

gi|55743133|ref|NM\_001006665.1| Homo sapiens ribosomal protein S6 kinase, 90kDa, polypeptide 1 (RPS6

gi|55743135|ref|NM\_001006932.1| Homo sapiens ribosomal protein S6 kinase, 90kDa, polypeptide 2 (RPS6

gi|55743137|ref|NM\_001006944.1| Homo sapiens ribosomal protein S6 kinase, 90kDa, polypeptide 4 (RPS6

gi|55743146|ref|NM\_001006614.1| Homo sapiens WW domain binding protein 5 (WBP5), transcript varian

gi|55743150|ref|NM\_025132.3| Homo sapiens WD repeat domain 19 (WDR19), mRNA;

gi|55749396|ref|NM\_004780.2| Homo sapiens transcription elongation factor A (SII)-like 1 (TCEAL1), transc

gi|55749430|ref|NM\_001006933.1| Homo sapiens transcription elongation factor A (SII)-like 3 (TCEAL3), tra

gi|55749441|ref|NM\_001006935.1| Homo sapiens transcription elongation factor A (SII)-like 4 (TCEAL4), tra

gi|55749465|ref|NM\_001006684.1| Homo sapiens transcription elongation factor A (SII)-like 8 (TCEAL8), tra

gi|55749522|ref|NM\_001007070.1| Homo sapiens syndecan binding protein (syntenin) (SDCBP), transcript

gi|55749530|ref|NM\_006842.2| Homo sapiens splicing factor 3b, subunit 2, 145kDa (SF3B2), mRNA;

gi|55749543|ref|NM\_014631.2| Homo sapiens SH3 and PX domains 2A (SH3PXD2A), mRNA;

gi|55749588|ref|NM\_014037.2| Homo sapiens solute carrier family 6, member 16 (SLC6A16), mRNA;

gi|55749599|ref|NM\_032451.1| Homo sapiens spire homolog 2 (*Drosophila*) (SPIRE2), mRNA;

gi|55749620|ref|NM\_015549.1| Homo sapiens pleckstrin homology domain containing, family G (with RhoC

gi|55749643|ref|NM\_015054.1| Homo sapiens UHRF1 binding protein 1-like (UHRF1BP1L), transcript varian

gi|55749666|ref|NM\_014653.2| Homo sapiens WSC domain containing 2 (WSCD2), mRNA;

gi|55749677|ref|NM\_025176.4| Homo sapiens ninein-like (NINL), mRNA;

gi|55749714|ref|NM\_020776.1| Homo sapiens KIAA1328 (KIAA1328), mRNA;

gi|55749725|ref|NM\_020782.1| Homo sapiens kelch domain containing 5 (KLHDC5), mRNA;

gi|55749741|ref|NM\_019024.1| Homo sapiens HEAT repeat containing 5B (HEATR5B), mRNA;

gi|55749757|ref|NM\_173602.2| Homo sapiens DIP2 disco-interacting protein 2 homolog B (*Drosophila*) (DII

gi|55749788|ref|NM\_024820.2| Homo sapiens DENN/MADD domain containing 1A (DENND1A), transcript v

gi|55749803|ref|NM\_024896.2| Homo sapiens endoplasmic reticulum metallopeptidase 1 (ERMP1), mRNA;

gi|55749880|ref|NM\_003677.3| Homo sapiens density-regulated protein (DENR), mRNA;

gi|55749931|ref|NM\_001927.3| Homo sapiens desmin (DES), mRNA;

gi|55750040|ref|NM\_001940.3| Homo sapiens atrophin 1 (ATN1), transcript variant 2, mRNA; gi|55750052

gi|55769532|ref|NM\_002583.2| Homo sapiens PRKC, apoptosis, WT1, regulator (PAWR), mRNA;

gi|55769540|ref|NM\_024060.2| Homo sapiens AHNAK nucleoprotein (AHNAK), transcript variant 2, mRNA;

gi|55769542|ref|NM\_032111.2| Homo sapiens mitochondrial ribosomal protein L14 (MRPL14), nuclear gen

gi|55769545|ref|NM\_017906.2| Homo sapiens PAK1 interacting protein 1 (PAK1IP1), mRNA;

gi|55769551|ref|NM\_001722.2| Homo sapiens polymerase (RNA) III (DNA directed) polypeptide D, 44kDa (I

gi|55769553|ref|NM\_015053.1| Homo sapiens protein tyrosine phosphatase, receptor type, f polypeptide (

gi|55769555|ref|NM\_033089.6| Homo sapiens zinc finger, CCHC domain containing 3 (ZCCHC3), mRNA;

gi|55769560|ref|NM\_001007088.1| Homo sapiens zinc finger protein 182 (ZNF182), transcript variant 2, m

gi|55769563|ref|NM\_003439.1| Homo sapiens zinc finger with KRAB and SCAN domains 1 (ZKSCAN1), mRN

gi|55769571|ref|NM\_001007072.1| Homo sapiens zinc finger and SCAN domain containing 2 (ZSCAN2), tra

gi|55769582|ref|NM\_006346.2| Homo sapiens progesterone immunomodulatory binding factor 1 (PIBF1), r



gi|55769586|ref|NM\_003703.1| Homo sapiens NOP14 nucleolar protein homolog (yeast) (NOP14), mRNA;  
 gi|55769588|ref|NM\_018426.1| Homo sapiens transmembrane protein 63B (TMEM63B), mRNA;  
 gi|55770829|ref|NM\_003655.2| Homo sapiens chromobox homolog 4 (CBX4), mRNA;  
 gi|55770831|ref|NM\_001802.1| Homo sapiens cerebellar degeneration-related protein 2, 62kDa (CDR2), m  
 gi|55770833|ref|NM\_016343.3| Homo sapiens centromere protein F, 350/400kDa (mitosin) (CENPF), mRNA;  
 gi|55770835|ref|NM\_016002.2| Homo sapiens saccharopine dehydrogenase (putative) (SCCPDH), mRNA;  
 gi|55770841|ref|NM\_000567.2| Homo sapiens C-reactive protein, pentraxin-related (CRP), mRNA;  
 gi|55770843|ref|NM\_001903.2| Homo sapiens catenin (cadherin-associated protein), alpha 1, 102kDa (CTN  
 gi|55770853|ref|NM\_000835.3| Homo sapiens glutamate receptor, ionotropic, N-methyl D-aspartate 2C (G  
 gi|55770855|ref|NM\_001007024.1| Homo sapiens golgi SNAP receptor complex member 1 (GOSR1), transc  
 gi|55770859|ref|NM\_152380.2| Homo sapiens T-box 15 (TBX15), mRNA;  
 gi|55770861|ref|NM\_003235.4| Homo sapiens thyroglobulin (TG), mRNA;  
 gi|55770865|ref|NM\_182541.2| Homo sapiens transmembrane protein 31 (TMEM31), mRNA;  
 gi|55770873|ref|NM\_001007189.1| Homo sapiens IgA-inducing protein homolog (Bos taurus) (IGIP), mRNA  
 gi|55770875|ref|NM\_004557.3| Homo sapiens notch 4 (NOTCH4), mRNA;  
 gi|55770881|ref|NM\_003770.4| Homo sapiens keratin 37 (KRT37), mRNA;  
 gi|55770883|ref|NM\_016172.2| Homo sapiens UBA domain containing 1 (UBAC1), mRNA;  
 gi|55770896|ref|NM\_014882.2| Homo sapiens Rho GTPase activating protein 25 (ARHGAP25), transcript va  
 gi|55770899|ref|NM\_018321.3| Homo sapiens BRX1, biogenesis of ribosomes, homolog (S. cerevisiae) (BRI  
 gi|55770901|ref|NM\_024576.3| Homo sapiens opioid growth factor receptor-like 1 (OGFRL1), mRNA;  
 gi|55770905|ref|NM\_020196.2| Homo sapiens XPA binding protein 2 (XAB2), mRNA;  
 gi|55774976|ref|NM\_020526.3| Homo sapiens EPH receptor A8 (EPHA8), transcript variant 1, mRNA; gi|55  
 gi|55774978|ref|NM\_004444.4| Homo sapiens EPH receptor B4 (EPHB4), mRNA;  
 gi|55774979|ref|NM\_006818.3| Homo sapiens myeloid/lymphoid or mixed-lineage leukemia (trithorax hon  
 gi|55774983|ref|NM\_015660.2| Homo sapiens GTPase, IMAP family member 2 (GIMAP2), mRNA;  
 gi|55774985|ref|NM\_153236.3| Homo sapiens GTPase, IMAP family member 7 (GIMAP7), mRNA;  
 gi|55775471|ref|NM\_004271.3| Homo sapiens lymphocyte antigen 86 (LY86), mRNA;  
 gi|55775474|ref|NM\_194326.2| Homo sapiens ribosomal protein S19 binding protein 1 (RPS19BP1), mRNA;  
 gi|5579451|ref|NM\_004929.2| Homo sapiens calbindin 1, 28kDa (CALB1), mRNA;  
 gi|55925575|ref|NM\_000597.2| Homo sapiens insulin-like growth factor binding protein 2, 36kDa (IGFBP2),  
 gi|55925577|ref|NM\_002348.2| Homo sapiens lymphocyte antigen 9 (LY9), transcript variant 1, mRNA; gi|7  
 gi|55925592|ref|NM\_001007249.1| Homo sapiens olfactory receptor, family 8, subfamily G, member 2 (OR  
 gi|55925607|ref|NM\_014851.2| Homo sapiens kelch-like 21 (Drosophila) (KLHL21), mRNA;  
 gi|55925611|ref|NM\_001007232.1| Homo sapiens caspase recruitment domain family, member 17 (CARD1  
 gi|55925646|ref|NM\_001757.2| Homo sapiens carbonyl reductase 1 (CBR1), mRNA;  
 gi|55925648|ref|NM\_003161.2| Homo sapiens ribosomal protein S6 kinase, 70kDa, polypeptide 1 (RPS6KB1  
 gi|55925649|ref|NM\_080390.3| Homo sapiens transcription elongation factor A (SII)-like 2 (TCEAL2), mRNA  
 gi|55925655|ref|NM\_032758.3| Homo sapiens PHD finger protein 5A (PHF5A), mRNA;  
 gi|55925656|ref|NM\_002854.2| Homo sapiens parvalbumin (PVALB), mRNA;  
 gi|55925657|ref|NM\_002997.4| Homo sapiens syndecan 1 (SDC1), transcript variant 2, mRNA; gi|55749479  
 gi|55925658|ref|NM\_002998.3| Homo sapiens syndecan 2 (SDC2), mRNA;  
 gi|55925659|ref|NM\_005067.5| Homo sapiens siah E3 ubiquitin protein ligase 2 (SIAH2), mRNA;  
 gi|55928826|ref|NM\_015516.3| Homo sapiens tsukushi small leucine rich proteoglycan homolog (Xenopus  
 gi|55953070|ref|NM\_024707.2| Homo sapiens gem (nuclear organelle) associated protein 7 (GEMIN7), trar  
 gi|55953077|ref|NM\_175571.2| Homo sapiens GTPase, IMAP family member 8 (GIMAP8), mRNA;  
 gi|55953080|ref|NM\_001007241.1| Homo sapiens glycoprotein 2 (zymogen granule membrane) (GP2), trar  
 gi|55953086|ref|NM\_012341.2| Homo sapiens GTP binding protein 4 (GTPBP4), mRNA;

gi|55953094|ref|NM\_206948.2| Homo sapiens transient receptor potential cation channel, subfamily M, m

gi|55953101|ref|NM\_001007466.1| Homo sapiens tubby like protein 4 (TULP4), transcript variant 2, mRNA;

gi|55953116|ref|NM\_003952.2| Homo sapiens ribosomal protein S6 kinase, 70kDa, polypeptide 2 (RPS6KB2

gi|55953118|ref|NM\_006477.3| Homo sapiens RAS-like, family 10, member A (RASL10A), transcript variant

gi|55953121|ref|NM\_015705.4| Homo sapiens small G protein signaling modulator 3 (SGSM3), mRNA;

gi|55953126|ref|NM\_001007464.1| Homo sapiens RWD domain containing 1 (RWDD1), transcript variant 3

gi|55953132|ref|NM\_001542.2| Homo sapiens immunoglobulin superfamily, member 3 (IGSF3), transcript v

gi|55953136|ref|NM\_002163.2| Homo sapiens interferon regulatory factor 8 (IRF8), mRNA;

gi|55956765|ref|NM\_004879.3| Homo sapiens etoposide induced 2.4 mRNA (EI24), transcript variant 1, mF

gi|55956785|ref|NM\_001007467.1| Homo sapiens Sfi1 homolog, spindle assembly associated (yeast) (SFI1)

gi|55956787|ref|NM\_005381.2| Homo sapiens nucleolin (NCL), mRNA;

gi|55956800|ref|NM\_001007468.1| Homo sapiens SWI/SNF related, matrix associated, actin dependent reg

gi|55956886|ref|NM\_019601.3| Homo sapiens sushi domain containing 2 (SUSD2), mRNA;

gi|55956897|ref|NM\_015935.4| Homo sapiens methyltransferase like 13 (METTL13), transcript variant 1, m

gi|55956903|ref|NM\_005922.2| Homo sapiens mitogen-activated protein kinase kinase kinase 4 (MAP3K4),

gi|55956909|ref|NM\_002430.2| Homo sapiens meningioma (disrupted in balanced translocation) 1 (MN1),

gi|55956913|ref|NM\_004997.2| Homo sapiens myosin binding protein H (MYBPH), mRNA;

gi|55956918|ref|NM\_031266.2| Homo sapiens heterogeneous nuclear ribonucleoprotein A/B (HNRNPAB), t

gi|55956922|ref|NM\_000524.2| Homo sapiens 5-hydroxytryptamine (serotonin) receptor 1A, G protein-co

gi|55956926|ref|NM\_017436.4| Homo sapiens alpha 1,4-galactosyltransferase (A4GALT), mRNA;

gi|56090145|ref|NM\_001005920.2| Homo sapiens jumonji domain containing 8 (JMJD8), mRNA;

gi|56090508|ref|NM\_001007544.1| Homo sapiens chromosome 1 open reading frame 186 (C1orf186), mRf

gi|56090522|ref|NM\_001007538.1| Homo sapiens shisa homolog 2 (Xenopus laevis) (SHISA2), mRNA;

gi|56090526|ref|NM\_001006118.2| Homo sapiens RNA binding motif protein, Y-linked, family 1, member E

gi|56090528|ref|NM\_001006117.2| Homo sapiens RNA binding motif protein, Y-linked, family 1, member J

gi|56090532|ref|NM\_001006120.2| Homo sapiens RNA binding motif protein, Y-linked, family 1, member D

gi|56090547|ref|NM\_001007563.1| Homo sapiens insulin-like growth factor binding protein-like 1 (IGFBPL1

gi|56090585|ref|NM\_001007524.1| Homo sapiens coagulation factor VIII-associated 3 (F8A3), mRNA;

gi|56090587|ref|NM\_001007523.1| Homo sapiens coagulation factor VIII-associated 2 (F8A2), mRNA;

gi|56090617|ref|NM\_001007530.1| Homo sapiens CMT1A duplicated region transcript 15 (CDRT15), mRNA

gi|56090619|ref|NM\_001007531.1| Homo sapiens NFkB activating protein-like (NKAPL), mRNA;

gi|56117821|ref|NM\_001007273.1| Homo sapiens dual specificity phosphatase 13 (DUSP13), transcript var

gi|56117833|ref|NM\_001007230.1| Homo sapiens speckle-type POZ protein (SPOP), transcript variant 5, m

gi|56117843|ref|NM\_005637.2| Homo sapiens synovial sarcoma translocation, chromosome 18 (SS18), tra

gi|56118209|ref|NM\_001007792.1| Homo sapiens neurotrophic tyrosine kinase, receptor, type 1 (NTRK1),

gi|56118213|ref|NM\_007146.2| Homo sapiens vascular endothelial zinc finger 1 (VEZF1), mRNA;

gi|56118218|ref|NM\_001007225.1| Homo sapiens insulin-like growth factor 2 mRNA binding protein 2 (IGF

gi|56118220|ref|NM\_019043.3| Homo sapiens amyloid beta (A4) precursor protein-binding, family B, mem

gi|56118233|ref|NM\_181716.2| Homo sapiens centromere protein V (CENPV), mRNA;

gi|56118253|ref|NM\_144680.2| Homo sapiens zinc finger protein 18 (ZNF18), mRNA;

gi|56119109|ref|NM\_014883.2| Homo sapiens family with sequence similarity 13, member A (FAM13A), tra

gi|56119169|ref|NM\_002982.3| Homo sapiens chemokine (C-C motif) ligand 2 (CCL2), mRNA;

gi|56119170|ref|NM\_006090.3| Homo sapiens choline/ethanolamine phosphotransferase 1 (CEPT1), transc

gi|56121814|ref|NM\_030957.2| Homo sapiens ADAM metalloproteinase with thrombospondin type 1 motif

gi|56121816|ref|NM\_001353.5| Homo sapiens aldo-keto reductase family 1, member C1 (dihydrodiol dehy

gi|56121820|ref|NM\_004056.4| Homo sapiens carbonic anhydrase VIII (CA8), mRNA;

gi|56181385|ref|NM\_025218.2| Homo sapiens UL16 binding protein 1 (ULBP1), mRNA;

gi|56181386|ref|NM\_005861.2| Homo sapiens STIP1 homology and U-box containing protein 1, E3 ubiquitin ligase, mRNA;

gi|56237020|ref|NM\_032447.3| Homo sapiens fibrillin 3 (FBN3), mRNA;

gi|56237028|ref|NM\_002205.2| Homo sapiens integrin, alpha 5 (fibronectin receptor, alpha polypeptide) (ITGA5), mRNA;

gi|56237030|ref|NM\_002419.3| Homo sapiens mitogen-activated protein kinase kinase kinase 11 (MAP3K11), mRNA;

gi|56237031|ref|NM\_006770.3| Homo sapiens macrophage receptor with collagenous structure (MARCO), mRNA;

gi|56243494|ref|NM\_004586.2| Homo sapiens ribosomal protein S6 kinase, 90kDa, polypeptide 3 (RPS6KA3), mRNA;

gi|56243532|ref|NM\_022044.2| Homo sapiens stromal cell-derived factor 2-like 1 (SDF2L1), mRNA;

gi|56243550|ref|NM\_000349.2| Homo sapiens steroidogenic acute regulatory protein (STAR), nuclear gene, mRNA;

gi|56243582|ref|NM\_024100.3| Homo sapiens WD repeat domain 18 (WDR18), mRNA;

gi|56243598|ref|NM\_020779.3| Homo sapiens WD repeat domain 35 (WDR35), transcript variant 2, mRNA;

gi|56549110|ref|NM\_001008213.1| Homo sapiens optineurin (OPTN), transcript variant 4, mRNA; gi|565500032|ref|NM\_001005336.1| Homo sapiens dynamin 1 (DNM1), transcript variant 2, mRNA; gi|565500034|ref|NM\_001008529.1| Homo sapiens matrix-remodelling associated 7 (MXRA7), transcript variant 1, mRNA;

gi|56549138|ref|NM\_001008273.1| Homo sapiens transgelin 3 (TAGLN3), transcript variant 3, mRNA; gi|565500036|ref|NM\_012288.3| Homo sapiens translocation associated membrane protein 2 (TRAM2), mRNA;

gi|56549142|ref|NM\_003141.3| Homo sapiens tripartite motif containing 21 (TRIM21), mRNA;

gi|56549635|ref|NM\_001008491.1| Homo sapiens septin 2 (SEPT2), transcript variant 1, mRNA; gi|56549637|ref|NM\_005969.3| Homo sapiens nucleosome assembly protein 1-like 4 (NAP1L4), mRNA;

gi|56549646|ref|NM\_057175.3| Homo sapiens N(alpha)-acetyltransferase 15, NatA auxiliary subunit (NAA15), mRNA;

gi|56549647|ref|NM\_002501.2| Homo sapiens nuclear factor I/X (CCAAT-binding transcription factor) (NFIX), mRNA;

gi|56549648|ref|NM\_001008221.1| Homo sapiens amylase, alpha 1A (salivary) (AMY1A), transcript variant 1, mRNA;

gi|56549659|ref|NM\_001008218.1| Homo sapiens amylase, alpha 1B (salivary) (AMY1B), mRNA;

gi|56549661|ref|NM\_001008219.1| Homo sapiens amylase, alpha 1C (salivary) (AMY1C), mRNA;

gi|56549663|ref|NM\_152641.2| Homo sapiens AT rich interactive domain 2 (ARID, RFX-like) (ARID2), mRNA;

gi|56549667|ref|NM\_006628.4| Homo sapiens cAMP-regulated phosphoprotein, 19kDa (ARPP19), mRNA;

gi|56549669|ref|NM\_001008486.1| Homo sapiens solute carrier family 41, member 3 (SLC41A3), transcript variant 1, mRNA;

gi|56549674|ref|NM\_005808.2| Homo sapiens CTD (carboxy-terminal domain, RNA polymerase II, polypeptide 2) (CTD), mRNA;

gi|56549680|ref|NM\_014170.2| Homo sapiens GTP-binding protein 8 (putative) (GTPBP8), transcript variant 1, mRNA;

gi|56549684|ref|NM\_018212.4| Homo sapiens enabled homolog (Drosophila) (ENAH), transcript variant 2, mRNA;

gi|56549692|ref|NM\_018130.2| Homo sapiens SHQ1 homolog (S. cerevisiae) (SHQ1), mRNA;

gi|56550032|ref|NM\_016206.2| Homo sapiens vestigial like 3 (Drosophila) (VGLL3), mRNA;

gi|56550034|ref|NM\_022739.3| Homo sapiens SMAD specific E3 ubiquitin protein ligase 2 (SMURF2), mRNA;

gi|56550041|ref|NM\_007159.2| Homo sapiens sarcolemma associated protein (SLMAP), mRNA;

gi|56550042|ref|NM\_001008224.1| Homo sapiens uveal autoantigen with coiled-coil domains and ankyrin repeat domains (UAA), mRNA;

gi|56550046|ref|NM\_001008389.1| Homo sapiens uromodulin (UMOD), transcript variant 2, mRNA; gi|56550048|ref|NM\_001008390.1| Homo sapiens CGG triplet repeat binding protein 1 (CGGBP1), transcript variant 1, mRNA;

gi|56550054|ref|NM\_001008220.1| Homo sapiens complexin 2 (CPLX2), transcript variant 2, mRNA; gi|56550056|ref|NM\_020393.2| Homo sapiens peptidoglycan recognition protein 4 (PGLYRP4), mRNA;

gi|56550064|ref|NM\_080879.2| Homo sapiens RAB40A, member RAS oncogene family (RAB40A), mRNA;

gi|56550072|ref|NM\_022090.3| Homo sapiens chromosome 5 open reading frame 54 (C5orf54), mRNA;

gi|56550076|ref|NM\_001005404.3| Homo sapiens yippee-like 2 (Drosophila) (YPEL2), mRNA;

gi|56550084|ref|NM\_007157.3| Homo sapiens zinc finger, X-linked, duplicated B (ZXDB), mRNA;

gi|56550087|ref|NM\_020978.3| Homo sapiens amylase, alpha 2B (pancreatic) (AMY2B), mRNA;

gi|56550088|ref|NM\_017521.2| Homo sapiens FEV (ETS oncogene family) (FEV), mRNA;

gi|56550089|ref|NM\_005590.3| Homo sapiens MRE11 meiotic recombination 11 homolog A (S. cerevisiae) (MRE11A), mRNA;

gi|56550100|ref|NM\_005966.3| Homo sapiens NGFI-A binding protein 1 (EGR1 binding protein 1) (NAB1), mRNA;

gi|56550101|ref|NM\_006491.2| Homo sapiens neuro-oncological ventral antigen 1 (NOVA1), transcript variant 1, mRNA;

gi|56550117|ref|NM\_002903.2| Homo sapiens recoverin (RCVRN), mRNA;

gi|56550118|ref|NM\_002908.2| Homo sapiens v-rel reticuloendotheliosis viral oncogene homolog (avian) (l

gi|56550119|ref|NM\_017619.3| Homo sapiens RNA-binding region (RNP1, RRM) containing 3 (RNPC3), mRNA;

gi|56550122|ref|NM\_000113.2| Homo sapiens torsin family 1, member A (torsin A) (TOR1A), mRNA;

gi|56550123|ref|NM\_016327.2| Homo sapiens ureidopropionase, beta (UPB1), mRNA;

gi|56605683|ref|NM\_001008404.1| Homo sapiens chromosome 14 open reading frame 180 (C14orf180), n

gi|56605984|ref|NR\_002193.1| Homo sapiens RNA binding motif protein, Y-linked, family 2, member F pse

gi|56606060|ref|NM\_013337.2| Homo sapiens translocase of inner mitochondrial membrane 22 homolog (

gi|56606113|ref|NM\_001008536.1| Homo sapiens trichohyalin-like 1 (TCHHL1), mRNA;

gi|56606132|ref|NM\_001008237.1| Homo sapiens tetratricopeptide repeat domain 32 (TTC32), mRNA;

gi|56606141|ref|NM\_001008223.1| Homo sapiens complement component 1, q subcomponent-like 4 (C1Q

gi|56676309|ref|NM\_002601.2| Homo sapiens phosphodiesterase 6D, cGMP-specific, rod, delta (PDE6D), n

gi|56676310|ref|NM\_138294.2| Homo sapiens prostate and testis expressed 1 (PATE1), mRNA;

gi|56676313|ref|NM\_002568.3| Homo sapiens poly(A) binding protein, cytoplasmic 1 (PABPC1), mRNA;

gi|56676315|ref|NM\_153451.2| Homo sapiens oral cancer overexpressed 1 (ORAOV1), mRNA;

gi|56676316|ref|NM\_005004.2| Homo sapiens NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 8, 1

gi|56676319|ref|NM\_020347.2| Homo sapiens leucine zipper transcription factor-like 1 (LZTFL1), mRNA;

gi|56676320|ref|NM\_022165.2| Homo sapiens lin-7 homolog B (C. elegans) (LIN7B), mRNA;

gi|56676325|ref|NM\_173852.3| Homo sapiens keratinocyte associated protein 2 (KRTCAP2), mRNA;

gi|56676328|ref|NM\_005836.2| Homo sapiens heat-responsive protein 12 (HRSP12), mRNA;

gi|56676332|ref|NM\_032414.2| Homo sapiens prokineticin 1 (PROK1), mRNA;

gi|56676333|ref|NM\_138300.3| Homo sapiens pygopus homolog 2 (Drosophila) (PYGO2), mRNA;

gi|56676336|ref|NM\_015686.2| Homo sapiens family with sequence similarity 155, member B (FAM155B),

gi|56676368|ref|NM\_031412.2| Homo sapiens GABA(A) receptor-associated protein like 1 (GABARAPL1), m

gi|56676369|ref|NM\_019058.2| Homo sapiens DNA-damage-inducible transcript 4 (DDIT4), mRNA;

gi|56676370|ref|NM\_013291.2| Homo sapiens cleavage and polyadenylation specific factor 1, 160kDa (CPS

gi|56676373|ref|NM\_001299.4| Homo sapiens calponin 1, basic, smooth muscle (CNN1), mRNA;

gi|56676376|ref|NM\_015964.2| Homo sapiens tubulin polymerization-promoting protein family member 3

gi|56676378|ref|NM\_016004.2| Homo sapiens intraflagellar transport 52 homolog (Chlamydomonas) (IFT5

gi|56676383|ref|NM\_020154.2| Homo sapiens chromosome 15 open reading frame 24 (C15orf24), mRNA;

gi|56676386|ref|NM\_007364.2| Homo sapiens transmembrane emp24 protein transport domain containin

gi|56676388|ref|NM\_024948.2| Homo sapiens family with sequence similarity 188, member A (FAM188A),

gi|56676392|ref|NM\_001175.4| Homo sapiens Rho GDP dissociation inhibitor (GDI) beta (ARHGDIB), mRNA

gi|56676395|ref|NM\_015193.3| Homo sapiens activity-regulated cytoskeleton-associated protein (ARC), ml

gi|56676398|ref|NM\_014064.2| Homo sapiens methyltransferase like 11A (METTL11A), mRNA;

gi|56682937|ref|NM\_001008534.1| Homo sapiens A kinase (PRKA) anchor protein 14 (AKAP14), transcript v

gi|56682941|ref|NM\_006480.4| Homo sapiens regulator of G-protein signaling 14 (RGS14), mRNA;

gi|56682942|ref|NM\_130782.2| Homo sapiens regulator of G-protein signaling 18 (RGS18), mRNA;

gi|56682943|ref|NM\_002922.3| Homo sapiens regulator of G-protein signaling 1 (RGS1), mRNA;

gi|56682948|ref|NM\_001006683.1| Homo sapiens spindlin family, member 2B (SPIN2B), transcript variant :

gi|56682951|ref|NM\_001981.2| Homo sapiens epidermal growth factor receptor pathway substrate 15 (EP

gi|56682954|ref|NM\_005058.2| Homo sapiens RNA binding motif protein, Y-linked, family 1, member A1 (R

gi|56682958|ref|NM\_002032.2| Homo sapiens ferritin, heavy polypeptide 1 (FTH1), mRNA;

gi|56682960|ref|NM\_000146.3| Homo sapiens ferritin, light polypeptide (FTL), mRNA;

gi|56682967|ref|NM\_153609.2| Homo sapiens transmembrane protease, serine 6 (TMPRSS6), mRNA;

gi|56682968|ref|NM\_003281.3| Homo sapiens troponin I type 1 (skeletal, slow) (TNNI1), mRNA;

gi|56682970|ref|NM\_016272.3| Homo sapiens transducer of ERBB2, 2 (TOB2), mRNA;

gi|56699406|ref|NM\_001006642.1| Homo sapiens solute carrier family 25 (mitochondrial carrier; phosphat  
 gi|56699410|ref|NM\_018656.2| Homo sapiens solute carrier family 35, member E3 (SLC35E3), mRNA;  
 gi|56699421|ref|NM\_080864.2| Homo sapiens relaxin 3 (RLN3), mRNA;  
 gi|56699460|ref|NM\_022716.2| Homo sapiens paired related homeobox 1 (PRRX1), transcript variant pmx-  
 gi|56699462|ref|NM\_003595.3| Homo sapiens tyrosylprotein sulfotransferase 2 (TPST2), transcript variant  
 gi|56699472|ref|NM\_006298.2| Homo sapiens zinc finger protein 192 (ZNF192), mRNA;  
 gi|56699474|ref|NM\_003455.2| Homo sapiens zinc finger protein 202 (ZNF202), mRNA;  
 gi|56699476|ref|NM\_020371.2| Homo sapiens apoptosis, caspase activation inhibitor (AVEN), mRNA;  
 gi|56699479|ref|NM\_015622.5| Homo sapiens CCZ1 vacuolar protein trafficking and biogenesis associated  
 gi|56699481|ref|NM\_015475.3| Homo sapiens family with sequence similarity 98, member A (FAM98A), m  
 gi|56699483|ref|NM\_019037.2| Homo sapiens exosome component 4 (EXOSC4), mRNA;  
 gi|56699489|ref|NM\_014028.3| Homo sapiens osteopetrosis associated transmembrane protein 1 (OSTM1  
 gi|56699493|ref|NM\_003179.2| Homo sapiens synaptophysin (SYP), mRNA;  
 gi|56699494|ref|NM\_006103.3| Homo sapiens WAP four-disulfide core domain 2 (WFDC2), mRNA;  
 gi|56711319|ref|NM\_001001872.2| Homo sapiens chromosome 14 open reading frame 37 (C14orf37), mR  
 gi|56786135|ref|NM\_183061.1| Homo sapiens solute carrier family 9, subfamily C (Na<sup>+</sup>-transporting carbo  
 gi|56786137|ref|NM\_000619.2| Homo sapiens interferon, gamma (IFNG), mRNA;  
 gi|56786140|ref|NM\_014473.2| Homo sapiens DIM1 dimethyladenosine transferase 1 homolog (S. cerevisi  
 gi|56786141|ref|NM\_016633.2| Homo sapiens alpha hemoglobin stabilizing protein (AHSP), mRNA;  
 gi|56786143|ref|NM\_017823.3| Homo sapiens dual specificity phosphatase 23 (DUSP23), mRNA;  
 gi|56786145|ref|NM\_152516.2| Homo sapiens copper metabolism (Murr1) domain containing 1 (COMMD1  
 gi|56786146|ref|NM\_001801.2| Homo sapiens cysteine dioxygenase, type I (CDO1), mRNA;  
 gi|56786152|ref|NM\_178508.3| Homo sapiens chromosome 6 open reading frame 1 (C6orf1), transcript va  
 gi|56788348|ref|NM\_030573.2| Homo sapiens THAP domain containing 7 (THAP7), transcript variant 1, mR  
 gi|56788354|ref|NM\_012143.2| Homo sapiens tuftelin interacting protein 11 (TFIP11), transcript variant 2,  
 gi|56788357|ref|NM\_020243.4| Homo sapiens translocase of outer mitochondrial membrane 22 homolog (l  
 gi|56788363|ref|NM\_020461.3| Homo sapiens tubulin, gamma complex associated protein 6 (TUBGCP6), r  
 gi|56788369|ref|NM\_012455.2| Homo sapiens pleckstrin and Sec7 domain containing 4 (PSD4), mRNA;  
 gi|56788371|ref|NM\_020401.2| Homo sapiens nucleoporin 107kDa (NUP107), mRNA;  
 gi|56788372|ref|NM\_138285.3| Homo sapiens nucleoporin 35kDa (NUP35), mRNA;  
 gi|56788376|ref|NM\_001008564.1| Homo sapiens nucleoporin like 1 (NUPL1), transcript variant 2, mRNA; {  
 gi|56788404|ref|NM\_001006619.1| Homo sapiens mitogen-activated protein kinase associated protein 1 (P  
 gi|56790298|ref|NM\_002779.3| Homo sapiens pleckstrin and Sec7 domain containing (PSD), mRNA;  
 gi|56790896|ref|NM\_001007527.1| Homo sapiens LMBR1 domain containing 2 (LMBRD2), mRNA;  
 gi|56790915|ref|NM\_020903.2| Homo sapiens ubiquitin specific peptidase 29 (USP29), mRNA;  
 gi|56790918|ref|NM\_031965.2| Homo sapiens germ cell associated 2 (haspin) (GSG2), mRNA;  
 gi|56790926|ref|NM\_001008540.1| Homo sapiens chemokine (C-X-C motif) receptor 4 (CXCR4), transcript \n  
 gi|56790929|ref|NM\_004434.2| Homo sapiens echinoderm microtubule associated protein like 1 (EML1), tr  
 gi|56790933|ref|NM\_012151.3| Homo sapiens coagulation factor VIII-associated 1 (F8A1), mRNA;  
 gi|56790934|ref|NM\_033088.2| Homo sapiens family with sequence similarity 40, member A (FAM40A), m  
 gi|56790938|ref|NM\_012419.4| Homo sapiens regulator of G-protein signaling 17 (RGS17), mRNA;  
 gi|56806674|ref|NM\_001008739.1| Homo sapiens chromosome 6 open reading frame 226 (C6orf226), mR  
 gi|56806676|ref|NM\_001008737.1| Homo sapiens uncharacterized LOC401052 (LOC401052), mRNA;  
 gi|56847615|ref|NM\_001007537.1| Homo sapiens C1q and tumor necrosis factor related protein 9B (C1QT  
 gi|56847625|ref|NM\_001008743.1| Homo sapiens sulfotransferase family, cytosolic, 1C, member 3 (SULT1  
 gi|56847629|ref|NM\_001008269.1| Homo sapiens transmembrane protein 89 (TMEM89), mRNA;  
 gi|56847633|ref|NM\_001008747.1| Homo sapiens CTAGE family, member 15, pseudogene (CTAGE15P), mF

gi|56912190|ref|NR\_002201.1| Homo sapiens ferritin, heavy polypeptide 1 pseudogene 3 (FTH1P3), non-co  
 gi|56912197|ref|NM\_001008783.1| Homo sapiens solute carrier family 35, member D3 (SLC35D3), mRNA;  
 gi|56912201|ref|NM\_001008778.1| Homo sapiens speedy homolog C (Xenopus laevis) (SPDYC), mRNA;  
 gi|56961679|ref|NM\_001008723.1| Homo sapiens coiled-coil domain containing 147 (CCDC147), mRNA;  
 gi|57013275|ref|NM\_006082.2| Homo sapiens tubulin, alpha 1b (TUBA1B), mRNA;  
 gi|57117774|ref|NR\_001554.2| Homo sapiens chondroitin sulfate proteoglycan 4 pseudogene 1, Y-linked (C  
 gi|57164943|ref|NM\_032433.2| Homo sapiens zinc finger protein 333 (ZNF333), mRNA;  
 gi|57164944|ref|NM\_003154.2| Homo sapiens statherin (STATH), transcript variant 1, mRNA; gi|57164945  
 gi|57164947|ref|NM\_006345.3| Homo sapiens solute carrier family 30 (zinc transporter), member 9 (SLC30  
 gi|57164958|ref|NM\_020193.3| Homo sapiens chromosome 11 open reading frame 30 (C11orf30), mRNA;  
 gi|57164967|ref|NM\_006867.2| Homo sapiens RNA binding protein with multiple splicing (RBPMS), transcri  
 gi|57165351|ref|NM\_001009183.1| Homo sapiens gem (nuclear organelle) associated protein 2 (GEMIN2),  
 gi|57165356|ref|NM\_012302.2| Homo sapiens latrophilin 2 (LPHN2), mRNA;  
 gi|57165358|ref|NM\_001008726.1| Homo sapiens WD repeat domain 89 (WDR89), transcript variant 1, mF  
 gi|57165363|ref|NM\_001008901.1| Homo sapiens gametocyte specific factor 1-like (GTSF1L), transcript var  
 gi|57165365|ref|NM\_021184.3| Homo sapiens chromosome 6 open reading frame 47 (C6orf47), mRNA;  
 gi|57165372|ref|NM\_000837.1| Homo sapiens glutamate receptor, ionotropic, N-methyl D-aspartate-associ  
 gi|57165413|ref|NM\_024105.3| Homo sapiens asparagine-linked glycosylation 12, alpha-1,6-mannosyltran  
 gi|57165417|ref|NM\_005776.2| Homo sapiens cornichon homolog (Drosophila) (CNIH), mRNA;  
 gi|57165422|ref|NM\_003589.2| Homo sapiens cullin 4A (CUL4A), transcript variant 2, mRNA; gi|57165423|  
 gi|57165431|ref|NM\_001008801.1| Homo sapiens zinc finger protein 468 (ZNF468), transcript variant 2, mI  
 gi|57165437|ref|NM\_003370.3| Homo sapiens vasodilator-stimulated phosphoprotein (VASP), mRNA;  
 gi|57222268|ref|NM\_001009565.1| Homo sapiens cyclin-dependent kinase-like 4 (CDKL4), mRNA;  
 gi|57222564|ref|NM\_001009552.1| Homo sapiens protein phosphatase 2, catalytic subunit, beta isozyme (I  
 gi|57222566|ref|NM\_002715.2| Homo sapiens protein phosphatase 2, catalytic subunit, alpha isozyme (PPI  
 gi|57222569|ref|NM\_138477.2| Homo sapiens congenital dyserythropoietic anemia, type I (CDAN1), mRNA  
 gi|57232739|ref|NM\_005468.2| Homo sapiens N-acetylated alpha-linked acidic dipeptidase-like 1 (NAALAD  
 gi|57232741|ref|NM\_199461.2| Homo sapiens nanos homolog 1 (Drosophila) (NANOS1), mRNA;  
 gi|57232757|ref|NM\_207327.4| Homo sapiens chromosome 22 open reading frame 40 (C22orf40), mRNA;  
 gi|57232758|ref|NM\_001008494.1| Homo sapiens intestine-specific homeobox (ISX), mRNA;  
 gi|57242756|ref|NM\_001009566.1| Homo sapiens calyntenin 1 (CLSTN1), transcript variant 1, mRNA; gi|572  
 gi|57242758|ref|NM\_018191.3| Homo sapiens regulator of chromosome condensation (RCC1) and BTB (PO  
 gi|57242760|ref|NM\_003804.3| Homo sapiens receptor (TNFRSF)-interacting serine-threonine kinase 1 (RIF  
 gi|57242762|ref|NM\_178568.2| Homo sapiens reticulon 4 receptor-like 1 (RTN4RL1), mRNA;  
 gi|57242767|ref|NM\_152571.2| Homo sapiens chromosome 9 open reading frame 163 (C9orf163), mRNA;  
 gi|57242768|ref|NM\_178351.3| Homo sapiens late cornified envelope 1C (LCE1C), mRNA;  
 gi|57242769|ref|NM\_178428.3| Homo sapiens late cornified envelope 2A (LCE2A), mRNA;  
 gi|57242770|ref|NM\_178429.2| Homo sapiens late cornified envelope 2C (LCE2C), mRNA;  
 gi|57242771|ref|NM\_178430.2| Homo sapiens late cornified envelope 2D (LCE2D), mRNA;  
 gi|57242772|ref|NM\_018655.2| Homo sapiens lens epithelial protein (LENEP), mRNA;  
 gi|57242775|ref|NM\_014732.2| Homo sapiens KIAA0513 (KIAA0513), mRNA;  
 gi|57242781|ref|NM\_005962.4| Homo sapiens MAX interactor 1 (MXI1), transcript variant 1, mRNA; gi|572  
 gi|57242789|ref|NM\_018945.3| Homo sapiens phosphodiesterase 7B (PDE7B), mRNA;  
 gi|57242791|ref|NM\_005883.2| Homo sapiens adenomatosis polyposis coli 2 (APC2), mRNA;  
 gi|57242794|ref|NM\_003870.3| Homo sapiens IQ motif containing GTPase activating protein 1 (IQGAP1), m  
 gi|57242795|ref|NM\_006618.3| Homo sapiens lysine (K)-specific demethylase 5B (KDM5B), mRNA;  
 gi|57242799|ref|NM\_001009568.1| Homo sapiens sphingomyelin phosphodiesterase, acid-like 3B (SMPDL3

gi|57242802|ref|NM\_178435.2| Homo sapiens late cornified envelope 3E (LCE3E), mRNA;

gi|57242803|ref|NM\_018319.3| Homo sapiens tyrosyl-DNA phosphodiesterase 1 (TDP1), transcript variant

gi|5729795|ref|NM\_006668.1| Homo sapiens cytochrome P450, family 46, subfamily A, polypeptide 1 (CYP

gi|5729906|ref|NM\_006552.1| Homo sapiens secretoglobin, family 1D, member 1 (SCGB1D1), mRNA;

gi|5729959|ref|NM\_006637.1| Homo sapiens olfactory receptor, family 5, subfamily I, member 1 (OR5I1), r

gi|5730020|ref|NM\_006511.1| Homo sapiens regulatory solute carrier protein, family 1, member 1 (RSC1A:

gi|5730022|ref|NM\_006666.1| Homo sapiens RuvB-like 2 (E. coli) (RUVBL2), mRNA;

gi|5730026|ref|NM\_006559.1| Homo sapiens KH domain containing, RNA binding, signal transduction assoc

gi|5730072|ref|NM\_006558.1| Homo sapiens KH domain containing, RNA binding, signal transduction assoc

gi|5730105|ref|NM\_006564.1| Homo sapiens chemokine (C-X-C motif) receptor 6 (CXCR6), mRNA;

gi|57528065|ref|NM\_001004195.2| Homo sapiens olfactory receptor, family 4, subfamily F, member 4 (OR

gi|57528100|ref|NM\_001009610.1| Homo sapiens family with sequence similarity 22, member D (FAM22D

gi|57528436|ref|NM\_001009812.1| Homo sapiens ladybird homeobox 2 (LBX2), mRNA;

gi|57529130|ref|NM\_015060.1| Homo sapiens AVL9 homolog (S. cerevisiae) (AVL9), mRNA;

gi|57529736|ref|NM\_015009.1| Homo sapiens PDZ domain containing ring finger 3 (PDZRN3), mRNA;

gi|57634513|ref|NM\_001009615.1| Homo sapiens SPANX family, member N2 (SPANXN2), mRNA;

gi|57634529|ref|NM\_001005218.1| Homo sapiens olfactory receptor, family 5, subfamily B, member 21 (O

gi|57634535|ref|NM\_015155.1| Homo sapiens La ribonucleoprotein domain family, member 4B (LARP4B), l

gi|57634537|ref|NM\_003089.4| Homo sapiens small nuclear ribonucleoprotein 70kDa (U1) (SNRNP70), mR

gi|57770467|ref|NM\_001009905.1| Homo sapiens UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltran

gi|57862814|ref|NR\_002196.1| Homo sapiens H19, imprinted maternally expressed transcript (non-protein

gi|57863252|ref|NM\_021646.1| Homo sapiens zinc finger protein 500 (ZNF500), mRNA;

gi|57863258|ref|NM\_001008897.1| Homo sapiens t-complex 1 (TCP1), transcript variant 2, mRNA; gi|5786

gi|57863272|ref|NM\_001009814.1| Homo sapiens KIAA0564 (KIAA0564), transcript variant 2, mRNA; gi|57

gi|57863280|ref|NM\_020160.1| Homo sapiens Meis homeobox 3 (MEIS3), transcript variant 1, mRNA; gi|5'

gi|57863284|ref|NM\_024070.3| Homo sapiens poliovirus receptor related immunoglobulin domain contain

gi|57863286|ref|NM\_006570.4| Homo sapiens Ras-related GTP binding A (RRAGA), mRNA;

gi|57863294|ref|NM\_001009880.1| Homo sapiens KIAA0930 (KIAA0930), transcript variant 2, mRNA; gi|57

gi|57863296|ref|NM\_003311.3| Homo sapiens pleckstrin homology-like domain, family A, member 2 (PHLC

gi|57863302|ref|NM\_004645.2| Homo sapiens coilin (COIL), mRNA;

gi|57863303|ref|NM\_015525.2| Homo sapiens inhibitor of Bruton agammaglobulinemia tyrosine kinase (IB'

gi|57863305|ref|NM\_052872.3| Homo sapiens interleukin 17F (IL17F), mRNA;

gi|57863308|ref|NM\_014359.3| Homo sapiens opticin (OPTC), mRNA;

gi|57863309|ref|NM\_012447.2| Homo sapiens stromal antigen 3 (STAG3), mRNA;

gi|57863313|ref|NM\_017966.4| Homo sapiens vacuolar protein sorting 37 homolog C (S. cerevisiae) (VPS37

gi|57864581|ref|NM\_001009931.1| Homo sapiens hornerin (HRNR), mRNA;

gi|57977304|ref|NM\_194251.2| Homo sapiens G protein-coupled receptor 151 (GPR151), mRNA;

gi|58000460|ref|NM\_001009992.1| Homo sapiens zinc finger protein 648 (ZNF648), mRNA;

gi|58000464|ref|NM\_001009994.1| Homo sapiens ripply2 homolog (zebrafish) (RIPPLY2), mRNA;

gi|5803065|ref|NM\_006863.1| Homo sapiens leukocyte immunoglobulin-like receptor, subfamily A (with TI

gi|5803186|ref|NM\_006755.1| Homo sapiens transaldolase 1 (TALDO1), mRNA;

gi|58082084|ref|NM\_001010853.1| Homo sapiens peptidase M20 domain containing 2 (PM20D2), mRNA;

gi|58082086|ref|NM\_001010857.1| Homo sapiens late cornified envelope-like proline-rich 1 (LELP1), mRN

gi|58082088|ref|NM\_001010860.1| Homo sapiens sterile alpha motif domain containing 15 (SAMD15), mR

gi|58197569|ref|NM\_001010876.1| Homo sapiens transmembrane protein 244 (TMEM244), mRNA;

gi|58197571|ref|NM\_001010878.1| Homo sapiens chromosome 16 open reading frame 91 (C16orf91), mR

gi|58218965|ref|NM\_178542.3| Homo sapiens chromosome 17 open reading frame 65 (C17orf65), mRNA;

gi|58218967|ref|NM\_005184.2| Homo sapiens calmodulin 3 (phosphorylase kinase, delta) (CALM3), mRNA;

gi|58218974|ref|NM\_001010912.1| Homo sapiens chromosome 10 open reading frame 120 (C10orf120), mRNA;

gi|58218976|ref|NM\_198573.2| Homo sapiens energy homeostasis associated (ENHO), mRNA;

gi|58219011|ref|NM\_001010897.1| Homo sapiens stress-associated endoplasmic reticulum protein family 1 (STAREP1), mRNA;

gi|58219023|ref|NM\_001010905.1| Homo sapiens chromosome 6 open reading frame 58 (C6orf58), mRNA;

gi|58219031|ref|NM\_001010907.1| Homo sapiens chromosome 9 open reading frame 153 (C9orf153), mRNA;

gi|58219055|ref|NM\_212554.2| Homo sapiens methyltransferase like 10 (METTL10), mRNA;

gi|58219540|ref|NM\_001010940.1| Homo sapiens chromosome 9 open reading frame 135 (C9orf135), mRNA;

gi|58293778|ref|NM\_001010977.1| Homo sapiens methyltransferase like 21C (METTL21C), mRNA;

gi|58293780|ref|NM\_001010979.1| Homo sapiens chromosome 1 open reading frame 189 (C1orf189), mRNA;

gi|58294156|ref|NM\_005819.4| Homo sapiens syntaxin 6 (STX6), mRNA;

gi|58294159|ref|NM\_017843.3| Homo sapiens breast carcinoma amplified sequence 4 (BCAS4), transcript variant 1, mRNA;

gi|58331103|ref|NM\_175876.3| Homo sapiens exocyst complex component 8 (EXOC8), mRNA;

gi|58331104|ref|NM\_032018.4| Homo sapiens chromosome 1 open reading frame 124 (C1orf124), transcript variant 1, mRNA;

gi|58331123|ref|NM\_001009925.1| Homo sapiens transmembrane protein 230 (TMEM230), transcript variant 1, mRNA;

gi|58331143|ref|NM\_175922.3| Homo sapiens proline rich 18 (PRR18), mRNA;

gi|58331147|ref|NM\_005940.3| Homo sapiens matrix metalloproteinase 11 (stromelysin 3) (MMP11), mRNA;

gi|58331149|ref|NM\_016640.3| Homo sapiens mitochondrial ribosomal protein S30 (MRPS30), nuclear gene, mRNA;

gi|58331162|ref|NM\_001009936.1| Homo sapiens PHD finger protein 19 (PHF19), transcript variant 2, mRNA;

gi|58331169|ref|NM\_001762.3| Homo sapiens chaperonin containing TCP1, subunit 6A (zeta 1) (CCT6A), transcript variant 1, mRNA;

gi|58331176|ref|NM\_001009959.1| Homo sapiens ermin, ERM-like protein (ERMN), transcript variant 1, mRNA;

gi|58331178|ref|NM\_025251.1| Homo sapiens Rho GTPase activating protein 39 (ARHGAP39), mRNA;

gi|58331181|ref|NM\_015626.8| Homo sapiens WD repeat and SOCS box containing 1 (WSB1), transcript variant 1, mRNA;

gi|58331192|ref|NM\_005781.4| Homo sapiens tyrosine kinase, non-receptor, 2 (TNK2), transcript variant 1, mRNA;

gi|58331200|ref|NM\_002884.2| Homo sapiens RAP1A, member of RAS oncogene family (RAP1A), transcript variant 1, mRNA;

gi|58331203|ref|NM\_020724.1| Homo sapiens ring finger protein 150 (RNF150), mRNA;

gi|58331210|ref|NM\_015849.2| Homo sapiens chymotrypsin-like elastase family, member 2B (CELA2B), mRNA;

gi|58331212|ref|NM\_007352.2| Homo sapiens chymotrypsin-like elastase family, member 3B (CELA3B), mRNA;

gi|58331215|ref|NM\_020469.2| Homo sapiens ABO blood group (transferase A, alpha 1-3-N-acetylgalactosyltransferase), mRNA;

gi|58331223|ref|NM\_018446.2| Homo sapiens glycosyltransferase 8 domain containing 1 (GLT8D1), transcript variant 1, mRNA;

gi|58331227|ref|NM\_005223.3| Homo sapiens deoxyribonuclease I (DNASE1), mRNA;

gi|58331228|ref|NM\_001375.2| Homo sapiens deoxyribonuclease II, lysosomal (DNASE2), mRNA;

gi|58331229|ref|NM\_001009996.1| Homo sapiens DALR anticodon binding domain containing 3 (DALRD3), mRNA;

gi|58331232|ref|NM\_012073.3| Homo sapiens chaperonin containing TCP1, subunit 5 (epsilon) (CCT5), mRNA;

gi|58331233|ref|NM\_000074.2| Homo sapiens CD40 ligand (CD40LG), mRNA;

gi|58331234|ref|NM\_022481.5| Homo sapiens ArfGAP with RhoGAP domain, ankyrin repeat and PH domain, mRNA;

gi|58331236|ref|NM\_018431.3| Homo sapiens docking protein 5 (DOK5), mRNA;

gi|58331239|ref|NM\_014375.2| Homo sapiens fetuin B (FETUB), mRNA;

gi|58331241|ref|NM\_025135.2| Homo sapiens formin homology 2 domain containing 3 (FHOD3), mRNA;

gi|58331244|ref|NM\_013445.3| Homo sapiens glutamate decarboxylase 1 (brain, 67kDa) (GAD1), transcript variant 1, mRNA;

gi|58331247|ref|NM\_015259.4| Homo sapiens inducible T-cell co-stimulator ligand (ICOSLG), mRNA;

gi|58331252|ref|NM\_052843.2| Homo sapiens obscurin, cytoskeletal calmodulin and titin-interacting RhoGAP domain containing 1 (OBSN1), mRNA;

gi|58331257|ref|NM\_024061.3| Homo sapiens zinc finger protein 655 (ZNF655), transcript variant 2, mRNA;

gi|58331265|ref|NM\_030581.3| Homo sapiens WD repeat domain 59 (WDR59), mRNA;

gi|58331267|ref|NM\_017669.2| Homo sapiens excision repair cross-complementing rodent repair deficiency and xeroderma pigmentosum group C (XP-C) protein (XPB), mRNA;

gi|58374127|ref|NM\_014691.2| Homo sapiens aquarius homolog (mouse) (AQR), mRNA;

gi|58386719|ref|NM\_002557.3| Homo sapiens oviductal glycoprotein 1, 120kDa (OVGP1), mRNA;



gi|58430810|ref|NM\_148912.2| Homo sapiens abhydrolase domain containing 11 (ABHD11), nuclear gene

gi|58430943|ref|NM\_001009933.1| Homo sapiens deoxyribonuclease I-like 1 (DNASE1L1), transcript variant

gi|58530841|ref|NM\_001008844.1| Homo sapiens desmoplakin (DSP), transcript variant 2, mRNA; gi|58530843|ref|NM\_003461.4| Homo sapiens zyxin (ZYG), transcript variant 1, mRNA; gi|58530844|ref|NM\_001008844.1| Homo sapiens desmoplakin (DSP), transcript variant 2, mRNA; gi|58530846|ref|NM\_006870.3| Homo sapiens destrin (actin depolymerizing factor) (DSTN), transcript variant

gi|58530849|ref|NM\_001972.2| Homo sapiens elastase, neutrophil expressed (ELANE), mRNA;

gi|58530858|ref|NM\_001010990.1| Homo sapiens homocysteine-inducible, endoplasmic reticulum stress-inducible (HSP70B), mRNA;

gi|58530861|ref|NM\_001006115.2| Homo sapiens inositol hexakisphosphate kinase 1 (IP6K1), transcript variant

gi|58530868|ref|NM\_001011549.1| Homo sapiens melanoma antigen family A, 4 (MAGEA4), transcript variant

gi|58530877|ref|NM\_177456.2| Homo sapiens melanoma antigen family C, 3 (MAGEC3), transcript variant

gi|58530878|ref|NM\_022149.4| Homo sapiens melanoma antigen family F, 1 (MAGEF1), mRNA;

gi|58530880|ref|NM\_004675.2| Homo sapiens DIRAS family, GTP-binding RAS-like 3 (DIRAS3), mRNA;

gi|58530881|ref|NM\_000455.4| Homo sapiens serine/threonine kinase 11 (STK11), mRNA;

gi|58530882|ref|NM\_014045.3| Homo sapiens low density lipoprotein receptor-related protein 10 (LRP10), mRNA;

gi|58530884|ref|NM\_020310.2| Homo sapiens MAX binding protein (MNT), mRNA;

gi|58530885|ref|NM\_001570.3| Homo sapiens interleukin-1 receptor-associated kinase 2 (IRAK2), mRNA;

gi|58530887|ref|NM\_017811.3| Homo sapiens ubiquitin-conjugating enzyme E2R 2 (UBE2R2), mRNA;

gi|58532582|ref|NM\_017824.4| Homo sapiens membrane-associated ring finger (C3HC4) 5 (MARCH5), mRNA;

gi|58533169|ref|NM\_001010932.1| Homo sapiens hepatocyte growth factor (hepatopoietin A; scatter factor) (HGF), mRNA;

gi|58535452|ref|NM\_001011649.1| Homo sapiens CDK5 regulatory subunit associated protein 2 (CDK5RAP2), mRNA;

gi|58652123|ref|NR\_002217.1| Homo sapiens PMS2 C-terminal like pseudogene (PMS2CL), non-coding RNA;

gi|58743315|ref|NM\_001011717.1| Homo sapiens neuromedin S (NMS), mRNA;

gi|58743318|ref|NM\_001011719.1| Homo sapiens arylsulfatase family, member H (ARSH), mRNA;

gi|58743322|ref|NM\_001011718.1| Homo sapiens XK, Kell blood group complex subunit-related family, member 1 (XK), mRNA;

gi|58743324|ref|NM\_001011720.1| Homo sapiens XK, Kell blood group complex subunit-related family, member 2 (XK), mRNA;

gi|58761491|ref|NM\_018125.3| Homo sapiens Rho guanine nucleotide exchange factor (GEF) 10-like (ARHGAP10), mRNA;

gi|58761495|ref|NM\_001011724.1| Homo sapiens heterogeneous nuclear ribonucleoprotein A1-like 2 (HNRNPA1), mRNA;

gi|58761501|ref|NM\_001011708.1| Homo sapiens Olg1-like ATPase 1 (OLA1), transcript variant 2, mRNA; gi|58761503|ref|NM\_033417.1| Homo sapiens HAUS augmin-like complex, subunit 8 (HAUS8), transcript variant

gi|58761507|ref|NM\_177401.4| Homo sapiens midnolin (MIDN), mRNA;

gi|58761509|ref|NM\_024640.3| Homo sapiens yrdC domain containing (E. coli) (YRDC), nuclear gene encoded by E. coli

gi|58761511|ref|NM\_001011667.1| Homo sapiens coiled-coil-helix-coiled-coil-helix domain containing 7 (CCHC7), mRNA;

gi|58761526|ref|NM\_018181.4| Homo sapiens zinc finger protein 532 (ZNF532), mRNA;

gi|58761527|ref|NM\_003785.3| Homo sapiens P antigen family, member 1 (prostate associated) (PAGE1), mRNA;

gi|58761533|ref|NM\_152903.4| Homo sapiens kelch repeat and BTB (POZ) domain containing 6 (KBTBD6), mRNA;

gi|58761534|ref|NM\_053042.2| Homo sapiens zinc finger protein 518B (ZNF518B), mRNA;

gi|58761536|ref|NM\_032424.1| Homo sapiens Myb/SANT-like DNA-binding domain containing 4 with coiled-coil domain (MYB4), mRNA;

gi|58761538|ref|NM\_002258.2| Homo sapiens killer cell lectin-like receptor subfamily B, member 1 (KLRB1), mRNA;

gi|58761542|ref|NM\_030806.3| Homo sapiens chromosome 1 open reading frame 21 (C1orf21), mRNA;

gi|58761547|ref|NM\_032538.1| Homo sapiens tau tubulin kinase 1 (TTBK1), mRNA;

gi|58801558|ref|NM\_001010908.1| Homo sapiens complement component 1, q subcomponent-like 3 (C1QA), mRNA;

gi|58866694|ref|NM\_173619.2| Homo sapiens C-type lectin domain family 18, member C (CLEC18C), mRNA;

gi|5901979|ref|NM\_007031.1| Homo sapiens heat shock transcription factor 2 binding protein (HSF2BP), mRNA;

gi|5902003|ref|NM\_006983.1| Homo sapiens matrix metalloproteinase 23B (MMP23B), mRNA;

gi|5902033|ref|NM\_007062.1| Homo sapiens PWP1 homolog (S. cerevisiae) (PWP1), mRNA;

gi|5902105|ref|NM\_006942.1| Homo sapiens SRY (sex determining region Y)-box 15 (SOX15), mRNA;

gi|5921998|ref|NM\_006483.1| Homo sapiens dual-specificity tyrosine-(Y)-phosphorylation regulated kinase

gi|59676586|ref|NM\_001012276.1| Homo sapiens PRAME family member 8 (PRAMEF8), mRNA;

gi|59676592|ref|NM\_001012277.1| Homo sapiens PRAME family member 7 (PRAMEF7), mRNA;

gi|59709426|ref|NM\_052898.1| Homo sapiens XK, Kell blood group complex subunit-related family, member 1 (XK), mRNA;

gi|59709435|ref|NM\_207381.2| Homo sapiens tumor necrosis factor, alpha-induced protein 8-like 3 (TNFAIP8), mRNA;

gi|59709757|ref|NM\_001012267.1| Homo sapiens centromere protein P (CENPP), mRNA;

gi|59710084|ref|NM\_139170.2| Homo sapiens chromosome 16 open reading frame 71 (C16orf71), mRNA;

gi|59710088|ref|NM\_032574.2| Homo sapiens dpy-30 homolog (C. elegans) (DPY30), mRNA;

gi|59710092|ref|NM\_153834.3| Homo sapiens G protein-coupled receptor 112 (GPR112), mRNA;

gi|59710094|ref|NM\_000830.3| Homo sapiens glutamate receptor, ionotropic, kainate 1 (GRIK1), transcript variant 1, mRNA;

gi|59710102|ref|NM\_006315.4| Homo sapiens polycomb group ring finger 3 (PCGF3), mRNA;

gi|59710106|ref|NM\_021632.3| Homo sapiens zinc finger protein 350 (ZNF350), mRNA;

gi|59797062|ref|NM\_001010844.1| Homo sapiens interleukin-1 receptor-associated kinase 1 binding protein 1 (IRAK1BP1), mRNA;

gi|59799165|ref|NM\_001012300.1| Homo sapiens microspherule protein 1 (MCRS1), transcript variant 2, mRNA;

gi|59806340|ref|NM\_000060.2| Homo sapiens biotinidase (BTD), mRNA;

gi|59806341|ref|NM\_007015.2| Homo sapiens leukocyte cell derived chemotaxin 1 (LECT1), transcript variant 1, mRNA;

gi|59806344|ref|NM\_002302.2| Homo sapiens leukocyte cell-derived chemotaxin 2 (LECT2), mRNA;

gi|59806356|ref|NM\_012390.3| Homo sapiens submaxillary gland androgen regulated protein 3A (SMR3A), mRNA;

gi|59806358|ref|NM\_006011.3| Homo sapiens ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 1 (ST8SIA1), mRNA;

gi|59814019|ref|NM\_025238.3| Homo sapiens BTB (POZ) domain containing 1 (BTBD1), transcript variant 1, mRNA;

gi|59814163|ref|NM\_017797.3| Homo sapiens BTB (POZ) domain containing 2 (BTBD2), mRNA;

gi|59814587|ref|NM\_006217.3| Homo sapiens serpin peptidase inhibitor, clade I (pancypin), member 2 (SERPINB2), mRNA;

gi|59814661|ref|NM\_001564.2| Homo sapiens inhibitor of growth family, member 2 (ING2), mRNA;

gi|59814831|ref|NM\_198448.2| Homo sapiens regenerating islet-derived 3 gamma (REG3G), transcript variant 1, mRNA;

gi|59814903|ref|NM\_006998.3| Homo sapiens secretagoin, EF-hand calcium binding protein (SCGN), mRNA;

gi|59823630|ref|NM\_145290.2| Homo sapiens G protein-coupled receptor 125 (GPR125), mRNA;

gi|59850750|ref|NM\_001012320.1| Homo sapiens zinc finger protein 302 (ZNF302), transcript variant 2, mRNA;

gi|59853224|ref|NM\_001206.2| Homo sapiens Kruppel-like factor 9 (KLF9), mRNA;

gi|59853351|ref|NM\_015460.2| Homo sapiens myosin VIIA and Rab interacting protein (MYRIP), mRNA;

gi|59853424|ref|NM\_018234.2| Homo sapiens STEAP family member 3, metalloreductase (STEAP3), transcript variant 1, mRNA;

gi|59858534|ref|NM\_182536.2| Homo sapiens gastrophilin 2 (GKN2), mRNA;

gi|59858805|ref|NM\_178815.3| Homo sapiens ADP-ribosylation factor-like 5B (ARL5B), mRNA;

gi|59859877|ref|NM\_001168.2| Homo sapiens baculoviral IAP repeat containing 5 (BIRC5), transcript variant 1, mRNA;

gi|59889554|ref|NM\_001012329.1| Homo sapiens catenin, beta interacting protein 1 (CTNNBIP1), transcript variant 1, mRNA;

gi|59889569|ref|NM\_007006.2| Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 2 (NUDX2), mRNA;

gi|59889570|ref|NM\_173536.3| Homo sapiens gamma-aminobutyric acid (GABA) A receptor, gamma 1 (GABRG1), mRNA;

gi|59889572|ref|NM\_016065.3| Homo sapiens mitochondrial ribosomal protein S16 (MRPS16), nuclear gene, mRNA;

gi|59889577|ref|NM\_016246.2| Homo sapiens hydroxysteroid (17-beta) dehydrogenase 14 (HSD17B14), mRNA;

gi|59891408|ref|NM\_001012337.1| Homo sapiens rhophilin associated tail protein 1B (ROPN1B), mRNA;

gi|59894794|ref|NM\_002391.3| Homo sapiens midkine (neurite growth-promoting factor 2) (MDK), transcript variant 1, mRNA;

gi|59938775|ref|NM\_001011666.1| Homo sapiens cAMP responsive element binding protein 5 (CREB5), transcript variant 1, mRNA;

gi|59938777|ref|NM\_001460.2| Homo sapiens flavin containing monooxygenase 2 (non-functional) (FMO2), mRNA;

gi|59938783|ref|NM\_147223.2| Homo sapiens nuclear receptor coactivator 1 (NCOA1), transcript variant 2, mRNA;

gi|59938787|ref|NM\_032160.2| Homo sapiens dermatan sulfate epimerase-like (DSEL), mRNA;

gi|59939899|ref|NM\_001012393.1| Homo sapiens opioid binding protein/cell adhesion molecule-like (OPCL), mRNA;

gi|59958358|ref|NM\_001012288.1| Homo sapiens cytokine receptor-like factor 2 (CRLF2), transcript variant 1, mRNA;

gi|6005759|ref|NM\_007275.1| Homo sapiens tumor suppressor candidate 2 (TUSC2), mRNA;

gi|6005763|ref|NM\_007278.1| Homo sapiens GABA(A) receptor-associated protein (GABARAP), mRNA;

gi|6005771|ref|NM\_007223.1| Homo sapiens G protein-coupled receptor 176 (GPR176), mRNA;  
 gi|6005793|ref|NM\_007213.1| Homo sapiens PRA1 domain family, member 2 (PRAF2), mRNA;  
 gi|6005955|ref|NM\_007240.1| Homo sapiens dual specificity phosphatase 12 (DUSP12), mRNA;  
 gi|6006022|ref|NM\_002377.2| Homo sapiens MAS1 oncogene (MAS1), mRNA;  
 gi|6006039|ref|NM\_003951.2| Homo sapiens solute carrier family 25 (mitochondrial carrier, brain), member 1 (SLC25A25), mRNA;  
 gi|60097901|ref|NM\_002016.1| Homo sapiens filaggrin (FLG), mRNA;  
 gi|60099477|ref|NM\_001012416.1| Homo sapiens keratin associated protein 5-6 (KRTAP5-6), mRNA;  
 gi|60115722|ref|NM\_001012421.1| Homo sapiens ankyrin repeat domain 20 family, member A2 (ANKRD20A2), mRNA;  
 gi|60115826|ref|NM\_016369.3| Homo sapiens claudin 18 (CLDN18), transcript variant 1, mRNA; gi|60115827|ref|NM\_016369.3| Homo sapiens claudin 18 (CLDN18), transcript variant 2, mRNA;  
 gi|60218900|ref|NM\_001012425.1| Homo sapiens chromosome 1 open reading frame 146 (C1orf146), mRNA;  
 gi|60218911|ref|NM\_013336.3| Homo sapiens Sec61 alpha 1 subunit (S. cerevisiae) (SEC61A1), mRNA;  
 gi|60218912|ref|NM\_001007214.1| Homo sapiens calcyclin binding protein (CACYPB), transcript variant 2, mRNA;  
 gi|60223082|ref|NM\_001008226.1| Homo sapiens family with sequence similarity 154, member B (FAM154B), mRNA;  
 gi|60279264|ref|NM\_001012456.1| Homo sapiens Sec61 gamma subunit (SEC61G), transcript variant 2, mRNA;  
 gi|60279266|ref|NM\_007279.2| Homo sapiens U2 small nuclear RNA auxiliary factor 2 (U2AF2), transcript variant 1, mRNA;  
 gi|60279649|ref|NM\_178491.2| Homo sapiens R3H domain containing-like (R3HDDL), mRNA;  
 gi|60279696|ref|NM\_001012503.1| Homo sapiens keratin associated protein 5-7 (KRTAP5-7), mRNA;  
 gi|60302911|ref|NM\_001012514.1| Homo sapiens integral membrane protein 2C (ITM2C), transcript variant 1, mRNA;  
 gi|6031190|ref|NM\_002634.2| Homo sapiens prohibitin (PHB), mRNA;  
 gi|60460919|ref|NM\_001012419.1| Homo sapiens ankyrin repeat domain 20 family, member A3 (ANKRD20A3), mRNA;  
 gi|60498970|ref|NM\_031268.4| Homo sapiens 3-phosphoinositide dependent protein kinase-1 (PDPK1), transcript variant 1, mRNA;  
 gi|60498972|ref|NM\_015025.2| Homo sapiens myelin transcription factor 1-like (MYT1L), mRNA;  
 gi|60498974|ref|NM\_005958.3| Homo sapiens melatonin receptor 1A (MTNR1A), mRNA;  
 gi|60498977|ref|NM\_032048.2| Homo sapiens elastin microfibril interfacer 2 (EMILIN2), mRNA;  
 gi|60498981|ref|NM\_001158.3| Homo sapiens amine oxidase, copper containing 2 (retina-specific) (AOC2), mRNA;  
 gi|60498988|ref|NM\_001012426.1| Homo sapiens forkhead box P4 (FOXP4), transcript variant 1, mRNA; gi|60498989|ref|NM\_001012426.1| Homo sapiens forkhead box P4 (FOXP4), transcript variant 2, mRNA;  
 gi|60498993|ref|NM\_002087.2| Homo sapiens granulin (GRN), mRNA;  
 gi|60499000|ref|NM\_016518.2| Homo sapiens pipecolic acid oxidase (PIPOX), mRNA;  
 gi|60499005|ref|NM\_004287.3| Homo sapiens golgi SNAP receptor complex member 2 (GOSR2), transcript variant 1, mRNA;  
 gi|60592763|ref|NM\_001010859.1| Homo sapiens chromosome 22 open reading frame 42 (C22orf42), mRNA;  
 gi|60593037|ref|NM\_001012709.1| Homo sapiens keratin associated protein 5-4 (KRTAP5-4), mRNA;  
 gi|60593039|ref|NM\_001012710.1| Homo sapiens keratin associated protein 5-10 (KRTAP5-10), mRNA;  
 gi|60593055|ref|NM\_176677.1| Homo sapiens NHL repeat containing 4 (NHLRC4), mRNA;  
 gi|60593078|ref|NR\_002221.1| Homo sapiens divergent-paired related homeobox pseudogene 4 (DPRXP4), non-coding RNA;  
 gi|60593083|ref|NR\_002222.1| Homo sapiens arginine-fifty homeobox pseudogene 2 (ARGFXP2), non-coding RNA;  
 gi|60685230|ref|NM\_001010854.1| Homo sapiens tetratricopeptide repeat domain 7B (TTC7B), mRNA;  
 gi|61097911|ref|NM\_138400.1| Homo sapiens nucleolar protein with MIF4G domain 1 (NOM1), mRNA;  
 gi|61098048|ref|NM\_003094.2| Homo sapiens small nuclear ribonucleoprotein polypeptide E (SNRPE), mRNA;  
 gi|61102720|ref|NM\_001010890.1| Homo sapiens PRAME family member 9 (PRAMEF9), mRNA;  
 gi|61102722|ref|NM\_001009608.1| Homo sapiens chromosome 20 open reading frame 94 (C20orf94), mRNA;  
 gi|61102726|ref|NM\_015315.3| Homo sapiens La ribonucleoprotein domain family, member 1 (LARP1), transcript variant 1, mRNA;  
 gi|61175212|ref|NR\_002224.1| Homo sapiens ADAM metalloproteinase domain 6 (pseudogene) (ADAM6), non-coding RNA;  
 gi|61175216|ref|NM\_001012970.1| Homo sapiens chromosome 1 open reading frame 100 (C1orf100), mRNA;  
 gi|61175221|ref|NM\_001012973.1| Homo sapiens placenta-specific 9 (PLAC9), mRNA;  
 gi|61175226|ref|NM\_001012975.1| Homo sapiens ribonuclease, RNase A family, 10 (non-active) (RNASE10), non-coding RNA;  
 gi|61175231|ref|NM\_001012974.1| Homo sapiens leucine rich repeat containing 73 (LRRC73), mRNA;  
 gi|61175264|ref|NM\_001012989.1| Homo sapiens ubiquitin-conjugating enzyme E2N-like (UBE2NL), mRNA

gi|61563741|ref|NM\_017912.3| Homo sapiens HECT and RLD domain containing E3 ubiquitin protein ligase  
 gi|61639470|ref|NM\_004221.4| Homo sapiens interleukin 32 (IL32), transcript variant 2, mRNA; gi|616586:  
 gi|61656201|ref|NM\_001012643.2| Homo sapiens Myb-related transcription factor, partner of profilin (MY  
 gi|61656202|ref|NM\_001013354.1| Homo sapiens olfactory receptor, family 11, subfamily H, member 12 (I  
 gi|61656204|ref|NM\_001013356.1| Homo sapiens olfactory receptor, family 8, subfamily U, member 8 (OR  
 gi|61656207|ref|NM\_001013358.1| Homo sapiens olfactory receptor, family 9, subfamily G, member 9 (OR  
 gi|61656209|ref|NM\_001013355.1| Homo sapiens olfactory receptor, family 2, subfamily G, member 6 (OR  
 gi|61656211|ref|NM\_001013357.1| Homo sapiens olfactory receptor, family 8, subfamily U, member 9 (OR  
 gi|61676080|ref|NM\_025237.2| Homo sapiens sclerostin (SOST), mRNA;  
 gi|61676083|ref|NM\_003155.2| Homo sapiens stanniocalcin 1 (STC1), mRNA;  
 gi|61676085|ref|NM\_003714.2| Homo sapiens stanniocalcin 2 (STC2), mRNA;  
 gi|61676088|ref|NM\_001010872.1| Homo sapiens family with sequence similarity 83, member B (FAM83B)  
 gi|61676092|ref|NM\_001013399.1| Homo sapiens cyclin C (CCNC), transcript variant 2, mRNA; gi|6167609:  
 gi|61676094|ref|NM\_006137.6| Homo sapiens CD7 molecule (CD7), mRNA;  
 gi|61676096|ref|NM\_025009.3| Homo sapiens centrosomal protein 135kDa (CEP135), mRNA;  
 gi|61676097|ref|NM\_001012706.1| Homo sapiens chromosome 14 open reading frame 182 (C14orf182), n  
 gi|61676103|ref|NM\_001013258.1| Homo sapiens zinc finger protein 789 (ZNF789), transcript variant 2, m  
 gi|61676105|ref|NM\_001012759.1| Homo sapiens cytosolic thiouridylase subunit 2 homolog (S. pombe) (C  
 gi|61676109|ref|NM\_000936.2| Homo sapiens pancreatic lipase (PNLIP), mRNA;  
 gi|61676177|ref|NM\_000961.3| Homo sapiens prostaglandin I2 (prostacyclin) synthase (PTGIS), mRNA;  
 gi|61676182|ref|NM\_000406.2| Homo sapiens gonadotropin-releasing hormone receptor (GNRHR), transcr  
 gi|61676191|ref|NM\_020647.2| Homo sapiens junctophilin 1 (JPH1), mRNA;  
 gi|61676194|ref|NM\_207333.2| Homo sapiens zinc finger protein 320 (ZNF320), mRNA;  
 gi|61676196|ref|NM\_001012753.1| Homo sapiens zinc finger protein 763 (ZNF763), mRNA;  
 gi|61676202|ref|NM\_203364.2| Homo sapiens cell cycle associated protein 1 (CAPRIN1), transcript variant  
 gi|61676205|ref|NM\_021257.3| Homo sapiens neuroglobin (NGB), mRNA;  
 gi|61676206|ref|NM\_005385.3| Homo sapiens natural killer-tumor recognition sequence (NKTR), mRNA;  
 gi|61676924|ref|NM\_012242.2| Homo sapiens dickkopf 1 homolog (Xenopus laevis) (DKK1), mRNA;  
 gi|61677286|ref|NM\_005314.2| Homo sapiens gastrin-releasing peptide receptor (GRPR), mRNA;  
 gi|61696141|ref|NM\_001013407.1| Homo sapiens PRAME family member 5 (PRAMEF5), mRNA;  
 gi|61698136|ref|NM\_001858.4| Homo sapiens collagen, type XIX, alpha 1 (COL19A1), mRNA;  
 gi|61699223|ref|NM\_020433.4| Homo sapiens junctophilin 2 (JPH2), transcript variant 1, mRNA; gi|616992  
 gi|61699225|ref|NM\_003019.4| Homo sapiens surfactant protein D (SFTPD), mRNA;  
 gi|61742163|ref|NM\_001009894.2| Homo sapiens chromosome 12 open reading frame 29 (C12orf29), mR  
 gi|61742625|ref|NM\_198996.2| Homo sapiens lipase, member I (LIPI), mRNA;  
 gi|61742774|ref|NM\_175920.3| Homo sapiens leucyl/cystinyl aminopeptidase (LNPEP), transcript variant 2  
 gi|61742788|ref|NM\_001013253.1| Homo sapiens lymphocyte-specific protein 1 (LSP1), transcript variant 2  
 gi|61742794|ref|NM\_002345.3| Homo sapiens lumican (LUM), mRNA;  
 gi|61742795|ref|NM\_005581.3| Homo sapiens basal cell adhesion molecule (Lutheran blood group) (BCAM  
 gi|61742816|ref|NM\_001013406.1| Homo sapiens KRIT1, ankyrin repeat containing (KRIT1), transcript varia  
 gi|61742820|ref|NM\_001012732.1| Homo sapiens dCMP deaminase (DCTD), transcript variant 1, mRNA; gi  
 gi|61743913|ref|NM\_005199.4| Homo sapiens cholinergic receptor, nicotinic, gamma (muscle) (CHRNA3), m  
 gi|61743917|ref|NM\_000497.3| Homo sapiens cytochrome P450, family 11, subfamily B, polypeptide 1 (CY  
 gi|61743925|ref|NM\_001013415.1| Homo sapiens F-box and WD repeat domain containing 7, E3 ubiquitin  
 gi|61743927|ref|NM\_003867.2| Homo sapiens fibroblast growth factor 17 (FGF17), mRNA;  
 gi|61743928|ref|NM\_181721.2| Homo sapiens forkhead box R1 (FOXR1), mRNA;  
 gi|61743929|ref|NM\_194314.2| Homo sapiens zinc finger and BTB domain containing 41 (ZBTB41), mRNA;

gi|61743932|ref|NM\_001012398.1| Homo sapiens AKT interacting protein (AKTIP), transcript variant 1, mRNA;  
 gi|61743935|ref|NM\_001013435.1| Homo sapiens P antigen family, member 5 (prostate associated) (PAGE5), mRNA;  
 gi|61743939|ref|NM\_153840.2| Homo sapiens G protein-coupled receptor 110 (GPR110), transcript variant 1, mRNA;  
 gi|61743956|ref|NM\_001644.3| Homo sapiens apolipoprotein B mRNA editing enzyme, catalytic polypeptide 1 (APOBAP1), mRNA;  
 gi|61743964|ref|NM\_005213.3| Homo sapiens cystatin A (stefin A) (CSTA), mRNA;  
 gi|61743966|ref|NM\_001012614.1| Homo sapiens C-terminal binding protein 1 (CTBP1), transcript variant 1, mRNA;  
 gi|61743970|ref|NM\_001013437.1| Homo sapiens SEH1-like (S. cerevisiae) (SEH1L), transcript variant 1, mRNA;  
 gi|61743976|ref|NM\_003131.2| Homo sapiens serum response factor (c-fos serum response element-binding protein) (SRF), mRNA;  
 gi|61743977|ref|NM\_015136.2| Homo sapiens stabilin 1 (STAB1), mRNA;  
 gi|61743979|ref|NM\_017564.9| Homo sapiens stabilin 2 (STAB2), mRNA;  
 gi|61744422|ref|NM\_002774.3| Homo sapiens kallikrein-related peptidase 6 (KLK6), transcript variant A, mRNA;  
 gi|61744434|ref|NM\_001083.3| Homo sapiens phosphodiesterase 5A, cGMP-specific (PDE5A), transcript variant 1, mRNA;  
 gi|61744437|ref|NM\_001001928.2| Homo sapiens peroxisome proliferator-activated receptor alpha (PPAR- $\alpha$ ), mRNA;  
 gi|61744441|ref|NM\_003262.3| Homo sapiens SEC62 homolog (S. cerevisiae) (SEC62), mRNA;  
 gi|61744442|ref|NM\_003294.3| Homo sapiens tryptase alpha/beta 1 (TPSAB1), mRNA;  
 gi|61744443|ref|NM\_052841.3| Homo sapiens testis-specific serine kinase 3 (TSSK3), mRNA;  
 gi|61744444|ref|NM\_004108.2| Homo sapiens ficolin (collagen/fibrinogen domain containing lectin) 2 (hucan), mRNA;  
 gi|61744447|ref|NM\_000596.2| Homo sapiens insulin-like growth factor binding protein 1 (IGFBP1), mRNA;  
 gi|61744451|ref|NM\_001012722.1| Homo sapiens retinal G protein coupled receptor (RGR), transcript variant 1, mRNA;  
 gi|61744459|ref|NM\_017588.2| Homo sapiens WD repeat domain 5 (WDR5), transcript variant 1, mRNA;  
 gi|61744461|ref|NM\_003405.3| Homo sapiens tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activating protein (TYR3-MO), mRNA;  
 gi|61744464|ref|NM\_004262.2| Homo sapiens transmembrane protease, serine 11D (TMPRSS11D), mRNA;  
 gi|61806621|ref|NM\_001013442.1| Homo sapiens epithelial mitogen homolog (mouse) (EPGN), mRNA;  
 gi|61835133|ref|NM\_021071.2| Homo sapiens ADP-ribosyltransferase 4 (Dombrock blood group) (ART4), mRNA;  
 gi|61835173|ref|NM\_016194.3| Homo sapiens guanine nucleotide binding protein (G protein), beta 5 (GNB5), mRNA;  
 gi|61835231|ref|NM\_182828.2| Homo sapiens growth differentiation factor 7 (GDF7), mRNA;  
 gi|61966710|ref|NM\_001013631.1| Homo sapiens heterogeneous nuclear ribonucleoprotein C-like 1 (HNRC1), mRNA;  
 gi|61966716|ref|NM\_001013630.1| Homo sapiens arylacetamide deacetylase-like 4 (AADACL4), mRNA;  
 gi|61966730|ref|NM\_001013641.1| Homo sapiens transmembrane protein 82 (TMEM82), mRNA;  
 gi|61966732|ref|NM\_001013638.1| Homo sapiens proline rich 25 (PRR25), mRNA;  
 gi|61966762|ref|NM\_001013658.1| Homo sapiens pentraxin 4, long (PTX4), mRNA;  
 gi|61966776|ref|NM\_001013661.1| Homo sapiens V-set and immunoglobulin domain containing 8 (VSIG8), mRNA;  
 gi|61966780|ref|NM\_001013663.1| Homo sapiens peptidyl-tRNA hydrolase domain containing 1 (PTRHD1), mRNA;  
 gi|61966794|ref|NM\_001013674.1| Homo sapiens chromosome 1 open reading frame 141 (C1orf141), mRNA;  
 gi|61966834|ref|NM\_001013692.1| Homo sapiens PRAME family member 3 (PRAMEF3), mRNA;  
 gi|61966922|ref|NM\_001013735.1| Homo sapiens forkhead box B2 (FOXB2), mRNA;  
 gi|61969661|ref|NM\_001012729.1| Homo sapiens double homeobox A (DUXA), mRNA;  
 gi|61969663|ref|NM\_001012728.1| Homo sapiens divergent-paired related homeobox (DPRX), mRNA;  
 gi|61969665|ref|NM\_001012659.1| Homo sapiens arginine-fifty homeobox (ARGFX), mRNA;  
 gi|62000632|ref|NM\_016472.3| Homo sapiens chromosome 14 open reading frame 129 (C14orf129), mRNA;  
 gi|62000697|ref|NM\_001013743.1| Homo sapiens transmembrane protein 225 (TMEM225), mRNA;  
 gi|62079298|ref|NM\_015086.1| Homo sapiens dendrin (DDN), mRNA;  
 gi|62122910|ref|NM\_001014336.1| Homo sapiens interleukin 31 (IL31), mRNA;  
 gi|62122941|ref|NM\_138689.2| Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 14B (PPP1R14B), mRNA;  
 gi|62122951|ref|NM\_001014283.1| Homo sapiens DCN1, defective in cullin neddylation 1, domain containing 1 (DCN1), mRNA;  
 gi|62177109|ref|NM\_032804.5| Homo sapiens 2-aminoethanethiol (cysteamine) dioxygenase (ADO), mRNA;  
 gi|62177111|ref|NM\_001014380.1| Homo sapiens katanin p60 subunit A-like 1 (KATNAL1), transcript variant 1, mRNA;

gi|62177126|ref|NM\_015011.1| Homo sapiens myosin XVI (MYO16), transcript variant 2, mRNA; gi|312147  
 gi|62177128|ref|NM\_015111.1| Homo sapiens NEDD4 binding protein 3 (N4BP3), mRNA;  
 gi|62198236|ref|NM\_006231.2| Homo sapiens polymerase (DNA directed), epsilon (POLE), mRNA;  
 gi|62234418|ref|NM\_017559.2| Homo sapiens fibronectin type III domain containing 8 (FNDC8), mRNA;  
 gi|62234460|ref|NM\_018096.3| Homo sapiens notchless homolog 1 (Drosophila) (NLE1), transcript variant  
 gi|62240987|ref|NM\_005182.2| Homo sapiens carbonic anhydrase VII (CA7), transcript variant 1, mRNA; gi  
 gi|62240996|ref|NM\_000799.2| Homo sapiens erythropoietin (EPO), mRNA;  
 gi|62240998|ref|NM\_001236.3| Homo sapiens carbonyl reductase 3 (CBR3), mRNA;  
 gi|62240999|ref|NM\_004356.3| Homo sapiens CD81 molecule (CD81), mRNA;  
 gi|62241000|ref|NM\_001278.3| Homo sapiens conserved helix-loop-helix ubiquitous kinase (CHUK), mRNA;  
 gi|62241002|ref|NM\_153610.3| Homo sapiens cardiomyopathy associated 5 (CMYA5), mRNA;  
 gi|62241004|ref|NM\_032649.5| Homo sapiens carnosine dipeptidase 1 (metallopeptidase M20 family) (CNI  
 gi|62241009|ref|NM\_001900.4| Homo sapiens cystatin D (CST5), mRNA;  
 gi|62241012|ref|NM\_001014431.1| Homo sapiens v-akt murine thymoma viral oncogene homolog 1 (AKT1  
 gi|62241025|ref|NM\_021951.2| Homo sapiens doublesex and mab-3 related transcription factor 1 (DMRT1  
 gi|62241031|ref|NM\_145315.3| Homo sapiens lactation elevated 1 (LACE1), mRNA;  
 gi|62241032|ref|NM\_001014434.1| Homo sapiens LIM homeobox 9 (LHX9), transcript variant 2, mRNA; gi|  
 gi|62241034|ref|NM\_139248.2| Homo sapiens lipase, member H (LIPH), mRNA;  
 gi|62241037|ref|NM\_001013845.1| Homo sapiens chromosome X open reading frame 40B (CXorf40B), mR  
 gi|62241041|ref|NM\_004446.2| Homo sapiens glutamyl-prolyl-tRNA synthetase (EPRS), mRNA;  
 gi|62241047|ref|NM\_013231.4| Homo sapiens fibronectin leucine rich transmembrane protein 2 (FLRT2), n  
 gi|62243247|ref|NM\_001013398.1| Homo sapiens insulin-like growth factor binding protein 3 (IGFBP3), tra  
 gi|62243289|ref|NM\_001552.2| Homo sapiens insulin-like growth factor binding protein 4 (IGFBP4), mRNA;  
 gi|62243368|ref|NM\_001013836.1| Homo sapiens MAD1 mitotic arrest deficient-like 1 (yeast) (MAD1L1), t  
 gi|62243447|ref|NM\_004123.2| Homo sapiens gastric inhibitory polypeptide (GIP), mRNA;  
 gi|62243566|ref|NM\_133369.2| Homo sapiens unc-5 homolog A (C. elegans) (UNC5A), mRNA;  
 gi|62243639|ref|NM\_001013746.1| Homo sapiens zinc finger protein 107 (ZNF107), transcript variant 2, m  
 gi|62243695|ref|NM\_005862.2| Homo sapiens stromal antigen 1 (STAG1), mRNA;  
 gi|62243733|ref|NM\_017720.2| Homo sapiens signal transducing adaptor family member 2 (STAP2), transc  
 gi|62243893|ref|NM\_003567.2| Homo sapiens breast cancer anti-estrogen resistance 3 (BCAR3), mRNA;  
 gi|62244003|ref|NM\_001013843.1| Homo sapiens SAFB-like, transcription modulator (SLTM), transcript vai  
 gi|62244008|ref|NM\_152398.2| Homo sapiens OCIA domain containing 2 (OCIAD2), transcript variant 2, m  
 gi|62244047|ref|NM\_002906.3| Homo sapiens radixin (RDX), mRNA;  
 gi|62339370|ref|NM\_031298.2| Homo sapiens transmembrane protein 93 (TMEM93), transcript variant 2,  
 gi|62339431|ref|NM\_022153.1| Homo sapiens chromosome 10 open reading frame 54 (C10orf54), mRNA;  
 gi|62388871|ref|NM\_183412.2| Homo sapiens F-box protein 44 (FBXO44), transcript variant 2, mRNA; gi|6:  
 gi|62388872|ref|NM\_001004356.2| Homo sapiens fibroblast growth factor receptor-like 1 (FGFRL1), transc  
 gi|62388873|ref|NM\_001217.3| Homo sapiens carbonic anhydrase XI (CA11), mRNA;  
 gi|62388887|ref|NM\_000525.3| Homo sapiens potassium inwardly-rectifying channel, subfamily J, member  
 gi|62388891|ref|NM\_002266.2| Homo sapiens karyopherin alpha 2 (RAG cohort 1, importin alpha 1) (KPNA  
 gi|62414178|ref|NM\_001014830.1| Homo sapiens chromosome 14 open reading frame 183 (C14orf183), n  
 gi|62414378|ref|NM\_001014812.1| Homo sapiens family with sequence similarity 96, member A (FAM96A)  
 gi|62420871|ref|NM\_004517.2| Homo sapiens integrin-linked kinase (ILK), transcript variant 1, mRNA; gi|6:  
 gi|62420876|ref|NM\_001014763.1| Homo sapiens electron-transfer-flavoprotein, beta polypeptide (ETFB),  
 gi|62420885|ref|NM\_001014796.1| Homo sapiens discoidin domain receptor tyrosine kinase 2 (DDR2), trar  
 gi|62420887|ref|NM\_013379.2| Homo sapiens dipeptidyl-peptidase 7 (DPP7), mRNA;  
 gi|62422562|ref|NM\_001014835.1| Homo sapiens p21 protein (Cdc42/Rac)-activated kinase 4 (PAK4), tran:

gi|62422566|ref|NM\_014485.2| Homo sapiens hematopoietic prostaglandin D synthase (HPGDS), mRNA;  
 gi|62422568|ref|NM\_006234.4| Homo sapiens polymerase (RNA) II (DNA directed) polypeptide J, 13.3kDa (F  
 gi|62422569|ref|NM\_005034.3| Homo sapiens polymerase (RNA) II (DNA directed) polypeptide K, 7.0kDa (F  
 gi|62422570|ref|NM\_001014809.1| Homo sapiens collapsin response mediator protein 1 (CRMP1), transcri  
 gi|62422574|ref|NM\_145659.3| Homo sapiens interleukin 27 (IL27), mRNA;  
 gi|62422575|ref|NM\_006033.2| Homo sapiens lipase, endothelial (LIPG), mRNA;  
 gi|62422580|ref|NM\_014220.2| Homo sapiens transmembrane 4 L six family member 1 (TM4SF1), mRNA;  
 gi|62422581|ref|NM\_014399.3| Homo sapiens tetraspanin 13 (TSPAN13), mRNA;  
 gi|62460631|ref|NM\_006405.5| Homo sapiens transmembrane 9 superfamily member 1 (TM9SF1), transcri  
 gi|62460632|ref|NM\_014892.3| Homo sapiens SR-related CTD-associated factor 8 (SCAF8), mRNA;  
 gi|62460636|ref|NM\_024658.3| Homo sapiens importin 4 (IPO4), mRNA;  
 gi|62510077|ref|NR\_002305.1| Homo sapiens protein disulfide isomerase family A, member 3 pseudogene  
 gi|62526021|ref|NM\_001014837.1| Homo sapiens cutA divalent cation tolerance homolog (E. coli) (CUTA),  
 gi|62526030|ref|NM\_001014841.1| Homo sapiens neurochondrin (NCDN), transcript variant 2, mRNA; gi|6  
 gi|62526032|ref|NM\_004827.2| Homo sapiens ATP-binding cassette, sub-family G (WHITE), member 2 (ABC  
 gi|62526035|ref|NM\_148174.2| Homo sapiens antizyme inhibitor 1 (AZIN1), transcript variant 2, mRNA; gi|  
 gi|62526041|ref|NM\_152284.3| Homo sapiens charged multivesicular body protein 4C (CHMP4C), mRNA;  
 gi|62526042|ref|NM\_007272.2| Homo sapiens chymotrypsin C (caldecrin) (CTRC), mRNA;  
 gi|62530382|ref|NM\_004281.3| Homo sapiens BCL2-associated athanogene 3 (BAG3), mRNA;  
 gi|62530390|ref|NM\_005410.2| Homo sapiens selenoprotein P, plasma, 1 (SEPP1), transcript variant 1, mR  
 gi|62548857|ref|NM\_001014986.1| Homo sapiens folate hydrolase (prostate-specific membrane antigen) 1  
 gi|62548859|ref|NM\_002380.3| Homo sapiens matrilin 2 (MATN2), transcript variant 1, mRNA; gi|6254886  
 gi|62548863|ref|NM\_014629.2| Homo sapiens Rho guanine nucleotide exchange factor (GEF) 10 (ARHGEF1  
 gi|62548865|ref|NM\_005353.2| Homo sapiens integrin, alpha D (ITGAD), mRNA;  
 gi|62548867|ref|NM\_015331.2| Homo sapiens nicastrin (NCSTN), mRNA;  
 gi|62632708|ref|NR\_002211.1| Homo sapiens Meis homeobox 3 pseudogene 1 (MEIS3P1), non-coding RNA  
 gi|62632711|ref|NR\_002216.1| Homo sapiens nuclear RNA export factor 4 pseudogene (NXF4), non-coding  
 gi|62632749|ref|NM\_014616.1| Homo sapiens ATPase, class VI, type 11B (ATP11B), mRNA;  
 gi|62632761|ref|NR\_002208.1| Homo sapiens mitochondrial ribosomal protein L42 pseudogene 5 (MRPL42  
 gi|62632766|ref|NM\_001015038.1| Homo sapiens P antigen family, member 2B (PAGE2B), mRNA;  
 gi|62632770|ref|NM\_001015054.1| Homo sapiens N-methylpurine-DNA glycosylase (MPG), transcript varia  
 gi|62739152|ref|NM\_002289.2| Homo sapiens lactalbumin, alpha- (LALBA), mRNA;  
 gi|62739153|ref|NM\_014387.3| Homo sapiens linker for activation of T cells (LAT), transcript variant 1, mR  
 gi|62739160|ref|NM\_004524.2| Homo sapiens lethal giant larvae homolog 2 (Drosophila) (LLGL2), transcrip  
 gi|62739165|ref|NM\_000935.2| Homo sapiens procollagen-lysine, 2-oxoglutarate 5-dioxygenase 2 (PLOD2)  
 gi|62739167|ref|NM\_001084.4| Homo sapiens procollagen-lysine, 2-oxoglutarate 5-dioxygenase 3 (PLOD3)  
 gi|62739172|ref|NM\_001015885.1| Homo sapiens RAE1 RNA export 1 homolog (S. pombe) (RAE1), transcri  
 gi|62739176|ref|NM\_002950.3| Homo sapiens ribophorin I (RPN1), mRNA;  
 gi|62739177|ref|NM\_033046.2| Homo sapiens rhotekin (RTKN), transcript variant 2, mRNA; gi|62739178|r  
 gi|62750348|ref|NM\_001015053.1| Homo sapiens histone deacetylase 5 (HDAC5), transcript variant 3, mR  
 gi|62750355|ref|NM\_002408.3| Homo sapiens mannosyl (alpha-1,6-)-glycoprotein beta-1,2-N-acetylglucos  
 gi|62750358|ref|NM\_005378.4| Homo sapiens v-myc myelocytomatosis viral related oncogene, neuroblast  
 gi|62751963|ref|NM\_018566.3| Homo sapiens YOD1 OTU deubiquinating enzyme 1 homolog (S. cerevisiae)  
 gi|62821775|ref|NM\_020853.1| Homo sapiens KIAA1467 (KIAA1467), mRNA;  
 gi|62821781|ref|NM\_001012754.2| Homo sapiens NHL repeat containing 3 (NHLRC3), transcript variant 1, r  
 gi|62821786|ref|NM\_014900.3| Homo sapiens COBL-like 1 (COBL1), mRNA;  
 gi|62857884|ref|NM\_006782.3| Homo sapiens zinc finger protein-like 1 (ZFPL1), mRNA;

gi|62860045|ref|NM\_032143.2| Homo sapiens zinc finger, RAN-binding domain containing 3 (ZRANB3), mRNA;

gi|62865603|ref|NM\_007028.3| Homo sapiens tripartite motif containing 31 (TRIM31), mRNA;

gi|62865607|ref|NM\_001017398.1| Homo sapiens tripartite motif containing 36 (TRIM36), transcript variant 1, mRNA;

gi|62865615|ref|NM\_016283.4| Homo sapiens TAF9 RNA polymerase II, TATA box binding protein (TBP)-associated factor 9 (TAF9), mRNA;

gi|62865619|ref|NM\_017736.3| Homo sapiens THUMP domain containing 1 (THUMPD1), mRNA;

gi|62865623|ref|NM\_198057.2| Homo sapiens TSC22 domain family, member 3 (TSC22D3), transcript variant 1, mRNA;

gi|62865630|ref|NM\_001017372.1| Homo sapiens solute carrier family 27 (fatty acid transporter), member 27 (SLC27A2), mRNA;

gi|62865634|ref|NM\_003129.3| Homo sapiens squalene epoxidase (SQLE), mRNA;

gi|62865636|ref|NM\_001017363.1| Homo sapiens AT rich interactive domain 3C (BRIGHT-like) (ARID3C), mRNA;

gi|62865642|ref|NM\_003160.2| Homo sapiens aurora kinase C (AURKC), transcript variant 3, mRNA; gi|62865646|ref|NM\_016530.2| Homo sapiens RAB8B, member RAS oncogene family (RAB8B), mRNA;

gi|62865652|ref|NM\_021106.3| Homo sapiens regulator of G-protein signaling 3 (RGS3), transcript variant 1, mRNA;

gi|62865658|ref|NM\_006914.3| Homo sapiens RAR-related orphan receptor B (RORB), mRNA;

gi|62865856|ref|NM\_024989.3| Homo sapiens post-GPI attachment to proteins 1 (PGAP1), mRNA;

gi|62865860|ref|NM\_003463.3| Homo sapiens protein tyrosine phosphatase type IVA, member 1 (PTP4A1), mRNA;

gi|62865861|ref|NM\_001015508.1| Homo sapiens purine-rich element binding protein G (PURG), transcript variant 1, mRNA;

gi|62865863|ref|NM\_000519.3| Homo sapiens hemoglobin, delta (HBD), mRNA;

gi|62865867|ref|NM\_004102.3| Homo sapiens fatty acid binding protein 3, muscle and heart (mammary-derived) (FABP3), mRNA;

gi|62865872|ref|NM\_003508.2| Homo sapiens frizzled family receptor 9 (FZD9), mRNA;

gi|62865873|ref|NM\_152538.2| Homo sapiens immunoglobulin superfamily, member 11 (IGSF11), transcript variant 1, mRNA;

gi|62865877|ref|NM\_016077.3| Homo sapiens peptidyl-tRNA hydrolase 2 (PTRH2), nuclear gene encoding ribosomal protein L24 (RPL24), mRNA;

gi|62865880|ref|NM\_021088.2| Homo sapiens zinc finger protein 2 (ZNF2), transcript variant 1, mRNA; gi|62865884|ref|NM\_002060.2| Homo sapiens gap junction protein, alpha 4, 37kDa (GJA4), mRNA;

gi|62865888|ref|NM\_017644.3| Homo sapiens kelch-like 24 (Drosophila) (KLHL24), mRNA;

gi|62865889|ref|NM\_004419.3| Homo sapiens dual specificity phosphatase 5 (DUSP5), mRNA;

gi|62865891|ref|NM\_007035.3| Homo sapiens keratocan (KERA), mRNA;

gi|62865896|ref|NM\_021729.4| Homo sapiens vacuolar protein sorting 11 homolog (S. cerevisiae) (VPS11), transcript variant 1, mRNA;

gi|62868214|ref|NM\_000228.2| Homo sapiens laminin, beta 3 (LAMB3), transcript variant 1, mRNA; gi|62868228|ref|NM\_003902.3| Homo sapiens far upstream element (FUSE) binding protein 1 (FUBP1), mRNA;

gi|62868229|ref|NM\_020774.2| Homo sapiens mindbomb E3 ubiquitin protein ligase 1 (MIB1), mRNA;

gi|62899058|ref|NM\_001013632.2| Homo sapiens Tctex1 domain containing 4 (TCTEX1D4), mRNA;

gi|62899068|ref|NM\_001017417.1| Homo sapiens cancer/testis antigen family 45, member A1 (CT45A1), mRNA;

gi|62909984|ref|NM\_080628.1| Homo sapiens chromosome 20 open reading frame 118 (C20orf118), mRNA;

gi|62912454|ref|NM\_019903.3| Homo sapiens adducin 3 (gamma) (ADD3), transcript variant 2, mRNA; gi|62912455|ref|NM\_002860.3| Homo sapiens aldehyde dehydrogenase 18 family, member A1 (ALDH18A1), mRNA;

gi|62912459|ref|NM\_000715.3| Homo sapiens complement component 4 binding protein, alpha (C4BPA), mRNA;

gi|62912467|ref|NM\_001017367.1| Homo sapiens complement component 4 binding protein, beta (C4BPB), mRNA;

gi|62912471|ref|NM\_021636.2| Homo sapiens leucine-rich repeat containing G protein-coupled receptor 6 (LRR-RLP6), mRNA;

gi|62912475|ref|NM\_004140.3| Homo sapiens lethal giant larvae homolog 1 (Drosophila) (LLGL1), mRNA;

gi|62912477|ref|NM\_002119.3| Homo sapiens major histocompatibility complex, class II, DO alpha (HLA-DQA1), mRNA;

gi|62912480|ref|NM\_003483.4| Homo sapiens high mobility group AT-hook 2 (HMGA2), transcript variant 1, mRNA;

gi|62912491|ref|NM\_001015880.1| Homo sapiens 3'-phosphoadenosine 5'-phosphosulfate synthase 2 (PAF1C), mRNA;

gi|62945405|ref|NM\_001017435.1| Homo sapiens cancer/testis antigen family 45, member A3 (CT45A3), mRNA;

gi|62945407|ref|NM\_001017436.1| Homo sapiens cancer/testis antigen family 45, member A4 (CT45A4), mRNA;

gi|62945416|ref|NM\_004943.1| Homo sapiens dystrophin myotonic, WD repeat containing (DMWD), mRNA;

gi|62945418|ref|NM\_001014450.1| Homo sapiens small proline-rich protein 2F (SPRR2F), mRNA;

gi|62952496|ref|NM\_153498.2| Homo sapiens calcium/calmodulin-dependent protein kinase ID (CAMK1D), mRNA;



gi|62952501|ref|NM\_183374.2| Homo sapiens cytochrome P450, family 26, subfamily C, polypeptide 1 (CYP26C1), mRNA;

gi|62952503|ref|NM\_024514.4| Homo sapiens cytochrome P450, family 2, subfamily R, polypeptide 1 (CYP26R1), mRNA;

gi|62952504|ref|NM\_183075.2| Homo sapiens cytochrome P450, family 2, subfamily U, polypeptide 1 (CYP26U1), mRNA;

gi|62952505|ref|NM\_001010969.2| Homo sapiens cytochrome P450, family 4, subfamily A, polypeptide 22 (CYP26A22), mRNA;

gi|62953111|ref|NM\_052889.2| Homo sapiens caspase recruitment domain family, member 16 (CARD16), mRNA;

gi|62953114|ref|NM\_012342.2| Homo sapiens BMP and activin membrane-bound inhibitor homolog (Xenopus laevis), mRNA;

gi|62953122|ref|NM\_001017434.1| Homo sapiens piggyBac transposable element derived 2 (PGBD2), transcript variant 1, mRNA;

gi|62953126|ref|NM\_004426.2| Homo sapiens polyhomeotic homolog 1 (Drosophila) (PHC1), mRNA;

gi|62953128|ref|NM\_005882.3| Homo sapiens macrophage erythroblast attacher (MAEA), transcript variant 1, mRNA;

gi|62953135|ref|NM\_020912.1| Homo sapiens FLYWCH-type zinc finger 1 (FLYWCH1), transcript variant 2, mRNA;

gi|62953137|ref|NM\_002192.2| Homo sapiens inhibin, beta A (INHBA), mRNA;

gi|62953138|ref|NM\_020967.2| Homo sapiens nuclear receptor coactivator 5 (NCOA5), mRNA;

gi|62953139|ref|NM\_006169.2| Homo sapiens nicotinamide N-methyltransferase (NNMT), mRNA;

gi|62953142|ref|NM\_000367.2| Homo sapiens thiopurine S-methyltransferase (TPMT), mRNA;

gi|62955043|ref|NM\_018994.1| Homo sapiens F-box protein 42 (FBXO42), mRNA;

gi|62955053|ref|NR\_002307.1| Homo sapiens msh homeobox 2 pseudogene 1 (MSX2P1), non-coding RNA;

gi|62955802|ref|NM\_015354.1| Homo sapiens nucleoporin 188kDa (NUP188), mRNA;

gi|62955828|ref|NM\_033428.1| Homo sapiens chromosome 9 open reading frame 123 (C9orf123), mRNA;

gi|62955830|ref|NM\_001017418.1| Homo sapiens small proline-rich protein 2B (SPRR2B), mRNA;

gi|62988277|ref|NR\_002309.1| Homo sapiens ribosomal protein S26 pseudogene 11 (RPS26P11), non-coding RNA;

gi|62988323|ref|NM\_022093.1| Homo sapiens tenascin N (TNN), mRNA;

gi|62988330|ref|NM\_018341.1| Homo sapiens chromosome 6 open reading frame 70 (C6orf70), mRNA;

gi|62988332|ref|NM\_004753.4| Homo sapiens dehydrogenase/reductase (SDR family) member 3 (DHRS3), mRNA;

gi|62988333|ref|NM\_198137.1| Homo sapiens cation channel, sperm associated 4 (CATSPER4), mRNA;

gi|62988335|ref|NM\_001010919.1| Homo sapiens family with sequence similarity 26, member F (FAM26F), mRNA;

gi|62988345|ref|NM\_138690.1| Homo sapiens glutamate receptor, ionotropic, N-methyl-D-aspartate 3B (GRIKB3), mRNA;

gi|62988356|ref|NM\_178469.3| Homo sapiens lipocalin 8 (LCN8), mRNA;

gi|62988358|ref|NM\_001017930.1| Homo sapiens DDB1 and CUL4 associated factor 8-like 1 (DCAF8L1), mRNA;

gi|63003902|ref|NM\_201550.2| Homo sapiens leucine rich repeat containing 10 (LRRC10), mRNA;

gi|63003904|ref|NM\_139245.2| Homo sapiens protein phosphatase, Mg<sup>2+</sup>/Mn<sup>2+</sup> dependent, 1L (PPM1L), mRNA;

gi|63003909|ref|NM\_001017971.1| Homo sapiens ATPase, H<sup>+</sup> transporting, lysosomal accessory protein 1-1 (ATP11A1), mRNA;

gi|63025197|ref|NR\_002311.1| Homo sapiens VENT homeobox pseudogene 7 (VENTXP7), non-coding RNA;

gi|63025205|ref|NM\_001010924.1| Homo sapiens family with sequence similarity 171, member A1 (FAM171A1), mRNA;

gi|63025211|ref|NM\_203397.1| Homo sapiens metallo-beta-lactamase domain containing 1 (MBLAC1), mRNA;

gi|63025219|ref|NM\_001017981.1| Homo sapiens ring finger protein 215 (RNF215), mRNA;

gi|63029929|ref|NM\_001013625.2| Homo sapiens chromosome 1 open reading frame 192 (C1orf192), mRNA;

gi|63029934|ref|NM\_080720.1| Homo sapiens H2A histone family, member B3 (H2AFB3), mRNA;

gi|63029940|ref|NM\_001017990.1| Homo sapiens H2A histone family, member B1 (H2AFB1), mRNA;

gi|63029942|ref|NM\_001017991.1| Homo sapiens H2A histone family, member B2 (H2AFB2), mRNA;

gi|63047870|ref|NM\_001017923.1| Homo sapiens chromosome 14 open reading frame 28 (C14orf28), mRNA;

gi|63053511|ref|NM\_198691.2| Homo sapiens keratin associated protein 10-1 (KRTAP10-1), mRNA;

gi|63053513|ref|NM\_198693.2| Homo sapiens keratin associated protein 10-2 (KRTAP10-2), mRNA;

gi|63053514|ref|NM\_198696.2| Homo sapiens keratin associated protein 10-3 (KRTAP10-3), mRNA;

gi|63053516|ref|NM\_198694.2| Homo sapiens keratin associated protein 10-5 (KRTAP10-5), mRNA;

gi|63053518|ref|NM\_033199.3| Homo sapiens urocortin 2 (UCN2), mRNA;

gi|63053521|ref|NM\_001017415.1| Homo sapiens ubiquitin specific peptidase 1 (USP1), transcript variant 2, mRNA;

gi|63054818|ref|NM\_153698.1| Homo sapiens AhpC/TSA antioxidant enzyme domain containing 1 (AAED1), mRNA;

gi|63054823|ref|NM\_000730.2| Homo sapiens cholecystokinin A receptor (CCKAR), mRNA;

gi|63054826|ref|NM\_005445.3| Homo sapiens structural maintenance of chromosomes 3 (SMC3), mRNA;

gi|63054829|ref|NM\_001017916.1| Homo sapiens cytochrome b-561 (CYB561), transcript variant 2, mRNA;

gi|63054843|ref|NM\_000376.2| Homo sapiens vitamin D (1,25- dihydroxyvitamin D3) receptor (VDR), trans

gi|63054847|ref|NM\_030771.1| Homo sapiens coiled-coil domain containing 34 (CCDC34), transcript varian

gi|63054849|ref|NM\_004088.3| Homo sapiens deoxynucleotidyltransferase, terminal (DNNT), transcript var

gi|63054853|ref|NM\_018538.3| Homo sapiens erythroblast membrane-associated protein (Scianna blood g

gi|63054857|ref|NM\_033544.2| Homo sapiens RCC1 domain containing 1 (RCCD1), transcript variant 1, mR

gi|63054863|ref|NM\_018440.3| Homo sapiens phosphoprotein associated with glycosphingolipid microdon

gi|63054867|ref|NM\_001017964.1| Homo sapiens YdjC homolog (bacterial) (YDJC), mRNA;

gi|63054871|ref|NM\_006562.4| Homo sapiens ladybird homeobox 1 (LBX1), mRNA;

gi|63054873|ref|NM\_001615.3| Homo sapiens actin, gamma 2, smooth muscle, enteric (ACTG2), transcript

gi|63054874|ref|NM\_023934.3| Homo sapiens FUN14 domain containing 2 (FUND2), mRNA;

gi|63079684|ref|NM\_014943.3| Homo sapiens zinc fingers and homeoboxes 2 (ZHX2), mRNA;

gi|63079686|ref|NM\_022039.3| Homo sapiens F-box and WD repeat domain containing 4 (FBXW4), mRNA;

gi|63079687|ref|NM\_005645.3| Homo sapiens TAF13 RNA polymerase II, TATA box binding protein (TBP)-a:

gi|63079716|ref|NM\_022119.3| Homo sapiens protease, serine, 22 (PRSS22), mRNA;

gi|63079717|ref|NM\_080701.3| Homo sapiens three prime repair exonuclease 2 (TREX2), mRNA;

gi|63082031|ref|NM\_015089.2| Homo sapiens cullin 9 (CUL9), mRNA;

gi|63148617|ref|NM\_003031.3| Homo sapiens siah E3 ubiquitin protein ligase 1 (SIAH1), transcript variant :

gi|63175651|ref|NM\_153232.3| Homo sapiens EP300 interacting inhibitor of differentiation 2 (EID2), mRNA

gi|63175653|ref|NM\_145059.2| Homo sapiens fucokinase (FUK), mRNA;

gi|63252862|ref|NM\_032444.2| Homo sapiens SLX4 structure-specific endonuclease subunit homolog (S. ce

gi|63252905|ref|NM\_001018020.1| Homo sapiens tropomyosin 1 (alpha) (TPM1), transcript variant 7, mRN

gi|63252914|ref|NM\_001017420.2| Homo sapiens establishment of cohesion 1 homolog 2 (S. cerevisiae) (E

gi|63252917|ref|NM\_003979.3| Homo sapiens G protein-coupled receptor, family C, group 5, member A (G

gi|63252921|ref|NM\_003385.4| Homo sapiens visinin-like 1 (VSNL1), mRNA;

gi|63253297|ref|NM\_003132.2| Homo sapiens spermidine synthase (SRM), mRNA;

gi|63477961|ref|NM\_000911.3| Homo sapiens opioid receptor, delta 1 (OPRD1), mRNA;

gi|63497678|ref|NM\_152379.2| Homo sapiens chromosome 1 open reading frame 131 (C1orf131), mRNA;

gi|6382072|ref|NM\_005258.2| Homo sapiens GTP cyclohydrolase I feedback regulator (GCHFR), mRNA;

gi|6382077|ref|NM\_002882.2| Homo sapiens RAN binding protein 1 (RANBP1), mRNA;

gi|63985944|ref|NM\_012148.2| Homo sapiens double homeobox 3 (DUX3), mRNA;

gi|63985969|ref|NM\_012149.2| Homo sapiens double homeobox 5 (DUX5), mRNA;

gi|63998897|ref|NM\_001018046.1| Homo sapiens YSK4 Sps1/Ste20-related kinase homolog (S. cerevisiae)

gi|63999047|ref|NM\_178509.5| Homo sapiens syntaxin binding protein 4 (STXBP4), mRNA;

gi|63999116|ref|NM\_152358.2| Homo sapiens IZUMO family member 2 (IZUMO2), mRNA;

gi|63999351|ref|NR\_002312.1| Homo sapiens ribonuclease P RNA component H1 (RPPH1), RNase P RNA;

gi|64084765|ref|NM\_018086.2| Homo sapiens fidgetin (FIGN), mRNA;

gi|64085082|ref|NM\_177938.2| Homo sapiens prolyl 4-hydroxylase, transmembrane (endoplasmic reticul

gi|64085120|ref|NM\_000369.2| Homo sapiens thyroid stimulating hormone receptor (TSHR), transcript var

gi|64085176|ref|NM\_005541.3| Homo sapiens inositol polyphosphate-5-phosphatase, 145kDa (INPP5D), tr

gi|64085296|ref|NM\_012320.3| Homo sapiens phospholipase A2, group XV (PLA2G15), mRNA;

gi|64276485|ref|NM\_005869.2| Homo sapiens CWC27 spliceosome-associated protein homolog (S. cerevis

gi|64276807|ref|NM\_197941.2| Homo sapiens ADAM metalloproteinase with thrombospondin type 1 motif

gi|64368471|ref|NM\_017781.2| Homo sapiens cytochrome P450, family 2, subfamily W, polypeptide 1 (CYF

gi|64368879|ref|NM\_145115.2| Homo sapiens zinc finger protein 498 (ZNF498), mRNA;

gi|64762444|ref|NM\_001018053.1| Homo sapiens 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 2  
 gi|64762487|ref|NM\_171998.2| Homo sapiens RAB39B, member RAS oncogene family (RAB39B), mRNA;  
 gi|65285120|ref|NM\_198924.2| Homo sapiens tripartite motif containing 73 (TRIM73), mRNA;  
 gi|65287716|ref|NM\_001013703.2| Homo sapiens eukaryotic translation initiation factor 2 alpha kinase 4 (  
 gi|65288282|ref|NM\_152285.2| Homo sapiens arrestin domain containing 1 (ARRDC1), mRNA;  
 gi|65301114|ref|NM\_178540.3| Homo sapiens C1q and tumor necrosis factor related protein 9 (C1QTNF9),  
 gi|65301121|ref|NM\_001017967.2| Homo sapiens MARVEL domain containing 3 (MARVELD3), transcript va  
 gi|65301138|ref|NM\_006045.1| Homo sapiens ATPase, class II, type 9A (ATP9A), mRNA;  
 gi|65301140|ref|NM\_015020.2| Homo sapiens PH domain and leucine rich repeat protein phosphatase 2 (P  
 gi|65301162|ref|NM\_001017928.2| Homo sapiens coiled-coil domain containing 58 (CCDC58), mRNA;  
 gi|65301163|ref|NM\_001018056.1| Homo sapiens very low density lipoprotein receptor (VLDLR), transcript  
 gi|65506327|ref|NM\_005167.5| Homo sapiens protein phosphatase, Mg<sup>2+</sup>/Mn<sup>2+</sup> dependent, 1J (PPM1J), r  
 gi|65506788|ref|NM\_133489.2| Homo sapiens solute carrier family 26, member 10 (SLC26A10), mRNA;  
 gi|65507077|ref|NM\_005366.4| Homo sapiens melanoma antigen family A, 11 (MAGEA11), transcript varia  
 gi|65507518|ref|NM\_002571.2| Homo sapiens progesterone-associated endometrial protein (PAEP), transcr  
 gi|65507613|ref|NM\_005608.2| Homo sapiens protein tyrosine phosphatase, receptor type, C-associated p  
 gi|65508249|ref|NM\_001017987.2| Homo sapiens chromosome 5 open reading frame 45 (C5orf45), transc  
 gi|65508448|ref|NM\_001616.3| Homo sapiens activin A receptor, type IIA (ACVR2A), mRNA;  
 gi|6552331|ref|NM\_005803.2| Homo sapiens flotillin 1 (FLOT1), mRNA;  
 gi|65786660|ref|NM\_001018072.1| Homo sapiens BTB (POZ) domain containing 11 (BTBD11), transcript va  
 gi|65787330|ref|NM\_020441.2| Homo sapiens coronin, actin binding protein, 1B (CORO1B), transcript varia  
 gi|66267726|ref|NM\_001018081.1| Homo sapiens killer cell immunoglobulin-like receptor, two domains, Ic  
 gi|66267729|ref|NM\_052844.3| Homo sapiens WD repeat domain 34 (WDR34), mRNA;  
 gi|66275525|ref|NM\_001018082.1| Homo sapiens adipogenin (ADIG), mRNA;  
 gi|6631089|ref|NM\_001563.2| Homo sapiens interphotoreceptor matrix proteoglycan 1 (IMPG1), mRNA;  
 gi|6633805|ref|NM\_005332.2| Homo sapiens hemoglobin, zeta (HBZ), mRNA;  
 gi|66346649|ref|NM\_147782.2| Homo sapiens cathepsin B (CTSB), transcript variant 4, mRNA; gi|66346649|ref|NM\_147782.2| Homo sapiens cathepsin B (CTSB), transcript variant 4, mRNA;  
 gi|66346651|ref|NM\_015366.3| Homo sapiens proline rich 5 (renal) (PRR5), transcript variant 2, mRNA; gi|66346651|ref|NM\_015366.3| Homo sapiens proline rich 5 (renal) (PRR5), transcript variant 2, mRNA;  
 gi|66346661|ref|NM\_001017526.1| Homo sapiens Rho GTPase activating protein 8 (ARHGAP8), transcript v  
 gi|66346671|ref|NM\_001018037.1| Homo sapiens vacuolar protein sorting 13 homolog A (S. cerevisiae) (V  
 gi|66346684|ref|NM\_015640.3| Homo sapiens SERPINE1 mRNA binding protein 1 (SERBP1), transcript varia  
 gi|66346686|ref|NM\_015881.5| Homo sapiens dickkopf 3 homolog (Xenopus laevis) (DKK3), transcript varia  
 gi|66346690|ref|NM\_014420.2| Homo sapiens dickkopf homolog 4 (Xenopus laevis) (DKK4), mRNA;  
 gi|66346694|ref|NM\_001999.3| Homo sapiens fibrillin 2 (FBN2), mRNA;  
 gi|66346697|ref|NM\_000263.3| Homo sapiens N-acetylglucosaminidase, alpha (NAGLU), mRNA;  
 gi|66346701|ref|NM\_153006.2| Homo sapiens N-acetylglutamate synthase (NAGS), mRNA;  
 gi|66346702|ref|NM\_024611.4| Homo sapiens NMDA receptor regulated 2 (NARG2), transcript variant 1, n  
 gi|66346705|ref|NM\_173808.2| Homo sapiens neuronal growth regulator 1 (NEGR1), mRNA;  
 gi|66346707|ref|NM\_004742.2| Homo sapiens membrane associated guanylate kinase, WW and PDZ doma  
 gi|66346709|ref|NM\_012301.3| Homo sapiens membrane associated guanylate kinase, WW and PDZ doma  
 gi|66346710|ref|NM\_000529.2| Homo sapiens melanocortin 2 receptor (adrenocorticotrophic hormone) (M  
 gi|66346720|ref|NM\_004563.2| Homo sapiens phosphoenolpyruvate carboxykinase 2 (mitochondrial) (PCK  
 gi|66346726|ref|NM\_005670.3| Homo sapiens epilepsy, progressive myoclonus type 2A, Lafora disease (laf  
 gi|66346729|ref|NM\_001015001.1| Homo sapiens creatine kinase, mitochondrial 1A (CKMT1A), nuclear ge  
 gi|66346731|ref|NM\_020990.3| Homo sapiens creatine kinase, mitochondrial 1B (CKMT1B), nuclear gene e  
 gi|66346732|ref|NM\_001289.4| Homo sapiens chloride intracellular channel 2 (CLIC2), mRNA;  
 gi|66346736|ref|NM\_198141.2| Homo sapiens glucosidase, alpha; neutral C (GANC), mRNA;

gi|66347874|ref|NM\_001733.4| Homo sapiens complement component 1, r subcomponent (C1R), mRNA;

gi|66348044|ref|NM\_016478.3| Homo sapiens zinc finger, C3HC-type containing 1 (ZC3HC1), mRNA;

gi|66348147|ref|NM\_207341.2| Homo sapiens zona pellucida glycoprotein 1 (sperm receptor) (ZP1), mRNA

gi|66363682|ref|NM\_003905.3| Homo sapiens NEDD8 activating enzyme E1 subunit 1 (NAE1), transcript va

gi|66363693|ref|NM\_001018837.1| Homo sapiens HCLS1 associated protein X-1 (HAX1), transcript variant :

gi|66392156|ref|NM\_001013838.1| Homo sapiens RGD motif, leucine rich repeats, tropomodulin domain a

gi|66472905|ref|NR\_002315.1| Homo sapiens H3 histone, family 3A, pseudogene 4 (H3F3AP4), non-coding

gi|66472919|ref|NM\_013238.2| Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 15 (DNAJC15),

gi|66472921|ref|NM\_001018116.1| Homo sapiens muscle-related coiled-coil protein (MURC), mRNA;

gi|66528192|ref|NM\_000176.2| Homo sapiens nuclear receptor subfamily 3, group C, member 1 (glucocort

gi|66528784|ref|NM\_001018113.1| Homo sapiens Fanconi anemia, complementation group B (FANCB), tra

gi|66528797|ref|NM\_033084.3| Homo sapiens Fanconi anemia, complementation group D2 (FANCD2), trar

gi|66528900|ref|NM\_000510.2| Homo sapiens follicle stimulating hormone, beta polypeptide (FSHB), trans

gi|66529004|ref|NM\_005688.2| Homo sapiens ATP-binding cassette, sub-family C (CFTR/MRP), member 5 (

gi|66529395|ref|NM\_001018161.1| Homo sapiens paraoxonase 2 (PON2), transcript variant 2, mRNA; gi|66

gi|66730420|ref|NM\_198505.2| Homo sapiens ATPase type 13A5 (ATP13A5), mRNA;

gi|66737369|ref|NM\_001024211.1| Homo sapiens S100 calcium binding protein A13 (S100A13), transcript

gi|66773037|ref|NM\_017913.2| Homo sapiens cell division cycle 37 homolog (*S. cerevisiae*)-like 1 (CDC37L1

gi|66773039|ref|NM\_203453.2| Homo sapiens phosphatidic acid phosphatase type 2 domain containing 2 (

gi|66879661|ref|NM\_001024227.1| Homo sapiens ADP-ribosylation factor 1 (ARF1), transcript variant 1, m

gi|66879665|ref|NM\_001018112.1| Homo sapiens Fanconi anemia, complementation group A (FANCA), tra

gi|66879667|ref|NM\_021922.2| Homo sapiens Fanconi anemia, complementation group E (FANCE), mRNA;

gi|66912163|ref|NM\_001024607.1| Homo sapiens chromosome 7 open reading frame 66 (C7orf66), mRNA

gi|66912169|ref|NM\_001024603.1| Homo sapiens uncharacterized protein LOC154872 (LOC154872), mRN

gi|66912175|ref|NM\_001024611.1| Homo sapiens leucine rich repeat containing 66 (LRRC66), mRNA;

gi|66932892|ref|NM\_031940.3| Homo sapiens TM2 domain containing 2 (TM2D2), transcript variant 2, mR

gi|66932901|ref|NM\_012235.2| Homo sapiens SREBF chaperone (SCAP), mRNA;

gi|66932905|ref|NM\_002565.3| Homo sapiens pyrimidinergic receptor P2Y, G-protein coupled, 4 (P2RY4), r

gi|66932906|ref|NM\_015886.3| Homo sapiens peptidase inhibitor 15 (PI15), mRNA;

gi|66932907|ref|NM\_006262.3| Homo sapiens peripherin (PRPH), mRNA;

gi|66932908|ref|NM\_001020658.1| Homo sapiens pumilio homolog 1 (*Drosophila*) (PUM1), transcript varia

gi|66932917|ref|NM\_006343.2| Homo sapiens c-mer proto-oncogene tyrosine kinase (MERTK), mRNA;

gi|66932926|ref|NM\_001020820.1| Homo sapiens myeloid-associated differentiation marker (MYADM), tra

gi|66932931|ref|NM\_001018011.1| Homo sapiens zinc finger and BTB domain containing 16 (ZBTB16), tran

gi|66932939|ref|NM\_005283.2| Homo sapiens chemokine (C motif) receptor 1 (XCR1), transcript variant 1,

gi|66932942|ref|NM\_013452.2| Homo sapiens variable charge, X-linked (VCX), mRNA;

gi|66932946|ref|NM\_000014.4| Homo sapiens alpha-2-macroglobulin (A2M), mRNA;

gi|66932948|ref|NM\_032279.2| Homo sapiens ATPase type 13A4 (ATP13A4), mRNA;

gi|66932969|ref|NM\_001024070.1| Homo sapiens GTP cyclohydrolase 1 (GCH1), transcript variant 3, mRNA/

gi|66932974|ref|NM\_001024218.1| Homo sapiens gephyrin (GPHN), transcript variant 2, mRNA; gi|669329

gi|66932985|ref|NM\_001024215.1| Homo sapiens filamin binding LIM protein 1 (FBLIM1), transcript varian

gi|66932989|ref|NM\_001018078.1| Homo sapiens folylpolyglutamate synthase (FPGS), nuclear gene encod

gi|66932998|ref|NM\_006285.2| Homo sapiens testis-specific kinase 1 (TESK1), mRNA;

gi|66933002|ref|NM\_052831.2| Homo sapiens solute carrier family 18, subfamily B, member 1 (SLC18B1), r

gi|66933003|ref|NM\_001746.3| Homo sapiens calnexin (CANX), transcript variant 1, mRNA; gi|66933004|r

gi|66933006|ref|NM\_016217.2| Homo sapiens headcase homolog (*Drosophila*) (HECA), mRNA;

gi|66933008|ref|NM\_001024382.1| Homo sapiens hydroxymethylbilane synthase (HMBS), transcript varian

gi|66933011|ref|NM\_001024372.1| Homo sapiens brain and acute leukemia, cytoplasmic (BAALC), transcript  
 gi|66933013|ref|NM\_020139.3| Homo sapiens 3-hydroxybutyrate dehydrogenase, type 2 (BDH2), mRNA;  
 gi|66933015|ref|NM\_000884.2| Homo sapiens IMP (inosine 5'-monophosphate) dehydrogenase 2 (IMPDH2)  
 gi|66933017|ref|NM\_006774.4| Homo sapiens indolethylamine N-methyltransferase (INMT), transcript vari  
 gi|66934968|ref|NM\_004348.3| Homo sapiens runt-related transcription factor 2 (RUNX2), transcript variar  
 gi|66954680|ref|NM\_001024661.1| Homo sapiens PRAME family member 13 (PRAMEF13), mRNA;  
 gi|67003565|ref|NM\_001024680.1| Homo sapiens F-box protein 48 (FBXO48), mRNA;  
 gi|67003575|ref|NM\_001024675.1| Homo sapiens actin-like 10 (ACTL10), mRNA;  
 gi|67003580|ref|NM\_001024601.2| Homo sapiens chromosome 1 open reading frame 227 (C1orf227), mR  
 gi|67010012|ref|NM\_001024683.1| Homo sapiens zinc finger protein 688 (ZNF688), transcript variant 2, m  
 gi|67010024|ref|NM\_003112.3| Homo sapiens Sp4 transcription factor (SP4), mRNA;  
 gi|67078403|ref|NM\_016011.2| Homo sapiens mitochondrial trans-2-enoyl-CoA reductase (MECR), nuclear  
 gi|67083697|ref|NM\_005313.4| Homo sapiens protein disulfide isomerase family A, member 3 (PDIA3), mR  
 gi|67089143|ref|NM\_052939.3| Homo sapiens Fc receptor-like 3 (FCRL3), mRNA;  
 gi|67089146|ref|NM\_004462.3| Homo sapiens farnesyl-diphosphate farnesyltransferase 1 (FDFT1), mRNA;  
 gi|67089152|ref|NM\_002675.3| Homo sapiens promyelocytic leukemia (PML), transcript variant 6, mRNA; {  
 gi|67188430|ref|NM\_025240.2| Homo sapiens CD276 molecule (CD276), transcript variant 2, mRNA; gi|67:  
 gi|67188783|ref|NM\_000329.2| Homo sapiens retinal pigment epithelium-specific protein 65kDa (RPE65), r  
 gi|67189547|ref|NM\_000970.3| Homo sapiens ribosomal protein L6 (RPL6), transcript variant 2, mRNA; gi|  
 gi|67189763|ref|NM\_002485.4| Homo sapiens nibrin (NBN), mRNA;  
 gi|67190735|ref|NM\_001024808.1| Homo sapiens B-cell CLL/lymphoma 7A (BCL7A), transcript variant 2, m  
 gi|67191026|ref|NM\_000885.4| Homo sapiens integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 r  
 gi|67191181|ref|NR\_002318.2| Homo sapiens cation channel, sperm associated 2 pseudogene 1 (CATSPER2  
 gi|67514034|ref|NM\_003478.3| Homo sapiens cullin 5 (CUL5), mRNA;  
 gi|67782302|ref|NM\_001024593.1| Homo sapiens MSS51 mitochondrial translational activator homolog (S  
 gi|67782304|ref|NM\_000636.2| Homo sapiens superoxide dismutase 2, mitochondrial (SOD2), nuclear gen  
 gi|67782310|ref|NM\_006929.4| Homo sapiens superkiller viralicidic activity 2-like (S. cerevisiae) (SKIV2L), n  
 gi|67782312|ref|NM\_006934.2| Homo sapiens solute carrier family 6 (neurotransmitter transporter, glycine  
 gi|67782322|ref|NM\_019599.2| Homo sapiens taste receptor, type 2, member 1 (TAS2R1), mRNA;  
 gi|67782339|ref|NM\_005166.3| Homo sapiens amyloid beta (A4) precursor-like protein 1 (APLP1), transcript  
 gi|67782340|ref|NM\_018154.2| Homo sapiens ASF1 anti-silencing function 1 homolog B (S. cerevisiae) (ASF  
 gi|67782345|ref|NM\_005576.2| Homo sapiens lysyl oxidase-like 1 (LOXL1), mRNA;  
 gi|67782347|ref|NM\_002318.2| Homo sapiens lysyl oxidase-like 2 (LOXL2), mRNA;  
 gi|67782348|ref|NM\_032211.6| Homo sapiens lysyl oxidase-like 4 (LOXL4), mRNA;  
 gi|67782353|ref|NM\_001024844.1| Homo sapiens CD82 molecule (CD82), transcript variant 2, mRNA; gi|6:  
 gi|67782361|ref|NM\_019030.2| Homo sapiens DEAH (Asp-Glu-Ala-His) box polypeptide 29 (DHX29), mRNA;  
 gi|67782364|ref|NM\_005556.3| Homo sapiens keratin 7 (KRT7), mRNA;  
 gi|67906173|ref|NM\_001024401.2| Homo sapiens SH3-binding domain kinase 1 (SBK1), mRNA;  
 gi|67906194|ref|NM\_173551.3| Homo sapiens ankyrin repeat and sterile alpha motif domain containing 6 (  
 gi|67906810|ref|NM\_023920.2| Homo sapiens taste receptor, type 2, member 13 (TAS2R13), mRNA;  
 gi|67906818|ref|NM\_000429.2| Homo sapiens methionine adenosyltransferase I, alpha (MAT1A), mRNA;  
 gi|67906819|ref|NM\_002904.5| Homo sapiens RD RNA binding protein (RDBP), mRNA;  
 gi|67944632|ref|NM\_178237.2| Homo sapiens exocyst complex component 1 (EXOC1), transcript variant 2,  
 gi|67944635|ref|NM\_031947.2| Homo sapiens solute carrier family 25 (mitochondrial carrier; ornithine tra  
 gi|67944636|ref|NM\_016943.2| Homo sapiens taste receptor, type 2, member 3 (TAS2R3), mRNA;  
 gi|67944637|ref|NM\_018980.2| Homo sapiens taste receptor, type 2, member 5 (TAS2R5), mRNA;  
 gi|67944638|ref|NM\_016562.3| Homo sapiens toll-like receptor 7 (TLR7), mRNA;

gi|68051719|ref|NM\_006088.5| Homo sapiens tubulin, beta 4B class IVb (TUBB4B), mRNA;

gi|6806883|ref|NM\_003734.2| Homo sapiens amine oxidase, copper containing 3 (vascular adhesion protei

gi|6806892|ref|NM\_000595.2| Homo sapiens lymphotoxin alpha (TNF superfamily, member 1) (LTA), trans

gi|68077165|ref|NM\_001012339.2| Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 21 (DNAJC

gi|68160909|ref|NM\_005617.3| Homo sapiens ribosomal protein S14 (RPS14), transcript variant 3, mRNA; {

gi|68160918|ref|NM\_145250.3| Homo sapiens ribonuclease, RNase A family, 11 (non-active) (RNASE11), m

gi|68160936|ref|NM\_005082.4| Homo sapiens tripartite motif containing 25 (TRIM25), mRNA;

gi|68160949|ref|NM\_016945.2| Homo sapiens taste receptor, type 2, member 16 (TAS2R16), mRNA;

gi|68160950|ref|NM\_023919.2| Homo sapiens taste receptor, type 2, member 7 (TAS2R7), mRNA;

gi|68160953|ref|NM\_023917.2| Homo sapiens taste receptor, type 2, member 9 (TAS2R9), mRNA;

gi|68160956|ref|NM\_003264.3| Homo sapiens toll-like receptor 2 (TLR2), mRNA;

gi|68160957|ref|NM\_000474.3| Homo sapiens twist homolog 1 (Drosophila) (TWIST1), mRNA;

gi|68161503|ref|NM\_001024936.1| Homo sapiens WAS protein family, member 1 (WASF1), transcript varia

gi|68161521|ref|NM\_001025069.1| Homo sapiens cAMP-regulated phosphoprotein, 21kDa (ARPP21), trans

gi|68161536|ref|NM\_033259.2| Homo sapiens calcium/calmodulin-dependent protein kinase II inhibitor 2 (

gi|68215223|ref|NM\_003965.4| Homo sapiens chemokine (C-C motif) receptor-like 2 (CCRL2), transcript va

gi|68215584|ref|NM\_019113.2| Homo sapiens fibroblast growth factor 21 (FGF21), mRNA;

gi|68216043|ref|NM\_002609.3| Homo sapiens platelet-derived growth factor receptor, beta polypeptide (F

gi|68216098|ref|NM\_012413.3| Homo sapiens glutaminyl-peptide cyclotransferase (QPCT), mRNA;

gi|68216211|ref|NM\_152869.2| Homo sapiens regucalcin (senescence marker protein-30) (RGN), transcript

gi|68216257|ref|NM\_000981.3| Homo sapiens ribosomal protein L19 (RPL19), mRNA;

gi|68223313|ref|NM\_198793.2| Homo sapiens CD47 molecule (CD47), transcript variant 2, mRNA; gi|6822:

gi|68299753|ref|NM\_014612.3| Homo sapiens family with sequence similarity 120A (FAM120A), mRNA;

gi|68299758|ref|NM\_005665.4| Homo sapiens ecotropic viral integration site 5 (EVI5), mRNA;

gi|68299766|ref|NM\_001086.2| Homo sapiens arylacetamide deacetylase (esterase) (AADAC), mRNA;

gi|68299771|ref|NM\_001069.2| Homo sapiens tubulin, beta 2A class IIa (TUBB2A), mRNA;

gi|68299794|ref|NM\_001270.2| Homo sapiens chromodomain helicase DNA binding protein 1 (CHD1), mRN

gi|68299798|ref|NM\_174895.1| Homo sapiens Purkinje cell protein 2 (PCP2), mRNA;

gi|68299819|ref|NM\_021965.3| Homo sapiens phosphoglucomutase 5 (PGM5), mRNA;

gi|68303548|ref|NM\_001024946.1| Homo sapiens argininosuccinate lyase (ASL), transcript variant 4, mRNA/

gi|68303552|ref|NM\_005165.2| Homo sapiens aldolase C, fructose-bisphosphate (ALDOC), mRNA;

gi|68303554|ref|NM\_014862.3| Homo sapiens aryl-hydrocarbon receptor nuclear translocator 2 (ARNT2), r

gi|68303564|ref|NM\_001025097.1| Homo sapiens proteasome (prosome, macropain) subunit, alpha type,

gi|68303568|ref|NM\_001025104.1| Homo sapiens casein alpha s1 (CSN1S1), transcript variant 2, mRNA; gi|

gi|68303574|ref|NM\_001025105.1| Homo sapiens casein kinase 1, alpha 1 (CSNK1A1), transcript variant 1,

gi|68303806|ref|NM\_000791.3| Homo sapiens dihydrofolate reductase (DHFR), mRNA;

gi|68342028|ref|NR\_002324.1| Homo sapiens small nucleolar RNA, H/ACA box 62 (SNORA62), small nucleo

gi|68342029|ref|NM\_001803.2| Homo sapiens CD52 molecule (CD52), mRNA;

gi|68348700|ref|NM\_015399.3| Homo sapiens breast cancer metastasis suppressor 1 (BRMS1), transcript v

gi|68348705|ref|NM\_015033.2| Homo sapiens formin binding protein 1 (FNBP1), mRNA;

gi|68348706|ref|NM\_032352.3| Homo sapiens breast cancer metastasis-suppressor 1-like (BRMS1L), mRNA/

gi|68348710|ref|NM\_001243.3| Homo sapiens tumor necrosis factor receptor superfamily, member 8 (TNF

gi|68348715|ref|NM\_001025108.1| Homo sapiens AF4/FMR2 family, member 3 (AFF3), transcript variant 2

gi|68348720|ref|NM\_152866.2| Homo sapiens membrane-spanning 4-domains, subfamily A, member 1 (M

gi|68448540|ref|NM\_006980.3| Homo sapiens mitochondrial transcription termination factor (MTERF), nuc

gi|68508956|ref|NM\_001266.4| Homo sapiens carboxylesterase 1 (CES1), transcript variant 3, mRNA; gi|68

gi|68508960|ref|NM\_001812.2| Homo sapiens centromere protein C 1 (CENPC1), mRNA;

gi|68508969|ref|NM\_024164.5| Homo sapiens tryptase beta 2 (gene/pseudogene) (TPSB2), mRNA;

gi|68509269|ref|NM\_001488.3| Homo sapiens transcriptional adaptor 2A (TADA2A), transcript variant 1, m

gi|68509920|ref|NM\_001025161.1| Homo sapiens cytochrome P450, family 2, subfamily D, polypeptide 6 (

gi|68509925|ref|NM\_001358.2| Homo sapiens DEAH (Asp-Glu-Ala-His) box polypeptide 15 (DHX15), mRNA;

gi|68509929|ref|NM\_001025081.1| Homo sapiens myelin basic protein (MBP), transcript variant 1, mRNA;

gi|68510025|ref|NR\_002325.1| Homo sapiens small nucleolar RNA, H/ACA box 6 (SNORA6), small nucleolar

gi|68510026|ref|NR\_002327.1| Homo sapiens small nucleolar RNA, H/ACA box 10 (SNORA10), small nucleo

gi|68510027|ref|NR\_002326.1| Homo sapiens small nucleolar RNA, H/ACA box 64 (SNORA64), small nucleo

gi|68533231|ref|NM\_001001957.2| Homo sapiens olfactory receptor, family 2, subfamily W, member 3 (Of

gi|68533248|ref|NM\_018476.3| Homo sapiens brain expressed, X-linked 1 (BEX1), mRNA;

gi|68533259|ref|NM\_001025199.1| Homo sapiens chitinase 3-like 2 (CHI3L2), transcript variant 3, mRNA; g

gi|68534956|ref|NM\_015476.2| Homo sapiens tubulin polyglutamylase complex subunit 2 (TPGS2), mRNA;

gi|68563512|ref|NM\_001025232.1| Homo sapiens chronic lymphocytic leukemia up-regulated 1 opposite s

gi|68563514|ref|NM\_001025231.1| Homo sapiens keratinocyte proline-rich protein (KPRP), mRNA;

gi|68799813|ref|NM\_001025205.1| Homo sapiens adaptor-related protein complex 2, mu 1 subunit (AP2M

gi|68800031|ref|NM\_001025239.1| Homo sapiens tetraspanin 4 (TSPAN4), transcript variant 7, mRNA; gi|6

gi|68800039|ref|NM\_006758.2| Homo sapiens U2 small nuclear RNA auxiliary factor 1 (U2AF1), transcript v

gi|68800229|ref|NM\_001024855.1| Homo sapiens zinc finger protein 197 (ZNF197), transcript variant 2, mI

gi|68800349|ref|NM\_001025243.1| Homo sapiens interleukin-1 receptor-associated kinase 1 (IRAK1), trans

gi|68800429|ref|NM\_022460.3| Homo sapiens HCLS1 binding protein 3 (HS1BP3), mRNA;

gi|68989255|ref|NM\_004292.2| Homo sapiens Ras and Rab interactor 1 (RIN1), mRNA;

gi|68989266|ref|NM\_002762.2| Homo sapiens protamine 2 (PRM2), mRNA;

gi|6912245|ref|NM\_012099.1| Homo sapiens CD3e molecule, epsilon associated protein (CD3EAP), mRNA;

gi|6912283|ref|NM\_012113.1| Homo sapiens carbonic anhydrase XIV (CA14), mRNA;

gi|69122930|ref|NM\_001025247.1| Homo sapiens TAF5-like RNA polymerase II, p300/CBP-associated facto

gi|69122970|ref|NM\_001012727.1| Homo sapiens 1-acylglycerol-3-phosphate O-acyltransferase 2 (lysopho

gi|69122993|ref|NM\_005959.3| Homo sapiens melatonin receptor 1B (MTNR1B), mRNA;

gi|6912325|ref|NM\_012135.1| Homo sapiens family with sequence similarity 50, member B (FAM50B), mRI

gi|6912395|ref|NM\_012203.1| Homo sapiens glyoxylate reductase/hydroxypyruvate reductase (GRHPR), m

gi|6912437|ref|NM\_012278.1| Homo sapiens integrin beta 1 binding protein (melusin) 2 (ITGB1BP2), mRN

gi|6912443|ref|NM\_012283.1| Homo sapiens potassium voltage-gated channel, subfamily G, member 2 (KC

gi|6912473|ref|NM\_012313.1| Homo sapiens killer cell immunoglobulin-like receptor, two domains, short c

gi|6912551|ref|NM\_012352.1| Homo sapiens olfactory receptor, family 1, subfamily A, member 2 (OR1A2),

gi|6912553|ref|NM\_012360.1| Homo sapiens olfactory receptor, family 1, subfamily F, member 1 (OR1F1),

gi|6912603|ref|NM\_012403.1| Homo sapiens acidic (leucine-rich) nuclear phosphoprotein 32 family, memt

gi|6912667|ref|NM\_012243.1| Homo sapiens solute carrier family 35 (UDP-N-acetylglucosamine (UDP-GlcN

gi|69128030|ref|NM\_020133.2| Homo sapiens 1-acylglycerol-3-phosphate O-acyltransferase 4 (lysophosph

gi|69354731|ref|NM\_001090.2| Homo sapiens ATP-binding cassette, sub-family F (GCN20), member 1 (ABC

gi|69885083|ref|NM\_004424.3| Homo sapiens E4F transcription factor 1 (E4F1), mRNA;

gi|6996015|ref|NM\_009588.1| Homo sapiens lymphotoxin beta (TNF superfamily, member 3) (LTB), transcr

gi|70167126|ref|NM\_001215.2| Homo sapiens carbonic anhydrase VI (CA6), mRNA;

gi|70167225|ref|NM\_006460.2| Homo sapiens hexamethylene bis-acetamide inducible 1 (HEXIM1), mRNA;

gi|7019376|ref|NM\_013393.1| Homo sapiens FtsJ homolog 2 (E. coli) (FTSJ2), mRNA;

gi|7019548|ref|NM\_013351.1| Homo sapiens T-box 21 (TBX21), mRNA;

gi|70608095|ref|NM\_031954.3| Homo sapiens potassium channel tetramerisation domain containing 10 (K

gi|70608108|ref|NM\_017864.2| Homo sapiens integrator complex subunit 8 (INTS8), mRNA;

gi|70608117|ref|NR\_002191.2| Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 2 pseuc

gi|70608167|ref|NM\_001025295.1| Homo sapiens interferon induced transmembrane protein 5 (IFITM5), r

gi|70608169|ref|NM\_005519.1| Homo sapiens H6 family homeobox 2 (HMX2), mRNA;

gi|70608184|ref|NM\_001025266.1| Homo sapiens chromosome 3 open reading frame 70 (C3orf70), mRNA

gi|70608192|ref|NM\_005079.2| Homo sapiens tumor protein D52 (TPD52), transcript variant 3, mRNA; gi|7

gi|70608212|ref|NR\_002147.2| Homo sapiens myosin, heavy chain 16 pseudogene (MYH16), non-coding RN

gi|70609878|ref|NM\_002952.3| Homo sapiens ribosomal protein S2 (RPS2), mRNA;

gi|70609879|ref|NM\_002295.4| Homo sapiens ribosomal protein SA (RPSA), transcript variant 1, mRNA; gi|

gi|70609888|ref|NM\_001006.3| Homo sapiens ribosomal protein S3A (RPS3A), mRNA;

gi|70610135|ref|NM\_003631.2| Homo sapiens poly (ADP-ribose) glycohydrolase (PARG), mRNA;

gi|70778758|ref|NM\_003412.3| Homo sapiens Zic family member 1 (ZIC1), mRNA;

gi|70778877|ref|NR\_002330.1| Homo sapiens ST7 antisense RNA 1 (non-protein coding) (ST7-AS1), antisense

gi|70778880|ref|NR\_002329.1| Homo sapiens ST7 overlapping transcript 4 (non-protein coding) (ST7-OT4),

gi|70778917|ref|NM\_002216.2| Homo sapiens inter-alpha-trypsin inhibitor heavy chain 2 (ITIH2), mRNA;

gi|70780382|ref|NM\_004285.3| Homo sapiens hexose-6-phosphate dehydrogenase (glucose 1-dehydrogen

gi|70794817|ref|NM\_144567.3| Homo sapiens angel homolog 2 (Drosophila) (ANGEL2), mRNA;

gi|70887779|ref|NM\_001025436.1| Homo sapiens sperm associated antigen 16 (SPAG16), transcript varian

gi|70906425|ref|NM\_001025389.1| Homo sapiens adenosine monophosphate deaminase 3 (AMPD3), tran

gi|70906431|ref|NM\_021575.2| Homo sapiens adaptor-related protein complex 2, sigma 1 subunit (AP2S1)

gi|70906432|ref|NM\_000508.3| Homo sapiens fibrinogen alpha chain (FGA), transcript variant alpha-E, mRN

gi|70906436|ref|NM\_000509.4| Homo sapiens fibrinogen gamma chain (FGG), transcript variant gamma-A,

gi|70906440|ref|NM\_001025248.1| Homo sapiens deoxyuridine triphosphatase (DUT), nuclear gene encodi

gi|70980530|ref|NM\_018318.3| Homo sapiens coiled-coil domain containing 91 (CCDC91), mRNA;

gi|70980545|ref|NM\_176880.4| Homo sapiens nuclear receptor 2C2-associated protein (NR2C2AP), mRNA;

gi|70980546|ref|NM\_022340.2| Homo sapiens zinc finger, FYVE domain containing 20 (ZFYVE20), mRNA;

gi|70980548|ref|NM\_014976.1| Homo sapiens programmed cell death 11 (PDCD11), mRNA;

gi|70995167|ref|NM\_015365.2| Homo sapiens Alport syndrome, mental retardation, midface hypoplasia ar

gi|70995210|ref|NM\_001398.2| Homo sapiens enoyl CoA hydratase 1, peroxisomal (ECH1), mRNA;

gi|70995240|ref|NM\_017664.2| Homo sapiens ankyrin repeat domain 10 (ANKRD10), mRNA;

gi|70995266|ref|NM\_173505.2| Homo sapiens ankyrin repeat domain 29 (ANKRD29), mRNA;

gi|70995318|ref|NM\_002506.2| Homo sapiens nerve growth factor (beta polypeptide) (NGF), mRNA;

gi|70995421|ref|NM\_001025434.1| Homo sapiens NAD(P)H dehydrogenase, quinone 1 (NQO1), transcript v

gi|71037406|ref|NM\_024620.3| Homo sapiens zinc finger protein 329 (ZNF329), mRNA;

gi|71040087|ref|NM\_000449.3| Homo sapiens regulatory factor X, 5 (influences HLA class II expression) (RF

gi|71040088|ref|NM\_014447.2| Homo sapiens ADP-ribosylation factor interacting protein 1 (ARFIP1), trans

gi|71040095|ref|NM\_181720.2| Homo sapiens Rho GTPase activating protein 30 (ARHGAP30), transcript va

gi|71040099|ref|NM\_001025604.1| Homo sapiens arrestin domain containing 2 (ARRDC2), transcript variar

gi|71040110|ref|NM\_002023.3| Homo sapiens fibromodulin (FMOD), mRNA;

gi|71040112|ref|NR\_002323.1| Homo sapiens taurine upregulated 1 (non-protein coding) (TUG1), non-codi

gi|71043496|ref|NM\_152756.3| Homo sapiens RPTOR independent companion of MTOR, complex 2 (RICTC

gi|71043497|ref|NM\_001010887.2| Homo sapiens alkaline ceramidase 2 (ACER2), mRNA;

gi|71043499|ref|NM\_173593.3| Homo sapiens beta-1,4-N-acetyl-galactosaminyl transferase 3 (B4GALNT3),

gi|71043641|ref|NM\_001013646.2| Homo sapiens family with sequence similarity 209, member B (FAM209

gi|71043875|ref|NM\_003577.2| Homo sapiens undifferentiated embryonic cell transcription factor 1 (UTF1

gi|71043931|ref|NM\_182521.2| Homo sapiens zinc finger, SWIM-type containing 2 (ZSWIM2), mRNA;

gi|71043965|ref|NM\_030636.2| Homo sapiens endonuclease/exonuclease/phosphatase family domain con

gi|71051594|ref|NM\_145023.4| Homo sapiens coiled-coil domain containing 7 (CCDC7), transcript variant 1

gi|71051597|ref|NM\_016075.2| Homo sapiens vacuolar protein sorting 36 homolog (S. cerevisiae) (VPS36),



gi|71051599|ref|NM\_016014.2| Homo sapiens family with sequence similarity 108, member B1 (FAM108B);

gi|71061467|ref|NM\_001813.2| Homo sapiens centromere protein E, 312kDa (CENPE), mRNA;

gi|7108347|ref|NM\_005317.2| Homo sapiens granzyme M (lymphocyte met-ase 1) (GZMM), mRNA;

gi|7108366|ref|NM\_005428.2| Homo sapiens vav 1 guanine nucleotide exchange factor (VAV1), mRNA;

gi|71143103|ref|NM\_001029859.1| Homo sapiens potassium channel tetramerisation domain containing 2

gi|71143107|ref|NM\_031941.3| Homo sapiens Usher syndrome 1C binding protein 1 (USHBP1), mRNA;

gi|71143110|ref|NM\_001010851.2| Homo sapiens zinc finger protein 766 (ZNF766), mRNA;

gi|71143111|ref|NM\_018124.3| Homo sapiens ring finger and WD repeat domain 3 (RFWD3), mRNA;

gi|71143118|ref|NM\_015073.1| Homo sapiens signal-induced proliferation-associated 1 like 3 (SIPA1L3), m

gi|71143122|ref|NM\_152551.3| Homo sapiens small nuclear ribonucleoprotein 48kDa (U11/U12) (SNRNP4

gi|71143126|ref|NM\_015232.1| Homo sapiens IQ motif and Sec7 domain 3 (IQSEC3), transcript variant 2, r

gi|71143131|ref|NM\_001817.2| Homo sapiens carcinoembryonic antigen-related cell adhesion molecule 4

gi|71143134|ref|NM\_021057.2| Homo sapiens interferon, alpha 7 (IFNA7), mRNA;

gi|71143136|ref|NM\_005342.2| Homo sapiens high mobility group box 3 (HMGB3), mRNA;

gi|71143138|ref|NM\_015868.2| Homo sapiens killer cell immunoglobulin-like receptor, two domains, long (

gi|71143155|ref|NM\_001029863.1| Homo sapiens chromosome 6 open reading frame 120 (C6orf120), mR

gi|71164877|ref|NM\_001016.3| Homo sapiens ribosomal protein S12 (RPS12), mRNA;

gi|71164878|ref|NM\_001009.3| Homo sapiens ribosomal protein S5 (RPS5), mRNA;

gi|71164879|ref|NM\_001008.3| Homo sapiens ribosomal protein S4, Y-linked 1 (RPS4Y1), mRNA;

gi|71164880|ref|NM\_001011.3| Homo sapiens ribosomal protein S7 (RPS7), mRNA;

gi|71164881|ref|NM\_001013.3| Homo sapiens ribosomal protein S9 (RPS9), mRNA;

gi|71164882|ref|NM\_003384.2| Homo sapiens vaccinia related kinase 1 (VRK1), mRNA;

gi|71164887|ref|NM\_001025778.1| Homo sapiens vaccinia related kinase 3 (VRK3), transcript variant 2, mF

gi|71164889|ref|NM\_152654.2| Homo sapiens DAN domain family, member 5 (DAND5), mRNA;

gi|71164891|ref|NM\_022469.3| Homo sapiens gremlin 2 (GREM2), mRNA;

gi|71164895|ref|NM\_139281.2| Homo sapiens WD repeat domain 36 (WDR36), mRNA;

gi|71164896|ref|NM\_014023.3| Homo sapiens WD repeat domain 37 (WDR37), mRNA;

gi|71274106|ref|NM\_006500.2| Homo sapiens melanoma cell adhesion molecule (MCAM), mRNA;

gi|71274108|ref|NM\_004556.2| Homo sapiens nuclear factor of kappa light polypeptide gene enhancer in E

gi|71274112|ref|NM\_005946.2| Homo sapiens metallothionein 1A (MT1A), mRNA;

gi|71274135|ref|NM\_001029888.1| Homo sapiens family with sequence similarity 24, member A (FAM24A);

gi|71274141|ref|NM\_001029887.1| Homo sapiens helix bHLH transcription factor (HELT), mRNA;

gi|71274147|ref|NM\_001029884.1| Homo sapiens pleckstrin homology domain containing, family G (with F

gi|71274149|ref|NM\_001029885.1| Homo sapiens glycolipid transfer protein domain containing 1 (GLTPD1

gi|71274155|ref|NM\_001029881.1| Homo sapiens calcium and integrin binding family member 4 (CIB4), m

gi|71274163|ref|NM\_001029874.1| Homo sapiens RAB15 effector protein (REP15), mRNA;

gi|71274165|ref|NM\_001029875.1| Homo sapiens regulator of G-protein signaling 7 binding protein (RGS7)

gi|71274171|ref|NM\_001029870.1| Homo sapiens sosondowah ankyrin repeat domain family member B (S

gi|71274179|ref|NM\_001029869.1| Homo sapiens PLAC8-like 1 (PLAC8L1), mRNA;

gi|71274185|ref|NM\_001029864.1| Homo sapiens KIAA1755 (KIAA1755), mRNA;

gi|71284430|ref|NM\_001018.3| Homo sapiens ribosomal protein S15 (RPS15), mRNA;

gi|71361642|ref|NR\_002434.1| Homo sapiens small nucleolar RNA, C/D box 101 (SNORD101), small nucleol

gi|71361645|ref|NR\_002436.1| Homo sapiens small nucleolar RNA, H/ACA box 33 (SNORA33), small nucleo

gi|71361646|ref|NM\_173857.2| Homo sapiens vomeronasal 1 receptor 4 (VN1R4), mRNA;

gi|71361681|ref|NM\_006185.2| Homo sapiens nuclear mitotic apparatus protein 1 (NUMA1), mRNA;

gi|71361683|ref|NM\_002674.2| Homo sapiens pro-melanin-concentrating hormone (PMCH), mRNA;

gi|71361687|ref|NM\_002777.3| Homo sapiens proteinase 3 (PRTN3), mRNA;

gi|71480101|ref|NR\_002435.1| Homo sapiens small nucleolar RNA, C/D box 100 (SNORD100), small nucleol

gi|71480165|ref|NM\_025027.3| Homo sapiens zinc finger protein 606 (ZNF606), mRNA;

gi|71482588|ref|NM\_001020.4| Homo sapiens ribosomal protein S16 (RPS16), mRNA;

gi|71483115|ref|NM\_001024.3| Homo sapiens ribosomal protein S21 (RPS21), mRNA;

gi|71483645|ref|NM\_001029896.1| Homo sapiens WD repeat domain 45 (WDR45), transcript variant 2, mF

gi|71533177|ref|NR\_002437.1| Homo sapiens small nucleolar RNA, C/D box 54 (SNORD54), small nuclear R

gi|71533178|ref|NR\_002438.1| Homo sapiens ZFAT antisense RNA 1 (non-protein coding) (ZFAT-AS1), antis

gi|71559137|ref|NM\_001029.3| Homo sapiens ribosomal protein S26 (RPS26), mRNA;

gi|71559138|ref|NM\_144998.2| Homo sapiens stimulated by retinoic acid 13 homolog (mouse) (STRA13), n

gi|71565150|ref|NM\_000669.3| Homo sapiens alcohol dehydrogenase 1C (class I), gamma polypeptide (AD

gi|71565151|ref|NM\_000670.3| Homo sapiens alcohol dehydrogenase 4 (class II), pi polypeptide (ADH4), m

gi|71565153|ref|NM\_000671.3| Homo sapiens alcohol dehydrogenase 5 (class III), chi polypeptide (ADH5),

gi|71565158|ref|NM\_001031.4| Homo sapiens ribosomal protein S28 (RPS28), mRNA;

gi|71565159|ref|NM\_148674.3| Homo sapiens structural maintenance of chromosomes 1B (SMC1B), mRNA/

gi|71725335|ref|NM\_001030004.1| Homo sapiens hepatocyte nuclear factor 4, alpha (HNF4A), transcript v.

gi|71725349|ref|NM\_182752.3| Homo sapiens tumor protein p63 regulated 1-like (TPRG1L), mRNA;

gi|71725350|ref|NM\_021823.3| Homo sapiens phosphopantothencysteine decarboxylase (PPCDC), mRN

gi|71725359|ref|NM\_015042.1| Homo sapiens zinc finger protein 609 (ZNF609), mRNA;

gi|71772259|ref|NM\_000969.3| Homo sapiens ribosomal protein L5 (RPL5), mRNA;

gi|71772414|ref|NM\_001030009.1| Homo sapiens ribosomal protein S15a (RPS15A), transcript variant 1, m

gi|71772428|ref|NM\_001021.3| Homo sapiens ribosomal protein S17 (RPS17), mRNA;

gi|71772514|ref|NM\_001025.4| Homo sapiens ribosomal protein S23 (RPS23), mRNA;

gi|71772582|ref|NM\_001030001.1| Homo sapiens ribosomal protein S29 (RPS29), transcript variant 2, mRN

gi|71772837|ref|NM\_024798.2| Homo sapiens sorting nexin 22 (SNX22), mRNA;

gi|71773009|ref|NM\_001030007.1| Homo sapiens adaptor-related protein complex 1, gamma 1 subunit (A

gi|71773037|ref|NM\_001282.2| Homo sapiens adaptor-related protein complex 2, beta 1 subunit (AP2B1),

gi|71773109|ref|NM\_000482.3| Homo sapiens apolipoprotein A-IV (APOA4), mRNA;

gi|71773200|ref|NM\_001030018.1| Homo sapiens adenine phosphoribosyltransferase (APRT), transcript va

gi|71773207|ref|NM\_000683.3| Homo sapiens adrenergic, alpha-2C-, receptor (ADRA2C), mRNA;

gi|71773289|ref|NM\_000694.2| Homo sapiens aldehyde dehydrogenase 3 family, member B1 (ALDH3B1), t

gi|71773479|ref|NM\_001159.3| Homo sapiens aldehyde oxidase 1 (AOX1), mRNA;

gi|71773818|ref|NM\_001029989.1| Homo sapiens KIAA0101 (KIAA0101), transcript variant 2, mRNA; gi|71

gi|71774012|ref|NM\_014326.3| Homo sapiens death-associated protein kinase 2 (DAPK2), mRNA;

gi|71774196|ref|NM\_017944.3| Homo sapiens ubiquitin specific peptidase 47 (USP47), mRNA;

gi|71795634|ref|NR\_002440.1| Homo sapiens small nucleolar RNA, C/D box 16 (SNORD16), small nucleolar

gi|71795635|ref|NR\_002442.1| Homo sapiens small nucleolar RNA, C/D box 18B (SNORD18B), small nucleo

gi|71795636|ref|NR\_002439.1| Homo sapiens small nucleolar RNA, C/D box 43 (SNORD43), small nuclear R

gi|71795638|ref|NR\_002441.1| Homo sapiens small nucleolar RNA, C/D box 18A (SNORD18A), small nucleo

gi|71795641|ref|NR\_002443.1| Homo sapiens small nucleolar RNA, C/D box 18C (SNORD18C), small nucleol

gi|71834852|ref|NM\_001030047.1| Homo sapiens kallikrein-related peptidase 3 (KLK3), transcript variant 3

gi|71834860|ref|NM\_001173.2| Homo sapiens Rho GTPase activating protein 5 (ARHGAP5), transcript varia

gi|71834869|ref|NM\_001030019.1| Homo sapiens Sad1 and UNC84 domain containing 3 (SUN3), transcript

gi|71852581|ref|NM\_001030273.1| Homo sapiens aryl hydrocarbon receptor nuclear translocator-like (ARH

gi|71892471|ref|NM\_033281.5| Homo sapiens mitochondrial ribosomal protein S36 (MRPS36), nuclear gen

gi|71896666|ref|NM\_001010852.2| Homo sapiens clavesin 2 (CLVS2), mRNA;

gi|71902539|ref|NM\_000051.3| Homo sapiens ataxia telangiectasia mutated (ATM), mRNA;

gi|71979662|ref|NM\_004490.2| Homo sapiens growth factor receptor-bound protein 14 (GRB14), mRNA;

gi|71979669|ref|NM\_001048.3| Homo sapiens somatostatin (SST), mRNA;

gi|71979931|ref|NM\_003486.5| Homo sapiens solute carrier family 7 (amino acid transporter light chain, L

gi|71979936|ref|NM\_001030288.1| Homo sapiens sialophorin (SPN), transcript variant 1, mRNA; gi|718924

gi|71999130|ref|NM\_014322.2| Homo sapiens opsin 3 (OPN3), mRNA;

gi|71999134|ref|NM\_001029991.1| Homo sapiens methyltransferase like 17 (METTL17), transcript variant

gi|71999147|ref|NM\_006583.2| Homo sapiens retinal pigment epithelium-derived rhodopsin homolog (RRH

gi|71999148|ref|NM\_138817.2| Homo sapiens solute carrier family 7 (anionic amino acid transporter), mer

gi|72004264|ref|NM\_004045.3| Homo sapiens ATX1 antioxidant protein 1 homolog (yeast) (ATOX1), mRNA

gi|72004265|ref|NM\_015594.2| Homo sapiens TBC1 domain family, member 29 (TBC1D29), mRNA;

gi|72004268|ref|NM\_198479.2| Homo sapiens tetra-peptide repeat homeobox 1 (TPRX1), mRNA;

gi|72187675|ref|NM\_000971.3| Homo sapiens ribosomal protein L7 (RPL7), mRNA;

gi|72198345|ref|NM\_000657.2| Homo sapiens B-cell CLL/lymphoma 2 (BCL2), nuclear gene encoding mitoc

gi|72255552|ref|NR\_002447.1| Homo sapiens small nucleolar RNA, C/D box 24 (SNORD24), small nucleolar

gi|72255553|ref|NR\_002448.1| Homo sapiens small nucleolar RNA, C/D box 36A (SNORD36A), small nucleo

gi|72255573|ref|NM\_015555.2| Homo sapiens zinc finger protein 451 (ZNF451), transcript variant 2, mRNA

gi|72255577|ref|NM\_021992.2| Homo sapiens thymosin beta 15a (TMSB15A), mRNA;

gi|72255578|ref|NM\_021103.3| Homo sapiens thymosin beta 10 (TMSB10), mRNA;

gi|72256199|ref|NM\_004326.2| Homo sapiens B-cell CLL/lymphoma 9 (BCL9), mRNA;

gi|72377258|ref|NM\_000066.2| Homo sapiens complement component 8, beta polypeptide (C8B), mRNA;

gi|72377361|ref|NM\_000973.3| Homo sapiens ribosomal protein L8 (RPL8), transcript variant 1, mRNA; gi|

gi|72377390|ref|NM\_000661.4| Homo sapiens ribosomal protein L9 (RPL9), transcript variant 1, mRNA; gi|

gi|72384334|ref|NM\_001010877.2| Homo sapiens zinc finger protein 311 (ZNF311), mRNA;

gi|72384338|ref|NM\_201546.2| Homo sapiens CUB domain containing protein 2 (CDCP2), mRNA;

gi|72407914|ref|NM\_007104.4| Homo sapiens ribosomal protein L10a (RPL10A), mRNA;

gi|72534648|ref|NR\_002450.1| Homo sapiens small nucleolar RNA, C/D box 68 (SNORD68), small nucleolar

gi|72534685|ref|NM\_001031698.1| Homo sapiens PRP40 pre-mRNA processing factor 40 homolog B (S. cer

gi|72534783|ref|NM\_001031745.1| Homo sapiens RIB43A domain with coiled-coils 1 (RIBC1), transcript var

gi|72534837|ref|NM\_152760.2| Homo sapiens sorting nexin 32 (SNX32), mRNA;

gi|72534841|ref|NM\_018711.2| Homo sapiens SV2 related protein homolog (rat) (SVOP), mRNA;

gi|72535166|ref|NM\_001004317.2| Homo sapiens lin-28 homolog B (C. elegans) (LIN28B), mRNA;

gi|7262372|ref|NM\_004335.2| Homo sapiens bone marrow stromal cell antigen 2 (BST2), mRNA;

gi|7305502|ref|NM\_013442.1| Homo sapiens stomatin (EPB72)-like 2 (STOML2), mRNA;

gi|73088830|ref|NM\_004831.3| Homo sapiens mediator complex subunit 26 (MED26), mRNA;

gi|73088875|ref|NM\_175062.3| Homo sapiens RasGEF domain family, member 1C (RASGEF1C), mRNA;

gi|73088904|ref|NM\_152902.3| Homo sapiens TIP41, TOR signaling pathway regulator-like (S. cerevisiae) (T

gi|73088986|ref|NM\_183058.2| Homo sapiens lysozyme-like 2 (LYZL2), mRNA;

gi|7330338|ref|NM\_013938.1| Homo sapiens olfactory receptor, family 10, subfamily H, member 3 (OR10H

gi|73390139|ref|NM\_001031801.1| Homo sapiens LIM domain kinase 2 (LIMK2), transcript variant 1, mRNA/

gi|73390142|ref|NM\_032517.4| Homo sapiens lysozyme-like 1 (LYZL1), mRNA;

gi|73465985|ref|NM\_000382.2| Homo sapiens aldehyde dehydrogenase 3 family, member A2 (ALDH3A2), t

gi|73476376|ref|NM\_001031807.1| Homo sapiens SKI family transcriptional corepressor 1 (SKOR1), mRNA;

gi|73486648|ref|NM\_006138.4| Homo sapiens membrane-spanning 4-domains, subfamily A, member 3 (he

gi|73486654|ref|NM\_004464.3| Homo sapiens fibroblast growth factor 5 (FGF5), transcript variant 1, mRNA/

gi|73486657|ref|NM\_002080.2| Homo sapiens glutamic-oxaloacetic transaminase 2, mitochondrial (asparta

gi|73486660|ref|NM\_001091.2| Homo sapiens amiloride binding protein 1 (amine oxidase (copper-containi

gi|73486764|ref|NM\_005855.2| Homo sapiens receptor (G protein-coupled) activity modifying protein 1 (R

gi|73611919|ref|NM\_001030059.1| Homo sapiens phosphatidic acid phosphatase type 2 domain containi

gi|73611939|ref|NM\_001031834.1| Homo sapiens RAB40A, member RAS oncogene family-like (RAB40AL), mRNA;

gi|73620939|ref|NM\_006690.3| Homo sapiens matrix metalloproteinase 24 (membrane-inserted) (MMP24), mRNA;

gi|73620940|ref|NM\_022468.4| Homo sapiens matrix metalloproteinase 25 (MMP25), mRNA;

gi|73622122|ref|NM\_032991.2| Homo sapiens caspase 3, apoptosis-related cysteine peptidase (CASP3), transcript variant 1, mRNA;

gi|73622124|ref|NM\_033306.2| Homo sapiens caspase 4, apoptosis-related cysteine peptidase (CASP4), transcript variant 1, mRNA;

gi|73622127|ref|NM\_032992.2| Homo sapiens caspase 6, apoptosis-related cysteine peptidase (CASP6), transcript variant 1, mRNA;

gi|73622129|ref|NM\_001031827.1| Homo sapiens bolA homolog 2 (E. coli) (BOLA2), mRNA;

gi|73622133|ref|NM\_006551.3| Homo sapiens secretoglobin, family 1D, member 2 (SCGB1D2), mRNA;

gi|73622265|ref|NM\_002900.2| Homo sapiens retinol binding protein 3, interstitial (RBP3), mRNA;

gi|73623014|ref|NM\_033340.2| Homo sapiens caspase 7, apoptosis-related cysteine peptidase (CASP7), transcript variant 1, mRNA;

gi|73623031|ref|NM\_003737.2| Homo sapiens dachsous 1 (Drosophila) (DCHS1), mRNA;

gi|73623032|ref|NM\_001031848.1| Homo sapiens serpin peptidase inhibitor, clade B (ovalbumin), member 1 (SERPINF1), mRNA;

gi|73623034|ref|NM\_006461.3| Homo sapiens sperm associated antigen 5 (SPAG5), mRNA;

gi|73623396|ref|NM\_013230.2| Homo sapiens CD24 molecule (CD24), mRNA;

gi|73695464|ref|NM\_014979.1| Homo sapiens synaptic vesicle glycoprotein 2C (SV2C), mRNA;

gi|73695875|ref|NM\_004477.2| Homo sapiens FSHD region gene 1 (FRG1), mRNA;

gi|73695880|ref|NM\_001031615.1| Homo sapiens aldehyde dehydrogenase 3 family, member B2 (ALDH3B2), mRNA;

gi|73695940|ref|NM\_030918.5| Homo sapiens sorting nexin family member 27 (SNX27), mRNA;

gi|73695942|ref|NM\_001010927.2| Homo sapiens T-cell lymphoma invasion and metastasis 2 (TIAM2), transcript variant 1, mRNA;

gi|73747798|ref|NM\_022553.4| Homo sapiens vacuolar protein sorting 52 homolog (S. cerevisiae) (VPS52), mRNA;

gi|73747802|ref|NM\_000679.3| Homo sapiens adrenergic, alpha-1B-, receptor (ADRA1B), mRNA;

gi|73747815|ref|NM\_002104.2| Homo sapiens granzyme K (granzyme 3; tryptase II) (GZMK), mRNA;

gi|73747817|ref|NM\_013247.4| Homo sapiens HtrA serine peptidase 2 (HTRA2), nuclear gene encoding mitochondrial isoform, mRNA;

gi|73747827|ref|NM\_022151.4| Homo sapiens modulator of apoptosis 1 (MOAP1), mRNA;

gi|73747839|ref|NM\_001031855.1| Homo sapiens LON peptidase N-terminal domain and ring finger 3 (LON3), mRNA;

gi|73747874|ref|NM\_148919.3| Homo sapiens proteasome (prosome, macropain) subunit, beta type, 8 (large) (PSMD8), mRNA;

gi|73747878|ref|NM\_052834.2| Homo sapiens WD repeat domain 7 (WDR7), transcript variant 2, mRNA;

gi|73747880|ref|NM\_015113.3| Homo sapiens zinc finger, ZZ-type with EF-hand domain 1 (ZZEF1), mRNA;

gi|73747882|ref|NM\_001110.2| Homo sapiens ADAM metalloproteinase domain 10 (ADAM10), mRNA;

gi|73747888|ref|NM\_003183.4| Homo sapiens ADAM metalloproteinase domain 17 (ADAM17), mRNA;

gi|73747914|ref|NM\_000544.3| Homo sapiens transporter 2, ATP-binding cassette, sub-family B (MDR/TAP) (ABCB2), mRNA;

gi|73747923|ref|NM\_002800.4| Homo sapiens proteasome (prosome, macropain) subunit, beta type, 9 (large) (PSMD9), mRNA;

gi|73760397|ref|NR\_002556.1| Homo sapiens coiled-coil domain containing 101 pseudogene (LOC388242), pseudogene;

gi|73760398|ref|NR\_002557.1| Homo sapiens coiled-coil domain containing 101 pseudogene (LOC613038), pseudogene;

gi|73760411|ref|NR\_002454.2| Homo sapiens coronin, actin binding protein, 1A pseudogene (LOC606724), pseudogene;

gi|73765550|ref|NM\_003812.2| Homo sapiens ADAM metalloproteinase domain 23 (ADAM23), mRNA;

gi|73808265|ref|NM\_021801.3| Homo sapiens matrix metalloproteinase 26 (MMP26), mRNA;

gi|73808267|ref|NM\_022122.2| Homo sapiens matrix metalloproteinase 27 (MMP27), mRNA;

gi|73808270|ref|NM\_001032278.1| Homo sapiens matrix metalloproteinase 28 (MMP28), transcript variant 1, mRNA;

gi|73808272|ref|NM\_002422.3| Homo sapiens matrix metalloproteinase 3 (stromelysin 1, progelatinase) (MMP3), mRNA;

gi|73858562|ref|NM\_001085.4| Homo sapiens serpin peptidase inhibitor, clade A (alpha-1 antitrypsin), member 1 (SERPINA1), mRNA;

gi|73858563|ref|NM\_001756.3| Homo sapiens serpin peptidase inhibitor, clade A (alpha-1 antitrypsin), member 2 (SERPINA2), mRNA;

gi|73858565|ref|NM\_000185.3| Homo sapiens serpin peptidase inhibitor, clade D (heparin cofactor), member 1 (SERPIND1), mRNA;

gi|73858569|ref|NM\_001032295.1| Homo sapiens serpin peptidase inhibitor, clade G (C1 inhibitor), member 1 (SERPING1), mRNA;

gi|73858573|ref|NM\_005133.2| Homo sapiens RCE1 homolog, prenyl protein protease (S. cerevisiae) (RCE1), mRNA;

gi|73858576|ref|NM\_003254.2| Homo sapiens TIMP metalloproteinase inhibitor 1 (TIMP1), mRNA;

gi|73858577|ref|NM\_003255.4| Homo sapiens TIMP metalloproteinase inhibitor 2 (TIMP2), mRNA;

gi|73915098|ref|NM\_003995.3| Homo sapiens natriuretic peptide receptor B/guanylate cyclase B (atrionati  
 gi|73915099|ref|NM\_000761.3| Homo sapiens cytochrome P450, family 1, subfamily A, polypeptide 2 (CYP  
 gi|73915101|ref|NM\_032784.3| Homo sapiens R-spondin 3 (RSPO3), mRNA;  
 gi|74024892|ref|NM\_001010978.2| Homo sapiens low density lipoprotein receptor class A domain containi  
 gi|74024918|ref|NM\_001032377.1| Homo sapiens sulfotransferase family, cytosolic, 6B, member 1 (SULT6  
 gi|74027248|ref|NM\_015906.3| Homo sapiens tripartite motif containing 33 (TRIM33), transcript variant a,  
 gi|74027254|ref|NM\_001032383.1| Homo sapiens polyglutamine binding protein 1 (PQBP1), transcript vari  
 gi|74027264|ref|NM\_001032367.1| Homo sapiens serine peptidase inhibitor, Kunitz type 1 (SPINT1), transc  
 gi|74027268|ref|NM\_001014443.2| Homo sapiens ubiquitin specific peptidase 21 (USP21), transcript variar  
 gi|74027269|ref|NM\_017429.2| Homo sapiens beta-carotene 15,15'-monooxygenase 1 (BCMO1), mRNA;  
 gi|74027271|ref|NM\_024789.3| Homo sapiens transmembrane protein 180 (TMEM180), mRNA;  
 gi|74027275|ref|NM\_001032373.1| Homo sapiens zinc finger protein 226 (ZNF226), transcript variant 2, m  
 gi|74048433|ref|NM\_016309.2| Homo sapiens leucine carboxyl methyltransferase 1 (LCMT1), transcript vai  
 gi|74096444|ref|NM\_001002901.2| Homo sapiens Fc receptor-like B (FCRLB), mRNA;  
 gi|74099693|ref|NM\_000456.2| Homo sapiens sulfite oxidase (SUOX), nuclear gene encoding mitochondria  
 gi|74099700|ref|NM\_000785.3| Homo sapiens cytochrome P450, family 27, subfamily B, polypeptide 1 (CY  
 gi|74101436|ref|NM\_001032998.1| Homo sapiens kynureninase (KYNU), transcript variant 2, mRNA; gi|312  
 gi|74136551|ref|NM\_015154.1| Homo sapiens mesoderm development candidate 2 (MESDC2), mRNA;  
 gi|74136558|ref|NM\_024066.1| Homo sapiens ERI1 exoribonuclease family member 3 (ERI3), mRNA;  
 gi|74136826|ref|NM\_001033019.1| Homo sapiens defensin, beta 134 (DEFB134), mRNA;  
 gi|74229006|ref|NM\_004501.3| Homo sapiens heterogeneous nuclear ribonucleoprotein U (scaffold attach  
 gi|74229009|ref|NM\_198076.4| Homo sapiens COX20 Cox2 chaperone homolog (S. cerevisiae) (COX20), m  
 gi|74229014|ref|NM\_001032409.1| Homo sapiens 2'-5'-oligoadenylate synthetase 1, 40/46kDa (OAS1), tra  
 gi|74229020|ref|NM\_001032731.1| Homo sapiens 2'-5'-oligoadenylate synthetase 2, 69/71kDa (OAS2), tra  
 gi|74229022|ref|NM\_015962.4| Homo sapiens FCF1 small subunit (SSU) processome component homolog (l  
 gi|74229024|ref|NM\_001033026.1| Homo sapiens chromosome 19 open reading frame 6 (C19orf6), transc  
 gi|74229028|ref|NM\_001033024.1| Homo sapiens F-box protein 7 (FBXO7), transcript variant 2, mRNA; gi|  
 gi|74229030|ref|NM\_020201.3| Homo sapiens 5',3'-nucleotidase, mitochondrial (NT5M), nuclear gene enc  
 gi|74271815|ref|NM\_002917.1| Homo sapiens RFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransfer  
 gi|74271827|ref|NM\_001033050.1| Homo sapiens MTERF domain containing 3 (MTERFD3), transcript varia  
 gi|74271830|ref|NM\_018407.4| Homo sapiens lysosomal protein transmembrane 4 beta (LAPTM4B), mRNA  
 gi|74271835|ref|NM\_173832.3| Homo sapiens zinc finger protein 41 homolog (mouse) (ZFP41), mRNA;  
 gi|74271839|ref|NM\_001033025.1| Homo sapiens exostoses (multiple)-like 2 (EXTL2), transcript variant 2, l  
 gi|74271887|ref|NM\_022896.1| Homo sapiens lipin 3 (LPIN3), mRNA;  
 gi|74271902|ref|NM\_175856.4| Homo sapiens chondroitin sulfate synthase 3 (CHSY3), mRNA;  
 gi|74271906|ref|NM\_001033028.1| Homo sapiens cytoplasmic FMR1 interacting protein 1 (CYFIP1), transcr  
 gi|74271916|ref|NM\_001033031.1| Homo sapiens Fas apoptotic inhibitory molecule (FAIM), transcript vari  
 gi|74272275|ref|NM\_014336.3| Homo sapiens aryl hydrocarbon receptor interacting protein-like 1 (AIPL1),  
 gi|74272286|ref|NM\_004994.2| Homo sapiens matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 9  
 gi|74275343|ref|NM\_001033080.1| Homo sapiens trace amine associated receptor 2 (TAAR2), transcript va  
 gi|74275347|ref|NM\_001033059.1| Homo sapiens adenosylmethionine decarboxylase 1 (AMD1), transcript  
 gi|74315355|ref|NM\_013276.2| Homo sapiens sedoheptulokinase (SHPK), mRNA;  
 gi|74315923|ref|NR\_002561.1| Homo sapiens small nucleolar RNA, C/D box 30 (SNORD30), small nucleolar  
 gi|74315924|ref|NR\_002559.1| Homo sapiens small nucleolar RNA, C/D box 29 (SNORD29), small nucleolar  
 gi|74315925|ref|NR\_002563.1| Homo sapiens small nucleolar RNA, C/D box 27 (SNORD27), small nucleolar  
 gi|74315926|ref|NR\_002560.1| Homo sapiens small nucleolar RNA, C/D box 31 (SNORD31), small nucleolar  
 gi|74315927|ref|NR\_002565.1| Homo sapiens small nucleolar RNA, C/D box 25 (SNORD25), small nucleolar

gi|74315928|ref|NR\_002562.1| Homo sapiens small nucleolar RNA, C/D box 28 (SNORD28), small nucleolar RNA

gi|74315931|ref|NR\_002564.1| Homo sapiens small nucleolar RNA, C/D box 26 (SNORD26), small nucleolar RNA

gi|74315998|ref|NM\_152529.5| Homo sapiens G protein-coupled receptor 155 (GPR155), transcript variant 1

gi|74316005|ref|NM\_173515.2| Homo sapiens CNKSR family member 3 (CNKSR3), mRNA;

gi|74316008|ref|NM\_001033083.1| Homo sapiens phenazine biosynthesis-like protein domain containing (PBLD)

gi|74316011|ref|NM\_006369.4| Homo sapiens leucine rich repeat containing 41 (LRRC41), mRNA;

gi|74316012|ref|NM\_021955.3| Homo sapiens guanine nucleotide binding protein (G protein), gamma transducin

gi|74319832|ref|NM\_004654.3| Homo sapiens ubiquitin specific peptidase 9, Y-linked (USP9Y), mRNA;

gi|74325775|ref|NM\_001033087.1| Homo sapiens MACRO domain containing 2 (MACROD2), transcript variant 1

gi|7524353|ref|NM\_013974.1| Homo sapiens dimethylarginine dimethylaminohydrolase 2 (DDAH2), mRNA

gi|75677324|ref|NM\_014238.1| Homo sapiens kinase suppressor of ras 1 (KSR1), mRNA;

gi|75677339|ref|NM\_001033520.1| Homo sapiens WD repeat domain, phosphoinositide interacting 2 (WIP1)

gi|75677341|ref|NM\_003170.3| Homo sapiens suppressor of Ty 6 homolog (S. cerevisiae) (SUPT6H), mRNA

gi|75677342|ref|NM\_015544.2| Homo sapiens transmembrane protein 98 (TMEM98), transcript variant 1, TMEM98

gi|75677348|ref|NM\_016480.3| Homo sapiens poly(A) binding protein interacting protein 2 (PAIP2), transcript variant 1

gi|75677350|ref|NM\_022491.2| Homo sapiens suppressor of defective silencing 3 homolog (S. cerevisiae) (S. cerevisiae)

gi|75677352|ref|NM\_031921.4| Homo sapiens ATPase family, AAA domain containing 3B (ATAD3B), nuclear

gi|75677356|ref|NM\_001033561.1| Homo sapiens PHD finger protein 12 (PHF12), transcript variant 1, mRNA

gi|75677362|ref|NM\_021819.2| Homo sapiens lectin, mannose-binding, 1 like (LMAN1L), mRNA;

gi|75677364|ref|NM\_020877.2| Homo sapiens dynein, axonemal, heavy chain 2 (DNAH2), mRNA;

gi|75677366|ref|NM\_032141.2| Homo sapiens nuclear speckle splicing regulatory protein 1 (NSRP1), transcript variant 1

gi|75677369|ref|NM\_145260.2| Homo sapiens odd-skipped related 1 (Drosophila) (OSR1), mRNA;

gi|75677370|ref|NM\_001030005.2| Homo sapiens complexin 3 (CPLX3), mRNA;

gi|75677377|ref|NM\_014850.2| Homo sapiens SLIT-ROBO Rho GTPase activating protein 3 (SRGAP3), transcript variant 1

gi|75677392|ref|NM\_005454.2| Homo sapiens cerberus 1, cysteine knot superfamily, homolog (Xenopus laevis)

gi|75677558|ref|NM\_001033564.1| Homo sapiens chromosome 6 open reading frame 225 (C6orf225), mRNA

gi|75677575|ref|NM\_001033560.1| Homo sapiens dyslexia susceptibility 1 candidate 1 (DYX1C1), transcript variant 1

gi|75677579|ref|NM\_001029964.2| Homo sapiens tubulin tyrosine ligase-like family, member 13 (TTLL13), mRNA

gi|75677607|ref|NM\_001033517.1| Homo sapiens serine incorporator 4 (SERINC4), mRNA;

gi|75677611|ref|NM\_199340.2| Homo sapiens leucine rich repeat containing 37, member A3 (LRRC37A3), mRNA

gi|75709168|ref|NM\_002260.3| Homo sapiens killer cell lectin-like receptor subfamily C, member 2 (KLRC2), mRNA

gi|75709174|ref|NM\_002261.2| Homo sapiens killer cell lectin-like receptor subfamily C, member 3 (KLRC3), mRNA

gi|75709179|ref|NM\_138957.2| Homo sapiens mitogen-activated protein kinase 1 (MAPK1), transcript variant 1

gi|75709180|ref|NM\_002423.3| Homo sapiens matrix metalloproteinase 7 (matrilysin, uterine) (MMP7), mRNA

gi|75709183|ref|NM\_020872.1| Homo sapiens contactin 3 (plasmacytoma associated) (CNTN3), mRNA;

gi|75709185|ref|NM\_001326.2| Homo sapiens cleavage stimulation factor, 3' pre-RNA, subunit 3, 77kDa (CSTF3)

gi|75709190|ref|NM\_000773.3| Homo sapiens cytochrome P450, family 2, subfamily E, polypeptide 1 (CYP2E1)

gi|75709193|ref|NM\_001033549.1| Homo sapiens BRISC and BRCA1 A complex member 1 (BABAM1), transcript variant 1

gi|75709206|ref|NM\_005109.2| Homo sapiens oxidative-stress responsive 1 (OXSR1), mRNA;

gi|75709207|ref|NM\_007274.3| Homo sapiens acyl-CoA thioesterase 7 (ACOT7), transcript variant hBACHa, ACOT7

gi|75709218|ref|NM\_001324.2| Homo sapiens cleavage stimulation factor, 3' pre-RNA, subunit 1, 50kDa (CSTF1)

gi|75709223|ref|NM\_016494.3| Homo sapiens ring finger protein 181 (RNF181), mRNA;

gi|75750469|ref|NM\_018307.3| Homo sapiens ras homolog family member T1 (RHOT1), transcript variant 1

gi|75750481|ref|NM\_138328.2| Homo sapiens rhomboid, veinlet-like 3 (Drosophila) (RHBDL3), mRNA;

gi|75750482|ref|NM\_173167.2| Homo sapiens unc-45 homolog B (C. elegans) (UNC45B), transcript variant 1

gi|75750485|ref|NM\_004773.2| Homo sapiens zinc finger, HIT-type containing 3 (ZNHIT3), mRNA;

gi|75750491|ref|NM\_178517.3| Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class W (PI4K) (PI4K)

gi|75750525|ref|NM\_001033575.1| Homo sapiens dual specificity phosphatase 28 (DUSP28), mRNA;

gi|75750530|ref|NM\_017844.2| Homo sapiens ankyrin repeat and MYND domain containing 1 (ANKMY1), t

gi|75750532|ref|NM\_016589.3| Homo sapiens translocase of inner mitochondrial membrane domain conta

gi|75812910|ref|NM\_133264.4| Homo sapiens WAS/WASL interacting protein family, member 2 (WIPF2), n

gi|75812973|ref|NM\_001033572.1| Homo sapiens archaelysin family metallopeptidase 2 (AMZ2), transcrip

gi|75813616|ref|NM\_177969.2| Homo sapiens protein phosphatase, Mg<sup>2+</sup>/Mn<sup>2+</sup> dependent, 1B (PPM1B),

gi|75813621|ref|NM\_001325.2| Homo sapiens cleavage stimulation factor, 3' pre-RNA, subunit 2, 64kDa (C

gi|75813622|ref|NM\_005245.3| Homo sapiens FAT tumor suppressor homolog 1 (Drosophila) (FAT1), mRNA;

gi|75813624|ref|NM\_012340.3| Homo sapiens nuclear factor of activated T-cells, cytoplasmic, calcineurin-c

gi|75905800|ref|NM\_001033604.1| Homo sapiens Bardet-Biedl syndrome 9 (BBS9), transcript variant 3, mF

gi|75905804|ref|NM\_002429.4| Homo sapiens matrix metallopeptidase 19 (MMP19), transcript variant 1, r

gi|75905816|ref|NM\_002152.2| Homo sapiens histidine rich calcium binding protein (HRC), mRNA;

gi|75905817|ref|NM\_030758.3| Homo sapiens oxysterol binding protein 2 (OSBP2), transcript variant 1, mF

gi|75905820|ref|NM\_000362.4| Homo sapiens TIMP metallopeptidase inhibitor 3 (TIMP3), mRNA;

gi|75991710|ref|NM\_000912.3| Homo sapiens opioid receptor, kappa 1 (OPRK1), mRNA;

gi|75992937|ref|NM\_003342.4| Homo sapiens ubiquitin-conjugating enzyme E2G 1 (UBE2G1), mRNA;

gi|75992939|ref|NM\_004651.3| Homo sapiens ubiquitin specific peptidase 11 (USP11), mRNA;

gi|76150624|ref|NM\_001033714.1| Homo sapiens NOP2 nucleolar protein homolog (yeast) (NOP2), transcr

gi|76159274|ref|NM\_012138.3| Homo sapiens apoptosis antagonizing transcription factor (AATF), mRNA;

gi|76253679|ref|NM\_152781.2| Homo sapiens chromosome 17 open reading frame 66 (C17orf66), mRNA;

gi|76253684|ref|NM\_006540.2| Homo sapiens nuclear receptor coactivator 2 (NCOA2), mRNA;

gi|76253858|ref|NM\_138411.1| Homo sapiens family with sequence similarity 71, member E1 (FAM71E1),

gi|76253916|ref|NM\_173827.2| Homo sapiens COX18 cytochrome c oxidase assembly homolog (S. cerevisi

gi|76257390|ref|NM\_032236.5| Homo sapiens ubiquitin specific peptidase 48 (USP48), transcript variant 1,

gi|76443678|ref|NM\_017573.3| Homo sapiens proprotein convertase subtilisin/kexin type 4 (PCSK4), mRNA;

gi|76496471|ref|NM\_001033853.1| Homo sapiens ribosomal protein L3 (RPL3), transcript variant 2, mRNA;

gi|76496474|ref|NM\_001033859.1| Homo sapiens acyl-CoA dehydrogenase, very long chain (ACADVL), nuc

gi|76496484|ref|NM\_001031628.1| Homo sapiens small cell adhesion glycoprotein (SMAGP), transcript var

gi|76496496|ref|NM\_001033855.1| Homo sapiens DNA cross-link repair 1C (DCLRE1C), transcript variant a,

gi|76563907|ref|NM\_153710.3| Homo sapiens chromosome 9 open reading frame 96 (C9orf96), mRNA;

gi|76563911|ref|NM\_015035.3| Homo sapiens zinc fingers and homeoboxes 3 (ZHX3), mRNA;

gi|76563935|ref|NM\_153325.2| Homo sapiens defensin, beta 125 (DEFB125), mRNA;

gi|76563938|ref|NM\_015920.3| Homo sapiens ribosomal protein S27-like (RPS27L), mRNA;

gi|7656927|ref|NM\_014482.1| Homo sapiens bone morphogenetic protein 10 (BMP10), mRNA;

gi|7656966|ref|NM\_014246.1| Homo sapiens cadherin, EGF LAG seven-pass G-type receptor 1 (flamingo hc

gi|7657016|ref|NM\_015383.1| Homo sapiens neuroblastoma breakpoint family, member 14 (NBP14), mRI

gi|7657068|ref|NM\_014584.1| Homo sapiens ERO1-like (S. cerevisiae) (ERO1L), mRNA;

gi|7657091|ref|NM\_014440.1| Homo sapiens interleukin 36, alpha (IL36A), mRNA;

gi|7657151|ref|NM\_014606.1| Homo sapiens HECT and RLD domain containing E3 ubiquitin protein ligase 3

gi|7657177|ref|NM\_014254.1| Homo sapiens transmembrane protein 5 (TMEM5), mRNA;

gi|7657193|ref|NM\_015370.1| Homo sapiens chromosome 22 open reading frame 31 (C22orf31), mRNA;

gi|7657213|ref|NM\_014586.1| Homo sapiens hormonally up-regulated Neu-associated kinase (HUNK), mRN

gi|7657276|ref|NM\_014512.1| Homo sapiens killer cell immunoglobulin-like receptor, two domains, short c

gi|7657344|ref|NM\_014341.1| Homo sapiens mitochondrial carrier 1 (MTCH1), nuclear gene encoding mitc

gi|7657422|ref|NM\_014566.1| Homo sapiens olfactory receptor, family 1, subfamily D, member 5 (OR1D5),

gi|7657452|ref|NM\_014471.1| Homo sapiens serine peptidase inhibitor, Kazal type 4 (SPINK4), mRNA;

gi|7657460|ref|NM\_014589.1| Homo sapiens phospholipase A2, group IIE (PLA2G2E), mRNA;

gi|7657497|ref|NM\_014226.1| Homo sapiens MOK protein kinase (MOK), mRNA;

gi|7657586|ref|NM\_014229.1| Homo sapiens solute carrier family 6 (neurotransmitter transporter, GABA),

gi|7657664|ref|NM\_014383.1| Homo sapiens zinc finger and BTB domain containing 32 (ZBTB32), mRNA;

gi|7661531|ref|NM\_014062.1| Homo sapiens NIN1/RPN12 binding protein 1 homolog (S. cerevisiae) (NOB1

gi|7661555|ref|NM\_015679.1| Homo sapiens TruB pseudouridine (psi) synthase homolog 2 (E. coli) (TRUB2

gi|7661723|ref|NM\_015372.1| Homo sapiens chromosome 22 open reading frame 24 (C22orf24), mRNA;

gi|7661913|ref|NM\_014814.1| Homo sapiens proteasome (prosome, macropain) 26S subunit, non-ATPase,

gi|7662045|ref|NM\_014727.1| Homo sapiens myeloid/lymphoid or mixed-lineage leukemia 4 (MLL4), mRN.

gi|7662091|ref|NM\_014717.1| Homo sapiens zinc finger protein 536 (ZNF536), mRNA;

gi|7662125|ref|NM\_015556.1| Homo sapiens signal-induced proliferation-associated 1 like 1 (SIPA1L1), mR

gi|7662291|ref|NM\_014860.1| Homo sapiens suppressor of Ty 7 (S. cerevisiae)-like (SUPT7L), mRNA;

gi|7662319|ref|NM\_014813.1| Homo sapiens leucine-rich repeats and immunoglobulin-like domains 2 (LRIC

gi|7662339|ref|NM\_014941.1| Homo sapiens MORC family CW-type zinc finger 2 (MORC2), mRNA;

gi|7662423|ref|NM\_014930.1| Homo sapiens zinc finger protein 510 (ZNF510), mRNA;

gi|7662646|ref|NM\_014754.1| Homo sapiens phosphatidylserine synthase 1 (PTDSS1), mRNA;

gi|7669480|ref|NM\_004052.2| Homo sapiens BCL2/adenovirus E1B 19kDa interacting protein 3 (BNIP3), nu

gi|76781448|ref|NM\_025165.2| Homo sapiens elongation factor RNA polymerase II-like 3 (ELL3), mRNA;

gi|76781491|ref|NM\_020385.2| Homo sapiens REX4, RNA exonuclease 4 homolog (S. cerevisiae) (REXO4), r

gi|76880471|ref|NM\_199244.2| Homo sapiens forkhead box D4-like 4 (FOXD4L4), mRNA;

gi|76880473|ref|NM\_015261.2| Homo sapiens non-SMC condensin II complex, subunit D3 (NCAPD3), mRN/

gi|76880474|ref|NM\_001741.2| Homo sapiens calcitonin-related polypeptide alpha (CALCA), transcript vari

gi|76880492|ref|NM\_022091.3| Homo sapiens activating signal cointegrator 1 complex subunit 3 (ASCC3), t

gi|76881813|ref|NM\_002853.3| Homo sapiens RAD1 homolog (S. pombe) (RAD1), transcript variant 1, mRN

gi|76881818|ref|NM\_152486.2| Homo sapiens sterile alpha motif domain containing 11 (SAMD11), mRNA;

gi|7705307|ref|NM\_016204.1| Homo sapiens growth differentiation factor 2 (GDF2), mRNA;

gi|7705378|ref|NM\_012196.1| Homo sapiens G antigen 8 (GAGE8), mRNA;

gi|7705476|ref|NM\_016404.1| Homo sapiens tRNA methyltransferase 11-2 homolog (S. cerevisiae) (TRMT1

gi|7705573|ref|NM\_016523.1| Homo sapiens killer cell lectin-like receptor subfamily F, member 1 (KLRF1),

gi|7705679|ref|NM\_015893.1| Homo sapiens prolactin releasing hormone (PRLH), mRNA;

gi|7705934|ref|NM\_016331.1| Homo sapiens zinc finger protein 639 (ZNF639), mRNA;

gi|7706142|ref|NM\_016608.1| Homo sapiens armadillo repeat containing, X-linked 1 (ARMCX1), mRNA;

gi|7706155|ref|NM\_016618.1| Homo sapiens lysine-rich coiled-coil 1 (KRCC1), mRNA;

gi|7706193|ref|NM\_016644.1| Homo sapiens proline rich 16 (PRR16), mRNA;

gi|7706336|ref|NM\_016057.1| Homo sapiens coatamer protein complex, subunit zeta 1 (COPZ1), mRNA;

gi|7706450|ref|NM\_016235.1| Homo sapiens G protein-coupled receptor, family C, group 5, member B (GP

gi|7706636|ref|NM\_016166.1| Homo sapiens protein inhibitor of activated STAT, 1 (PIAS1), mRNA;

gi|7706642|ref|NM\_016445.1| Homo sapiens pleckstrin 2 (PLEK2), mRNA;

gi|7706644|ref|NM\_016147.1| Homo sapiens protein phosphatase methylesterase 1 (PPME1), mRNA;

gi|7706682|ref|NM\_016321.1| Homo sapiens Rh family, C glycoprotein (RHCG), mRNA;

gi|7710128|ref|NM\_006150.3| Homo sapiens prickly homolog 3 (Drosophila) (PRICKLE3), mRNA;

gi|77157792|ref|NM\_016124.3| Homo sapiens Rh blood group, D antigen (RHD), transcript variant 1, mRN/

gi|77404345|ref|NM\_004619.3| Homo sapiens TNF receptor-associated factor 5 (TRAF5), transcript variant

gi|77404353|ref|NM\_004094.4| Homo sapiens eukaryotic translation initiation factor 2, subunit 1 alpha, 35

gi|77404354|ref|NM\_003908.3| Homo sapiens eukaryotic translation initiation factor 2, subunit 2 beta, 38k

gi|77404355|ref|NM\_005801.3| Homo sapiens eukaryotic translation initiation factor 1 (EIF1), mRNA;

gi|77404356|ref|NM\_001412.3| Homo sapiens eukaryotic translation initiation factor 1A, X-linked (EIF1AX),

gi|77404396|ref|NM\_014390.2| Homo sapiens staphylococcal nuclease and tudor domain containing 1 (SNI



gi|77539053|ref|NM\_001773.2| Homo sapiens CD34 molecule (CD34), transcript variant 2, mRNA; gi|6834:  
gi|77539054|ref|NM\_001033930.1| Homo sapiens ubiquitin A-52 residue ribosomal protein fusion product  
gi|77628146|ref|NM\_006817.3| Homo sapiens endoplasmic reticulum protein 29 (ERP29), transcript varian  
gi|77628152|ref|NM\_053056.2| Homo sapiens cyclin D1 (CCND1), mRNA;  
gi|77681564|ref|NM\_030651.3| Homo sapiens proline-rich transmembrane protein 1 (PRRT1), mRNA;  
gi|77695910|ref|NM\_003252.3| Homo sapiens TIA1 cytotoxic granule-associated RNA binding protein-like 1  
gi|77695913|ref|NM\_018644.3| Homo sapiens beta-1,3-glucuronyltransferase 1 (glucuronosyltransferase P  
gi|77695919|ref|NM\_002478.4| Homo sapiens myogenic differentiation 1 (MYOD1), mRNA;  
gi|77732514|ref|NM\_014314.3| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 58 (DDX58), mRNA  
gi|77735353|ref|NR\_002571.1| Homo sapiens small nucleolar RNA, C/D box 58A (SNORD58A), small nuclea  
gi|77735355|ref|NR\_002575.1| Homo sapiens small nucleolar RNA, H/ACA box 27 (SNORA27), small nucleo  
gi|77735356|ref|NR\_002572.1| Homo sapiens small nucleolar RNA, C/D box 58B (SNORD58B), small nuclea  
gi|77735358|ref|NR\_002574.1| Homo sapiens small nucleolar RNA, C/D box 102 (SNORD102), small nucleol  
gi|77735361|ref|NR\_002576.1| Homo sapiens small nucleolar RNA, H/ACA box 21 (SNORA21), small nucleo  
gi|77736603|ref|NM\_001010879.2| Homo sapiens zinc finger protein interacting with K protein 1 homolog  
gi|77797831|ref|NM\_005284.3| Homo sapiens G protein-coupled receptor 6 (GPR6), mRNA;  
gi|77812668|ref|NM\_032993.2| Homo sapiens GAR1 ribonucleoprotein homolog (yeast) (GAR1), transcript  
gi|77812671|ref|NM\_001034194.1| Homo sapiens exosome component 9 (EXOSC9), transcript variant 1, m  
gi|77812673|ref|NM\_001034833.1| Homo sapiens NHP2 ribonucleoprotein homolog (yeast) (NHP2), transc  
gi|77812675|ref|NM\_018648.3| Homo sapiens NOP10 ribonucleoprotein homolog (yeast) (NOP10), mRNA;  
gi|77812677|ref|NM\_006903.4| Homo sapiens pyrophosphatase (inorganic) 2 (PPA2), nuclear gene encodir  
gi|77874205|ref|NM\_020144.4| Homo sapiens poly(A) polymerase beta (testis specific) (PAPOLB), mRNA;  
gi|77917603|ref|NM\_019116.2| Homo sapiens ubiquitin family domain containing 1 (UBFD1), mRNA;  
gi|77993285|ref|NR\_002580.1| Homo sapiens small nucleolar RNA, H/ACA box 3 (SNORA3), small nucleolar  
gi|77993286|ref|NR\_002582.1| Homo sapiens small nucleolar RNA, H/ACA box 7A (SNORA7A), small nucleo  
gi|77993287|ref|NR\_002584.1| Homo sapiens small nucleolar RNA, H/ACA box 69 (SNORA69), small nucleo  
gi|77993288|ref|NR\_002581.1| Homo sapiens small nucleolar RNA, H/ACA box 72 (SNORA72), small nucleo  
gi|77993289|ref|NR\_002587.1| Homo sapiens small nucleolar RNA, C/D box 2 (SNORD2), small nucleolar RN  
gi|77993290|ref|NR\_002583.1| Homo sapiens small nucleolar RNA, C/D box 72 (SNORD72), small nucleolar  
gi|77993291|ref|NR\_002589.1| Homo sapiens small nucleolar RNA, C/D box 51 (SNORD51), small nuclear R  
gi|77993292|ref|NR\_002585.1| Homo sapiens small nucleolar RNA, H/ACA box 52 (SNORA52), small nucleo  
gi|77993293|ref|NR\_002591.1| Homo sapiens small nucleolar RNA, C/D box 95 (SNORD95), small nucleolar  
gi|77993294|ref|NR\_002588.1| Homo sapiens small nucleolar RNA, H/ACA box 4 (SNORA4), small nucleolar  
gi|77993295|ref|NR\_002590.1| Homo sapiens small nucleolar RNA, H/ACA box 41 (SNORA41), small nucleo  
gi|77993296|ref|NR\_002592.1| Homo sapiens small nucleolar RNA, C/D box 96A (SNORD96A), small nucleo  
gi|77993357|ref|NR\_002586.1| Homo sapiens small nucleolar RNA, H/ACA box 63 (SNORA63), small nucleo  
gi|77993366|ref|NR\_002593.1| Homo sapiens solute carrier family 7 (amino acid transporter light chain, L s  
gi|78000155|ref|NM\_015636.3| Homo sapiens eukaryotic translation initiation factor 2B, subunit 4 delta, 6  
gi|78000161|ref|NM\_015385.2| Homo sapiens sorbin and SH3 domain containing 1 (SORBS1), transcript va  
gi|78000180|ref|NM\_003973.3| Homo sapiens ribosomal protein L14 (RPL14), transcript variant 2, mRNA; §  
gi|78000204|ref|NM\_002810.2| Homo sapiens proteasome (prosome, macropain) 26S subunit, non-ATPase  
gi|78000210|ref|NM\_001034023.1| Homo sapiens DNA methyltransferase 1 associated protein 1 (DMAP1),  
gi|78042474|ref|NR\_002579.1| Homo sapiens small nucleolar RNA, C/D box 74 (SNORD74), small nucleolar  
gi|78042576|ref|NM\_018067.3| Homo sapiens MAP7 domain containing 1 (MAP7D1), mRNA;  
gi|78042579|ref|NM\_007160.3| Homo sapiens olfactory receptor, family 2, subfamily H, member 2 (OR2H2  
gi|78042614|ref|NR\_002594.1| Homo sapiens solute carrier family 7 (amino acid transporter light chain, L s  
gi|78126140|ref|NR\_002595.1| Homo sapiens ribosomal protein L31 pseudogene 11 (RPL31P11), non-codir

gi|78126145|ref|NM\_181612.2| Homo sapiens keratin associated protein 19-6 (KRTAP19-6), mRNA;

gi|78190459|ref|NM\_000978.3| Homo sapiens ribosomal protein L23 (RPL23), mRNA;

gi|78190460|ref|NM\_000984.5| Homo sapiens ribosomal protein L23a (RPL23A), mRNA;

gi|78190461|ref|NM\_000988.3| Homo sapiens ribosomal protein L27 (RPL27), mRNA;

gi|78190463|ref|NM\_000995.3| Homo sapiens ribosomal protein L34 (RPL34), transcript variant 1, mRNA; ξ

gi|78190465|ref|NM\_000982.3| Homo sapiens ribosomal protein L21 (RPL21), mRNA;

gi|78190466|ref|NM\_000986.3| Homo sapiens ribosomal protein L24 (RPL24), mRNA;

gi|78190467|ref|NM\_000987.3| Homo sapiens ribosomal protein L26 (RPL26), mRNA;

gi|78190469|ref|NM\_015414.3| Homo sapiens ribosomal protein L36 (RPL36), transcript variant 2, mRNA; ξ

gi|78190471|ref|NM\_007209.3| Homo sapiens ribosomal protein L35 (RPL35), mRNA;

gi|78190477|ref|NM\_001034838.1| Homo sapiens Kv channel interacting protein 1 (KCNIP1), transcript var

gi|78190481|ref|NM\_025221.5| Homo sapiens Kv channel interacting protein 4 (KCNIP4), transcript variant

gi|78190489|ref|NM\_025208.4| Homo sapiens platelet derived growth factor D (PDGFD), transcript variant

gi|78190490|ref|NM\_152391.3| Homo sapiens PQ loop repeat containing 3 (PQLC3), mRNA;

gi|78190491|ref|NM\_001034853.1| Homo sapiens retinitis pigmentosa GTPase regulator (RPGR), transcript

gi|78190494|ref|NM\_001034914.1| Homo sapiens Kv channel interacting protein 3, calsenilin (KCNIP3), tra

gi|78191785|ref|NM\_203305.2| Homo sapiens family with sequence similarity 102, member A (FAM102A),

gi|78191797|ref|NM\_000892.3| Homo sapiens kallikrein B, plasma (Fletcher factor) 1 (KLKB1), mRNA;

gi|78191799|ref|NM\_176821.3| Homo sapiens NLR family, pyrin domain containing 10 (NLRP10), mRNA;

gi|78191800|ref|NM\_000997.4| Homo sapiens ribosomal protein L37 (RPL37), mRNA;

gi|78214519|ref|NM\_000998.4| Homo sapiens ribosomal protein L37a (RPL37A), mRNA;

gi|78214521|ref|NM\_001035258.1| Homo sapiens ribosomal protein L38 (RPL38), transcript variant 2, mRN

gi|78217389|ref|NM\_001004.3| Homo sapiens ribosomal protein, large, P2 (RPLP2), mRNA;

gi|78482607|ref|NM\_021129.3| Homo sapiens pyrophosphatase (inorganic) 1 (PPA1), mRNA;

gi|78482613|ref|NM\_001035260.1| Homo sapiens vacuolar protein sorting 26 homolog A (S. pombe) (VPS2

gi|78482615|ref|NM\_001521.2| Homo sapiens general transcription factor IIIC, polypeptide 2, beta 110kDa

gi|78486539|ref|NM\_138353.2| Homo sapiens DDB1 and CUL4 associated factor 15 (DCAF15), mRNA;

gi|78486577|ref|NM\_001035505.1| Homo sapiens bolA homolog 3 (E. coli) (BOLA3), transcript variant 2, m

gi|78499632|ref|NM\_014638.2| Homo sapiens phospholipase C, eta 2 (PLCH2), mRNA;

gi|78711801|ref|NM\_032951.2| Homo sapiens MLX interacting protein-like (MLXIPL), transcript variant 1, n

gi|78711819|ref|NM\_001035511.1| Homo sapiens succinate dehydrogenase complex, subunit C, integral m

gi|8051600|ref|NM\_003857.2| Homo sapiens galanin receptor 2 (GALR2), mRNA;

gi|8051610|ref|NM\_016657.1| Homo sapiens KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retent

gi|80861461|ref|NM\_001785.2| Homo sapiens cytidine deaminase (CDA), mRNA;

gi|80861464|ref|NM\_000939.2| Homo sapiens proopiomelanocortin (POMC), transcript variant 2, mRNA; g

gi|80861465|ref|NM\_014331.3| Homo sapiens solute carrier family 7 (anionic amino acid transporter light c

gi|80861484|ref|NM\_001200.2| Homo sapiens bone morphogenetic protein 2 (BMP2), mRNA;

gi|80861485|ref|NM\_018999.2| Homo sapiens family with sequence similarity 190, member B (FAM190B),

gi|81158081|ref|NR\_002596.1| Homo sapiens RFPL3 antisense RNA 1 (non-protein coding) (RFPL3-AS1), tra

gi|81174548|ref|NM\_001037163.1| Homo sapiens family with sequence similarity 220, member A (FAM220

gi|81230484|ref|NM\_001037161.1| Homo sapiens acyl-CoA thioesterase 1 (ACOT1), mRNA;

gi|81230486|ref|NM\_001037162.1| Homo sapiens acyl-CoA thioesterase 6 (ACOT6), mRNA;

gi|81295403|ref|NM\_001033583.2| Homo sapiens acyl-CoA thioesterase 9 (ACOT9), nuclear gene encoding

gi|81295409|ref|NM\_001037172.1| Homo sapiens acid phosphatase-like 2 (ACPL2), transcript variant 2, mF

gi|81295797|ref|NM\_001036646.1| Homo sapiens HERV-H LTR-associating 3 (HHLA3), transcript variant 3, i

gi|81295800|ref|NM\_007277.4| Homo sapiens exocyst complex component 3 (EXOC3), mRNA;

gi|81295802|ref|NM\_013952.3| Homo sapiens paired box 8 (PAX8), transcript variant PAX8C, mRNA; gi|81:

gi|81295814|ref|NM\_015341.3| Homo sapiens non-SMC condensin I complex, subunit H (NCAPH), mRNA;

gi|81295815|ref|NM\_012337.2| Homo sapiens coiled-coil domain containing 19 (CCDC19), mRNA;

gi|81394745|ref|NM\_001661.3| Homo sapiens ADP-ribosylation factor-like 4D (ARL4D), mRNA;

gi|82524312|ref|NM\_015291.2| Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 16 (DNAJC16), mRNA;

gi|82524335|ref|NM\_001037225.1| Homo sapiens chromosome 11 open reading frame 85 (C11orf85), mRNA;

gi|82546823|ref|NM\_001037165.1| Homo sapiens forkhead box K1 (FOXK1), mRNA;

gi|82546829|ref|NM\_021807.3| Homo sapiens exocyst complex component 4 (EXOC4), transcript variant 1, mRNA;

gi|82546833|ref|NM\_006544.3| Homo sapiens exocyst complex component 5 (EXOC5), mRNA;

gi|82546834|ref|NM\_012097.3| Homo sapiens ADP-ribosylation factor-like 5A (ARL5A), transcript variant 1, mRNA;

gi|82546844|ref|NM\_021574.2| Homo sapiens breakpoint cluster region (BCR), transcript variant 2, mRNA;

gi|82546850|ref|NM\_006531.3| Homo sapiens intraflagellar transport 88 homolog (Chlamydomonas) (IFT88), mRNA;

gi|82546870|ref|NM\_018714.2| Homo sapiens component of oligomeric golgi complex 1 (COG1), mRNA;

gi|82546871|ref|NM\_025049.2| Homo sapiens PIF1 5'-to-3' DNA helicase homolog (S. cerevisiae) (PIF1), mRNA;

gi|82546878|ref|NM\_004286.4| Homo sapiens GTP binding protein 1 (GTPBP1), mRNA;

gi|82617563|ref|NM\_001037330.1| Homo sapiens tripartite motif containing 16-like (TRIM16L), mRNA;

gi|82617633|ref|NM\_001037333.1| Homo sapiens cytoplasmic FMR1 interacting protein 2 (CYFIP2), transcript variant 1, mRNA;

gi|82617644|ref|NM\_002360.3| Homo sapiens v-maf musculoaponeurotic fibrosarcoma oncogene homolog 1 (MafK), mRNA;

gi|82659088|ref|NM\_017454.2| Homo sapiens stau6, RNA binding protein, homolog 1 (Drosophila) (STAU6), mRNA;

gi|82659092|ref|NM\_001010861.2| Homo sapiens lipid phosphate phosphatase-related protein type 5 (LPP5), mRNA;

gi|82659096|ref|NM\_001037281.1| Homo sapiens par-6 partitioning defective 6 homolog alpha (C. elegans) (PAR-6A), mRNA;

gi|82659099|ref|NM\_032521.2| Homo sapiens par-6 partitioning defective 6 homolog beta (C. elegans) (PAR-6B), mRNA;

gi|82659101|ref|NM\_002722.3| Homo sapiens pancreatic polypeptide (PPY), mRNA;

gi|82659104|ref|NM\_014241.3| Homo sapiens protein tyrosine phosphatase-like (proline instead of catalytic domain) (PTPLN), mRNA;

gi|82659108|ref|NM\_020765.2| Homo sapiens ubiquitin protein ligase E3 component n-recognin 4 (UBR4), mRNA;

gi|82659111|ref|NM\_153645.2| Homo sapiens nucleoporin 50kDa (NUP50), transcript variant 3, mRNA; gi|82659116|ref|NM\_148959.3| Homo sapiens HUS1 checkpoint homolog b (S. pombe) (HUS1B), mRNA;

gi|82659117|ref|NM\_004598.3| Homo sapiens sparc/osteonectin, cwcv and kazal-like domains proteoglycan (SPARC), mRNA;

gi|82659118|ref|NM\_021978.3| Homo sapiens suppression of tumorigenicity 14 (colon carcinoma) (ST14), mRNA;

gi|82734213|ref|NM\_001037497.1| Homo sapiens defensin, beta 110 locus (DEFB110), transcript variant 1, mRNA;

gi|82734216|ref|NM\_001037498.1| Homo sapiens defensin, beta 112 (DEFB112), mRNA;

gi|82734218|ref|NM\_001037499.1| Homo sapiens defensin, beta 114 (DEFB114), mRNA;

gi|82734222|ref|NM\_001037500.1| Homo sapiens defensin, beta 124 (DEFB124), mRNA;

gi|82734234|ref|NM\_020336.2| Homo sapiens Ral GTPase activating protein, beta subunit (non-catalytic) (RALGAPB), mRNA;

gi|82734235|ref|NM\_006084.4| Homo sapiens interferon regulatory factor 9 (IRF9), mRNA;

gi|82775372|ref|NM\_016612.2| Homo sapiens solute carrier family 25 (mitochondrial iron transporter), member 1 (SLC25A25), mRNA;

gi|82799481|ref|NM\_001037339.1| Homo sapiens phosphodiesterase 4B, cAMP-specific (PDE4B), transcript variant 1, mRNA;

gi|82830392|ref|NR\_002599.1| Homo sapiens small nucleolar RNA host gene 6 (non-protein coding) (SNHG6), small nucleolar RNA;

gi|82830393|ref|NR\_002598.1| Homo sapiens small nucleolar RNA, C/D box 87 (SNORD87), small nucleolar RNA;

gi|82830423|ref|NM\_001037533.1| Homo sapiens gon-4-like (C. elegans) (GON4L), transcript variant 1, mRNA;

gi|82830425|ref|NM\_006746.4| Homo sapiens sex comb on midleg-like 1 (Drosophila) (SCML1), transcript variant 1, mRNA;

gi|82830439|ref|NM\_018193.2| Homo sapiens Fanconi anemia, complementation group I (FANCI), transcript variant 1, mRNA;

gi|82880644|ref|NM\_001037334.1| Homo sapiens ubiquitin specific peptidase 14 (tRNA-guanine transglycosylase) (UBP1), mRNA;

gi|82880647|ref|NM\_016653.2| Homo sapiens sterile alpha motif and leucine zipper containing kinase AZK (AZK1), mRNA;

gi|82880650|ref|NM\_004051.4| Homo sapiens 3-hydroxybutyrate dehydrogenase, type 1 (BDH1), nuclear isoform, mRNA;

gi|82880657|ref|NM\_016299.2| Homo sapiens heat shock 70kDa protein 14 (HSPA14), transcript variant 1, mRNA;

gi|82880673|ref|NM\_001029954.2| Homo sapiens cerebral dopamine neurotrophic factor (CDNF), mRNA;

gi|82880675|ref|NM\_024844.3| Homo sapiens nucleoporin 85kDa (NUP85), mRNA;

gi|83025111|ref|NM\_020845.2| Homo sapiens phosphatidylinositol transfer protein, membrane-associated

gi|83035132|ref|NM\_152389.2| Homo sapiens coiled-coil domain containing 108 (CCDC108), transcript variant 1

gi|83035135|ref|NM\_030648.2| Homo sapiens SET domain containing (lysine methyltransferase) 7 (SETD7), mRNA

gi|83035137|ref|NM\_003298.3| Homo sapiens nuclear receptor subfamily 2, group C, member 2 (NR2C2), mRNA

gi|83267869|ref|NM\_003746.2| Homo sapiens dynein, light chain, LC8-type 1 (DYNLL1), transcript variant 3

gi|83267870|ref|NM\_080431.4| Homo sapiens actin-related protein T2 (ACTRT2), mRNA;

gi|83267873|ref|NM\_001037553.1| Homo sapiens 1-acylglycerol-3-phosphate O-acyltransferase 3 (AGPAT3), mRNA

gi|83267878|ref|NM\_003907.2| Homo sapiens eukaryotic translation initiation factor 2B, subunit 5 epsilon, mRNA

gi|83281198|ref|NR\_002601.1| Homo sapiens flavin containing monooxygenase 6 pseudogene (FMO6P), ncRNA

gi|83281205|ref|NM\_147189.2| Homo sapiens family with sequence similarity 110, member B (FAM110B), mRNA

gi|83281433|ref|NM\_019032.4| Homo sapiens ADAMTS-like 4 (ADAMTSL4), transcript variant 1, mRNA; gi|83281436|ref|NM\_174881.2| Homo sapiens crumbs homolog 3 (Drosophila) (CRB3), transcript variant 3, mRNA

gi|83281437|ref|NM\_003758.2| Homo sapiens eukaryotic translation initiation factor 3, subunit J (EIF3J), mRNA

gi|83281439|ref|NM\_003757.2| Homo sapiens eukaryotic translation initiation factor 3, subunit I (EIF3I), mRNA

gi|83281440|ref|NM\_003755.3| Homo sapiens eukaryotic translation initiation factor 3, subunit G (EIF3G), mRNA

gi|83281442|ref|NM\_018006.4| Homo sapiens tRNA 5-methylaminomethyl-2-thiouridylate methyltransferase 1 (MTMT1), mRNA

gi|83281448|ref|NM\_006214.3| Homo sapiens phytanoyl-CoA 2-hydroxylase (PHYH), transcript variant 1, mRNA

gi|83313663|ref|NR\_002602.1| Homo sapiens small nucleolar RNA, C/D box 37 (SNORD37), small nucleolar RNA

gi|83320067|ref|NM\_021047.2| Homo sapiens zinc finger protein 253 (ZNF253), mRNA;

gi|83367066|ref|NM\_003159.2| Homo sapiens cyclin-dependent kinase-like 5 (CDKL5), transcript variant I, mRNA

gi|83367067|ref|NM\_003750.2| Homo sapiens eukaryotic translation initiation factor 3, subunit A (EIF3A), mRNA

gi|83367070|ref|NM\_003753.3| Homo sapiens eukaryotic translation initiation factor 3, subunit D (EIF3D), mRNA

gi|83367073|ref|NM\_003751.3| Homo sapiens eukaryotic translation initiation factor 3, subunit B (EIF3B), transcript variant 1, mRNA

gi|83367074|ref|NM\_175617.3| Homo sapiens metallothionein 1E (MT1E), mRNA;

gi|83367076|ref|NM\_024690.2| Homo sapiens mucin 16, cell surface associated (MUC16), mRNA;

gi|83367078|ref|NM\_001402.5| Homo sapiens eukaryotic translation elongation factor 1 alpha 1 (EEF1A1), mRNA

gi|83367079|ref|NM\_003801.3| Homo sapiens glycosylphosphatidylinositol anchor attachment protein 1 human (GPIAP1), mRNA

gi|83376128|ref|NM\_021121.3| Homo sapiens eukaryotic translation elongation factor 1 beta 2 (EEF1B2), transcript variant 1, mRNA

gi|83415166|ref|NM\_001037668.1| Homo sapiens defensin, beta 107A (DEFB107A), mRNA;

gi|83415186|ref|NR\_002555.2| Homo sapiens nuclear pore complex interacting protein pseudogene (LOC645289), ncRNA

gi|83415187|ref|NR\_002473.2| Homo sapiens smg-1 homolog, phosphatidylinositol 3-kinase-related kinase 1 (SMG1), mRNA

gi|83415190|ref|NR\_002453.4| Homo sapiens smg-1 homolog, phosphatidylinositol 3-kinase-related kinase 1 (SMG1), mRNA

gi|83582795|ref|NM\_001037729.1| Homo sapiens defensin, beta 113 (DEFB113), mRNA;

gi|83582797|ref|NM\_001037730.1| Homo sapiens defensin, beta 115 (DEFB115), mRNA;

gi|83582799|ref|NM\_001037731.1| Homo sapiens defensin, beta 116 (DEFB116), mRNA;

gi|83582801|ref|NM\_001037732.1| Homo sapiens defensin, beta 128 (DEFB128), mRNA;

gi|83582808|ref|NM\_018142.2| Homo sapiens integrator complex subunit 10 (INTS10), mRNA;

gi|83582814|ref|NM\_003125.2| Homo sapiens small proline-rich protein 1B (SPRR1B), mRNA;

gi|83582816|ref|NM\_001024209.2| Homo sapiens small proline-rich protein 2E (SPRR2E), mRNA;

gi|83627704|ref|NM\_006004.2| Homo sapiens ubiquinol-cytochrome c reductase hinge protein (UQCRH), mRNA

gi|83627720|ref|NM\_199289.1| Homo sapiens NIMA (never in mitosis gene a)-related kinase 5 (NEK5), mRNA

gi|83641873|ref|NM\_031311.3| Homo sapiens carboxypeptidase, vitellogenic-like (CPVL), transcript variant 1, mRNA

gi|83641879|ref|NM\_018622.5| Homo sapiens presenilin associated, rhomboid-like (PARL), nuclear gene expression

gi|83641883|ref|NM\_001207.4| Homo sapiens basic transcription factor 3 (BTF3), transcript variant 2, mRNA

gi|83641893|ref|NM\_002136.2| Homo sapiens heterogeneous nuclear ribonucleoprotein A1 (HNRNPA1), transcript variant 1, mRNA

gi|83641897|ref|NM\_006098.4| Homo sapiens guanine nucleotide binding protein (G protein), beta polypeptide, mRNA

gi|83641898|ref|NM\_022464.4| Homo sapiens SIL1 homolog, endoplasmic reticulum chaperone (S. cerevisiae) (SIL1), mRNA

gi|83656774|ref|NM\_001404.4| Homo sapiens eukaryotic translation elongation factor 1 gamma (EEF1G), r

gi|83656775|ref|NM\_001961.3| Homo sapiens eukaryotic translation elongation factor 2 (EEF2), mRNA;

gi|83656776|ref|NM\_003756.2| Homo sapiens eukaryotic translation initiation factor 3, subunit H (EIF3H), r

gi|83656777|ref|NM\_013234.2| Homo sapiens eukaryotic translation initiation factor 3, subunit K (EIF3K), r

gi|83656778|ref|NM\_003754.2| Homo sapiens eukaryotic translation initiation factor 3, subunit F (EIF3F), n

gi|83656779|ref|NM\_001568.2| Homo sapiens eukaryotic translation initiation factor 3, subunit E (EIF3E), n

gi|83656780|ref|NM\_032025.3| Homo sapiens eukaryotic translation initiation factor 2A, 65kDa (EIF2A), m

gi|83656781|ref|NM\_174916.2| Homo sapiens ubiquitin protein ligase E3 component n-recogin 1 (UBR1),

gi|83656782|ref|NM\_001415.3| Homo sapiens eukaryotic translation initiation factor 2, subunit 3 gamma, !

gi|83699413|ref|NM\_001037804.1| Homo sapiens defensin, beta 130 (DEFB130), mRNA;

gi|83700219|ref|NM\_001037277.1| Homo sapiens geranylgeranyl diphosphate synthase 1 (GGPS1), transcr

gi|83700232|ref|NM\_001037808.1| Homo sapiens eukaryotic translation initiation factor 3, subunit C (EIF3

gi|83700234|ref|NM\_001967.3| Homo sapiens eukaryotic translation initiation factor 4A2 (EIF4A2), mRNA;

gi|83700236|ref|NM\_002521.2| Homo sapiens natriuretic peptide B (NPPB), mRNA;

gi|83715963|ref|NM\_006339.2| Homo sapiens high mobility group 20B (HMG20B), mRNA;

gi|83715965|ref|NM\_001001669.2| Homo sapiens Rho guanine nucleotide exchange factor (GEF) 37 (ARHG

gi|83715967|ref|NM\_001008391.2| Homo sapiens coiled-coil domain containing 73 (CCDC73), mRNA;

gi|83715986|ref|NR\_002605.1| Homo sapiens deleted in lymphocytic leukemia 1 (non-protein coding) (DLE

gi|83716020|ref|NM\_001037814.1| Homo sapiens GRB2-associated binding protein family, member 4 (GAE

gi|83716022|ref|NM\_007054.5| Homo sapiens kinesin family member 3A (KIF3A), mRNA;

gi|83722276|ref|NM\_014521.2| Homo sapiens SH3-domain binding protein 4 (SH3BP4), mRNA;

gi|83722278|ref|NM\_001042.2| Homo sapiens solute carrier family 2 (facilitated glucose transporter), merr

gi|83722285|ref|NM\_019841.4| Homo sapiens transient receptor potential cation channel, subfamily V, me

gi|83745140|ref|NM\_030924.3| Homo sapiens acyl-CoA synthetase bubblegum family member 2 (ACSBG2)

gi|83776586|ref|NM\_003095.2| Homo sapiens small nuclear ribonucleoprotein polypeptide F (SNRPF), mRN

gi|83776589|ref|NM\_006321.2| Homo sapiens ariadne homolog 2 (Drosophila) (ARIH2), mRNA;

gi|83776593|ref|NM\_145044.2| Homo sapiens zinc finger protein 501 (ZNF501), mRNA;

gi|83776595|ref|NM\_024046.3| Homo sapiens CaM kinase-like vesicle-associated (CAMKV), mRNA;

gi|83776601|ref|NM\_016647.2| Homo sapiens chromosome 8 open reading frame 55 (C8orf55), mRNA;

gi|83779006|ref|NM\_174941.4| Homo sapiens CD163 molecule-like 1 (CD163L1), mRNA;

gi|83779007|ref|NM\_005868.4| Homo sapiens blocked early in transport 1 homolog (S. cerevisiae) (BET1), i

gi|83779009|ref|NM\_024077.3| Homo sapiens SECIS binding protein 2 (SECISBP2), mRNA;

gi|83779013|ref|NM\_005886.2| Homo sapiens katanin p80 (WD repeat containing) subunit B 1 (KATNB1), n

gi|83816916|ref|NR\_002612.1| Homo sapiens deleted in lymphocytic leukemia 2 (non-protein coding) (DLE

gi|83816963|ref|NM\_018410.3| Homo sapiens Holliday junction recognition protein (HJURP), mRNA;

gi|83816969|ref|NM\_052875.3| Homo sapiens vacuolar protein sorting 26 homolog B (S. pombe) (VPS26B),

gi|83921601|ref|NM\_001037984.1| Homo sapiens solute carrier family 38, member 10 (SLC38A10), transcr

gi|83921613|ref|NM\_030579.2| Homo sapiens cytochrome b5 type B (outer mitochondrial membrane) (CY

gi|8393008|ref|NM\_013265.2| Homo sapiens chromosome 11 open reading frame 2 (C11orf2), mRNA;

gi|8393411|ref|NM\_017417.1| Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylga

gi|8394401|ref|NM\_016944.1| Homo sapiens taste receptor, type 2, member 4 (TAS2R4), mRNA;

gi|83977447|ref|NM\_018951.3| Homo sapiens homeobox A10 (HOXA10), transcript variant 1, mRNA; gi|32

gi|83977451|ref|NM\_013994.2| Homo sapiens discoidin domain receptor tyrosine kinase 1 (DDR1), transcri

gi|83977458|ref|NM\_007350.3| Homo sapiens pleckstrin homology-like domain, family A, member 1 (PHLC

gi|84000431|ref|NM\_144963.2| Homo sapiens family with sequence similarity 91, member A1 (FAM91A1),

gi|84043946|ref|NM\_030661.4| Homo sapiens homeobox A3 (HOXA3), transcript variant 1, mRNA; gi|8404

gi|84043950|ref|NM\_152739.3| Homo sapiens homeobox A9 (HOXA9), mRNA;

gi|84043951|ref|NM\_002144.3| Homo sapiens homeobox B1 (HOXB1), mRNA;

gi|84043952|ref|NM\_006361.5| Homo sapiens homeobox B13 (HOXB13), mRNA;

gi|84043953|ref|NM\_017409.3| Homo sapiens homeobox C10 (HOXC10), mRNA;

gi|84043954|ref|NM\_014212.3| Homo sapiens homeobox C11 (HOXC11), mRNA;

gi|84043957|ref|NM\_178120.4| Homo sapiens distal-less homeobox 1 (DLX1), transcript variant 1, mRNA; ξ

gi|84043958|ref|NM\_004405.3| Homo sapiens distal-less homeobox 2 (DLX2), mRNA;

gi|84043959|ref|NM\_005221.5| Homo sapiens distal-less homeobox 5 (DLX5), mRNA;

gi|84043962|ref|NM\_015904.3| Homo sapiens eukaryotic translation initiation factor 5B (EIF5B), mRNA;

gi|84043964|ref|NM\_001989.3| Homo sapiens even-skipped homeobox 1 (EVX1), mRNA;

gi|84043968|ref|NM\_016316.2| Homo sapiens REV1 homolog (S. cerevisiae) (REV1), transcript variant 1, m

gi|84105266|ref|NM\_005523.5| Homo sapiens homeobox A11 (HOXA11), mRNA;

gi|84105267|ref|NM\_006896.3| Homo sapiens homeobox A7 (HOXA7), mRNA;

gi|84105331|ref|NM\_004527.3| Homo sapiens mesenchyme homeobox 1 (MEOX1), transcript variant 1, ml

gi|84105334|ref|NM\_005924.4| Homo sapiens mesenchyme homeobox 2 (MEOX2), mRNA;

gi|84370275|ref|NM\_198273.1| Homo sapiens LysM, putative peptidoglycan-binding, domain containing 3

gi|84370365|ref|NM\_001029891.2| Homo sapiens phosphoglycerate mutase family member 4 (PGAM4), m

gi|84452148|ref|NM\_033167.2| Homo sapiens beta-1,3-N-acetylgalactosaminyltransferase 1 (globoside blo

gi|84452153|ref|NM\_002449.4| Homo sapiens msh homeobox 2 (MSX2), mRNA;

gi|84508630|ref|NM\_024419.3| Homo sapiens phosphatidylglycerophosphate synthase 1 (PGS1), mRNA;

gi|84570136|ref|NM\_002146.4| Homo sapiens homeobox B3 (HOXB3), mRNA;

gi|84570138|ref|NM\_002145.3| Homo sapiens homeobox B2 (HOXB2), mRNA;

gi|84626579|ref|NM\_025108.2| Homo sapiens chromosome 16 open reading frame 59 (C16orf59), mRNA;

gi|84662752|ref|NM\_001038705.1| Homo sapiens G protein-coupled receptor 149 (GPR149), mRNA;

gi|84697021|ref|NM\_153620.2| Homo sapiens homeobox A1 (HOXA1), transcript variant 2, mRNA; gi|8469

gi|84697025|ref|NM\_001038702.1| Homo sapiens CDC42 small effector 2 (CDC42SE2), transcript variant 2,

gi|84697035|ref|NM\_205850.2| Homo sapiens solute carrier family 24, member 5 (SLC24A5), mRNA;

gi|84781815|ref|NM\_001478.3| Homo sapiens beta-1,4-N-acetyl-galactosaminyl transferase 1 (B4GALNT1),

gi|84798619|ref|NM\_001038707.1| Homo sapiens CDC42 small effector 1 (CDC42SE1), transcript variant 1,

gi|84798621|ref|NM\_005908.3| Homo sapiens mannosidase, beta A, lysosomal (MANBA), mRNA;

gi|84871989|ref|NR\_002712.1| Homo sapiens chemokine (C-X-C motif) receptor 2 pseudogene 1 (CXCR2P1

gi|84871994|ref|NR\_002715.1| Homo sapiens RNA, 7SL, cytoplasmic 1 (RN7SL1), small cytoplasmic RNA;

gi|84871995|ref|NR\_002714.1| Homo sapiens regenerating islet-derived 1 pseudogene (REG1P), non-codin

gi|84872003|ref|NR\_002720.1| Homo sapiens transient receptor potential cation channel, subfamily C, mei

gi|84872014|ref|NR\_002734.1| Homo sapiens pituitary tumor-transforming 3, pseudogene (PTTG3P), non-c

gi|84872015|ref|NR\_002731.1| Homo sapiens hyaluronoglucosaminidase pseudogene 1 (HYALP1), non-cod

gi|84872016|ref|NR\_002736.1| Homo sapiens small nucleolar RNA, C/D box 60 (SNORD60), small nuclear R

gi|84872018|ref|NR\_002738.1| Homo sapiens small nucleolar RNA, C/D box 57 (SNORD57), small nuclear R

gi|84872019|ref|NR\_002735.1| Homo sapiens small nucleolar RNA, C/D box 61 (SNORD61), small nuclear R

gi|84872021|ref|NR\_002741.1| Homo sapiens small nucleolar RNA, C/D box 53 (SNORD53), small nucleolar

gi|84872022|ref|NR\_002737.1| Homo sapiens small nucleolar RNA, C/D box 59A (SNORD59A), small nuclea

gi|84872023|ref|NR\_002739.1| Homo sapiens small nucleolar RNA, C/D box 56 (SNORD56), small nuclear R

gi|84872024|ref|NR\_002744.1| Homo sapiens small nucleolar RNA, C/D box 49A (SNORD49A), small nucleo

gi|84872026|ref|NR\_002746.1| Homo sapiens small nucleolar RNA, C/D box 47 (SNORD47), small nuclear R

gi|84872028|ref|NR\_002748.1| Homo sapiens small nucleolar RNA, C/D box 45B (SNORD45B), small nuclea

gi|84872029|ref|NR\_002745.1| Homo sapiens small nucleolar RNA, C/D box 48 (SNORD48), small nuclear R

gi|84872033|ref|NR\_002751.1| Homo sapiens small nucleolar RNA, C/D box 41 (SNORD41), small nuclear R

gi|84872039|ref|NR\_002749.1| Homo sapiens small nucleolar RNA, C/D box 45A (SNORD45A), small nuclea

gi|84872045|ref|NR\_002762.1| Homo sapiens PRO0611 protein (PRO0611), non-coding RNA;

gi|84872048|ref|NR\_002771.1| Homo sapiens deleted in lymphocytic leukemia 2-like (DLEU2L), non-coding

gi|84872051|ref|NR\_002770.1| Homo sapiens DIO3 opposite strand/antisense RNA (non-protein coding) (D

gi|84872052|ref|NR\_002768.1| Homo sapiens hydatidiform mole associated and imprinted (non-protein co

gi|84872058|ref|NR\_002769.1| Homo sapiens prostate-specific transcript 1 (non-protein coding) (PCGEM1)

gi|84872059|ref|NR\_002778.1| Homo sapiens ribosomal protein L29 pseudogene 2 (RPL29P2), non-coding

gi|84872061|ref|NR\_002779.1| Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 9

gi|84872062|ref|NR\_002773.1| Homo sapiens AOC3 pseudogene (AOC4), non-coding RNA;

gi|84872063|ref|NR\_002781.1| Homo sapiens testis specific protein, Y-linked 26, pseudogene (TSPY26P), n

gi|84872067|ref|NR\_002780.1| Homo sapiens HIG1 hypoxia inducible domain family, member 2B (HIGD2B)

gi|84872070|ref|NR\_002784.1| Homo sapiens SMEK homolog 3, suppressor of mek1 (Dictyostelium) pseud

gi|84872072|ref|NR\_002786.1| Homo sapiens cell death-inducing DFFA-like effector c pseudogene (CIDECP

gi|84872073|ref|NR\_002793.1| Homo sapiens transmembrane phosphoinositide 3-phosphatase and tensin

gi|84872076|ref|NR\_002794.1| Homo sapiens triggering receptor expressed on myeloid cells-like 2 pseudo

gi|84872078|ref|NR\_002787.1| Homo sapiens uncharacterized LOC154449 (LOC154449), non-coding RNA;

gi|84872082|ref|NR\_002799.1| Homo sapiens uncharacterized LOC256880 (LOC256880), non-coding RNA;

gi|84872083|ref|NR\_002798.1| Homo sapiens napsin B aspartic peptidase pseudogene (NAPSB), non-coding

gi|84872085|ref|NR\_002801.1| Homo sapiens PHD finger protein 2 pseudogene 1 (PHF2P1), non-coding RN

gi|84872093|ref|NR\_002811.1| Homo sapiens NPHP3 antisense RNA 1 (non-protein coding) (NPHP3-AS1), n

gi|84872097|ref|NR\_002813.1| Homo sapiens KCNIP4 intronic transcript 1 (non-protein coding) (KCNIP4-IT:

gi|84872099|ref|NR\_002816.1| Homo sapiens thrombospondin, type I, domain containing 1 pseudogene 1

gi|84872110|ref|NR\_002829.1| Homo sapiens purinergic receptor P2X, ligand-gated ion channel, 6 pseudog

gi|84872112|ref|NR\_002827.1| Homo sapiens hect domain and RLD 2 pseudogene 4 (HERC2P4), non-coding

gi|84872113|ref|NR\_002825.1| Homo sapiens sialic acid binding Ig-like lectin 16 (gene/pseudogene) (SIGLE

gi|84872118|ref|NR\_002830.1| Homo sapiens gem (nuclear organelle) associated protein 8 pseudogene 4 (

gi|84872125|ref|NR\_002834.1| Homo sapiens dual specificity phosphatase 5 pseudogene (DUSP5P), non-c

gi|84872128|ref|NR\_002837.1| Homo sapiens ubiquitin-conjugating enzyme E2M pseudogene 1 (UBE2MP1

gi|84872133|ref|NR\_002838.1| Homo sapiens keratoconus gene 6 (KC6), non-coding RNA;

gi|84872172|ref|NM\_003432.1| Homo sapiens zinc finger protein 131 (ZNF131), mRNA;

gi|84874693|ref|NM\_012453.2| Homo sapiens transducin (beta)-like 2 (TBL2), mRNA;

gi|84875534|ref|NM\_198844.2| Homo sapiens zona pellucida binding protein 2 (ZBP2), transcript variant :

gi|84875540|ref|NM\_016230.3| Homo sapiens cytochrome b5 reductase 4 (CYB5R4), mRNA;

gi|84993741|ref|NM\_001039111.1| Homo sapiens tripartite motif containing 71, E3 ubiquitin protein ligase

gi|85062625|ref|NM\_032377.3| Homo sapiens elongation factor 1 homolog (S. cerevisiae) (ELOF1), mRNA;

gi|85062626|ref|NM\_015975.4| Homo sapiens TAF9B RNA polymerase II, TATA box binding protein (TBP)-a

gi|85067500|ref|NM\_001141.2| Homo sapiens arachidonate 15-lipoxygenase, type B (ALOX15B), transcript

gi|85067506|ref|NM\_013354.5| Homo sapiens CCR4-NOT transcription complex, subunit 7 (CNOT7), transc

gi|85068511|ref|NM\_134324.2| Homo sapiens TAR (HIV-1) RNA binding protein 2 (TARBP2), transcript vari

gi|85068579|ref|NM\_004502.3| Homo sapiens homeobox B7 (HOXB7), mRNA;

gi|85362736|ref|NM\_001039140.1| Homo sapiens chromosome 20 open reading frame 27 (C20orf27), mR

gi|85376187|ref|NM\_024015.4| Homo sapiens homeobox B4 (HOXB4), mRNA;

gi|85380096|ref|NM\_002147.3| Homo sapiens homeobox B5 (HOXB5), mRNA;

gi|85380098|ref|NM\_002148.3| Homo sapiens homeobox D10 (HOXD10), mRNA;

gi|85386052|ref|NM\_020632.2| Homo sapiens ATPase, H<sup>+</sup> transporting, lysosomal V0 subunit a4 (ATP6V0A

gi|85415513|ref|NM\_024017.4| Homo sapiens homeobox B9 (HOXB9), mRNA;

gi|85543349|ref|NM\_024016.3| Homo sapiens homeobox B8 (HOXB8), mRNA;

gi|85543350|ref|NM\_018952.4| Homo sapiens homeobox B6 (HOXB6), mRNA;

gi|85662708|ref|NM\_001004686.2| Homo sapiens olfactory receptor, family 2, subfamily L, member 2 (OR: gi|8567387|ref|NM\_016831.1| Homo sapiens period homolog 3 (Drosophila) (PER3), mRNA;

gi|85787938|ref|NM\_017743.4| Homo sapiens dipeptidyl-peptidase 8 (DPP8), transcript variant 2, mRNA; g

gi|85793113|ref|NM\_004691.4| Homo sapiens ATPase, H<sup>+</sup> transporting, lysosomal 38kDa, V0 subunit d1 (A

gi|85793115|ref|NM\_001692.3| Homo sapiens ATPase, H<sup>+</sup> transporting, lysosomal 56/58kDa, V1 subunit B:

gi|85794838|ref|NM\_001688.4| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial Fo complex, s

gi|85794839|ref|NM\_005176.5| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial Fo complex, s

gi|85797668|ref|NM\_032599.2| Homo sapiens family with sequence similarity 71, member F1 (FAM71F1), i

gi|85797672|ref|NM\_001039182.1| Homo sapiens bolA homolog 2B (E. coli) (BOLA2B), mRNA;

gi|85815825|ref|NM\_020315.4| Homo sapiens pyridoxal (pyridoxine, vitamin B6) phosphatase (PDXP), mRN

gi|85815826|ref|NM\_002305.3| Homo sapiens lectin, galactoside-binding, soluble, 1 (LGALS1), mRNA;

gi|85815827|ref|NM\_024313.2| Homo sapiens nucleolar protein 12 (NOL12), mRNA;

gi|85815828|ref|NM\_018957.3| Homo sapiens SH3-domain binding protein 1 (SH3BP1), mRNA;

gi|85838503|ref|NM\_005318.3| Homo sapiens H1 histone family, member 0 (H1F0), mRNA;

gi|85838512|ref|NM\_153638.2| Homo sapiens pantothenate kinase 2 (PANK2), nuclear gene encoding mitc

gi|85861239|ref|NM\_001031727.2| Homo sapiens methylthioribose-1-phosphate isomerase homolog (S. ce

gi|85861249|ref|NM\_024331.3| Homo sapiens tocopherol (alpha) transfer protein-like (TTPAL), transcript v

gi|86198309|ref|NM\_001039355.1| Homo sapiens solute carrier family 25 (mitochondrial carnitine/acylcar

gi|86439956|ref|NM\_001039372.1| Homo sapiens HEPACAM family member 2 (HEPACAM2), transcript var

gi|86476048|ref|NR\_002894.1| Homo sapiens hippocampus abundant transcript-like 2 (HIATL2), non-codin

gi|86604696|ref|NR\_002908.1| Homo sapiens small nucleolar RNA, C/D box 20 (SNORD20), small nucleolar

gi|86604699|ref|NR\_002911.1| Homo sapiens small nucleolar RNA, H/ACA box 71A (SNORA71A), small nucl

gi|86604701|ref|NR\_002912.1| Homo sapiens small nucleolar RNA, H/ACA box 67 (SNORA67), small nucleo

gi|86604703|ref|NR\_002913.1| Homo sapiens small nucleolar RNA, C/D box 63 (SNORD63), small nucleolar

gi|86604704|ref|NR\_002914.1| Homo sapiens small nucleolar RNA, C/D box 62A (SNORD62A), small nucleo

gi|86604707|ref|NR\_002915.1| Homo sapiens small nucleolar RNA, H/ACA box 74A (SNORA74A), small nucl

gi|86604709|ref|NR\_002917.1| Homo sapiens small nucleolar RNA, H/ACA box 19 (SNORA19), small nucleo

gi|86604712|ref|NR\_002918.1| Homo sapiens small nucleolar RNA, H/ACA box 48 (SNORA48), small nucleo

gi|86604713|ref|NR\_002919.1| Homo sapiens small nucleolar RNA, H/ACA box 5A (SNORA5A), small nucleo

gi|86604714|ref|NR\_002921.1| Homo sapiens small nucleolar RNA, H/ACA box 75 (SNORA75), small nucleo

gi|86604715|ref|NR\_002922.1| Homo sapiens small nucleolar RNA, H/ACA box 13 (SNORA13), small nucleo

gi|86604718|ref|NR\_002920.1| Homo sapiens small nucleolar RNA, H/ACA box 8 (SNORA8), small nucleolar

gi|86787725|ref|NM\_032583.3| Homo sapiens ATP-binding cassette, sub-family C (CFTR/MRP), member 11

gi|86792454|ref|NM\_001652.3| Homo sapiens aquaporin 6, kidney specific (AQP6), mRNA;

gi|86792636|ref|NM\_004047.3| Homo sapiens ATPase, H<sup>+</sup> transporting, lysosomal 21kDa, V0 subunit b (AT

gi|86792777|ref|NM\_001936.3| Homo sapiens dipeptidyl-peptidase 6 (DPP6), transcript variant 2, mRNA; g

gi|86793108|ref|NM\_000651.4| Homo sapiens complement component (3b/4b) receptor 1 (Knops blood gi

gi|86813773|ref|NM\_002319.3| Homo sapiens leucine-rich repeats and calponin homology (CH) domain co

gi|86990434|ref|NM\_001039467.1| Homo sapiens regulator of G-protein signaling 19 (RGS19), transcript v:

gi|86990447|ref|NM\_198545.3| Homo sapiens chromosome 1 open reading frame 187 (C1orf187), mRNA;

gi|86990455|ref|NM\_178839.4| Homo sapiens leucine rich repeat transmembrane neuronal 1 (LRRTM1), r

gi|86991439|ref|NM\_006925.3| Homo sapiens serine/arginine-rich splicing factor 5 (SRSF5), transcript varia

gi|87042273|ref|NM\_004756.3| Homo sapiens numb homolog (Drosophila)-like (NUMBL), mRNA;

gi|87042274|ref|NM\_022140.3| Homo sapiens erythrocyte membrane protein band 4.1 like 4A (EPB41L4A)

gi|87042402|ref|NM\_003793.3| Homo sapiens cathepsin F (CTSF), mRNA;

gi|87044897|ref|NM\_001047.2| Homo sapiens steroid-5-alpha-reductase, alpha polypeptide 1 (3-oxo-5 alp

gi|87044927|ref|NM\_004055.4| Homo sapiens calpain 5 (CAPN5), mRNA;



gi|87080798|ref|NM\_021255.2| Homo sapiens pellino E3 ubiquitin protein ligase family member 2 (PELI2),

gi|87080803|ref|NM\_173084.2| Homo sapiens tripartite motif containing 59 (TRIM59), mRNA;

gi|87080806|ref|NM\_004848.2| Homo sapiens chromosome 1 open reading frame 38 (C1orf38), transcript

gi|87080808|ref|NM\_005671.2| Homo sapiens UBX domain protein 8 (UBXN8), mRNA;

gi|87080809|ref|NM\_198508.2| Homo sapiens killer cell lectin-like receptor subfamily G, member 2 (KLRG2)

gi|87080812|ref|NM\_152271.3| Homo sapiens LON peptidase N-terminal domain and ring finger 1 (LONRF1)

gi|87116667|ref|NM\_001039479.1| Homo sapiens KIAA0317 (KIAA0317), mRNA;

gi|87116670|ref|NM\_153018.2| Homo sapiens zinc finger protein 3 homolog (mouse) (ZFP3), mRNA;

gi|87116672|ref|NM\_152356.3| Homo sapiens zinc finger protein 491 (ZNF491), mRNA;

gi|87116680|ref|NM\_153613.2| Homo sapiens lysophosphatidylcholine acyltransferase 4 (LPCAT4), mRNA;

gi|87116682|ref|NM\_144982.4| Homo sapiens zinc finger, C3H1-type containing (ZFC3H1), mRNA;

gi|87159809|ref|NM\_001693.3| Homo sapiens ATPase, H<sup>+</sup> transporting, lysosomal 56/58kDa, V1 subunit B;

gi|87159811|ref|NM\_001039362.1| Homo sapiens ATPase, H<sup>+</sup> transporting, lysosomal 42kDa, V1 subunit C

gi|87159814|ref|NM\_001696.3| Homo sapiens ATPase, H<sup>+</sup> transporting, lysosomal 31kDa, V1 subunit E1 (A

gi|87159819|ref|NM\_139030.3| Homo sapiens CD151 molecule (Raph blood group) (CD151), transcript vari

gi|87159820|ref|NM\_004888.3| Homo sapiens ATPase, H<sup>+</sup> transporting, lysosomal 13kDa, V1 subunit G1 (A

gi|87162454|ref|NM\_015229.3| Homo sapiens KIAA0664 (KIAA0664), mRNA;

gi|87162456|ref|NM\_080664.2| Homo sapiens chromosome 14 open reading frame 126 (C14orf126), mRN

gi|87162459|ref|NM\_032554.3| Homo sapiens hydroxycarboxylic acid receptor 1 (HCAR1), mRNA;

gi|87162462|ref|NM\_030641.3| Homo sapiens apolipoprotein L, 6 (APOL6), mRNA;

gi|87196331|ref|NM\_006440.3| Homo sapiens thioredoxin reductase 2 (TXNRD2), nuclear gene encoding r

gi|87196332|ref|NM\_152407.3| Homo sapiens GrpE-like 2, mitochondrial (E. coli) (GRPEL2), nuclear gene e

gi|87196338|ref|NM\_001848.2| Homo sapiens collagen, type VI, alpha 1 (COL6A1), mRNA;

gi|87196342|ref|NM\_178140.2| Homo sapiens PDZ domain containing 2 (PDZD2), mRNA;

gi|87239980|ref|NM\_003747.2| Homo sapiens tankyrase, TRF1-interacting ankyrin-related ADP-ribose poly

gi|87252716|ref|NM\_001039517.1| Homo sapiens RUSC1 antisense RNA 1 (non-protein coding) (RUSC1-AS

gi|87298824|ref|NM\_015991.2| Homo sapiens complement component 1, q subcomponent, A chain (C1QA

gi|87298827|ref|NM\_000491.3| Homo sapiens complement component 1, q subcomponent, B chain (C1QB

gi|87298839|ref|NM\_006020.2| Homo sapiens alkB, alkylation repair homolog 1 (E. coli) (ALKBH1), mRNA;

gi|87298842|ref|NM\_001039481.1| Homo sapiens ethanolamine kinase 1 (ETNK1), transcript variant 2, mR

gi|87298934|ref|NM\_024712.3| Homo sapiens engulfment and cell motility 3 (ELMO3), mRNA;

gi|87298936|ref|NM\_007018.4| Homo sapiens centriolin (CNTRL), mRNA;

gi|87298938|ref|NM\_152394.3| Homo sapiens family with sequence similarity 194, member A (FAM194A),

gi|87299625|ref|NM\_001031748.2| Homo sapiens chromosome 12 open reading frame 40 (C12orf40), mRN

gi|87299627|ref|NM\_148894.2| Homo sapiens biorientation of chromosomes in cell division 1-like 1 (BOD1

gi|87578254|ref|NM\_031847.2| Homo sapiens microtubule-associated protein 2 (MAP2), transcript variant

gi|88014608|ref|NM\_176816.3| Homo sapiens coiled-coil domain containing 125 (CCDC125), mRNA;

gi|88196797|ref|NM\_153711.2| Homo sapiens family with sequence similarity 26, member E (FAM26E), mF

gi|88501732|ref|NM\_006736.5| Homo sapiens DnaJ (Hsp40) homolog, subfamily B, member 2 (DNAJB2), tr

gi|88501739|ref|NM\_007032.5| Homo sapiens TRIO and F-actin binding protein (TRIOBP), transcript variant

gi|88702792|ref|NM\_138440.2| Homo sapiens vasorin (VASN), mRNA;

gi|88703040|ref|NM\_152233.2| Homo sapiens sorting nexin 6 (SNX6), transcript variant 2, mRNA; gi|88703

gi|88703049|ref|NM\_017828.3| Homo sapiens COMM domain containing 4 (COMMD4), mRNA;

gi|88703050|ref|NM\_001039569.1| Homo sapiens adaptor-related protein complex 1, sigma 3 subunit (AP:

gi|88703065|ref|NM\_153635.2| Homo sapiens copine family member IX (CPNE9), mRNA;

gi|88758564|ref|NM\_002232.3| Homo sapiens potassium voltage-gated channel, shaker-related subfamily,

gi|88758587|ref|NM\_000794.3| Homo sapiens dopamine receptor D1 (DRD1), mRNA;

gi|88758589|ref|NM\_005297.3| Homo sapiens melanin-concentrating hormone receptor 1 (MCHR1), mRNA;

gi|88758599|ref|NM\_001039583.1| Homo sapiens protein interacting with PRKCA 1 (PICK1), transcript variant 1, mRNA;

gi|88758604|ref|NM\_000959.3| Homo sapiens prostaglandin F receptor (FP) (PTGFR), transcript variant 1, mRNA;

gi|88758609|ref|NM\_033310.2| Homo sapiens potassium channel, subfamily K, member 4 (KCNK4), mRNA;

gi|88758612|ref|NM\_012072.3| Homo sapiens CD93 molecule (CD93), mRNA;

gi|88758614|ref|NM\_000419.3| Homo sapiens integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex), mRNA;

gi|88759336|ref|NM\_018066.3| Homo sapiens GPN-loop GTPase 2 (GPN2), mRNA;

gi|88759338|ref|NM\_001039580.1| Homo sapiens microtubule-associated protein 9 (MAP9), mRNA;

gi|88759345|ref|NM\_021167.3| Homo sapiens GATA zinc finger domain containing 1 (GATAD1), mRNA;

gi|88759347|ref|NM\_024546.3| Homo sapiens ring finger protein 219 (RNF219), mRNA;

gi|88853058|ref|NM\_001039589.1| Homo sapiens DPH2 homolog (*S. cerevisiae*) (DPH2), transcript variant 1, mRNA;

gi|88853065|ref|NM\_001039592.1| Homo sapiens sperm associated antigen 8 (SPAG8), transcript variant 1, mRNA;

gi|88853067|ref|NM\_002911.3| Homo sapiens UPF1 regulator of nonsense transcripts homolog (yeast) (UPF1), mRNA;

gi|88853068|ref|NM\_000638.3| Homo sapiens vitronectin (VTN), mRNA;

gi|88853576|ref|NM\_016046.3| Homo sapiens exosome component 1 (EXOSC1), mRNA;

gi|88853582|ref|NM\_015973.3| Homo sapiens galanin prepropeptide (GAL), mRNA;

gi|88853864|ref|NM\_001039613.1| Homo sapiens isoamyl acetate-hydrolyzing esterase 1 homolog (*S. cerevisiae*) (IAHE1), mRNA;

gi|88853866|ref|NM\_001039614.1| Homo sapiens chromosome 15 open reading frame 59 (C15orf59), mRNA;

gi|88853870|ref|NM\_001039616.1| Homo sapiens sprouty-related, EVH1 domain containing 3 (SPRED3), transcript variant 1, mRNA;

gi|88900492|ref|NM\_001039617.1| Homo sapiens zinc finger, DHHC-type containing 19 (ZDHHC19), mRNA;

gi|88900496|ref|NM\_015144.2| Homo sapiens zinc finger, CCHC domain containing 14 (ZCCHC14), mRNA;

gi|88900502|ref|NM\_000360.3| Homo sapiens tyrosine hydroxylase (TH), transcript variant 2, mRNA;

gi|88900510|ref|NM\_006109.3| Homo sapiens protein arginine methyltransferase 5 (PRMT5), transcript variant 1, mRNA;

gi|88999567|ref|NM\_000665.3| Homo sapiens acetylcholinesterase (ACHE), transcript variant E4-E6, mRNA;

gi|88999569|ref|NM\_032463.2| Homo sapiens linker for activation of T cells family, member 2 (LAT2), transcript variant 1, mRNA;

gi|88999575|ref|NM\_002622.4| Homo sapiens prefoldin subunit 1 (PFDN1), mRNA;

gi|88999576|ref|NM\_012394.3| Homo sapiens prefoldin subunit 2 (PFDN2), mRNA;

gi|88999578|ref|NM\_002624.3| Homo sapiens prefoldin subunit 5 (PFDN5), transcript variant 1, mRNA;

gi|88999580|ref|NM\_003828.2| Homo sapiens myotubularin related protein 1 (MTMR1), mRNA;

gi|88999584|ref|NM\_145810.2| Homo sapiens cell division cycle associated 7 (CDCA7), transcript variant 2, mRNA;

gi|88999587|ref|NM\_080283.3| Homo sapiens ATP-binding cassette, sub-family A (ABC1), member 9 (ABCA9), mRNA;

gi|88999589|ref|NM\_175039.3| Homo sapiens ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-acetylglucosaminyl-6-sulfate 6-sulfotransferase 1 (ST6GAL1), mRNA;

gi|88999593|ref|NM\_197949.2| Homo sapiens C-type lectin domain family 7, member A (CLEC7A), transcript variant 1, mRNA;

gi|88999597|ref|NM\_021973.2| Homo sapiens heart and neural crest derivatives expressed 2 (HAND2), mRNA;

gi|88999598|ref|NM\_003740.3| Homo sapiens potassium channel, subfamily K, member 5 (KCNK5), mRNA;

gi|88999600|ref|NM\_182985.3| Homo sapiens tripartite motif containing 69 (TRIM69), transcript variant a, mRNA;

gi|89001095|ref|NM\_001039654.1| Homo sapiens zinc finger protein 550 (ZNF550), mRNA;

gi|89001103|ref|NM\_016212.2| Homo sapiens TP53 target 3 (TP53TG3), mRNA;

gi|89001104|ref|NM\_016536.3| Homo sapiens zinc finger protein 571 (ZNF571), mRNA;

gi|89001110|ref|NM\_001039651.1| Homo sapiens suppressor APC domain containing 1 (SAPCD1), mRNA;

gi|89052436|ref|XM\_929382.1| PREDICTED: Homo sapiens chromosome 19 open reading frame 67 (C19orf67), mRNA;

gi|89111120|ref|NM\_004923.3| Homo sapiens metallothionein-like 5, testis-specific (tesmin) (MTL5), transcript variant 1, mRNA;

gi|89111121|ref|NM\_001039661.1| Homo sapiens toll-interleukin 1 receptor (TIR) domain containing adaptor 1 (TIRAP), mRNA;

gi|89111134|ref|NM\_033226.2| Homo sapiens ATP-binding cassette, sub-family C (CFTR/MRP), member 12 (ABCC12), mRNA;

gi|89111138|ref|NM\_058244.2| Homo sapiens wingless-type MMTV integration site family, member 8A (WIF1), mRNA;

gi|89111933|ref|NR\_002927.1| Homo sapiens heat shock protein 90kDa alpha (cytosolic), class B member 4 (HSP90A), mRNA;

gi|89111950|ref|NM\_181706.4| Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 24 (DNAJC24), mRNA;

gi|89111952|ref|NM\_052907.2| Homo sapiens transmembrane protein 132B (TMEM132B), mRNA;

gi|89142731|ref|NM\_000504.3| Homo sapiens coagulation factor X (F10), mRNA;

gi|89142738|ref|NM\_012405.3| Homo sapiens isoprenylcysteine carboxyl methyltransferase (ICMT), mRNA;

gi|89142740|ref|NM\_004917.3| Homo sapiens kallikrein-related peptidase 4 (KLK4), mRNA;

gi|89142742|ref|NM\_020870.3| Homo sapiens SH3 domain containing ring finger 1 (SH3RF1), mRNA;

gi|89142743|ref|NM\_023068.3| Homo sapiens sialic acid binding Ig-like lectin 1, sialoadhesin (SIGLEC1), mRNA;

gi|89142744|ref|NM\_001039664.1| Homo sapiens tumor necrosis factor receptor superfamily, member 25 (TNFRSF25), mRNA;

gi|89145414|ref|NM\_001031703.2| Homo sapiens chromosome 3 open reading frame 75 (C3orf75), mRNA;

gi|89145416|ref|NM\_014033.3| Homo sapiens methyltransferase like 7A (METTL7A), mRNA;

gi|89145418|ref|NM\_018279.3| Homo sapiens transmembrane protein 19 (TMEM19), mRNA;

gi|89179320|ref|NM\_001039675.1| Homo sapiens unc-45 homolog A (C. elegans) (UNC45A), transcript variant 1, mRNA;

gi|89179322|ref|NM\_174900.3| Homo sapiens zinc finger protein 42 homolog (mouse) (ZFP42), mRNA;

gi|89191853|ref|NM\_017870.3| Homo sapiens transmembrane protein 132A (TMEM132A), transcript variant 1, mRNA;

gi|89191862|ref|NM\_033663.3| Homo sapiens dopamine receptor D3 (DRD3), transcript variant 1, mRNA;

gi|89191867|ref|NM\_000552.3| Homo sapiens von Willebrand factor (VWF), mRNA;

gi|8922242|ref|NM\_018004.1| Homo sapiens transmembrane protein 45A (TMEM45A), mRNA;

gi|8922280|ref|NM\_018024.1| Homo sapiens WDYHV motif containing 1 (WDYHV1), mRNA;

gi|8922332|ref|NM\_018049.1| Homo sapiens pleckstrin homology domain containing, family J member 1 (PLEKHA7), mRNA;

gi|8922460|ref|NM\_018112.1| Homo sapiens transmembrane protein 38B (TMEM38B), mRNA;

gi|8922527|ref|NM\_018143.1| Homo sapiens kelch-like 11 (Drosophila) (KLHL11), mRNA;

gi|8922531|ref|NM\_018145.1| Homo sapiens family with sequence similarity 82, member A2 (FAM82A2), mRNA;

gi|8922566|ref|NM\_018166.1| Homo sapiens family with sequence similarity 176, member B (FAM176B), mRNA;

gi|8922639|ref|NM\_018203.1| Homo sapiens kelch domain containing 8A (KLHDC8A), mRNA;

gi|8922664|ref|NM\_018216.1| Homo sapiens pantothenate kinase 4 (PANK4), mRNA;

gi|8922691|ref|NM\_018231.1| Homo sapiens solute carrier family 38, member 7 (SLC38A7), mRNA;

gi|8922755|ref|NM\_018266.1| Homo sapiens transmembrane protein 39A (TMEM39A), mRNA;

gi|8922791|ref|NM\_018283.1| Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 15 (NUDX15), mRNA;

gi|8922853|ref|NM\_018316.1| Homo sapiens kelch-like 26 (Drosophila) (KLHL26), mRNA;

gi|8922866|ref|NM\_018322.1| Homo sapiens SAYSVFN motif domain containing 1 (SAYSD1), mRNA;

gi|8922910|ref|NM\_018346.1| Homo sapiens radical S-adenosyl methionine domain containing 1 (RSAD1), mRNA;

gi|8922926|ref|NM\_018354.1| Homo sapiens transmembrane protein 74B (TMEM74B), mRNA;

gi|8923105|ref|NM\_017665.1| Homo sapiens zinc finger, CCHC domain containing 10 (ZCCHC10), mRNA;

gi|8923172|ref|NM\_017700.1| Homo sapiens Rho guanine nucleotide exchange factor (GEF) 38 (ARHGEF38), mRNA;

gi|8923178|ref|NM\_017703.1| Homo sapiens F-box and leucine-rich repeat protein 12 (FBXL12), mRNA;

gi|8923400|ref|NM\_017817.1| Homo sapiens RAB20, member RAS oncogene family (RAB20), mRNA;

gi|8923468|ref|NM\_017850.1| Homo sapiens chromosome 1 open reading frame 109 (C1orf109), mRNA;

gi|8923476|ref|NM\_017854.1| Homo sapiens transmembrane protein 160 (TMEM160), mRNA;

gi|8923525|ref|NM\_017878.1| Homo sapiens HRAS-like suppressor 2 (HRASLS2), mRNA;

gi|8923527|ref|NM\_017880.1| Homo sapiens chromosome 2 open reading frame 42 (C2orf42), mRNA;

gi|8923540|ref|NM\_017887.1| Homo sapiens chromosome 1 open reading frame 123 (C1orf123), mRNA;

gi|8923664|ref|NM\_017949.1| Homo sapiens CUE domain containing 1 (CUEDC1), mRNA;

gi|8923704|ref|NM\_018654.1| Homo sapiens G protein-coupled receptor, family C, group 5, member D (GPCR5D), mRNA;

gi|8923753|ref|NM\_018401.1| Homo sapiens serine/threonine kinase 32B (STK32B), mRNA;

gi|8923755|ref|NM\_018402.1| Homo sapiens interleukin 26 (IL26), mRNA;

gi|8923872|ref|NM\_018485.1| Homo sapiens G protein-coupled receptor 77 (GPR77), mRNA;

gi|8923891|ref|NM\_018663.1| Homo sapiens peroxisomal membrane protein 2, 22kDa (PXMP2), mRNA;

gi|89242129|ref|NM\_019002.3| Homo sapiens Ewing tumor-associated antigen 1 (ETAA1), mRNA;

gi|89242130|ref|NM\_014305.2| Homo sapiens TDP-glucose 4,6-dehydratase (TGDS), mRNA;

gi|89242140|ref|NM\_013326.3| Homo sapiens chromosome 18 open reading frame 8 (C18orf8), mRNA;

gi|89242144|ref|NM\_002620.2| Homo sapiens platelet factor 4 variant 1 (PF4V1), mRNA;

gi|89242147|ref|NM\_017872.3| Homo sapiens tRNA-histidine guanylyltransferase 1-like (*S. cerevisiae*) (THC

gi|89242151|ref|NM\_001039697.1| Homo sapiens small nuclear RNA activating complex, polypeptide 3, 50

gi|89257345|ref|NM\_005293.2| Homo sapiens G protein-coupled receptor 20 (GPR20), mRNA;

gi|89257356|ref|NM\_006883.2| Homo sapiens short stature homeobox (SHOX), transcript variant 2, mRNA

gi|89264695|ref|NM\_001039667.1| Homo sapiens angiopoietin-like 4 (ANGPTL4), transcript variant 3, mRNA

gi|89264742|ref|NM\_144994.7| Homo sapiens ankyrin repeat domain 23 (ANKRD23), mRNA;

gi|89274168|ref|NM\_020313.2| Homo sapiens cytokine induced apoptosis inhibitor 1 (CIAPIN1), mRNA;

gi|89276750|ref|NM\_000093.3| Homo sapiens collagen, type V, alpha 1 (COL5A1), mRNA;

gi|89276755|ref|NM\_003913.4| Homo sapiens PRP4 pre-mRNA processing factor 4 homolog B (yeast) (PRP

gi|89276761|ref|NM\_032940.2| Homo sapiens polymerase (RNA) II (DNA directed) polypeptide C, 33kDa (P

gi|89276765|ref|NM\_001039705.1| Homo sapiens trophinin (TRO), transcript variant 6, mRNA; gi|2954055

gi|89276768|ref|NM\_002747.3| Homo sapiens mitogen-activated protein kinase 4 (MAPK4), mRNA;

gi|89337269|ref|NM\_022749.5| Homo sapiens family with sequence similarity 160, member B2 (FAM160B;

gi|89353279|ref|NM\_032998.2| Homo sapiens death effector domain containing (DEDD), transcript variant

gi|89353282|ref|NM\_001039708.1| Homo sapiens serologically defined colon cancer antigen 3 (SDCCAG3),

gi|89353292|ref|NM\_005093.3| Homo sapiens core-binding factor, runt domain, alpha subunit 2; translocat

gi|89353296|ref|NM\_001183.4| Homo sapiens ATPase, H<sup>+</sup> transporting, lysosomal accessory protein 1 (ATF

gi|89353782|ref|NM\_003950.2| Homo sapiens coagulation factor II (thrombin) receptor-like 3 (F2RL3), mR

gi|89357931|ref|NM\_173352.2| Homo sapiens keratin 78 (KRT78), mRNA;

gi|89357934|ref|NM\_001039715.1| Homo sapiens deiodinase, iodothyronine, type I (DIO1), transcript varia

gi|89357939|ref|NM\_006135.2| Homo sapiens capping protein (actin filament) muscle Z-line, alpha 1 (CAPZ

gi|89363016|ref|NM\_000393.3| Homo sapiens collagen, type V, alpha 2 (COL5A2), mRNA;

gi|89363019|ref|NM\_152995.4| Homo sapiens nuclear transcription factor, X-box binding-like 1 (NFXL1), m

gi|89363029|ref|NM\_001039717.1| Homo sapiens chromosome 4 open reading frame 29 (C4orf29), mRNA

gi|89363046|ref|NM\_004938.2| Homo sapiens death-associated protein kinase 1 (DAPK1), mRNA;

gi|89886240|ref|NM\_001039783.1| Homo sapiens thioredoxin reductase 3 neighbor (TXNRD3NB), mRNA;

gi|89886260|ref|NM\_001039792.1| Homo sapiens histidine rich carboxyl terminus 1 (HRCT1), mRNA;

gi|89886349|ref|NM\_001039841.1| Homo sapiens Rho GTPase activating protein 11B (ARHGAP11B), mRNA

gi|89886351|ref|NM\_001039842.1| Homo sapiens chromosome 17 open reading frame 90 (C17orf90), mR

gi|89886427|ref|NR\_002933.1| Homo sapiens RAB guanine nucleotide exchange factor (GEF) 1 pseudogene

gi|89886455|ref|NM\_001039845.1| Homo sapiens malate dehydrogenase 1B, NAD (soluble) (MDH1B), mR

gi|89886463|ref|NM\_178536.3| Homo sapiens lipocalin 12 (LCN12), mRNA;

gi|89886465|ref|NM\_175063.4| Homo sapiens chromosome 19 open reading frame 63 (C19orf63), transcri

gi|89886474|ref|NM\_001039876.1| Homo sapiens chromosome 19 open reading frame 46 (C19orf46), mR

gi|89886479|ref|NM\_001039877.1| Homo sapiens striatin, calmodulin binding protein 4 (STRN4), transcript

gi|89886483|ref|NM\_173683.3| Homo sapiens XK, Kell blood group complex subunit-related family, membe

gi|89886489|ref|NM\_001214.3| Homo sapiens chromosome 16 open reading frame 3 (C16orf3), mRNA;

gi|89903005|ref|NM\_013302.3| Homo sapiens eukaryotic elongation factor-2 kinase (EEF2K), mRNA;

gi|89903006|ref|NM\_002084.3| Homo sapiens glutathione peroxidase 3 (plasma) (GPX3), mRNA;

gi|89903013|ref|NM\_001791.3| Homo sapiens cell division cycle 42 (GTP binding protein, 25kDa) (CDC42),

gi|89903019|ref|NM\_078626.2| Homo sapiens cyclin-dependent kinase inhibitor 2C (p18, inhibits CDK4) (C

gi|89903020|ref|NM\_004472.2| Homo sapiens forkhead box D1 (FOXO1), mRNA;

gi|89903022|ref|NM\_001039846.1| Homo sapiens IZUMO family member 4 (IZUMO4), transcript variant 3,

gi|89903029|ref|NM\_194330.2| Homo sapiens ring finger protein 38 (RNF38), transcript variant 5, mRNA; g

gi|89941461|ref|NR\_002935.1| Homo sapiens fatty acid binding protein 5 pseudogene 3 (FABP5P3), non-co

gi|89994736|ref|NR\_002942.1| Homo sapiens growth arrest-specific 2 like 1 pseudogene (LOC340508), nor

gi|89994748|ref|NM\_017712.2| Homo sapiens pyroglutamyl-peptidase I (PGPEP1), mRNA;

gi|90017699|ref|NM\_001039905.1| Homo sapiens chromosome 15 open reading frame 56 (C15orf56), mRN

gi|90093354|ref|NM\_030647.1| Homo sapiens jumonji C domain containing histone demethylase 1 homolc

gi|90186265|ref|NM\_080657.4| Homo sapiens radical S-adenosyl methionine domain containing 2 (RSAD2)

gi|90186266|ref|NM\_024669.2| Homo sapiens ankyrin repeat domain 55 (ANKRD55), mRNA;

gi|90193588|ref|NM\_021601.3| Homo sapiens CD79a molecule, immunoglobulin-associated alpha (CD79A)

gi|90193591|ref|NM\_001039933.1| Homo sapiens CD79b molecule, immunoglobulin-associated beta (CD79

gi|90193621|ref|NM\_001039937.1| Homo sapiens integrator complex subunit 6 (INTS6), transcript variant

gi|90193625|ref|NM\_016279.3| Homo sapiens cadherin 9, type 2 (T1-cadherin) (CDH9), mRNA;

gi|90193627|ref|NM\_053274.2| Homo sapiens glomulin, FKBP associated protein (GLMN), mRNA;

gi|90193628|ref|NM\_000407.4| Homo sapiens glycoprotein Ib (platelet), beta polypeptide (GP1BB), mRNA;

gi|90265810|ref|NM\_032174.4| Homo sapiens translocase of outer mitochondrial membrane 40 homolog (

gi|90265811|ref|NM\_032315.2| Homo sapiens solute carrier family 25 (pyrimidine nucleotide carrier), men

gi|90403580|ref|NM\_152513.3| Homo sapiens meiosis inhibitor 1 (MEI1), mRNA;

gi|90403587|ref|NM\_018414.3| Homo sapiens ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-a

gi|90403588|ref|NM\_005934.3| Homo sapiens myeloid/lymphoid or mixed-lineage leukemia (trithorax hon

gi|90403597|ref|NM\_001039958.1| Homo sapiens mesoderm posterior 2 homolog (mouse) (MESP2), mRN

gi|90421312|ref|NM\_000492.3| Homo sapiens cystic fibrosis transmembrane conductance regulator (ATP-l

gi|90568033|ref|NM\_004858.2| Homo sapiens solute carrier family 4, sodium bicarbonate cotransporter, n

gi|90577165|ref|NM\_032587.3| Homo sapiens caspase recruitment domain family, member 6 (CARD6), mF

gi|90577173|ref|NM\_014358.2| Homo sapiens C-type lectin domain family 4, member E (CLEC4E), mRNA;

gi|90577174|ref|NM\_030820.3| Homo sapiens collagen, type XXI, alpha 1 (COL21A1), mRNA;

gi|90577182|ref|NM\_181575.3| Homo sapiens ancient ubiquitous protein 1 (AUP1), mRNA;

gi|90577183|ref|NM\_033045.3| Homo sapiens keratin 84 (KRT84), mRNA;

gi|90577186|ref|NM\_002758.3| Homo sapiens mitogen-activated protein kinase kinase 6 (MAP2K6), mRNA

gi|90652850|ref|NM\_014112.2| Homo sapiens trichorhinophalangeal syndrome I (TRPS1), mRNA;

gi|90652856|ref|NM\_032818.2| Homo sapiens chromosome 9 open reading frame 100 (C9orf100), mRNA;

gi|90652860|ref|NM\_001039970.1| Homo sapiens protein tyrosine phosphatase, non-receptor type 5 (stria

gi|90652862|ref|NM\_033122.3| Homo sapiens calcium-binding protein, spermatid-specific 1 (CABS1), mRN

gi|90669103|ref|NM\_021706.2| Homo sapiens leukocyte-associated immunoglobulin-like receptor 1 (LAIR1

gi|90669131|ref|NM\_006672.3| Homo sapiens solute carrier family 22 (organic anion transporter), membe

gi|90669227|ref|NM\_007337.2| Homo sapiens deleted in lung and esophageal cancer 1 (DLEC1), transcript

gi|90669304|ref|NM\_033670.2| Homo sapiens cyclin B3 (CCNB3), transcript variant 1, mRNA; gi|90669306

gi|90669383|ref|NM\_017877.3| Homo sapiens chromosome 2 open reading frame 18 (C2orf18), mRNA;

gi|90669510|ref|NM\_145858.2| Homo sapiens crystallin, zeta (quinone reductase)-like 1 (CRYZL1), mRNA;

gi|90669930|ref|NM\_017868.3| Homo sapiens tetratricopeptide repeat domain 12 (TTC12), mRNA;

gi|90704849|ref|NM\_033105.4| Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 5 beta (DNAJC

gi|90704850|ref|NM\_002984.2| Homo sapiens chemokine (C-C motif) ligand 4 (CCL4), transcript variant 1, r

gi|90819228|ref|NM\_172241.2| Homo sapiens cutaneous T-cell lymphoma-associated antigen 1 (CTAGE1),

gi|90819240|ref|NM\_182922.2| Homo sapiens HEAT repeat containing 3 (HEATR3), mRNA;

gi|90855770|ref|NM\_018224.2| Homo sapiens chromosome 7 open reading frame 44 (C7orf44), mRNA;

gi|90855777|ref|NM\_001024647.2| Homo sapiens RAB3A interacting protein (rabin3) (RAB3IP), transcript v

gi|90855781|ref|NM\_018280.2| Homo sapiens chromosome 22 open reading frame 26 (C22orf26), mRNA;

gi|90855782|ref|NM\_152317.2| Homo sapiens DEP domain containing 4 (DEPDC4), mRNA;

gi|90903230|ref|NM\_002111.6| Homo sapiens huntingtin (HTT), mRNA;

gi|90903239|ref|NM\_001039848.1| Homo sapiens glutathione peroxidase 4 (GPX4), transcript variant 3, mRNA; gi|90903246|ref|NM\_005944.5| Homo sapiens CD200 molecule (CD200), transcript variant 1, mRNA; gi|90903246|ref|NM\_005944.5| Homo sapiens CD200 molecule (CD200), transcript variant 1, mRNA; gi|90962987|ref|NR\_002946.1| Homo sapiens matrix metalloproteinase 23A (pseudogene) (MMP23A), non-coding RNA; gi|90962997|ref|NM\_152568.2| Homo sapiens NK6 homeobox 3 (NKX6-3), mRNA; gi|90970326|ref|NM\_148672.2| Homo sapiens chemokine (C-C motif) ligand 28 (CCL28), mRNA; gi|90970329|ref|NM\_014351.3| Homo sapiens sulfotransferase family 4A, member 1 (SULT4A1), mRNA; gi|90991701|ref|NM\_024652.3| Homo sapiens leucine-rich repeat kinase 1 (LRRK1), mRNA; gi|91105420|ref|NM\_001250.4| Homo sapiens CD40 molecule, TNF receptor superfamily member 5 (CD40), mRNA; gi|91105763|ref|NM\_001040022.1| Homo sapiens signal-regulatory protein alpha (SIRPA), transcript variant 1, mRNA; gi|91106201|ref|NM\_005295.2| Homo sapiens G protein-coupled receptor 22 (GPR22), mRNA; gi|91106388|ref|NM\_001505.2| Homo sapiens G protein-coupled estrogen receptor 1 (GPER), transcript variant 1, mRNA; gi|91106726|ref|NM\_001040033.1| Homo sapiens CD53 molecule (CD53), transcript variant 1, mRNA; gi|91106927|ref|NM\_001039936.1| Homo sapiens chimerin (chimaerin) 2 (CHN2), transcript variant 1, mRNA; gi|91107038|ref|NM\_000102.3| Homo sapiens cytochrome P450, family 17, subfamily A, polypeptide 1 (CYP17A1), mRNA; gi|91176316|ref|NR\_002948.1| Homo sapiens kallikrein pseudogene 1 (KLKP1), non-coding RNA; gi|91176322|ref|NM\_001040032.1| Homo sapiens chromosome 8 open reading frame 74 (C8orf74), mRNA; gi|91176324|ref|NM\_013449.3| Homo sapiens bromodomain adjacent to zinc finger domain, 2A (BAZ2A), mRNA; gi|91176326|ref|NM\_022360.4| Homo sapiens epididymal protein 3B (EDDM3B), mRNA; gi|91176332|ref|NM\_181705.2| Homo sapiens Lym7 homolog (mouse) (LYRM7), mRNA; gi|91176336|ref|NM\_138383.2| Homo sapiens metastasis suppressor 1-like (MTSS1L), mRNA; gi|91199539|ref|NM\_000108.3| Homo sapiens dihydrolipoamide dehydrogenase (DLD), mRNA; gi|91199542|ref|NM\_018682.3| Homo sapiens myeloid/lymphoid or mixed-lineage leukemia 5 (trithorax homolog) (MLL5), mRNA; gi|91199549|ref|NM\_001040059.1| Homo sapiens CD68 molecule (CD68), transcript variant 2, mRNA; gi|91199551|ref|NM\_001040025.1| Homo sapiens ADP-ribosylation factor-like 16 (ARL16), mRNA; gi|91206395|ref|NM\_152228.1| Homo sapiens taste receptor, type 1, member 3 (TAS1R3), mRNA; gi|91206405|ref|NM\_001040065.1| Homo sapiens family with sequence similarity 75, member A2 (FAM75A), mRNA; gi|91206427|ref|NM\_001040071.1| Homo sapiens seven transmembrane helix receptor (LOC650293), mRNA; gi|91206455|ref|NM\_152789.2| Homo sapiens family with sequence similarity 133, member B (FAM133B), mRNA; gi|91206458|ref|NM\_022916.4| Homo sapiens vacuolar protein sorting 33 homolog A (S. cerevisiae) (VPS33A), mRNA; gi|91208416|ref|NM\_006706.3| Homo sapiens transcription elongation regulator 1 (TCERG1), transcript variant 1, mRNA; gi|91208421|ref|NM\_003675.3| Homo sapiens PRP18 pre-mRNA processing factor 18 homolog (S. cerevisiae) (PRP18), mRNA; gi|91208422|ref|NM\_003302.2| Homo sapiens thyroid hormone receptor interactor 6 (TRIP6), mRNA; gi|91208424|ref|NM\_012469.3| Homo sapiens PRP6 pre-mRNA processing factor 6 homolog (S. cerevisiae) (PRP6), mRNA; gi|91208425|ref|NM\_006445.3| Homo sapiens PRP8 pre-mRNA processing factor 8 homolog (S. cerevisiae) (PRP8), mRNA; gi|91208431|ref|NM\_053283.2| Homo sapiens dermcidin (DCD), mRNA; gi|91208434|ref|NM\_019040.3| Homo sapiens elongation protein 4 homolog (S. cerevisiae) (ELP4), mRNA; gi|91208436|ref|NM\_016573.2| Homo sapiens GEM interacting protein (GMIP), mRNA; gi|91208440|ref|NM\_003864.3| Homo sapiens Sin3A-associated protein, 30kDa (SAP30), mRNA; gi|91208441|ref|NM\_004869.3| Homo sapiens vacuolar protein sorting 4 homolog B (S. cerevisiae) (VPS4B), mRNA; gi|91598776|ref|NM\_152784.3| Homo sapiens catper channel auxiliary subunit delta (CATSPERD), mRNA; gi|91680817|ref|NR\_002950.1| Homo sapiens small nucleolar RNA, H/ACA box 2A (SNORA2A), small nucleolar RNA; gi|91680818|ref|NR\_002951.1| Homo sapiens small nucleolar RNA, H/ACA box 2B (SNORA2B), small nucleolar RNA; gi|91680819|ref|NR\_002952.1| Homo sapiens small nucleolar RNA, H/ACA box 9 (SNORA9), small nucleolar RNA; gi|91680820|ref|NR\_002953.1| Homo sapiens small nucleolar RNA, H/ACA box 11 (SNORA11), small nucleolar RNA; gi|91680821|ref|NR\_002954.1| Homo sapiens small nucleolar RNA, H/ACA box 12 (SNORA12), small nucleolar RNA; gi|91680822|ref|NR\_002955.1| Homo sapiens small nucleolar RNA, H/ACA box 14A (SNORA14A), small nucleolar RNA; gi|91680823|ref|NR\_002956.1| Homo sapiens small nucleolar RNA, H/ACA box 14B (SNORA14B), small nucleolar RNA

gi|91680824|ref|NR\_002957.1| Homo sapiens small nucleolar RNA, H/ACA box 15 (SNORA15), small nucleolar RNA

gi|91680825|ref|NR\_002958.1| Homo sapiens small nucleolar RNA, H/ACA box 17 (SNORA17), small nucleolar RNA

gi|91680826|ref|NR\_002959.1| Homo sapiens small nucleolar RNA, H/ACA box 18 (SNORA18), small nucleolar RNA

gi|91680827|ref|NR\_002962.1| Homo sapiens small nucleolar RNA, H/ACA box 23 (SNORA23), small nucleolar RNA

gi|91680828|ref|NR\_002960.1| Homo sapiens small nucleolar RNA, H/ACA box 20 (SNORA20), small nucleolar RNA

gi|91680829|ref|NR\_002961.1| Homo sapiens small nucleolar RNA, H/ACA box 22 (SNORA22), small nucleolar RNA

gi|91680830|ref|NR\_002963.1| Homo sapiens small nucleolar RNA, H/ACA box 24 (SNORA24), small nucleolar RNA

gi|91680831|ref|NR\_002966.1| Homo sapiens small nucleolar RNA, H/ACA box 30 (SNORA30), small nucleolar RNA

gi|91680832|ref|NR\_002965.1| Homo sapiens small nucleolar RNA, H/ACA box 29 (SNORA29), small nucleolar RNA

gi|91680833|ref|NR\_002968.1| Homo sapiens small nucleolar RNA, H/ACA box 34 (SNORA34), small nucleolar RNA

gi|91680834|ref|NR\_002969.1| Homo sapiens small nucleolar RNA, H/ACA box 36A (SNORA36A), small nucleolar RNA

gi|91680835|ref|NR\_002967.1| Homo sapiens small nucleolar RNA, H/ACA box 31 (SNORA31), small nucleolar RNA

gi|91680836|ref|NR\_002970.1| Homo sapiens small nucleolar RNA, H/ACA box 37 (SNORA37), small nucleolar RNA

gi|91680837|ref|NR\_002972.1| Homo sapiens small nucleolar RNA, H/ACA box 39 (SNORA39), small nucleolar RNA

gi|91680838|ref|NR\_002971.1| Homo sapiens small nucleolar RNA, H/ACA box 38 (SNORA38), small nucleolar RNA

gi|91680839|ref|NR\_002974.1| Homo sapiens small nucleolar RNA, H/ACA box 42 (SNORA42), small nucleolar RNA

gi|91680840|ref|NR\_002964.1| Homo sapiens small nucleolar RNA, H/ACA box 28 (SNORA28), small nucleolar RNA

gi|91680841|ref|NR\_002978.1| Homo sapiens small nucleolar RNA, H/ACA box 46 (SNORA46), small nucleolar RNA

gi|91680842|ref|NR\_002973.1| Homo sapiens small nucleolar RNA, H/ACA box 40 (SNORA40), small nucleolar RNA

gi|91680845|ref|NR\_002981.1| Homo sapiens small nucleolar RNA, H/ACA box 51 (SNORA51), small nucleolar RNA

gi|91680846|ref|NR\_002976.1| Homo sapiens small nucleolar RNA, H/ACA box 44 (SNORA44), small nucleolar RNA

gi|91680847|ref|NR\_002983.1| Homo sapiens small nucleolar RNA, H/ACA box 55 (SNORA55), small nucleolar RNA

gi|91680848|ref|NR\_002977.1| Homo sapiens small nucleolar RNA, H/ACA box 45 (SNORA45), small nucleolar RNA

gi|91680849|ref|NR\_002982.1| Homo sapiens small nucleolar RNA, H/ACA box 54 (SNORA54), small nucleolar RNA

gi|91680851|ref|NR\_002984.1| Homo sapiens small nucleolar RNA, H/ACA box 56 (SNORA56), small nucleolar RNA

gi|91680852|ref|NR\_002986.1| Homo sapiens small nucleolar RNA, H/ACA box 60 (SNORA60), small nucleolar RNA

gi|91680853|ref|NR\_002987.1| Homo sapiens small nucleolar RNA, H/ACA box 61 (SNORA61), small nucleolar RNA

gi|91680854|ref|NR\_002988.1| Homo sapiens small nucleolar RNA, H/ACA box 74B (SNORA74B), small nucleolar RNA

gi|91680857|ref|NR\_002989.1| Homo sapiens small nucleolar RNA, H/ACA box 81 (SNORA81), small nucleolar RNA

gi|91680858|ref|NR\_002980.1| Homo sapiens small nucleolar RNA, H/ACA box 50 (SNORA50), small nucleolar RNA

gi|91718887|ref|NM\_139011.2| Homo sapiens hemochromatosis (HFE), transcript variant 11, mRNA; gi|91718901|ref|NM\_170606.2| Homo sapiens myeloid/lymphoid or mixed-lineage leukemia 3 (MLL3), mRNA

gi|91754171|ref|NR\_002990.1| Homo sapiens small nucleolar RNA, H/ACA box 5B (SNORA5B), small nucleolar RNA

gi|91754173|ref|NR\_002991.1| Homo sapiens small nucleolar RNA, H/ACA box 5C (SNORA5C), small nucleolar RNA

gi|91754174|ref|NR\_002993.1| Homo sapiens small nucleolar RNA, H/ACA box 35 (SNORA35), small nucleolar RNA

gi|91754179|ref|NR\_002995.1| Homo sapiens small nucleolar RNA, H/ACA box 76 (SNORA76), small nucleolar RNA

gi|91754182|ref|NM\_182612.2| Homo sapiens Parkinson disease 7 domain containing 1 (PDDC1), mRNA;

gi|91754184|ref|NM\_152763.3| Homo sapiens AKNA domain containing 1 (AKNAD1), mRNA;

gi|91754187|ref|NM\_173557.2| Homo sapiens ring finger protein 152 (RNF152), mRNA;

gi|91754188|ref|NM\_173541.2| Homo sapiens chromosome 10 open reading frame 91 (C10orf91), mRNA;

gi|91807111|ref|NM\_001774.2| Homo sapiens CD37 molecule (CD37), transcript variant 1, mRNA; gi|91807116|ref|NM\_078474.2| Homo sapiens TM2 domain containing 3 (TM2D3), transcript variant 1, mRNA;

gi|91807121|ref|NM\_001630.2| Homo sapiens annexin A8-like 2 (ANXA8L2), mRNA;

gi|91807124|ref|NM\_001040020.1| Homo sapiens family with sequence similarity 3, member C (FAM3C), transcript variant 1, mRNA;

gi|91807126|ref|NM\_004126.3| Homo sapiens guanine nucleotide binding protein (G protein), gamma 11 (G11), mRNA;

gi|91822910|ref|NM\_175061.3| Homo sapiens JAZF zinc finger 1 (JAZF1), mRNA;

gi|91822913|ref|NM\_007259.3| Homo sapiens vacuolar protein sorting 45 homolog (S. cerevisiae) (VPS45), mRNA;

gi|91823047|ref|NM\_022046.4| Homo sapiens kallikrein-related peptidase 14 (KLK14), mRNA;

gi|91823261|ref|NM\_001040084.1| Homo sapiens annexin A8 (ANXA8), mRNA;

gi|91823270|ref|NM\_000379.3| Homo sapiens xanthine dehydrogenase (XDH), mRNA;

gi|91823617|ref|NM\_001037811.2| Homo sapiens hydroxysteroid (17-beta) dehydrogenase 10 (HSD17B10);

gi|91823780|ref|NM\_001003795.2| Homo sapiens GTF2I repeat domain containing 2B (GTF2IRD2B), mRNA;

gi|91825556|ref|NM\_177417.2| Homo sapiens kinesin light chain 3 (KLC3), mRNA;

gi|91932786|ref|NM\_014392.3| Homo sapiens DNA segment on chromosome 4 (unique) 234 expressed seq

gi|91932794|ref|NM\_001040102.1| Homo sapiens oligodendrocytic myelin paranodal and inner loop prote

gi|91982742|ref|NR\_003001.1| Homo sapiens small Cajal body-specific RNA 7 (SCARNA7), guide RNA;

gi|91982743|ref|NR\_002997.1| Homo sapiens small Cajal body-specific RNA 1 (SCARNA1), guide RNA;

gi|91982744|ref|NR\_003004.1| Homo sapiens small Cajal body-specific RNA 22 (SCARNA22), guide RNA;

gi|91982746|ref|NR\_003000.1| Homo sapiens small Cajal body-specific RNA 21 (SCARNA21), guide RNA;

gi|91982747|ref|NR\_003005.1| Homo sapiens small Cajal body-specific RNA 4 (SCARNA4), guide RNA;

gi|91982748|ref|NR\_003002.1| Homo sapiens small Cajal body-specific RNA 13 (SCARNA13), guide RNA;

gi|91982751|ref|NR\_003006.1| Homo sapiens small Cajal body-specific RNA 6 (SCARNA6), guide RNA;

gi|91982752|ref|NR\_003009.1| Homo sapiens small Cajal body-specific RNA 8 (SCARNA8), guide RNA;

gi|91982753|ref|NR\_002998.1| Homo sapiens small Cajal body-specific RNA 3 (SCARNA3), guide RNA;

gi|91982754|ref|NR\_003012.1| Homo sapiens small Cajal body-specific RNA 11 (SCARNA11), guide RNA;

gi|91982755|ref|NR\_003011.1| Homo sapiens small Cajal body-specific RNA 15 (SCARNA15), guide RNA;

gi|91982756|ref|NR\_003013.1| Homo sapiens small Cajal body-specific RNA 16 (SCARNA16), guide RNA;

gi|91982757|ref|NR\_003015.1| Homo sapiens small nucleolar RNA, H/ACA box 53 (SNORA53), small nucleo

gi|91982758|ref|NR\_003010.1| Homo sapiens small Cajal body-specific RNA 12 (SCARNA12), guide RNA;

gi|91982762|ref|NR\_003007.1| Homo sapiens small Cajal body-specific RNA 23 (SCARNA23), guide RNA;

gi|91982771|ref|NM\_001040105.1| Homo sapiens mucin 17, cell surface associated (MUC17), mRNA;

gi|91984772|ref|NM\_144772.2| Homo sapiens apolipoprotein A-I binding protein (APOA1BP), mRNA;

gi|91984776|ref|NM\_024079.4| Homo sapiens asparagine-linked glycosylation 8, alpha-1,3-glucosyltransfer

gi|91984778|ref|NM\_002214.2| Homo sapiens integrin, beta 8 (ITGB8), mRNA;

gi|91984780|ref|NM\_006076.4| Homo sapiens ArfGAP with FG repeats 2 (AGFG2), mRNA;

gi|91984783|ref|NM\_006950.3| Homo sapiens synapsin I (SYN1), transcript variant Ia, mRNA; gi|91984782

gi|91992150|ref|NM\_032316.3| Homo sapiens nicolin 1 (NICN1), mRNA;

gi|91992159|ref|NM\_014381.2| Homo sapiens mutL homolog 3 (E. coli) (MLH3), transcript variant 2, mRNA

gi|92087057|ref|NM\_032310.3| Homo sapiens chromosome 9 open reading frame 89 (C9orf89), mRNA;

gi|92087059|ref|NM\_080928.3| Homo sapiens ankyrin repeat and SOCS box containing 15 (ASB15), mRNA;

gi|92091570|ref|NM\_033427.2| Homo sapiens cortactin binding protein 2 (CTTNBP2), mRNA;

gi|92091571|ref|NM\_014705.3| Homo sapiens dedicator of cytokinesis 4 (DOCK4), mRNA;

gi|92091573|ref|NM\_005440.4| Homo sapiens Rho family GTPase 2 (RND2), mRNA;

gi|92091574|ref|NM\_198082.2| Homo sapiens coiled-coil domain containing 57 (CCDC57), mRNA;

gi|92091576|ref|NM\_015533.3| Homo sapiens dihydroxyacetone kinase 2 homolog (S. cerevisiae) (DAK), m

gi|92091577|ref|NM\_006876.2| Homo sapiens UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransfer

gi|92091578|ref|NM\_006577.5| Homo sapiens UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransfer

gi|92091579|ref|NM\_001040109.1| Homo sapiens motilin (MLN), transcript variant 2, mRNA; gi|92091581

gi|92091585|ref|NM\_001040114.1| Homo sapiens myosin, heavy chain 11, smooth muscle (MYH11), trans

gi|92091603|ref|NM\_014256.3| Homo sapiens UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransfer

gi|92110012|ref|NM\_012369.2| Homo sapiens olfactory receptor, family 2, subfamily F, member 1 (OR2F1)

gi|92110024|ref|NM\_017765.2| Homo sapiens PQ loop repeat containing 2 (PQLC2), transcript variant 2, m

gi|92110052|ref|NM\_052896.3| Homo sapiens CUB and Sushi multiple domains 2 (CSMD2), mRNA;

gi|92110056|ref|NM\_006683.4| Homo sapiens epididymal protein 3A (EDDM3A), mRNA;



gi|92373392|ref|NM\_001040135.1| Homo sapiens ARP3 actin-related protein 3 homolog B (yeast) (ACTR3B)

gi|92373421|ref|NM\_002551.3| Homo sapiens olfactory receptor, family 3, subfamily A, member 2 (OR3A2)

gi|92373520|ref|NM\_020761.2| Homo sapiens regulatory associated protein of MTOR, complex 1 (RPTOR),

gi|9257219|ref|NM\_000804.2| Homo sapiens folate receptor 3 (gamma) (FOLR3), mRNA;

gi|92859574|ref|NM\_014168.2| Homo sapiens methyltransferase like 5 (METTL5), mRNA;

gi|92859580|ref|NR\_003016.1| Homo sapiens small nucleolar RNA, H/ACA box 26 (SNORA26), small nucleolar

gi|92859602|ref|NR\_003020.1| Homo sapiens small nucleolar RNA, H/ACA box 78 (SNORA78), small nucleolar

gi|92859604|ref|NR\_003022.1| Homo sapiens small nucleolar RNA, H/ACA box 59B (SNORA59B), small nucleolar

gi|92859606|ref|NR\_003019.1| Homo sapiens small nucleolar RNA, H/ACA box 77 (SNORA77), small nucleolar

gi|92859617|ref|NM\_003080.2| Homo sapiens sphingomyelin phosphodiesterase 2, neutral membrane (ne)

gi|92859633|ref|NM\_001040147.1| Homo sapiens serpin peptidase inhibitor, clade B (ovalbumin), member

gi|92859637|ref|NM\_003180.2| Homo sapiens synaptotagmin V (SYT5), mRNA;

gi|92859677|ref|NM\_003086.2| Homo sapiens small nuclear RNA activating complex, polypeptide 4, 190kD

gi|92859692|ref|NM\_004849.2| Homo sapiens ATG5 autophagy related 5 homolog (S. cerevisiae) (ATG5), n

gi|92859700|ref|NM\_004999.3| Homo sapiens myosin VI (MYO6), mRNA;

gi|93004073|ref|NM\_013250.2| Homo sapiens zinc finger protein 215 (ZNF215), mRNA;

gi|93004075|ref|NM\_012456.2| Homo sapiens translocase of inner mitochondrial membrane 10 homolog (

gi|93004076|ref|NM\_012471.2| Homo sapiens transient receptor potential cation channel, subfamily C, me

gi|93004077|ref|NM\_012260.2| Homo sapiens 2-hydroxyacyl-CoA lyase 1 (HACL1), mRNA;

gi|93004087|ref|NM\_014400.2| Homo sapiens LY6/PLAUR domain containing 3 (LYPD3), mRNA;

gi|93004095|ref|NM\_006049.2| Homo sapiens small nuclear RNA activating complex, polypeptide 5, 19kDa

gi|93004096|ref|NM\_006228.3| Homo sapiens prepronociceptin (PNOC), mRNA;

gi|93004099|ref|NM\_198494.2| Homo sapiens zinc finger protein 642 (ZNF642), mRNA;

gi|93004101|ref|NM\_005730.3| Homo sapiens CTD (carboxy-terminal domain, RNA polymerase II, polypept

gi|93004111|ref|NR\_002718.2| Homo sapiens teratocarcinoma-derived growth factor 1 pseudogene 3 (TDC

gi|93102356|ref|NR\_003023.1| Homo sapiens small Cajal body-specific RNA 2 (SCARNA2), guide RNA;

gi|93102357|ref|NM\_014430.2| Homo sapiens cell death-inducing DFFA-like effector b (CIDEb), mRNA;

gi|93102359|ref|NM\_015101.2| Homo sapiens glycosyltransferase 25 domain containing 2 (GLT25D2), mRNA

gi|93102360|ref|NM\_016081.3| Homo sapiens palladin, cytoskeletal associated protein (PALLD), transcript

gi|93102362|ref|NM\_015045.2| Homo sapiens wings apart-like homolog (Drosophila) (WAPAL), mRNA;

gi|93102363|ref|NM\_015055.2| Homo sapiens SWAP switching B-cell complex 70kDa subunit (SWAP70), m

gi|93102365|ref|NM\_016383.3| Homo sapiens leucine zipper protein 4 (LUZP4), mRNA;

gi|93102366|ref|NM\_015149.3| Homo sapiens ral guanine nucleotide dissociation stimulator-like 1 (RGL1),

gi|93102369|ref|NM\_018404.2| Homo sapiens ArfGAP with dual PH domains 2 (ADAP2), mRNA;

gi|93102373|ref|NM\_015725.2| Homo sapiens retinol dehydrogenase 8 (all-trans) (RDH8), mRNA;

gi|93102374|ref|NM\_018691.2| Homo sapiens family with sequence similarity 114, member A2 (FAM114A:

gi|93102376|ref|NM\_018427.3| Homo sapiens RRN3 RNA polymerase I transcription factor homolog (S. cer

gi|93102378|ref|NM\_018557.2| Homo sapiens low density lipoprotein receptor-related protein 1B (LRP1B),

gi|93102386|ref|NM\_032366.3| Homo sapiens chromosome 16 open reading frame 13 (C16orf13), transcri

gi|93102404|ref|NM\_032222.2| Homo sapiens family with sequence similarity 188, member B (FAM188B),

gi|93102423|ref|NM\_015091.2| Homo sapiens family with sequence similarity 179, member B (FAM179B),

gi|93141000|ref|NM\_016950.2| Homo sapiens sparc/osteonectin, cwcv and kazal-like domains proteoglyca

gi|93141004|ref|NM\_001040168.1| Homo sapiens LFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltran

gi|93141009|ref|NM\_023948.4| Homo sapiens motile sperm domain containing 3 (MOSPD3), transcript var

gi|93141017|ref|NM\_138610.2| Homo sapiens H2A histone family, member Y (H2AFY), transcript variant 3,

gi|93141025|ref|NM\_002390.4| Homo sapiens ADAM metallopeptidase domain 11 (ADAM11), mRNA;

gi|93141030|ref|NM\_002579.2| Homo sapiens paralemmin (PALM), transcript variant 1, mRNA; gi|931410:

gi|93141032|ref|NM\_007349.3| Homo sapiens PAX interacting (with transcription-activation domain) prote

gi|93141034|ref|NM\_003821.5| Homo sapiens receptor-interacting serine-threonine kinase 2 (RIPK2), mRN

gi|93141035|ref|NM\_006871.3| Homo sapiens receptor-interacting serine-threonine kinase 3 (RIPK3), mRN

gi|93141038|ref|NM\_001040110.1| Homo sapiens nuclear respiratory factor 1 (NRF1), transcript variant 2,

gi|93141040|ref|NM\_152745.2| Homo sapiens neurexophilin 1 (NXPH1), mRNA;

gi|93141041|ref|NM\_001040100.1| Homo sapiens serine palmitoyltransferase, small subunit B (SPTSSB), m

gi|93141044|ref|NM\_198196.2| Homo sapiens CD96 molecule (CD96), transcript variant 1, mRNA; gi|93141045|ref|NM\_001821.3| Homo sapiens choroideremia-like (Rab escort protein 2) (CHML), mRNA;

gi|93141048|ref|NM\_080645.2| Homo sapiens collagen, type XII, alpha 1 (COL12A1), transcript variant shor

gi|93141203|ref|NM\_018396.2| Homo sapiens methyltransferase like 2B (METTL2B), mRNA;

gi|93141205|ref|NM\_139202.2| Homo sapiens megalencephalic leukoencephalopathy with subcortical cyst

gi|93141213|ref|NM\_001040143.1| Homo sapiens sodium channel, voltage-gated, type II, alpha subunit (SC

gi|93141219|ref|NM\_013305.4| Homo sapiens ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase

gi|93141222|ref|NM\_004503.3| Homo sapiens homeobox C6 (HOXC6), transcript variant 1, mRNA; gi|1003

gi|93141225|ref|NM\_003399.5| Homo sapiens X-prolyl aminopeptidase (aminopeptidase P) 2, membrane-l

gi|93204850|ref|NM\_032047.4| Homo sapiens UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransfer

gi|93204855|ref|NR\_003024.1| Homo sapiens eukaryotic translation initiation factor 3, subunit I pseudoger

gi|93204859|ref|NR\_003025.1| Homo sapiens small nucleolar RNA, H/ACA box 59A (SNORA59A), small nucl

gi|93204864|ref|NM\_020964.2| Homo sapiens ectopic P-granules autophagy protein 5 homolog (C. elegans

gi|93204866|ref|NM\_020752.2| Homo sapiens G protein-coupled receptor 158 (GPR158), mRNA;

gi|93204868|ref|NM\_020662.2| Homo sapiens MRS2 magnesium homeostasis factor homolog (S. cerevisiae)

gi|93204869|ref|NM\_021635.2| Homo sapiens prostate and breast cancer overexpressed 1 (PBOV1), mRNA

gi|93204870|ref|NM\_021229.3| Homo sapiens netrin 4 (NTN4), mRNA;

gi|93204872|ref|NM\_024980.4| Homo sapiens G protein-coupled receptor 157 (GPR157), mRNA;

gi|93204874|ref|NM\_022150.3| Homo sapiens neuropeptide VF precursor (NPVF), mRNA;

gi|93204877|ref|NM\_031415.2| Homo sapiens gasdermin C (GSDMC), mRNA;

gi|93204880|ref|NM\_031430.2| Homo sapiens Rab interacting lysosomal protein (RILP), mRNA;

gi|93204884|ref|NM\_030933.2| Homo sapiens SHC SH2-domain binding protein 1-like (SHCBP1L), mRNA;

gi|93204887|ref|NM\_025137.3| Homo sapiens spastic paraplegia 11 (autosomal recessive) (SPG11), transcr

gi|93277069|ref|NM\_152945.2| Homo sapiens RNA binding motif protein 45 (RBM45), mRNA;

gi|93277073|ref|NM\_017793.2| Homo sapiens ribonuclease P/MRP 25kDa subunit (RPP25), mRNA;

gi|93277079|ref|NM\_017799.3| Homo sapiens chromosome 14 open reading frame 101 (C14orf101), mRN

gi|93277081|ref|NM\_032320.5| Homo sapiens BTB (POZ) domain containing 10 (BTBD10), mRNA;

gi|93277086|ref|NM\_033102.2| Homo sapiens solute carrier family 45, member 3 (SLC45A3), mRNA;

gi|93277089|ref|NM\_052867.2| Homo sapiens sodium leak channel, non-selective (NALCN), mRNA;

gi|93277090|ref|NM\_138771.3| Homo sapiens coiled-coil domain containing 126 (CCDC126), mRNA;

gi|93277091|ref|NM\_052966.2| Homo sapiens family with sequence similarity 129, member A (FAM129A),

gi|93277092|ref|NM\_144579.2| Homo sapiens sideroflexin 5 (SFXN5), nuclear gene encoding mitochondria

gi|93277093|ref|NM\_080821.2| Homo sapiens family with sequence similarity 210, member B (FAM210B),

gi|93277097|ref|NM\_138809.3| Homo sapiens carboxymethylenebutenolidase homolog (Pseudomonas) (C

gi|93277098|ref|NM\_173488.3| Homo sapiens solute carrier organic anion transporter family, member 6A1

gi|93277101|ref|NM\_145176.2| Homo sapiens solute carrier family 2 (facilitated glucose transporter), mem

gi|93277103|ref|NM\_199047.2| Homo sapiens TATA box binding protein like 2 (TBPL2), mRNA;

gi|93277104|ref|NM\_173812.4| Homo sapiens dpy-19-like 2 (C. elegans) (DPY19L2), mRNA;

gi|93277109|ref|NM\_001040185.1| Homo sapiens zinc finger protein 765 (ZNF765), mRNA;

gi|93277111|ref|NM\_144578.3| Homo sapiens mitogen-activated protein kinase 1 interacting protein 1-like

gi|93277112|ref|NM\_138384.2| Homo sapiens mitochondrial GTPase 1 homolog (S. cerevisiae) (MTG1), nu

gi|93277117|ref|NM\_144613.4| Homo sapiens cytochrome c oxidase subunit VIb polypeptide 2 (testis) (CO  
gi|93277123|ref|NM\_001040177.1| Homo sapiens aldo-keto reductase family 1, member E2 (AKR1E2), mR  
gi|93352542|ref|NR\_003026.1| Homo sapiens small nucleolar RNA, H/ACA box 1 (SNORA1), small nucleolar  
gi|93352543|ref|NR\_003003.2| Homo sapiens small Cajal body-specific RNA 17 (SCARNA17), guide RNA;  
gi|93352548|ref|NM\_001040192.1| Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 28 (DNAJC  
gi|93352550|ref|NM\_018294.4| Homo sapiens CWF19-like 1, cell cycle control (S. pombe) (CWF19L1), mRN  
gi|93352552|ref|NM\_001002911.2| Homo sapiens G protein-coupled receptor 139 (GPR139), mRNA;  
gi|93352553|ref|NM\_001004334.2| Homo sapiens G protein-coupled receptor 179 (GPR179), mRNA;  
gi|93352564|ref|NM\_021123.2| Homo sapiens G antigen 7 (GAGE7), mRNA;  
gi|93352566|ref|NM\_025243.3| Homo sapiens solute carrier family 19, member 3 (SLC19A3), mRNA;  
gi|93587331|ref|NM\_001040151.1| Homo sapiens sodium channel, voltage-gated, type III, beta subunit (SC  
gi|93587341|ref|NM\_000334.4| Homo sapiens sodium channel, voltage-gated, type IV, alpha subunit (SCN4  
gi|93588610|ref|NM\_001040197.1| Homo sapiens angiotensin II receptor-associated protein (AGTRAP), tra  
gi|93588619|ref|NM\_001040182.1| Homo sapiens claudin domain containing 1 (CLDND1), transcript varian  
gi|93589092|ref|NM\_130847.2| Homo sapiens angiomin like 1 (AMOTL1), mRNA;  
gi|93589093|ref|NM\_001001437.3| Homo sapiens chemokine (C-C motif) ligand 3-like 3 (CCL3L3), mRNA;  
gi|94158593|ref|NM\_020233.4| Homo sapiens chromosome 17 open reading frame 48 (C17orf48), mRNA;  
gi|94158914|ref|NM\_001040202.1| Homo sapiens progesterone and adipoQ receptor family member III (PAQR  
gi|94400877|ref|NR\_003028.1| Homo sapiens small nucleolar RNA, H/ACA box 25 (SNORA25), small nucleo  
gi|94400918|ref|NM\_145294.4| Homo sapiens WD repeat domain 90 (WDR90), mRNA;  
gi|94400922|ref|NM\_001040273.1| Homo sapiens trypsin domain containing 1 (TYSND1), transcript variant  
gi|94420682|ref|NM\_001031712.2| Homo sapiens tRNA methyltransferase 11 homolog (S. cerevisiae) (TRN  
gi|94420687|ref|NM\_004233.3| Homo sapiens CD83 molecule (CD83), transcript variant 1, mRNA; gi|9442:  
gi|94421450|ref|NM\_004891.3| Homo sapiens mitochondrial ribosomal protein L33 (MRPL33), nuclear gen  
gi|94421465|ref|NM\_052905.3| Homo sapiens formin-like 2 (FMNL2), mRNA;  
gi|94421466|ref|NM\_002612.3| Homo sapiens pyruvate dehydrogenase kinase, isozyme 4 (PDK4), nuclear  
gi|94421467|ref|NM\_000466.2| Homo sapiens peroxisomal biogenesis factor 1 (PEX1), mRNA;  
gi|94421468|ref|NM\_024715.3| Homo sapiens thioredoxin domain containing 15 (TXNDC15), mRNA;  
gi|94421470|ref|NM\_031277.2| Homo sapiens ring finger protein 17 (RNF17), transcript variant 1, mRNA; g  
gi|94421474|ref|NM\_015068.3| Homo sapiens paternally expressed 10 (PEG10), transcript variant 1, mRNA  
gi|94421476|ref|NM\_004607.2| Homo sapiens tubulin folding cofactor A (TBFA), mRNA;  
gi|94536603|ref|NR\_003031.1| Homo sapiens small nucleolar RNA, C/D box 11 (SNORD11), small nucleolar  
gi|94536604|ref|NR\_003030.1| Homo sapiens small nucleolar RNA, C/D box 12 (SNORD12), small nucleolar  
gi|94536605|ref|NR\_003032.1| Homo sapiens small nucleolar RNA, H/ACA box 32 (SNORA32), small nucleo  
gi|94536727|ref|NR\_003033.1| Homo sapiens small nucleolar RNA, C/D box 5 (SNORD5), small nucleolar RN  
gi|94536736|ref|NR\_003035.1| Homo sapiens small nucleolar RNA, H/ACA box 16A (SNORA16A), small nucl  
gi|94536758|ref|NR\_003036.1| Homo sapiens small nucleolar RNA, C/D box 6 (SNORD6), small nucleolar RN  
gi|94536760|ref|NR\_003037.1| Homo sapiens small nucleolar RNA, C/D box 7 (SNORD7), small nucleolar RN  
gi|94536770|ref|NM\_001040431.1| Homo sapiens coiled-coil domain containing 56 (CCDC56), mRNA;  
gi|94536773|ref|NM\_001040433.1| Homo sapiens serine peptidase inhibitor, Kazal type 9 (SPINK9), mRNA;  
gi|94536775|ref|NM\_001040432.1| Homo sapiens zinc finger, CW type with PWWP domain 2 (ZCWPW2), n  
gi|94536777|ref|NM\_001040402.1| Homo sapiens DCN1, defective in cullin neddylation 1, domain containi  
gi|94536781|ref|NM\_171982.3| Homo sapiens tripartite motif containing 35 (TRIM35), mRNA;  
gi|94536785|ref|NM\_024109.2| Homo sapiens methyltransferase like 22 (METTL22), mRNA;  
gi|94536792|ref|NM\_024686.4| Homo sapiens tubulin tyrosine ligase-like family, member 7 (TTLL7), mRNA  
gi|94536796|ref|NM\_024674.4| Homo sapiens lin-28 homolog A (C. elegans) (LIN28A), mRNA;  
gi|94536799|ref|NM\_004097.2| Homo sapiens empty spiracles homeobox 1 (EMX1), mRNA;

gi|94536801|ref|NM\_001031732.2| Homo sapiens YTH domain containing 1 (YTHDC1), transcript variant 1,  
gi|94536806|ref|NM\_144987.2| Homo sapiens U2 small nuclear RNA auxiliary factor 1-like 4 (U2AF1L4), tra  
gi|94536810|ref|NM\_015052.3| Homo sapiens HECT, C2 and WW domain containing E3 ubiquitin protein li  
gi|94536826|ref|NR\_002604.2| Homo sapiens small nucleolar RNA, C/D box 10 (SNORD10), small nucleolar  
gi|94536829|ref|NM\_001040283.1| Homo sapiens DMRT-like family C2 (DMRTC2), mRNA;  
gi|94536835|ref|NM\_018233.3| Homo sapiens 2-oxoglutarate and iron-dependent oxygenase domain cont  
gi|94536837|ref|NM\_020214.2| Homo sapiens poly (ADP-ribose) polymerase family, member 6 (PARP6), m  
gi|94536839|ref|NM\_018502.3| Homo sapiens transmembrane and coiled-coil domains 6 (TMCO6), mRNA;  
gi|94536841|ref|NM\_144563.2| Homo sapiens ribose 5-phosphate isomerase A (RPIA), mRNA;  
gi|94536845|ref|NM\_138567.3| Homo sapiens synaptotagmin VIII (SYT8), mRNA;  
gi|94536851|ref|NM\_080751.2| Homo sapiens transmembrane channel-like 2 (TMC2), mRNA;  
gi|94536853|ref|NM\_024817.2| Homo sapiens thrombospondin, type I, domain containing 4 (THSD4), mRN  
gi|94536855|ref|NM\_013301.2| Homo sapiens coiled-coil domain containing 106 (CCDC106), mRNA;  
gi|94536865|ref|NM\_145252.2| Homo sapiens zymogen granule protein 16 homolog B (rat) (ZG16B), mRN  
gi|94536867|ref|NM\_001040424.1| Homo sapiens PR domain containing 15 (PRDM15), transcript variant 2  
gi|94538319|ref|NM\_001040427.1| Homo sapiens hydroxyacylglutathione hydrolase (HAGH), transcript var  
gi|94538327|ref|NM\_001040276.1| Homo sapiens estrogen receptor 2 (ER beta) (ESR2), transcript variant c  
gi|94538330|ref|NM\_022873.2| Homo sapiens interferon, alpha-inducible protein 6 (IFI6), transcript varian  
gi|94538334|ref|NM\_018556.3| Homo sapiens signal-regulatory protein gamma (SIRPG), transcript variant  
gi|94538341|ref|NM\_024577.3| Homo sapiens SH3 domain and tetratricopeptide repeats 2 (SH3TC2), mRN  
gi|94538342|ref|NM\_014442.2| Homo sapiens sialic acid binding Ig-like lectin 8 (SIGLEC8), mRNA;  
gi|94538344|ref|NM\_002280.4| Homo sapiens keratin 35 (KRT35), mRNA;  
gi|94538346|ref|NM\_003771.4| Homo sapiens keratin 36 (KRT36), mRNA;  
gi|94538348|ref|NM\_053024.3| Homo sapiens profilin 2 (PFN2), transcript variant 1, mRNA; gi|94538347|r  
gi|94538351|ref|NM\_006213.3| Homo sapiens phosphorylase kinase, gamma 1 (muscle) (PHKG1), mRNA;  
gi|94538353|ref|NM\_004279.2| Homo sapiens peptidase (mitochondrial processing) beta (PMPCB), nuclear  
gi|94538355|ref|NM\_000940.2| Homo sapiens paraoxonase 3 (PON3), mRNA;  
gi|94538356|ref|NM\_019617.3| Homo sapiens gastroke 1 (GKN1), mRNA;  
gi|94538358|ref|NM\_018652.4| Homo sapiens golgin A6 family, member B (GOLGA6B), mRNA;  
gi|94538361|ref|NM\_004475.2| Homo sapiens flotillin 2 (FLOT2), mRNA;  
gi|94538363|ref|NM\_001003938.3| Homo sapiens hemoglobin, mu (HBM), mRNA;  
gi|94538367|ref|NM\_006295.2| Homo sapiens valyl-tRNA synthetase (VARS), nuclear gene encoding mitocl  
gi|94538368|ref|NM\_030798.3| Homo sapiens Williams-Beuren syndrome chromosome region 16 (WBSCR  
gi|94557294|ref|NM\_001040439.1| Homo sapiens mitogen-activated protein kinase 8 interacting protein 3  
gi|94557298|ref|NM\_206907.3| Homo sapiens protein kinase, AMP-activated, alpha 1 catalytic subunit (PR  
gi|94557304|ref|NM\_014763.3| Homo sapiens mitochondrial ribosomal protein L19 (MRPL19), nuclear gen  
gi|94680984|ref|NM\_024565.5| Homo sapiens cyclin J-like (CCNJL), mRNA;  
gi|94681037|ref|NM\_138790.2| Homo sapiens phospholipase D family, member 4 (PLD4), mRNA;  
gi|94681044|ref|NM\_006685.3| Homo sapiens submaxillary gland androgen regulated protein 3B (SMR3B),  
gi|94681045|ref|NM\_020184.3| Homo sapiens cyclin M4 (CNNM4), mRNA;  
gi|94681048|ref|NM\_025145.5| Homo sapiens WD repeat domain 96 (WDR96), mRNA;  
gi|94681052|ref|NM\_017623.4| Homo sapiens cyclin M3 (CNNM3), transcript variant 1, mRNA; gi|9468105  
gi|94681054|ref|NM\_001040437.1| Homo sapiens chromosome 6 open reading frame 48 (C6orf48), transc  
gi|94681062|ref|NM\_013450.2| Homo sapiens bromodomain adjacent to zinc finger domain, 2B (BAZ2B), n  
gi|94681064|ref|NM\_001040443.1| Homo sapiens PHD finger protein 11 (PHF11), transcript variant 1, mRN  
gi|94681095|ref|NM\_203299.2| Homo sapiens chromosome 9 open reading frame 131 (C9orf131), transcri  
gi|94721244|ref|NM\_001445.2| Homo sapiens fatty acid binding protein 6, ileal (FABP6), transcript variant

gi|94721245|ref|NM\_001632.3| Homo sapiens alkaline phosphatase, placental (ALPP), mRNA;

gi|94721247|ref|NM\_001040445.1| Homo sapiens ankyrin repeat and SOCS box containing 1 (ASB1), mRNA

gi|94721249|ref|NM\_003574.5| Homo sapiens VAMP (vesicle-associated membrane protein)-associated pr

gi|94721254|ref|NM\_134263.2| Homo sapiens solute carrier family 26, member 6 (SLC26A6), transcript var

gi|94721260|ref|NM\_033133.4| Homo sapiens 2',3'-cyclic nucleotide 3' phosphodiesterase (CNP), mRNA;

gi|94721262|ref|NM\_001040446.1| Homo sapiens myotubularin related protein 12 (MTMR12), mRNA;

gi|94721264|ref|NM\_139167.2| Homo sapiens sarcoglycan, zeta (SGCZ), mRNA;

gi|94721267|ref|NM\_015873.3| Homo sapiens villin-like (VILL), mRNA;

gi|94721306|ref|NM\_017510.4| Homo sapiens transmembrane emp24 protein transport domain containin

gi|94721307|ref|NM\_032892.3| Homo sapiens FERM domain containing 5 (FRMD5), transcript variant 2, m

gi|94721310|ref|NM\_032558.2| Homo sapiens hippocampus abundant transcript-like 1 (HIATL1), mRNA;

gi|94721312|ref|NM\_152622.3| Homo sapiens mesoderm induction early response 1, family member 3 (M

gi|94721316|ref|NR\_000015.2| Homo sapiens small nucleolar RNA, C/D box 55 (SNORD55), small nucleolar

gi|94721317|ref|NR\_003041.1| Homo sapiens small nucleolar RNA, C/D box 13 (SNORD13), small nucleolar

gi|94721320|ref|NM\_145020.3| Homo sapiens coiled-coil domain containing 11 (CCDC11), mRNA;

gi|94721322|ref|NR\_000024.2| Homo sapiens small nucleolar RNA, C/D box 46 (SNORD46), small nucleolar

gi|94721323|ref|NM\_145080.3| Homo sapiens non-SMC element 1 homolog (S. cerevisiae) (NSMCE1), mRN

gi|94721325|ref|NR\_003043.1| Homo sapiens small nucleolar RNA, C/D box 49B (SNORD49B), small nucleo

gi|94721326|ref|NM\_017637.5| Homo sapiens basenuclin 2 (BNC2), mRNA;

gi|94721333|ref|NM\_001040450.1| Homo sapiens family with sequence similarity 63, member B (FAM63B)

gi|94721339|ref|NM\_001040455.1| Homo sapiens SID1 transmembrane family, member 2 (SIDT2), mRNA;

gi|94721341|ref|NM\_001040441.1| Homo sapiens zinc finger and BTB domain containing 8A (ZBTB8A), mRI

gi|94721348|ref|NM\_022307.2| Homo sapiens islet cell autoantigen 1, 69kDa (ICA1), transcript variant 1, m

gi|94721355|ref|NM\_000941.2| Homo sapiens P450 (cytochrome) oxidoreductase (POR), mRNA;

gi|94818667|ref|NR\_003045.1| Homo sapiens small nucleolar RNA, C/D box 17 (SNORD17), small nucleolar

gi|94818672|ref|NR\_003048.1| Homo sapiens small nucleolar RNA, C/D box 23 (SNORD23), small nucleolar

gi|94818685|ref|NR\_003046.1| Homo sapiens small nucleolar RNA, C/D box 59B (SNORD59B), small nucleo

gi|94818692|ref|NR\_003047.1| Homo sapiens small nucleolar RNA, C/D box 19 (SNORD19), small nucleolar

gi|94818703|ref|NR\_003049.1| Homo sapiens small nucleolar RNA, C/D box 32B (SNORD32B), small nucleo

gi|94818737|ref|NM\_031908.4| Homo sapiens C1q and tumor necrosis factor related protein 2 (C1QTNF2),

gi|94818780|ref|NM\_017925.4| Homo sapiens DENN/MADD domain containing 4C (DENND4C), mRNA;

gi|94818878|ref|NM\_001040457.1| Homo sapiens rhomboid domain containing 2 (RHBDD2), transcript var

gi|94966755|ref|NM\_052955.2| Homo sapiens transglutaminase 7 (TGM7), mRNA;

gi|94966756|ref|NM\_006849.2| Homo sapiens protein disulfide isomerase family A, member 2 (PDIA2), mR

gi|94967015|ref|NM\_001005179.2| Homo sapiens olfactory receptor, family 56, subfamily A, member 4 (O

gi|94967017|ref|NR\_003054.1| Homo sapiens small nucleolar RNA, C/D box 65 (SNORD65), small nucleolar

gi|94967018|ref|NR\_003056.1| Homo sapiens small nucleolar RNA, C/D box 67 (SNORD67), small nucleolar

gi|94967019|ref|NR\_003057.1| Homo sapiens small nucleolar RNA, C/D box 69 (SNORD69), small nucleolar

gi|94967020|ref|NR\_003059.1| Homo sapiens small nucleolar RNA, C/D box 71 (SNORD71), small nucleolar

gi|94967021|ref|NR\_003055.1| Homo sapiens small nucleolar RNA, C/D box 66 (SNORD66), small nucleolar

gi|94967022|ref|NM\_032552.2| Homo sapiens DAB2 interacting protein (DAB2IP), transcript variant 1, mRN

gi|94967026|ref|NR\_003058.1| Homo sapiens small nucleolar RNA, C/D box 70 (SNORD70), small nucleolar

gi|94983916|ref|NM\_002126.4| Homo sapiens hepatic leukemia factor (HLF), mRNA;

gi|95006992|ref|NR\_003029.2| Homo sapiens small nucleolar RNA, C/D box 9 (SNORD9), small nucleolar RN

gi|95007007|ref|NR\_002999.2| Homo sapiens small Cajal body-specific RNA 20 (SCARNA20), guide RNA;

gi|95007008|ref|NR\_002992.2| Homo sapiens small nucleolar RNA, H/ACA box 7B (SNORA7B), small nucleo

gi|95007009|ref|NR\_003018.2| Homo sapiens small nucleolar RNA, H/ACA box 71D (SNORA71D), small nuc

gi|95007010|ref|NR\_002996.2| Homo sapiens small nucleolar RNA, H/ACA box 80 (SNORA80), small nucleolar RNA;  
gi|95007011|ref|NR\_003014.2| Homo sapiens small nucleolar RNA, H/ACA box 47 (SNORA47), small nucleolar RNA;  
gi|95007012|ref|NR\_003017.2| Homo sapiens small nucleolar RNA, H/ACA box 71C (SNORA71C), small nucleolar RNA;  
gi|95007013|ref|NR\_003021.2| Homo sapiens small nucleolar RNA, H/ACA box 79 (SNORA79), small nucleolar RNA;  
gi|95007031|ref|NM\_015888.4| Homo sapiens hook homolog 1 (Drosophila) (HOOK1), mRNA;  
gi|9506542|ref|NM\_019556.1| Homo sapiens motile sperm domain containing 1 (MOSPD1), mRNA;  
gi|9506662|ref|NM\_019062.1| Homo sapiens ring finger protein 186 (RNF186), mRNA;  
gi|9506744|ref|NM\_018949.1| Homo sapiens urotensin 2 receptor (UTS2R), mRNA;  
gi|9506746|ref|NM\_018971.1| Homo sapiens G protein-coupled receptor 27 (GPR27), mRNA;  
gi|9506798|ref|NM\_017506.1| Homo sapiens olfactory receptor, family 7, subfamily A, member 5 (OR7A5), mRNA;  
gi|95089415|ref|NM\_012478.3| Homo sapiens WW domain binding protein 2 (WBP2), mRNA;  
gi|95089460|ref|NM\_004747.3| Homo sapiens discs, large homolog 5 (Drosophila) (DLG5), mRNA;  
gi|95091987|ref|NM\_006125.2| Homo sapiens Rho GTPase activating protein 6 (ARHGAP6), transcript variant 1, mRNA;  
gi|95102479|ref|NR\_002570.2| Homo sapiens cytochrome P450, family 2, subfamily D, polypeptide 7 pseudogene 1, mRNA;  
gi|95102542|ref|NM\_005967.3| Homo sapiens NGFI-A binding protein 2 (EGR1 binding protein 2) (NAB2), mRNA;  
gi|95104789|ref|NM\_005860.2| Homo sapiens follistatin-like 3 (secreted glycoprotein) (FSTL3), mRNA;  
gi|95113641|ref|NR\_003063.1| Homo sapiens tubulin, alpha 4b (pseudogene) (TUBA4B), non-coding RNA;  
gi|95113644|ref|NR\_003061.1| Homo sapiens leukocyte immunoglobulin-like receptor pseudogene 2 (LILRI2), non-coding RNA;  
gi|95113653|ref|NR\_003062.1| Homo sapiens small proline-rich protein 2C (pseudogene) (SPRR2C), non-coding RNA;  
gi|95113660|ref|NM\_018649.2| Homo sapiens H2A histone family, member Y2 (H2AFY2), mRNA;  
gi|95113662|ref|NM\_022480.3| Homo sapiens kelch-like 25 (Drosophila) (KLHL25), mRNA;  
gi|95113663|ref|NM\_018214.4| Homo sapiens leucine rich repeat containing 1 (LRRC1), mRNA;  
gi|95113665|ref|NM\_018157.2| Homo sapiens resistance to inhibitors of cholinesterase 8 homolog B (C. elegans) (RITC8B), mRNA;  
gi|95113667|ref|NM\_032560.4| Homo sapiens SMEK homolog 1, suppressor of mek1 (Dictyostelium) (SMEK1), mRNA;  
gi|95113669|ref|NM\_022787.3| Homo sapiens nicotinamide nucleotide adenyltransferase 1 (NMNAT1), mRNA;  
gi|95147323|ref|NR\_003064.2| Homo sapiens peptide YY, 2 (seminalplasmin) (PYY2), non-coding RNA;  
gi|95147332|ref|NM\_004573.2| Homo sapiens phospholipase C, beta 2 (PLCB2), mRNA;  
gi|95147334|ref|NM\_002223.2| Homo sapiens inositol 1,4,5-trisphosphate receptor, type 2 (ITPR2), mRNA;  
gi|95147339|ref|NM\_023016.3| Homo sapiens sosondowah ankyrin repeat domain family member C (SOWC), mRNA;  
gi|95147341|ref|NM\_025134.4| Homo sapiens chromodomain helicase DNA binding protein 9 (CHD9), mRNA;  
gi|95147354|ref|NM\_153354.3| Homo sapiens transmembrane protein 161B (TMEM161B), mRNA;  
gi|95147355|ref|NM\_139021.2| Homo sapiens mitogen-activated protein kinase 15 (MAPK15), mRNA;  
gi|95147358|ref|NM\_019072.2| Homo sapiens small glutamine-rich tetratricopeptide repeat (TPR)-containing protein 1, mRNA;  
gi|95147541|ref|NM\_133174.2| Homo sapiens amyloid beta (A4) precursor protein-binding, family B, member 1, mRNA;  
gi|95147552|ref|NM\_007220.3| Homo sapiens carbonic anhydrase VB, mitochondrial (CA5B), nuclear gene;  
gi|95147553|ref|NM\_003956.3| Homo sapiens cholesterol 25-hydroxylase (CH25H), mRNA;  
gi|95147554|ref|NM\_002373.5| Homo sapiens microtubule-associated protein 1A (MAP1A), mRNA;  
gi|95147558|ref|NM\_175873.4| Homo sapiens sosondowah ankyrin repeat domain family member A (SOWA), mRNA;  
gi|95147560|ref|NM\_003986.2| Homo sapiens butyrobetaine (gamma), 2-oxoglutarate dioxygenase (gambr), mRNA;  
gi|95147561|ref|NM\_006682.2| Homo sapiens fibrinogen-like 2 (FGL2), mRNA;  
gi|95147562|ref|NM\_021998.4| Homo sapiens zinc finger protein 711 (ZNF711), mRNA;  
gi|95147563|ref|NM\_006961.3| Homo sapiens zinc finger protein 19 (ZNF19), mRNA;  
gi|95147683|ref|NR\_003065.1| Homo sapiens small nucleolar RNA, C/D box 84 (SNORD84), small nucleolar RNA;  
gi|9624968|ref|NM\_019602.1| Homo sapiens butyrophilin-like 2 (MHC class II associated) (BTNL2), mRNA;  
gi|96304463|ref|NM\_005139.2| Homo sapiens annexin A3 (ANXA3), mRNA;  
gi|96322659|ref|NM\_001087.3| Homo sapiens angio-associated, migratory cell protein (AAMP), mRNA;  
gi|96361828|ref|NM\_001609.3| Homo sapiens acyl-CoA dehydrogenase, short/branched chain (ACADSB), nuclear gene;

gi|96974944|ref|NR\_003068.1| Homo sapiens small nucleolar RNA, C/D box 88B (SNORD88B), small nucleolar RNA

gi|96974946|ref|NR\_003066.1| Homo sapiens small nucleolar RNA, C/D box 85 (SNORD85), small nucleolar RNA

gi|96974949|ref|NR\_003069.1| Homo sapiens small nucleolar RNA, C/D box 88C (SNORD88C), small nucleolar RNA

gi|96974950|ref|NR\_003067.1| Homo sapiens small nucleolar RNA, C/D box 88A (SNORD88A), small nucleolar RNA

gi|96974952|ref|NR\_003071.1| Homo sapiens small nucleolar RNA, C/D box 90 (SNORD90), small nucleolar RNA

gi|96974953|ref|NR\_003070.1| Homo sapiens small nucleolar RNA, C/D box 89 (SNORD89), small nucleolar RNA

gi|96974955|ref|NR\_003072.1| Homo sapiens small nucleolar RNA, C/D box 91A (SNORD91A), small nucleolar RNA

gi|96974956|ref|NR\_003073.1| Homo sapiens small nucleolar RNA, C/D box 91B (SNORD91B), small nucleolar RNA

gi|96974960|ref|NR\_003074.1| Homo sapiens small nucleolar RNA, C/D box 92 (SNORD92), small nucleolar RNA

gi|96974962|ref|NR\_003075.1| Homo sapiens small nucleolar RNA, C/D box 93 (SNORD93), small nucleolar RNA

gi|96974965|ref|NR\_003076.1| Homo sapiens small nucleolar RNA, C/D box 98 (SNORD98), small nucleolar RNA

gi|96974978|ref|NR\_003080.1| Homo sapiens small nucleolar RNA, C/D box 112 (SNORD112), small nucleolar RNA

gi|96974979|ref|NR\_003079.1| Homo sapiens small nucleolar RNA, C/D box 111 (SNORD111), small nucleolar RNA

gi|96975022|ref|NM\_182703.3| Homo sapiens ankyrin repeat and death domain containing 1A (ANKDD1A), mRNA

gi|96975054|ref|NM\_001031677.2| Homo sapiens RAB24, member RAS oncogene family (RAB24), transcript variant 1, mRNA

gi|96975056|ref|NM\_017709.3| Homo sapiens family with sequence similarity 46, member C (FAM46C), mRNA

gi|96975096|ref|NM\_016577.3| Homo sapiens RAB6B, member RAS oncogene family (RAB6B), mRNA

gi|96975099|ref|NM\_016229.3| Homo sapiens cytochrome b5 reductase 2 (CYB5R2), mRNA

gi|98162667|ref|NM\_019118.3| Homo sapiens transmembrane protein 234 (TMEM234), mRNA

gi|98162690|ref|NR\_003081.1| Homo sapiens glutathione S-transferase theta pseudogene 1 (GSTTP1), non coding RNA

gi|98162728|ref|NM\_052971.2| Homo sapiens liver expressed antimicrobial peptide 2 (LEAP2), mRNA

gi|98162758|ref|NR\_003042.1| Homo sapiens small nucleolar RNA, C/D box 45C (SNORD45C), small nucleolar RNA

gi|98162761|ref|NR\_003050.1| Homo sapiens small nucleolar RNA, C/D box 62B (SNORD62B), small nucleolar RNA

gi|98162771|ref|NR\_003077.1| Homo sapiens small nucleolar RNA, C/D box 99 (SNORD99), small nucleolar RNA

gi|98162773|ref|NR\_003078.1| Homo sapiens small nucleolar RNA, C/D box 110 (SNORD110), small nucleolar RNA

gi|98162801|ref|NM\_017741.3| Homo sapiens DDB1 and CUL4 associated factor 16 (DCAF16), mRNA

gi|98162806|ref|NM\_017432.3| Homo sapiens prostate tumor overexpressed 1 (PTOV1), mRNA

gi|98162825|ref|NM\_017994.4| Homo sapiens chromosome 7 open reading frame 42 (C7orf42), mRNA

gi|98961132|ref|NM\_025112.4| Homo sapiens ZXD family zinc finger C (ZXDC), transcript variant 1, mRNA

gi|98961134|ref|NM\_001014286.2| Homo sapiens family with sequence similarity 48, member A (FAM48A), mRNA

gi|98961140|ref|NM\_022484.4| Homo sapiens transmembrane protein 168 (TMEM168), mRNA

gi|98961144|ref|NM\_022571.5| Homo sapiens G protein-coupled receptor 135 (GPR135), mRNA

gi|98961153|ref|NM\_001040659.1| Homo sapiens tetratricopeptide repeat domain 23 (TTC23), transcript variant 1, mRNA

gi|98961157|ref|NM\_194247.2| Homo sapiens heterogeneous nuclear ribonucleoprotein A3 (HNRNPA3), mRNA

gi|98985779|ref|NM\_004301.3| Homo sapiens actin-like 6A (ACTL6A), transcript variant 1, mRNA

gi|98985790|ref|NM\_001040628.1| Homo sapiens neurocalcin delta (NCALD), transcript variant 5, mRNA

gi|98985800|ref|NM\_001040651.1| Homo sapiens CD3d molecule, delta (CD3-TCR complex) (CD3D), transcript variant 1, mRNA

gi|98985802|ref|NM\_000493.3| Homo sapiens collagen, type X, alpha 1 (COL10A1), mRNA

gi|98985805|ref|NM\_001854.3| Homo sapiens collagen, type XI, alpha 1 (COL11A1), transcript variant A, mRNA

gi|98985816|ref|NM\_199040.2| Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 4 (NUDX4), mRNA

gi|98985818|ref|NM\_004031.2| Homo sapiens interferon regulatory factor 7 (IRF7), transcript variant d, mRNA

gi|98985825|ref|NM\_001472.2| Homo sapiens G antigen 2C (GAGE2C), mRNA

gi|98985826|ref|NM\_005260.3| Homo sapiens growth differentiation factor 9 (GDF9), mRNA

gi|98985827|ref|NM\_014265.4| Homo sapiens ADAM metallopeptidase domain 28 (ADAM28), transcript variant 1, mRNA

gi|98985830|ref|NM\_014423.3| Homo sapiens AF4/FMR2 family, member 4 (AFF4), mRNA

gi|98986317|ref|NR\_003082.1| Homo sapiens glutathione S-transferase theta pseudogene 2 (GSTTP2), non coding RNA

gi|98986318|ref|NM\_001030013.1| Homo sapiens neuropeptide S (NPS), transcript variant 1, mRNA

gi|98986320|ref|NM\_181789.2| Homo sapiens gliomedin (GLDN), mRNA;

gi|98986322|ref|NM\_024558.2| Homo sapiens methyltransferase like 21D (METTL21D), transcript variant 1

gi|98986330|ref|NM\_024754.3| Homo sapiens pentatricopeptide repeat domain 2 (PTCD2), mRNA;

gi|98986335|ref|NM\_001901.2| Homo sapiens connective tissue growth factor (CTGF), mRNA;

gi|98986442|ref|NM\_000749.3| Homo sapiens cholinergic receptor, nicotinic, beta 3 (neuronal) (CHRNA3),

gi|98986444|ref|NM\_004363.2| Homo sapiens carcinoembryonic antigen-related cell adhesion molecule 5

gi|98986448|ref|NM\_000496.2| Homo sapiens crystallin, beta B2 (CRYBB2), mRNA;

gi|98986449|ref|NM\_022048.3| Homo sapiens casein kinase 1, gamma 1 (CSNK1G1), mRNA;

gi|98986456|ref|NM\_005334.2| Homo sapiens host cell factor C1 (VP16-accessory protein) (HCFC1), mRNA

gi|98986458|ref|NM\_014663.2| Homo sapiens lysine (K)-specific demethylase 4A (KDM4A), mRNA;

gi|98986460|ref|NM\_006160.3| Homo sapiens neuronal differentiation 2 (NEUROD2), mRNA;

gi|98986462|ref|NM\_014402.4| Homo sapiens ubiquinol-cytochrome c reductase, complex III subunit VII, 9

gi|98986463|ref|NM\_006827.5| Homo sapiens transmembrane emp24-like trafficking protein 10 (yeast) (TIP100),

gi|98991765|ref|NM\_022139.3| Homo sapiens GDNF family receptor alpha 4 (GFRA4), transcript variant 1,

gi|98991766|ref|NM\_152787.3| Homo sapiens TGF-beta activated kinase 1/MAP3K7 binding protein 3 (TAK1),

gi|98991768|ref|NM\_017714.2| Homo sapiens threonine aspartase, 1 (TASP1), mRNA;

gi|98991771|ref|NM\_001032281.2| Homo sapiens tissue factor pathway inhibitor (lipoprotein-associated coagulation pathway inhibitor) (LPI),

gi|98991774|ref|NM\_002437.4| Homo sapiens MpV17 mitochondrial inner membrane protein (MPV17), nuclear

gi|99028877|ref|NM\_024762.3| Homo sapiens zinc finger protein 552 (ZNF552), mRNA;

gi|99028882|ref|NM\_031949.4| Homo sapiens tubulin tyrosine ligase-like family, member 2 (TTL2), mRNA

gi|99077115|ref|NM\_019852.3| Homo sapiens methyltransferase like 3 (METTL3), mRNA;

gi|99077116|ref|NM\_014828.2| Homo sapiens TOX high mobility group box family member 4 (TOX4), mRNA.

gi|9910361|ref|NM\_020163.1| Homo sapiens sema domain, immunoglobulin domain (Ig), short basic domain (IgSF),

gi|9951912|ref|NM\_019858.1| Homo sapiens G protein-coupled receptor 162 (GPR162), transcript variant 1,

gi|9951919|ref|NM\_016734.1| Homo sapiens paired box 5 (PAX5), mRNA;

gi|9966771|ref|NM\_000888.3| Homo sapiens integrin, beta 6 (ITGB6), mRNA;

gi|9966826|ref|NM\_020357.1| Homo sapiens PEST proteolytic signal containing nuclear protein (PCNP), mRNA



41221|ref|NM\_153633.2| Homo sapiens homeobox C4 (HOXC4), transcript variant 2, mRNA;

tional protein 2 (AIMP2), mRNA;

ptide A) small phosphatase like 2 (CTDSPL2), mRNA;

RNA;

3, mRNA; gi|20336329|ref|NM\_138639.1| Homo sapiens BCL2-like 12 (proline rich) (BCL2L12), transcr  
\_C26A2), mRNA;

4 (SLC29A4), transcript variant 2, mRNA; gi|100913033|ref|NM\_001040661.1| Homo sapiens solute c:  
subunit (PRKAG2), transcript variant c, mRNA; gi|100913188|ref|NM\_024429.1| Homo sapiens protein

main, secreted, (semaphorin) 3A (SEMA3A), mRNA;

RNA;

transcript variant 2, mRNA; gi|102467234|ref|NM\_001040694.1| Homo sapiens inner centromere prot

ber 3 (XKR3), mRNA;

)), transcript variant 1, mRNA; gi|103472014|ref|NM\_018314.3| Homo sapiens UEV and lactate/malate  
, transcript variant 1, mRNA; gi|103472032|ref|NM\_001040701.1| Homo sapiens fucosyltransferase 6

HSD17B7P2), non-coding RNA;

ssociated factor, 43kDa (TAF8), mRNA;

inscript variant 2, mRNA; gi|104487610|ref|NM\_130855.2| Homo sapiens protein tyrosine phosphatas ST4), mRNA;

.), mRNA;

chondrial protein, transcript variant 3, mRNA; gi|106049294|ref|NM\_000920.3| Homo sapiens pyruval

1APRE3), mRNA;

gi|78217383|ref|NM\_001035267.1| Homo sapiens ribosomal protein L41 (RPL41), transcript variant 2,

p1 (EPS15L1), mRNA;

3, pseudogene (ABCC13), transcript variant D, non-coding RNA; gi|108773779|ref|NR\_003087.1| Homo sapiens ATP-binding cassette 1, transcript variant 1, mRNA; gi|108773783|ref|NM\_001040876.1| Homo sapiens ATP-binding cassette

transcript variant 2, mRNA; gi|108773785|ref|NM\_002915.3| Homo sapiens replication factor C (activator 1) 3, transcript variant 2, mRNA; gi|38327598|ref|NM\_198227.1| Homo sapiens regulator of G-protein signaling 12 (RGS12), transcript variant 1, mRNA; gi|108773792|ref|NM\_001042351.1| Homo sapiens glucose-6-phosphate dehydrogenase, mitochondrial, gene encoding mitochondrial protein, mRNA;

transcript variant 2, mRNA; gi|47834321|ref|NM\_006266.2| Homo sapiens ribosomal protein L16, transcript variant 2, mRNA;

(S. cerevisiae) (NUS1), mRNA;

transcript variant 1, mRNA; gi|108936951|ref|NM\_005134.2| Homo sapiens protein phosphatase 4, regulatory subunit 1 (CHST6), mRNA;

transcript variant 1, mRNA; gi|39653324|ref|NM\_198513.1| Homo sapiens PHD finger protein 20-like 1 (PHF20L1), transcript variant 2, mRNA; gi|109134331|ref|NM\_032147.2| Homo sapiens ubiquitin specific peptidase 44 (USP44), transcript variant 1, mRNA;

transcript variant 2, mRNA; gi|109134335|ref|NM\_004844.3| Homo sapiens SH3-domain binding protein 1, transcript variant 2, mRNA; gi|109134354|ref|NM\_016122.2| Homo sapiens coiled-coil domain containing 41 (CC1)

(PTPN20A), transcript variant 6, mRNA; gi|109138574|ref|NM\_001042397.1| Homo sapiens protein tyrosine phosphatase 20B (PTPN20B), transcript variant 10, mRNA; gi|109633032|ref|NM\_015605.7| Homo sapiens protein tyrosine phosphatase 20B (PTPN20B), transcript variant 10, mRNA; gi|109148505|ref|NM\_002445.3| Homo sapiens macrophage scavenger receptor 1 (MSR1), transcript variant 1, mRNA; gi|109148511|ref|NR\_003089.1| Homo sapiens OTU domain, ubiquitin aldehyde hydrolase 1, mRNA;

inducing activity polypeptide 2 (GNAT2), mRNA;

transcript variant 2, mRNA; gi|38570139|ref|NM\_198867.1| Homo sapiens alkB, alkylation repair homolog 6 (ALKB), transcript variant 1, mRNA; gi|109148547|ref|NM\_001042402.1| Homo sapiens N-acyl ethanolamine acid amidase (NAA)

nRNA; gi|109150423|ref|NR\_003090.1| Homo sapiens myelin-associated oligodendrocyte basic protein (MIOB), mRNA;

ion initiation factor IIIB (BDP1), mRNA;  
S) (B3GAT2), mRNA;  
f|NR\_003094.1| Homo sapiens E2F transcription factor 6 (E2F6), transcript variant d, non-coding RNA; g

nRNA;

.NA;  
member 10 (SLC5A10), transcript variant 2, mRNA; gi|109659838|ref|NM\_152351.3| Homo sapiens sc

ant 1, mRNA; gi|109659846|ref|NM\_001042459.1| Homo sapiens filamin A interacting protein 1-like (F  
number 8 (TRPM8), mRNA;

nt 2, mRNA; gi|109689696|ref|NM\_174940.2| Homo sapiens transmembrane protein 80 (TMEM80), tr  
!60166540|ref|NM\_001165958.1| Homo sapiens gasdermin B (GSDMB), transcript variant 3, mRNA; gi|  
nRNA;

, transcript variant 3, mRNA; gi|109689708|ref|NM\_199259.2| Homo sapiens transmembrane phosphi

t variant 1, mRNA; gi|109698598|ref|NM\_001042462.1| Homo sapiens trafficking protein particle com  
2, mRNA; gi|109698600|ref|NM\_001042432.1| Homo sapiens ceroid-lipofuscinosis, neuronal 3 (CLN3)

;

RNA;  
nRNA;  
NA;

11), mRNA;  
nRNA; gi|109715830|ref|NM\_152477.3| Homo sapiens zinc finger protein 565 (ZNF565), transcript vari

t variant 1, mRNA; gi|109715838|ref|NM\_001042478.1| Homo sapiens adherens junctions associated p  
.DA3), mRNA;

t 2, mRNA; gi|295842379|ref|NM\_001178035.1| Homo sapiens centrosomal protein 85kDa-like (CEP8  
VSD), mRNA;

transcript variant 1, mRNA; gi|109715853|ref|NM\_001042476.1| Homo sapiens calcium regulated he  
), transcript variant 1, mRNA; gi|109715860|ref|NM\_017856.2| Homo sapiens gem (nuclear organelle)  
nRNA; gi|109715865|ref|NM\_001042481.1| Homo sapiens FERM domain containing 6 (FRMD6), transc

anscript variant 1, mRNA; gi|109809738|ref|NM\_015454.1| Homo sapiens La ribonucleoprotein domai  
mRNA;  
, mRNA;  
26350|ref|NM\_001042467.1| Homo sapiens melanophilin (MLPH), transcript variant 2, mRNA;

L2B), mRNA;

;

is) (SMU1), mRNA;

transcript variant 1, mRNA; gi|109948305|ref|NM\_012385.2| Homo sapiens nuclear protein, transcripti

ript variant 2, mRNA; gi|109948309|ref|NM\_001042493.1| Homo sapiens chromosome 6 open reading

:rs), member 6 (SLC12A6), transcript variant 5, mRNA; gi|110224451|ref|NM\_001042494.1| Homo sapi

GB), mRNA;

GF), transcript variant 1, mRNA; gi|110224466|ref|NM\_173074.2| Homo sapiens phosphatidylinositol

IGH), mRNA;

GL), mRNA;

GK), mRNA;

'IGM), mRNA;

.75|ref|NM\_001042465.1| Homo sapiens prosaposin (PSAP), transcript variant 2, mRNA; gi|110224478

TH4 domain) member 1 (PLEKHH1), mRNA;

ariant 2, mRNA; gi|110225350|ref|NM\_001042517.1| Homo sapiens diaphanous homolog 3 (Drosophil

ase, antitrypsin), member 9 (SERPINA9), transcript variant B, mRNA; gi|110225346|ref|NM\_175739.3|

ariant 2, mRNA; gi|99028952|ref|NM\_001031853.3| Homo sapiens inscuteable homolog (Drosophila) (IF

RNA; gi|110227590|ref|NM\_001042511.1| Homo sapiens zinc finger protein 706 (ZNF706), transcript

|110227595|ref|NM\_001031733.2| Homo sapiens calmodulin-like 4 (CALML4), transcript variant 2, mR

in 3 (AGAP3), transcript variant 1, mRNA; gi|110227616|ref|NM\_001042535.1| Homo sapiens ArfGAP v

mRNA;

mRNA; gi|110227618|ref|NM\_001042533.1| Homo sapiens MYC induced nuclear antigen (MINA), tran

1), mRNA;

VA;

gi|332309170|ref|NM\_001206855.1| Homo sapiens transferrin receptor 2 (TFR2), transcript variant 2, r

mRNA; gi|110227856|ref|NM\_001042482.1| Homo sapiens thiamin pyrophosphokinase 1 (TPK1), trans

;

ke 2 (SS18L2), mRNA;

GRL3), mRNA;

l1), mRNA;

LDIP2), mRNA;

l), mRNA;

transcript variant 2, mRNA; gi|110347407|ref|NM\_006654.3| Homo sapiens fibroblast growth factor receptor  
transcript variant 2, mRNA; gi|110347419|ref|NM\_001042550.1| Homo sapiens structural maintenance of

4 (LTBP4), transcript variant 1, mRNA; gi|110347436|ref|NM\_001042545.1| Homo sapiens latent transmembrane

glycine receptor, alpha 3 (GLRA3), transcript variant 1, mRNA; gi|110347432|ref|NM\_001042543.1| Homo sapiens glycine receptor, alpha 3 (GLRA3), transcript v

3A (ZNF33A), transcript variant 1, mRNA; gi|110347445|ref|NM\_006954.1| Homo sapiens zinc finger protein 33A (ZNF33A), transcript variant  
5 (SLC9A5), member 5 (SLC9A5), mRNA;

3A (ZNF33A), transcript variant 1, mRNA; gi|110347445|ref|NM\_006954.1| Homo sapiens zinc finger protein 33A (ZNF33A), transcript variant

transcription factor) (MAZ), transcript variant 2, mRNA; gi|110347460|ref|NM\_002383.2| Homo sapiens nuclear  
protein 2 (HIVEP2), mRNA;  
G1), non-coding RNA;

gi|110349723|ref|NM\_021267.3| Homo sapiens ceramide synthase 1 (CERS1), transcript variant 1, mRNA;  
NA;

transcript variant 2, mRNA; gi|110349728|ref|NM\_007362.3| Homo sapiens nuclear cap binding protein 2, mRNA; gi|110349736|ref|NM\_003576.3| Homo sapiens serine/threonine kinase 24 (STK24), transcript

variant 2, mRNA; gi|110349743|ref|NM\_001042519.1| Homo sapiens chromosome 2 open reading frame 100, mitochondrial protein, mRNA;

, transcript variant 1, mRNA; gi|110349755|ref|NM\_001042548.1| Homo sapiens fasciculation and elongation control protein 1, transcript variant 1, mRNA; gi|110349762|ref|NM\_017456.2| Homo sapiens cytohesin 1 (CYTH1), transcript variant 2, mRNA;

. cerevisiae) (NSL1), transcript variant 1, mRNA; gi|110349760|ref|NM\_001042549.1| Homo sapiens nuclear lamina protein 1, transcript variant 1, mRNA;

nit (CACNA1S), mRNA;

. cerevisiae) (COX19), mRNA;

gi|110349774|ref|NM\_006956.2| Homo sapiens zinc finger protein 12 (ZNF12), transcript variant 2, mRNA; gi|110349776|ref|NR\_003099.1| Homo sapiens zinc finger protein 273 (ZNF273), transcript variant 2

phosphatidic acid acyltransferase, epsilon) (AGPAT5), mRNA;

), mRNA;

lipase-like 4 (putative) (APOBEC4), mRNA;

l;  
nscript variant 2, mRNA; gi|110431353|ref|NM\_022769.3| Homo sapiens CREB regulated transcription

38), transcript variant 2, mRNA; gi|110431367|ref|NM\_001033113.1| Homo sapiens ectonucleoside tri

nt 1, mRNA; gi|110556641|ref|NM\_001042589.1| Homo sapiens transmembrane protein 8B (TMEM8E  
script variant 1, mRNA; gi|260593672|ref|NM\_001166058.1| Homo sapiens relaxin/insulin-like family p  
ie encoding mitochondrial protein, transcript variant 1, mRNA; gi|312284075|ref|NM\_033362.3| Homc

LCH), transcript variant 2, non-coding RNA; gi|110578654|ref|NM\_017975.3| Homo sapiens Zwilch, kin

nRNA;  
11148|ref|NM\_001042581.1| Homo sapiens snurportin 1 (SNUPN), transcript variant 2, mRNA; gi|1106

if, 14 (ADAMTS14), transcript variant 2, mRNA; gi|110611166|ref|NM\_139155.2| Homo sapiens ADAM  
if, 17 (ADAMTS17), mRNA;

), transcript variant 2, mRNA; gi|110611217|ref|NM\_001042576.1| Homo sapiens ribosome binding pr

l, mRNA; gi|110611234|ref|NM\_030582.3| Homo sapiens collagen, type XVIII, alpha 1 (COL18A1), tran:

iber 2 (KCNQ2), transcript variant 1, mRNA; gi|210147481|ref|NM\_004518.4| Homo sapiens potassium

n-glutamine-gamma-glutamyltransferase) (TGM1), mRNA;

1 (MAP4K1), transcript variant 1, mRNA; gi|110611904|ref|NM\_007181.4| Homo sapiens mitogen-acti  
TM domain), member 6 (LILRA6), mRNA;  
; cytoplasmic tail, 1 (KIR2DL1), mRNA;

ne encoding mitochondrial protein, transcript variant 1, mRNA; gi|110618245|ref|NM\_080794.3| Hom



, mRNA;  
l, nuclear gene encoding mitochondrial protein, mRNA;  
AR9), mRNA;

l, mRNA;

}), transcript variant 2, mRNA; gi|110624793|ref|NM\_018424.2| Homo sapiens erythrocyte membrane  
; gi|110624786|ref|NM\_001042604.1| Homo sapiens 5'-3' exoribonuclease 1 (XRN1), transcript variant

script variant 5, non-coding RNA; gi|110671311|ref|NR\_003102.1| Homo sapiens protection of telome  
uclear gene encoding mitochondrial protein, mRNA;

23), mRNA;  
ane domains 1 (LRIT1), mRNA;

variant 1, mRNA; gi|110735400|ref|NM\_004350.2| Homo sapiens runt-related transcription factor 3 (R  
110735430|ref|NM\_182923.3| Homo sapiens kinesin light chain 1 (KLC1), transcript variant 2, mRNA; g

VNT8B), mRNA;  
if, 16 (ADAMTS16), mRNA;

RNA;  
anscript variant 1, mRNA;  
NA;

3 (ST8SIA3), mRNA;  
(avian) (ERBB4), transcript variant JM-a/CVT-1, mRNA; gi|110825957|ref|NM\_001042599.1| Homo sap  
: 1, mRNA; gi|110825962|ref|NM\_001042618.1| Homo sapiens poly (ADP-ribose) polymerase 2 (PARP2

mRNA;

IAS1), mRNA;

(ABCC9), transcript variant SUR2B, mRNA; gi|110832834|ref|NM\_005691.2| Homo sapiens ATP-bindir

associated factor, 135kDa (TAF4), mRNA;  
10A), mRNA;  
10835714|ref|NM\_001042625.1| Homo sapiens calcyphosine-like (CAPSL), transcript variant 2, mRNA;  
aining 2 (TSTD2), mRNA;  
ant 2, mRNA; gi|111038127|ref|NM\_001042635.1| Homo sapiens neuroguidin, EIF4E binding protein (l  
mitochondrial protein, transcript variant 1, mRNA; gi|111038142|ref|NM\_005838.3| Homo sapiens gly  
SLC31A2), mRNA;

t variant 1, mRNA; gi|111074534|ref|NM\_014965.3| Homo sapiens trafficking protein, kinesin binding  
variant 3, mRNA; gi|23510349|ref|NM\_152897.1| Homo sapiens sorting nexin family member 21 (SNX21)  
nRNA; gi|111118967|ref|NM\_080679.2| Homo sapiens collagen, type XI, alpha 2 (COL11A2), transcript  
RNA; gi|111118975|ref|NM\_001844.4| Homo sapiens collagen, type II, alpha 1 (COL2A1), transcript var  
11118977|ref|NM\_017449.3| Homo sapiens EPH receptor B2 (EPHB2), transcript variant 1, mRNA;  
hondrial protein, transcript variant 1, mRNA; gi|111118982|ref|NM\_004110.3| Homo sapiens ferredox  
nt 3, mRNA; gi|111118991|ref|NM\_000680.2| Homo sapiens adrenergic, alpha-1A-, receptor (ADRA1A)

ar gene encoding mitochondrial protein, mRNA;  
r-coding RNA;  
UD1), transcript variant 1, mRNA; gi|111120340|ref|NM\_001040610.2| Homo sapiens elongation factor  
ranscript variant 1, mRNA; gi|111154072|ref|NR\_003109.1| Homo sapiens tRNA selenocysteine 1 asso  
y member 7) (MPP7), mRNA;  
gi|111154093|ref|NM\_024900.3| Homo sapiens PHD finger protein 17 (PHF17), transcript variant S, m  
oGef domain) member 5 (PLEKHG5), transcript variant 1, mRNA; gi|111154083|ref|NM\_198681.2| Hon  
variant 2, mRNA; gi|111154089|ref|NM\_001042669.1| Homo sapiens Rho GTPase activating protein 24  
ipt variant 2, mRNA; gi|111159469|ref|NM\_139355.2| Homo sapiens megakaryocyte-associated tyrosi  
IPP3), mRNA;  
rase 9 (B3GNT9), mRNA;  
RNA; gi|111160589|ref|NM\_152992.2| Homo sapiens POM121 and ZP3 fusion (POMZP3), transcript va

g RNA;  
L2), transcript variant 1, mRNA; gi|111378390|ref|NM\_174983.3| Homo sapiens major facilitator super  
L0), mRNA;

GY), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|111494229|ref|NM\_001114942.1|, mRNA;  
IA;  
IA;  
nt 2, mRNA; gi|111494250|ref|NM\_001042679.1| Homo sapiens ras homolog family member C (RHOC), transcript variant 1, mRNA;  
ANTD1), mRNA;  
59A), mRNA;  
n containing 3 (PLCXD3), mRNA;

'), mRNA;

transcript variant 1, mRNA; gi|205361106|ref|NM\_001135111.1| Homo sapiens potassium channel, subfamily 1, coding mitochondrial protein, mRNA;

mRNA;

), mRNA;

3 (RNF5P1), non-coding RNA;  
4, pseudogene (HSP90AB2P), non-coding RNA;  
5), non-coding RNA;

olar RNA;  
number A pseudogene 1 (ANP32AP1), non-coding RNA;  
tor 1 (MDGA1), mRNA;

58B), mRNA;

coding mitochondrial protein, mRNA;

6 (RPGRIP1), mRNA;

gi|112789533|ref|NM\_006603.4| Homo sapiens stromal antigen 2 (STAG2), transcript variant 4, mRNA;  
3) (PVRL2), transcript variant alpha, mRNA; gi|112789531|ref|NM\_001042724.1| Homo sapiens poliovirus receptor 1 (PVR1), transcript variant 1, mRNA; gi|112789542|ref|NM\_001042762.1| Homo sapiens fidgetin-like 1 (FIGNL1), transcript variant 1, mRNA;  
transcript variant 1, mRNA; gi|112789545|ref|NM\_005356.3| Homo sapiens lymphocyte-specific protein tyrosine kinase 1 (LSTK1), mRNA;

exchange factor 1 (PREX1), mRNA;  
ASIC5), mRNA;  
if, 19 (ADAMTS19), mRNA;  
DA; gi|112789557|ref|NM\_014934.3| Homo sapiens DAZ interacting protein 1 (DZIP1), transcript variant 1, mRNA; gi|112789560|ref|NM\_014299.2| Homo sapiens bromodomain containing 4 (BRD4), transcript variant 2, mRNA; gi|330864752|ref|NM\_001206567.1| Homo sapiens interferon, gamma-inducible protein 1 (IFNG1), mRNA;

: variant 2, mRNA; gi|112799848|ref|NM\_001031685.2| Homo sapiens tumor protein p53 binding protein 1 (TP53BP1), mRNA;  
encoding mitochondrial protein, mRNA;

ript variant 1, mRNA; gi|112807225|ref|NM\_001043318.1| Homo sapiens chromosome 14 open reading frame 1 (GPRC6A), mRNA;  
l1), mRNA;  
l2), mRNA;

A), transcript variant B, mRNA; gi|113204434|ref|NM\_014826.4| Homo sapiens CDC42 binding protein 1 (CDC42BP1), mRNA;

, mRNA; gi|113204616|ref|NM\_001042723.1| Homo sapiens ryanodine receptor 1 (skeletal) (RYR1), transcript variant 1, mRNA;  
3204621|ref|NM\_001044305.1| Homo sapiens small ArfGAP 1 (SMAP1), transcript variant 1, mRNA;

rRNA; gi|113204624|ref|NM\_054012.3| Homo sapiens argininosuccinate synthase 1 (ASS1), transcript variant 1, mRNA;  
rRNA; gi|113205078|ref|NM\_024341.2| Homo sapiens zinc finger protein 557 (ZNF557), transcript variant 1, mRNA;

og 1A (yeast) (VTI1A), mRNA;  
00000339743 (LOC729574), mRNA;  
.75), mRNA; gi|169166644|ref|XM\_001717514.1| PREDICTED: Homo sapiens hypothetical protein LOC729574.75, mRNA;  
165), mRNA; gi|169201830|ref|XM\_001717063.1| PREDICTED: Homo sapiens hypothetical protein LOC729574.165, mRNA;  
NA;

mRNA; gi|113462006|ref|NM\_001031812.2| Homo sapiens casein kinase 1, gamma 3 (CSNK1G3), transcript variant 1, mRNA;

t) (PLA2G4A), mRNA;

nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|113722117|ref|NM\_014551.1| Homo sapiens nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;

1, mRNA; gi|113722121|ref|NR\_003149.1| Homo sapiens G protein-coupled receptor 98 (GPR98), transcript variant 1, mRNA;

uclear gene encoding mitochondrial protein, mRNA;

), mRNA;

NA;

, transcript variant 2, mRNA; gi|113951731|ref|NM\_207012.2| Homo sapiens adaptor-related protein c  
nt 2, mRNA; gi|114145478|ref|NM\_001047160.1| Homo sapiens neuroepithelial cell transforming 1 (N  
.), mRNA;

nt 1, mRNA; gi|114155132|ref|NM\_001372.3| Homo sapiens dynein, axonemal, heavy chain 9 (DNAH9  
155147|ref|NM\_001043353.1| Homo sapiens tropomyosin 3 (TPM3), transcript variant 5, mRNA; gi|11  
, mRNA;

member 9 (RASSF9), mRNA;

mRNA;

A;

), transcript variant 1, mRNA; gi|114199472|ref|NM\_080631.3| Homo sapiens vacuolar protein sorting

l, mRNA;

gulated 4, E3 ubiquitin protein ligase (NEDD4), transcript variant 1, mRNA; gi|114520606|ref|NM\_1984

ding RNA;

NA;

ransporter 3) (SLC16A8), mRNA;

nscript variant 3, mRNA; gi|114796623|ref|NM\_005734.3| Homo sapiens homeodomain interacting pr  
L (ANKFN1), mRNA;

R5K1), mRNA;

1, mRNA; gi|115270966|ref|NM\_015127.3| Homo sapiens chloride channel CLIC-like 1 (CLCC1), transcr  
ariant 1, mRNA; gi|115298643|ref|NM\_004427.3| Homo sapiens polyhomeotic homolog 2 (Drosophila)  
nma3, mRNA; gi|115298646|ref|NM\_012222.2| Homo sapiens mutY homolog (E. coli) (MUTYH), transc

RNA;

NA; gi|115298662|ref|NM\_001048166.1| Homo sapiens SCL/TAL1 interrupting locus (STIL), transcript \

;

NA; gi|115305568|ref|NM\_001048230.1| Homo sapiens adenosine A1 receptor (ADORA1), transcript variant 2, mRNA; gi|115334676|ref|NM\_002892.3| Homo sapiens AT rich interactive domain 4A (R), mRNA;

d delta-isomerase 1 (HSD3B1), mRNA;  
 transcript variant 1, mRNA; gi|115385974|ref|NM\_080923.2| Homo sapiens protein tyrosine phosphatase  
 transcript variant 2, mRNA; gi|115387095|ref|NM\_015484.4| Homo sapiens SYF2 homolog, RNA splicing  
 p) (SDHB), nuclear gene encoding mitochondrial protein, mRNA;

. (CAMK2N1), mRNA;  
per 3 (KCNE3), mRNA;

nucleolar RNA;  
nucleolar RNA;  
nucleolar RNA;  
nucleolar RNA;  
nucleolar RNA;  
nucleolar RNA;  
nucleolar RNA;  
| nucleolar RNA;  
nucleolar RNA;  
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| nucleolar RNA;  
| nucleolar RNA;  
| nucleolar RNA;  
| nucleolar RNA;  
| nucleolar RNA;  
| nucleolar RNA;

G), mRNA;

ie (AFG3L1P), transcript variant 1, non-coding RNA; gi|115430062|ref|NR\_003228.1| Homo sapiens AF

nRNA;

ASSF5), transcript variant 2, mRNA; gi|115430205|ref|NM\_182663.2| Homo sapiens Ras association (R

ot variant 1, mRNA; gi|115430208|ref|NM\_023923.3| Homo sapiens phosphatase and actin regulator 4

;

ne encoding mitochondrial protein, mRNA;

ript variant 2, mRNA; gi|115430216|ref|NM\_001048265.1| Homo sapiens chromosome 9 open reading

gi|115430230|ref|NM\_001048205.1| Homo sapiens REC8 homolog (yeast) (REC8), transcript variant 2,

transcript variant 2, mRNA; gi|115430234|ref|NM\_001048201.1| Homo sapiens ubiquitin-like with PH

ant sigma5, mRNA; gi|115430236|ref|NM\_020971.2| Homo sapiens spectrin, beta, non-erythrocytic 4

mRNA; gi|115430240|ref|NM\_020680.3| Homo sapiens SCY1-like 1 (S. cerevisiae) (SCYL1), transcript v:

5F1A), mRNA;

nt 2, mRNA; gi|9845514|ref|NM\_002961.2| Homo sapiens S100 calcium binding protein A4 (S100A4), t

ein beta) (SSR2), mRNA;

9A4), transcript variant 2, mRNA; gi|115430258|ref|NM\_017767.2| Homo sapiens solute carrier family

ucleolar RNA;

ucleolar RNA;

ucleolar RNA;

ucleolar RNA;

ucleolar RNA;

ucleolar RNA;



ucleolar RNA;  
ucleolar RNA;  
-coding RNA;  
ucleolar RNA;

IA;

DD2), mRNA;

) (PARD6G), mRNA;

A;  
l, mRNA;  
V1), mRNA;

ipt variant 2, mRNA; gi|115511034|ref|NM\_007238.4| Homo sapiens peroxisomal membrane protein 4  
ipt variant 3, mRNA; gi|58218978|ref|NM\_018070.3| Homo sapiens single stranded DNA binding prote  
ondrial protein, mRNA;

iq class) (GNA11), mRNA;  
(GTF2E2), mRNA;

e encoding mitochondrial protein, mRNA;  
i', mRNA; gi|115527065|ref|NM\_058174.2| Homo sapiens collagen, type VI, alpha 2 (COL6A2), transcri  
) , mRNA;  
variant 1, mRNA; gi|115527075|ref|NM\_001075099.1| Homo sapiens src kinase associated phosphop  
A; gi|322506111|ref|NM\_001203258.1| Homo sapiens metastasis associated 1 (MTA1), transcript varia  
IA;  
t variant 3f, mRNA; gi|115527084|ref|NM\_079420.2| Homo sapiens myosin, light chain 1, alkali; skelet  
L3), mRNA;  
ssociated factor, 150kDa (TAF2), mRNA;  
UB2), transcript variant 1, mRNA; gi|115527087|ref|NM\_177441.2| Homo sapiens transmembrane ar  
IA;  
HG11), non-coding RNA;  
}), mRNA;

iant 2, mRNA; gi|115527101|ref|NM\_004763.3| Homo sapiens integrin beta 1 binding protein 1 (ITGB:  
!7105|ref|NM\_152439.2| Homo sapiens bestrophin 3 (BEST3), transcript variant 2, mRNA;  
.0 (HNRNPA1P10), non-coding RNA;

A;  
HG10), non-coding RNA; gi|115529442|ref|NR\_003138.2| Homo sapiens small nucleolar RNA host gene  
nbrane domains 2 (LRIT2), mRNA;  
P5K1B), transcript variant 2, mRNA;

1), mRNA;  
(POLR3G), mRNA;  
(SERPINB4), mRNA;

09B), mRNA;  
B1), mRNA;

I11A), mRNA;  
3), mRNA;  
);  
, transcript variant 1, mRNA; gi|115583664|ref|NM\_001076778.1| Homo sapiens family with sequence  
mRNA;

gi|115648069|ref|NM\_001076787.1| Homo sapiens tumor protein p53 inducible protein 11 (TP53I11),

variant 3, mRNA; gi|116006950|ref|NM\_052892.3| Homo sapiens polycystic kidney disease 1-like 2 (PK  
mRNA;  
NA; gi|116008189|ref|NM\_053028.3| Homo sapiens myosin light chain kinase (MYLK), transcript varia

ript variant 2, mRNA; gi|116008446|ref|NM\_003388.4| Homo sapiens CAP-GLY domain containing link  
14B), transcript variant 2, mRNA; gi|116008457|ref|NM\_001077181.1| Homo sapiens CDC14 cell divisi  
(HDHD2), mRNA;

NA; gi|116014333|ref|NM\_001077180.1| Homo sapiens methyltransferase like 9 (METTL9), transcript

R4D2), mRNA;

IA;  
COQ5), nuclear gene encoding mitochondrial protein, mRNA;

non-coding RNA;  
non-coding RNA;

A), transcript variant 2, mRNA; gi|116089281|ref|NM\_001077198.1| Homo sapiens ATG9 autophagy re  
A; gi|116089279|ref|NM\_001077195.1| Homo sapiens zinc finger protein 436 (ZNF436), transcript vari  
HS3ST6), mRNA;  
K1), transcript variant 1, mRNA; gi|116089323|ref|NM\_139168.2| Homo sapiens splicing regulatory glu

mRNA;  
mRNA;  
174737|ref|NM\_020318.2| Homo sapiens pappalysin 2 (PAPPA2), transcript variant 1, mRNA;  
riant 1, mRNA; gi|116174735|ref|NM\_001077203.1| Homo sapiens SUMO1/sentrin specific peptidase :  
;  
;

nRNA;  
7), mRNA;  
.1), mRNA;

nRNA; gi|116235450|ref|NM\_207343.2| Homo sapiens ring finger protein 214 (RNF214), transcript var

ript variant 2, mRNA; gi|116235461|ref|NM\_182556.2| Homo sapiens solute carrier family 25, membe  
) , nuclear gene encoding mitochondrial protein, mRNA;  
iGIP1), mRNA;  
nRNA;

IO1), mRNA;

RNA; gi|291167754|ref|NM\_203289.4| Homo sapiens POU class 5 homeobox 1 (POU5F1), transcript va

int 1, mRNA; gi|116256332|ref|NM\_007289.2| Homo sapiens membrane metallo-endopeptidase (MMI  
L, mRNA; gi|116256343|ref|NM\_139160.2| Homo sapiens DEP domain containing 7 (DEPDC7), transcri  
NA; gi|116256345|ref|NM\_001037954.2| Homo sapiens DIX domain containing 1 (DIXDC1), transcript

;

l, mRNA;

le 6 (B3GALT6), mRNA;

JA;

;

· 1 (SDR42E1), mRNA;

ADC1), transcript variant 1, mRNA;

3), transcript variant 3, mRNA; gi|116284371|ref|NM\_015869.4| Homo sapiens peroxisome proliferato  
vator 1 alpha (PPARGC1A), mRNA;

t variant 3, mRNA; gi|116284381|ref|NM\_001077194.1| Homo sapiens G protein-coupled bile acid rec  
cript variant 3, mRNA; gi|376319258|ref|NR\_046356.1| Homo sapiens glutamate receptor, ionotropic,

ot variant 1, mRNA; gi|116284393|ref|NM\_024729.3| Homo sapiens myosin, heavy chain 14, non-musc  
F1), transcript variant 2, mRNA; gi|116284399|ref|NM\_003387.4| Homo sapiens WAS/WASL interactin  
RNA; gi|116284400|ref|NM\_033196.2| Homo sapiens zinc finger protein 682 (ZNF682), transcript vari  
ariant 1, mRNA; gi|148664241|ref|NM\_138994.3| Homo sapiens contactin associated protein-like 4 (C

ncoding mitochondrial protein, mRNA;

nRNA;

ript variant 1, mRNA; gi|116292175|ref|NM\_001008239.2| Homo sapiens chromosome 18 open readir

cript variant L, mRNA; gi|116295253|ref|NM\_147175.3| Homo sapiens heparan sulfate 6-O-sulfotransf  
r) (ITGA2), mRNA;

Γ2), mRNA;

VA;

A2), mRNA;

rt cytoplasmic tail, 4 (KIR2DS4), mRNA;  
DR4C16), mRNA;  
R4S2), mRNA;

2A1), mRNA;

ref|NM\_020956.2| Homo sapiens periaxin (PRX), transcript variant 1, mRNA;  
t 3, mRNA; gi|116734661|ref|NM\_015227.4| Homo sapiens protein O-fucosyltransferase 2 (POFUT2), t  
ase 1A (DYRK1A), transcript variant 5, mRNA; gi|116734671|ref|NM\_101395.2| Homo sapiens dual-spe  
transcript variant c, mRNA; gi|116734674|ref|NM\_014668.3| Homo sapiens growth regulation by estr  
riant 1, mRNA; gi|116734686|ref|NM\_001077419.1| Homo sapiens transmembrane protein 231 (TME  
mRNA; gi|116734678|ref|NM\_183008.2| Homo sapiens UBX domain protein 11 (UBXN11), transcript  
riant 3, mRNA; gi|116734692|ref|NM\_152988.2| Homo sapiens signal peptide peptidase like 2B (SPPL2  
nt 1, mRNA; gi|116734693|ref|NM\_018107.4| Homo sapiens RNA binding motif protein 23 (RBM23), t

: A3), mRNA;

nt 1, mRNA; gi|188536091|ref|NM\_001127453.1| Homo sapiens deafness, autosomal dominant 5 (DFNB1), transcript variant 3, mRNA; gi|116734852|ref|NM\_000646.2| Homo sapiens amylo-alpha-1, 6-g

58), mRNA;

rotein 1 (HIVEP1), mRNA;

pha-steroid delta 4-dehydrogenase alpha 2) (SRD5A2), mRNA;

), mRNA;

mRNA;

.. elegans) (SMG8), mRNA;

VA;

er 1B7 (non-functional) (SLCO1B7), mRNA;

IPT), mRNA;

STARD10), mRNA;

AT2), nuclear gene encoding mitochondrial protein, mRNA;

RNA;

VA;

RNA;

r 1 (SDR39U1), mRNA;

A;

nt variant 1, mRNA; gi|116875764|ref|NM\_175610.2| Homo sapiens tight junction protein 1 (zona occl

nRNA;

MTHFSD), transcript variant 3, mRNA; gi|226823327|ref|NR\_027489.1| Homo sapiens methenyltetrahy

script variant 2, mRNA; gi|116875843|ref|NM\_024664.2| Homo sapiens phosphopantothenoylecysteine

), mRNA;

rotein ligase 1 (HACE1), mRNA;

ember 2 (ATP8A2), mRNA;

PTPLAD1), mRNA;

int 1, mRNA; gi|117168268|ref|NM\_182791.2| Homo sapiens coiled-coil domain containing 33 (CCDC3

ariant 1, mRNA; gi|117168276|ref|NM\_001077484.1| Homo sapiens solute carrier family 38, member 1

idogene) (NAT8B), mRNA;  
NRNPC), transcript variant 4, mRNA; gi|117189974|ref|NM\_031314.2| Homo sapiens heterogeneous n  
t 3, mRNA; gi|117190261|ref|NM\_015958.2| Homo sapiens DPH5 homolog (S. cerevisiae) (DPH5), tran  
NA; gi|117190332|ref|NM\_014735.3| Homo sapiens PHD finger protein 16 (PHF16), transcript variant

7190397|ref|NM\_033481.3| Homo sapiens F-box protein 9 (FBXO9), transcript variant 3, mRNA; gi|117

NA;

ember 1 (TRPV1), transcript variant 2, mRNA; gi|117306163|ref|NM\_080706.3| Homo sapiens transier

pt variant 2, mRNA; gi|40805839|ref|NM\_005040.2| Homo sapiens prolylcarboxypeptidase (angiotensi  
nRNA; gi|117306171|ref|NM\_001077491.1| Homo sapiens kallikrein-related peptidase 5 (KLK5), transc  
nscript variant 1, mRNA; gi|117306177|ref|NM\_018182.2| Homo sapiens chromosome 17 open readir

er in B-cells 2 (p49/p100) (NFKB2), transcript variant 1, mRNA; gi|117320526|ref|NM\_002502.3| Homo

A;

nRNA;

;

;

; gi|117414151|ref|NM\_001077511.1| Homo sapiens transcription factor 19 (TCF19), transcript variant

!, mRNA; gi|117422432|ref|NM\_001077500.1| Homo sapiens kallikrein-related peptidase 10 (KLK10), t

/APK8IP2), transcript variant 1, mRNA; gi|117446084|ref|NM\_016431.3| Homo sapiens mitogen-activa  
'1B), mRNA;

3D1), transcript variant 1, mRNA; gi|117553579|ref|NM\_003938.5| Homo sapiens adaptor-related pro

9A7), transcript variant 1, mRNA; gi|117553618|ref|NM\_001077516.1| Homo sapiens solute carrier fai

it 1, mRNA; gi|373938461|ref|NM\_001256403.1| Homo sapiens slowmo homolog 2 (Drosophila) (SLMO  
RNA;

15P1), non-coding RNA;

RG9MTD3), mRNA;

nger), member 1 (SLC24A1), transcript variant 1, mRNA; gi|362999410|ref|NM\_001254740.1| Homo sa

variant 2, mRNA; gi|117606359|ref|NM\_015310.3| Homo sapiens pleckstrin and Sec7 domain contain  
riant 1, mRNA; gi|11761620|ref|NM\_021971.1| Homo sapiens GDP-mannose pyrophosphorylase B (GN

RG9MTD1), nuclear gene encoding mitochondrial protein, mRNA;  
D), transcript variant 1, mRNA; gi|117647227|ref|NM\_017678.2| Homo sapiens family with sequence s  
transcript variant 1, mRNA; gi|117676369|ref|NM\_001077654.1| Homo sapiens tumor necrosis factor,

og (yeast) (KRR1), mRNA;  
l, mRNA;  
ript variant 2, mRNA; gi|117938253|ref|NM\_001077441.1| Homo sapiens BCL2-associated transcriptio  
ma, mRNA; gi|117938261|ref|NM\_001077505.1| Homo sapiens tachykinin 4 (hemokinin) (TAC4), tran  
s;

IP4K2B), mRNA;  
IA; gi|117938292|ref|NM\_003724.2| Homo sapiens jerky homolog (mouse) (JRK), transcript variant 1, r

. (EIF4EBP1), mRNA;  
nRNA;  
s;  
VPS37D), mRNA;  
A;  
i|318037499|ref|NM\_001077488.2| Homo sapiens GNAS complex locus (GNAS), transcript variant 6, m  
oding RNA;  
ne encoding mitochondrial protein, mRNA;  
ion-coding RNA;  
main 8 (AGAP8), mRNA;  
main 7 (AGAP7), mRNA;

), mRNA;  
mRNA;  
NA; gi|224465221|ref|NM\_001145524.1| Homo sapiens yippee-like 3 (Drosophila) (YPEL3), transcript v  
encoding mitochondrial protein, transcript variant 3, mRNA; gi|117968346|ref|NM\_017920.3| Homo s  
(S. cerevisiae) (NUF2), transcript variant 1, mRNA; gi|117968352|ref|NM\_031423.3| Homo sapiens NUF  
pt variant 2, mRNA; gi|117968607|ref|NM\_006015.4| Homo sapiens AT rich interactive domain 1A (SW  
2, mRNA; gi|117968550|ref|NM\_003071.3| Homo sapiens helicase-like transcription factor (HLTF), trar  
18 (NUDT18), mRNA;  
ransferase homolog (S. cerevisiae) (ALG9), transcript variant 2, mRNA; gi|118026936|ref|NM\_0010776  
IA;

IA;  
ipt variant 2, mRNA; gi|118136292|ref|NM\_016374.5| Homo sapiens AT rich interactive domain 4B (RI  
2H2), mRNA;

B), mRNA;  
nt 1, mRNA; gi|118197278|ref|NM\_016543.2| Homo sapiens sialic acid binding Ig-like lectin 7 (SIGLEC7  
27A), mRNA;  
27C), mRNA;



D2), mRNA;  
VAT1), mRNA;

1), mRNA;  
mRNA;

og (yeast) (UTP18), mRNA;  
script variant 1, mRNA; gi|118402577|ref|NM\_001078645.1| Homo sapiens cell division cycle 16 homo  
IA;  
;

OB), mRNA;

IA;  
riant 2, mRNA; gi|118403317|ref|NM\_025124.2| Homo sapiens transmembrane protein 134 (TMEM13  
, transcript variant 2, mRNA; gi|118421088|ref|NM\_001271.3| Homo sapiens chromodomain helicase I  
;  
, mRNA;  
1, mRNA; gi|118421079|ref|NM\_001035507.2| Homo sapiens ATP/GTP binding protein-like 5 (AGBL5),

A; gi|118442827|ref|NM\_001079515.1| Homo sapiens tubulin folding cofactor E (TBCE), transcript vari  
39217903|ref|NM\_001127897.1| Homo sapiens RPGRIP1-like (RPGRIP1L), transcript variant 2, mRNA;

;  
1), mRNA;  
amidase) 2B (ASAH2B), mRNA;

TD1), mRNA;

nRNA;

ot variant 1, mRNA; gi|304376293|ref|NM\_001195139.1| Homo sapiens component of oligomeric golg

RNA; gi|118498355|ref|NM\_001079521.1| Homo sapiens kinectin 1 (kinesin receptor) (KTN1), transcri  
us laevis) (DACT1), transcript variant 2, mRNA; gi|118498369|ref|NM\_016651.5| Homo sapiens dapper  
A1), transcript variant 1, mRNA; gi|118498365|ref|NM\_001079519.1| Homo sapiens family with seque

eolar RNA;  
it 2, mRNA; gi|118572578|ref|NM\_138468.4| Homo sapiens islet cell autoantigen 1,69kDa-like (ICA1L),  
VA; gi|209693425|ref|NM\_001135937.1| Homo sapiens SMAD family member 2 (SMAD2), transcript v

RAMP2), mRNA;

RAMP3), mRNA;

ear gene encoding mitochondrial protein, mRNA;

3572600|ref|NM\_016936.3| Homo sapiens ubinuclein 1 (UBN1), transcript variant 1, mRNA;

;

(ABCC8), mRNA;

3 (SLC18A3), mRNA;

iber 1 (SLC29A1), nuclear gene encoding mitochondrial protein, transcript variant 3, mRNA; gi|1185822|

er 12 (KCNJ12), mRNA;

'FKFB1), mRNA;

; protein 2 beta) (TFAP2B), mRNA;

COQ3), mRNA;

nRNA;

8 (CPAMD8), mRNA;

;

1, mRNA; gi|68342035|ref|NM\_004241.2| Homo sapiens jumonji domain containing 1C (JMJD1C), tran

ript variant 2, mRNA; gi|118600990|ref|NM\_001079537.1| Homo sapiens trafficking protein particle cc

nRNA; gi|118640871|ref|NM\_053017.3| Homo sapiens ADP-ribosyltransferase 5 (ART5), transcript vari

nRNA; gi|172072591|ref|NM\_005080.3| Homo sapiens X-box binding protein 1 (XBP1), transcript variant  
PPP1R14C), mRNA;

ig 4 (TMTC4), transcript variant 2, mRNA; gi|118766329|ref|NM\_032813.2| Homo sapiens transmembr  
nRNA;

mber B (ANP32B), mRNA;

t 1, mRNA; gi|118766334|ref|NM\_001079670.1| Homo sapiens calcium binding protein 39-like (CAB39)  
transcript variant 1, mRNA; gi|118918396|ref|NM\_014923.3| Homo sapiens fibronectin type III domain c  
transcript variant 2, mRNA; gi|118918406|ref|NM\_182914.2| Homo sapiens spectrin repeat containing, r

ript variant 1, mRNA; gi|333805638|ref|NR\_038270.1| Homo sapiens SHANK-associated RH domain int

918427|ref|NM\_001986.2| Homo sapiens ets variant 4 (ETV4), transcript variant 1, mRNA;  
RNA;

rase 6 (core 3 synthase) (B3GNT6), mRNA;

53B), mRNA;

RNA;

OR56A3), mRNA;

.20860|ref|NM\_198900.2| Homo sapiens formin-like 3 (FMNL3), transcript variant 2, mRNA;

20891|ref|NM\_001079685.1| Homo sapiens KIAA1191 (KIAA1191), transcript variant 3, mRNA; gi|1191

iant 2, mRNA; gi|119220551|ref|NM\_152744.3| Homo sapiens sidekick cell adhesion molecule 1 (SDK1  
LC3), mRNA;

ibosylaminoimidazole succinocarboxamide synthetase (PAICS), transcript variant 3, mRNA; gi|11922055

P4F8), mRNA;

L, mRNA; gi|119220574|ref|NM\_001079518.1| Homo sapiens mediator complex subunit 24 (MED24), t  
NA;

script variant 2, mRNA; gi|93277082|ref|NM\_001040179.1| Homo sapiens melanin-concentrating horr  
variant 2, mRNA; gi|119220595|ref|NM\_016260.2| Homo sapiens IKAROS family zinc finger 2 (Helios) (I

[MS4A14), transcript variant 1, mRNA; gi|119226219|ref|NM\_001079692.1| Homo sapiens membrane-  
nt 1, mRNA; gi|119226226|ref|NM\_001079691.1| Homo sapiens NEDD4 binding protein 2-like 1 (N4BP  
cript variant 2, mRNA; gi|119226221|ref|NM\_015500.1| Homo sapiens C2 calcium-dependent domain

;

IP), mRNA;

i|208022657|ref|NM\_001135602.1| Homo sapiens galactosidase, beta 1 (GLB1), transcript variant 3, mRNA;

NA;

.R1), transcript variant 1, mRNA; gi|290654343|ref|NM\_001172633.1| Homo sapiens oxidized low dens

variant 1, mRNA; gi|341916264|ref|XM\_003403388.1| PREDICTED: Homo sapiens NLR family, apoptosi

variant 4, mRNA; gi|119393881|ref|NM\_001033053.2| Homo sapiens NLR family, pyrin domain contain  
RT1), mRNA;

ART3), mRNA;

: 2, mRNA; gi|119393886|ref|NM\_006427.3| Homo sapiens SIVA1, apoptosis-inducing factor (SIVA1), tr

NA; gi|119393890|ref|NM\_000152.3| Homo sapiens glucosidase, alpha; acid (GAA), transcript variant 1

A;

ref|NM\_001198963.1| Homo sapiens fukutin (FKTN), transcript variant 3, mRNA; gi|119395711|ref|NM

;

EB1), transcript variant 1, mRNA; gi|119395719|ref|NM\_001079534.1| Homo sapiens cytoplasmic pol

cript variant 1, mRNA; gi|119395732|ref|NM\_004459.6| Homo sapiens bromodomain PHD finger tran:

119395735|ref|NM\_000208.2| Homo sapiens insulin receptor (INSR), transcript variant 1, mRNA;

i|119395741|ref|NM\_000210.2| Homo sapiens integrin, alpha 6 (ITGA6), transcript variant 2, mRNA;

/, member 1 (episodic ataxia with myokymia) (KCNA1), mRNA;

riant 1, mRNA; gi|380503844|ref|NR\_046453.1| Homo sapiens chloride channel, voltage-sensitive 1 (C

19466531|ref|NM\_001079823.1| Homo sapiens laminin, alpha 2 (LAMA2), transcript variant 2, mRNA;

nscript variant 1, mRNA; gi|324711032|ref|NM\_152720.2| Homo sapiens NIMA (never in mitosis gene

896|ref|NM\_133625.3| Homo sapiens synapsin II (SYN2), transcript variant IIa, mRNA;

, nuclear gene encoding mitochondrial protein, mRNA;

ranscript variant 1, mRNA; gi|309747096|ref|NM\_001198543.1| Homo sapiens HYDIN, axonemal centr

mRNA;

; gi|119709821|ref|NM\_017766.3| Homo sapiens castor zinc finger 1 (CASZ1), transcript variant 2, mRNA (CCT6P1), non-coding RNA;  
YP11B2), nuclear gene encoding mitochondrial protein, mRNA;

RNA;

), mRNA;

RNA; gi|119943103|ref|NM\_004380.2| Homo sapiens CREB binding protein (CREBBP), transcript variant 2, mRNA; gi|119943117|ref|NM\_001031681.2| Homo sapiens cystinosin, lysosomal cystine transporter 1, mRNA; gi|255308874|ref|NM\_001163817.1| Homo sapiens 7-dehydrocholesterol reductase (DHCR7, LOC728643), non-coding RNA;  
OR4F29), mRNA;  
0446|ref|NM\_001184704.1| Homo sapiens glycogenin 2 (GYG2), transcript variant 5, mRNA; gi|119943

;

gene encoding mitochondrial protein, mRNA;

mitochondrial protein, transcript variant 1, mRNA; gi|383087729|ref|NM\_001257342.1| Homo sapiens BDNF (NDST4), mRNA;  
;

gene encoding mitochondrial protein, mRNA;

IA;

variant 4, mRNA; gi|120431742|ref|NM\_001079870.1| Homo sapiens huntingtin-associated protein 1 (HAP1), transcript variant 2, mRNA; gi|120432043|ref|NM\_006113.4| Homo sapiens vav 3 guanine nucleotide exchange factor 3, mRNA;

transcript variant 2, mRNA; gi|120433598|ref|NM\_001298.2| Homo sapiens cyclic nucleotide gated channel 1, mRNA;

Utp20 (yeast) (UTP20), mRNA;

RNA;

gi|120659784|ref|NM\_001079881.1| Homo sapiens protein kinase D2 (PRKD2), transcript variant 3, mRNA;

mRNA; gi|120953263|ref|NM\_001008738.2| Homo sapiens folliculin interacting protein 1 (FNIP1), tra  
), mRNA;  
), mRNA;  
l, mRNA; gi|289063465|ref|NM\_001172086.1| Homo sapiens peroxisomal biogenesis factor 2 (PEX2), t

01|ref|NM\_001079872.1| Homo sapiens cullin 4B (CUL4B), transcript variant 2, mRNA;  
3 (CEACAM3), mRNA;

DR7E24), mRNA;

;

519|ref|NM\_033282.3| Homo sapiens opsin 4 (OPN4), transcript variant 1, mRNA;

IR2), non-coding RNA;  
mRNA;  
A;  
mRNA;  
mRNA;

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)), mRNA;  
mRNA;  
mRNA;  
mRNA;  
mRNA;  
mRNA;  
mRNA;  
mRNA;  
mRNA;

ranscript variant B, mRNA; gi|122056475|ref|NM\_001080125.1| Homo sapiens caspase 8, apoptosis-re  
;  
IA; gi|122056616|ref|NM\_001080115.1| Homo sapiens LIM domain binding 3 (LDB3), transcript varian  
12056627|ref|NM\_001080123.1| Homo sapiens prion protein (PRNP), transcript variant 5, mRNA; gi|12

122114640|ref|NM\_032924.3| Homo sapiens zinc finger protein 3 (ZNF3), transcript variant 2, mRNA;

rRNA;

Arabidopsis) (COPS7B), mRNA;  
RNA;

mRNA;

RNA;

ative) (PPM1N), mRNA;  
ule 18 (CEACAM18), mRNA;

RNA;

P), mRNA;

(DLGAP3), mRNA;  
RNA;

B), mRNA;

ibranes and microtubules (WHAMM), mRNA;

), mRNA;

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A;

ase, antitrypsin), member 11 (SERPINA11), mRNA;

CSM4), mRNA;

), mRNA;

, mRNA;  
=SD2B), mRNA;  
A;  
RNA;

C (PPP1R1C), mRNA;

RNA;  
3 1 (MBOAT1), mRNA;

IK8), mRNA;

RNA;

A;

;

2, mRNA; gi|122939143|ref|NM\_004835.3| Homo sapiens angiotensin II receptor, type 1 (AGTR1), tran  
variant 3, mRNA; gi|122939150|ref|NM\_001080157.1| Homo sapiens Rho GTPase activating protein 9  
gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|122939152|ref|NM\_182977.2| Hc  
RNA;

ant A, mRNA; gi|122939169|ref|NM\_181703.2| Homo sapiens gap junction protein, alpha 5, 40kDa (GJ



ct variant 2, mRNA; gi|122939170|ref|NM\_005497.3| Homo sapiens gap junction protein, gamma 1, 45  
l. cerevisiae)-like (SC5DL), transcript variant 1, mRNA; gi|122939200|ref|NM\_001024956.2| Homo sapi  
IA; gi|122939201|ref|NM\_001080378.1| Homo sapiens PARK2 co-regulated (PACRG), transcript variant

;  
IT61A), mRNA;

member 7 (SLC12A7), mRNA;  
, mRNA;

e domains 2 (TMEFF2), mRNA;

RNA; gi|124028511|ref|NM\_145054.4| Homo sapiens WD repeat domain 16 (WDR16), transcript varia  
cript variant 2, mRNA; gi|124028514|ref|NM\_173521.3| Homo sapiens chromosome 9 open reading fr  
ncogene spi1 (SPI1), transcript variant 1, mRNA; gi|124028516|ref|NM\_003120.2| Homo sapiens splee  
A;

gment epithelium derived factor), member 2 (SERPINF2), transcript variant 1, mRNA; gi|260064049|ref|  
, mRNA; gi|12408666|ref|NM\_002371.2| Homo sapiens mal, T-cell differentiation protein (MAL), trans  
; cytoplasmic tail, 4 (KIR2DL4), transcript variant 1, mRNA; gi|124107603|ref|NM\_001080772.1| Homo

inscript variant 1, mRNA; gi|33086946|ref|NM\_052849.2| Homo sapiens chromosome 15 open reading

;

variant 2, mRNA; gi|124256475|ref|NM\_001346.2| Homo sapiens diacylglycerol kinase, gamma 90kDa  
1), transcript variant 2, mRNA; gi|298229004|ref|NM\_001190266.1| Homo sapiens ATG16 autophagy r

(CRNKL1), mRNA;

.B), transcript variant 1, mRNA; gi|294774575|ref|NM\_001177563.1| Homo sapiens protein phosphata

RB2), transcript variant 1, mRNA; gi|124294884|ref|NM\_000813.2| Homo sapiens gamma-aminobutyri

LB), mRNA;

.1P1), non-coding RNA;

), mRNA;

t variant 7, mRNA; gi|124381124|ref|NM\_001080951.1| Homo sapiens pleiomorphic adenoma gene-li

if, 20 (ADAMTS20), mRNA;

9246|ref|NM\_031429.1| Homo sapiens retbindin (RTBDN), transcript variant 2, mRNA;

RNA;

, mRNA; gi|124494232|ref|NM\_013352.2| Homo sapiens dermatan sulfate epimerase (DSE), transcript

237|ref|NM\_001080779.1| Homo sapiens myosin IC (MYO1C), transcript variant 1, mRNA; gi|1244942

and leucine zipper containing 1 (APPL1), mRNA;

;

NK13), mRNA;

i-coding RNA;

5A), transcript variant 2, mRNA; gi|150417968|ref|NM\_001099405.1| Homo sapiens sodium channel, v  
n-coding RNA;

l, mRNA;

inscript variant 3, mRNA; gi|12545380|ref|NM\_022581.1| Homo sapiens chorionic somatomammotrop

ranscript variant 2, mRNA; gi|125625325|ref|NM\_004726.2| Homo sapiens RALBP1 associated Eps dom

2, mRNA; gi|125625327|ref|NM\_006362.4| Homo sapiens nuclear RNA export factor 1 (NXF1), transcrip

script variant 2, mRNA; gi|125625349|ref|NM\_001790.3| Homo sapiens cell division cycle 25 homolog

4), transcript variant 1, mRNA; gi|125625351|ref|NM\_014879.3| Homo sapiens purinergic receptor P2Y

528635|ref|NM\_182507.2| Homo sapiens keratin 80 (KRT80), transcript variant 1, mRNA;  
RNA;

with TM and ITIM domains), member 3 (LILRB3), transcript variant 1, mRNA; gi|125661044|ref|NM\_006196.3| Homo sapiens LILRB3 transcript variant 2, mRNA; gi|241982798|ref|NR\_027873.1| Homo sapiens GC-rich sequence DNA-binding factor 1, mRNA;

RNA; gi|125656154|ref|NM\_025138.3| Homo sapiens proline and serine rich 1 (PROSER1), transcript v  
A;

transcript variant 2, mRNA; gi|49574493|ref|NM\_138576.2| Homo sapiens B-cell CLL/lymphoma 11B (zinc  
 anscript variant 2, mRNA; gi|125987583|ref|NM\_002836.3| Homo sapiens protein tyrosine phosphatase  
 TM and ITIM domains), member 4 (LILRB4), transcript variant 1, mRNA; gi|125987587|ref|NM\_001081  
 TM and ITIM domains), member 5 (LILRB5), transcript variant 2, mRNA; gi|125987592|ref|NM\_001081  
 member 5 (SLC4A5), transcript variant a, mRNA; gi|125987594|ref|NM\_133478.2| Homo sapiens solut

2), mRNA;  
CPSF4), transcript variant 2, mRNA; gi|125987601|ref|NM\_006693.2| Homo sapiens cleavage and poly  
4548|ref|NM\_001912.4| Homo sapiens cathepsin L1 (CTSL1), transcript variant 1, mRNA;  
t 1, mRNA; gi|125988388|ref|NM\_015167.2| Homo sapiens jumonji domain containing 6 (JMJD6), tran

RNA;  
| nucleolar RNA;  
| nucleolar RNA;  
nucleolar RNA;  
| nucleolar RNA;  
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ucleolar RNA;  
l nucleolar RNA;  
l nucleolar RNA;  
ucleolar RNA;  
cript variant 1, mRNA; gi|126032344|ref|NM\_152552.2| Homo sapiens sterile alpha motif domain con  
l nucleolar RNA;  
l nucleolar RNA;  
ucleolar RNA;  
i|345842487|ref|NM\_001243996.1| Homo sapiens ryanodine receptor 3 (RYR3), transcript variant 2, n  
  
l nucleolar RNA;

sferase) (GATM), nuclear gene encoding mitochondrial protein, mRNA;

transcript variant 2, mRNA; gi|126091080|ref|NM\_014569.3| Homo sapiens zinc finger with KRAB and SCAN domain 2, mRNA; gi|126091129|ref|NM\_001081573.1| Homo sapiens GRB2-associated binding protein 3 (GAB3), mRNA;

;

ve)-like 1 (PKHD1L1), mRNA;

transcript variant 3, mRNA; gi|126091039|ref|NM\_001081562.1| Homo sapiens dystrophin myotonic protein kinase domain D, mRNA; gi|126091077|ref|NM\_058206.3| Homo sapiens sperm associated antigen 11B (SPAG11B), protein family member 1 (HERC1), mRNA;

ve) (PKHD1), transcript variant 2, mRNA; gi|126131101|ref|NM\_138694.3| Homo sapiens polycystic kidney disease 2, mRNA;

DL2), mRNA;

peptide 1-like (GNB1L), mRNA;

26273511|ref|NM\_020975.4| Homo sapiens ret proto-oncogene (RET), transcript variant 2, mRNA;

126|ref|NM\_014057.3| Homo sapiens osteoglycin (OGN), transcript variant 3, mRNA;

nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|126273538|ref|NM\_201261.1|

transcript variant 1, mRNA; gi|126273545|ref|NM\_001081686.1| Homo sapiens glucose-6-phosphatase, catalytic, 2

transcript 1, mRNA; gi|126273574|ref|NM\_001077427.2| Homo sapiens LY6/PLAUR domain containing 1 (LYPD1), mRNA;

nic (GAPDHS), mRNA;

1|ref|NM\_001081753.1| Homo sapiens elastin (ELN), transcript variant 3, mRNA; gi|126352445|ref|NM\_001081753.1| Homo sapiens elastin (ELN), transcript variant 3, mRNA; gi|126362948|ref|NM\_006922.3| Homo sapiens sodium channel, voltage-gated, type 1, member 1 (LILRB1), transcript variant 3, mRNA; gi|126362956|ref|NM\_001081753.1| Homo sapiens sodium channel, voltage-gated, type 1, member 1 (LILRB1), transcript variant 3, mRNA; gi|126362968|ref|NM\_207481.3| Homo sapiens NCK-associated protein 5 (NCKAP5), transcript variant 1, mRNA;

IA;

6), mRNA;

15), mRNA;

transcript variant 1, mRNA; gi|126365794|ref|NM\_001017425.2| Homo sapiens potassium channel, subunit 1, mRNA;

, nuclear gene encoding mitochondrial protein, mRNA;

TS2), mRNA;

nuclear gene encoding mitochondrial protein, mRNA;

IA;

A;

A; gi|126722742|ref|NM\_001082480.1| Homo sapiens zinc finger protein 623 (ZNF623), transcript vari

ript variant 2, mRNA; gi|122937391|ref|NM\_001080543.1| Homo sapiens chromosome 19 open readir

mRNA;

1 (DHRS4L1), mRNA;

:OX3), mRNA;

mRNA;

ie encoding mitochondrial protein, mRNA;

, mRNA;

risiae) (HFM1), mRNA;

1, mRNA; gi|224548931|ref|NM\_001145640.1| Homo sapiens zinc finger RNA binding protein 2 (ZFR2)

2, mRNA; gi|130490867|ref|NM\_138789.3| Homo sapiens PIH1 domain containing 2 (PIH1D2), transcri

ember 3 (CAMSAP3), transcript variant 2, mRNA; gi|130486296|ref|NM\_001080429.2| Homo sapiens

1), mRNA;

NA; gi|130978671|ref|NM\_001081976.1| Homo sapiens adenosine A3 receptor (ADORA3), transcript v

it variant 2, mRNA; gi|130978955|ref|NM\_001082486.1| Homo sapiens adrenocortical dysplasia homo

riant 1, mRNA; gi|332309211|ref|NM\_001206864.1| Homo sapiens STE20-related kinase adaptor beta

ATRX), transcript variant 2, mRNA; gi|130979463|ref|NM\_000489.3| Homo sapiens alpha thalassemia/

gi|130979953|ref|NM\_001082534.1| Homo sapiens carbonic anhydrase X (CA10), transcript variant 3, r

130979980|ref|NM\_001772.3| Homo sapiens CD33 molecule (CD33), transcript variant 1, mRNA; gi|29

mRNA;

. pombe) (MIS12), mRNA;

;

C4L), mRNA;

227|ref|NM\_002274.3| Homo sapiens keratin 13 (KRT13), transcript variant 2, mRNA;

tif)-like), member A5 (FAM19A5), transcript variant 1, mRNA; gi|131888435|ref|NM\_015381.5| Homo  
t 1, mRNA; gi|131889096|ref|NM\_001082973.1| Homo sapiens cancer susceptibility candidate 1 (CASC  
riant 3, mRNA; gi|131888820|ref|NM\_001033551.2| Homo sapiens target of myb1-like 2 (chicken) (TO  
;

ript variant 1, mRNA; gi|131888280|ref|NM\_001082970.1| Homo sapiens chromosome 11 open readir

;

IA;

SLC27A3), mRNA;

anscript variant 3, mRNA; gi|100913201|ref|NM\_030653.3| Homo sapiens DEAD/H (Asp-Glu-Ala-Asp/H

2566534|ref|NM\_012188.4| Homo sapiens forkhead box I1 (FOXI1), transcript variant 1, mRNA;

t 4 (CACNA2D4), mRNA;

ript variant 2, mRNA; gi|132566683|ref|NM\_005505.4| Homo sapiens scavenger receptor class B, mer  
, nuclear gene encoding mitochondrial protein, mRNA;

nRNA; gi|132626641|ref|NM\_033011.2| Homo sapiens plasminogen activator, tissue (PLAT), transcript

T1A6), transcript variant 1, mRNA; gi|45827766|ref|NM\_205862.1| Homo sapiens UDP glucuronosyltra

P1), mRNA;

A;

nine rich 2 (ZRSR2), mRNA;

.NA;

ig 3 (LRFN3), mRNA;

aining 2 (OGFOD2), mRNA;

2), transcript variant 2, mRNA; gi|72534731|ref|NM\_001031719.1| Homo sapiens dehydrogenase/redu

RNA;

, mRNA;

IA;

778979|ref|NM\_001005354.2| Homo sapiens proline rich 13 (PRR13), transcript variant 3, mRNA;

5A3), mRNA;

125810|ref|NM\_002270.3| Homo sapiens transportin 1 (TNPO1), transcript variant 1, mRNA;

peptide 4 (GNB4), mRNA;

ormone) (GNRH1), transcript variant 1, mRNA; gi|133908611|ref|NM\_001083111.1| Homo sapiens gor

1, mRNA; gi|133908620|ref|NM\_001083116.1| Homo sapiens perforin 1 (pore forming protein) (PRF1

ator of chromatin, subfamily d, member 1 (SMARCD1), transcript variant 2, mRNA; gi|133908628|ref|N

GFBR2), transcript variant 2, mRNA; gi|133908632|ref|NM\_001024847.2| Homo sapiens transforming

homolog, Drosophila); translocated to, 6 (MLLT6), mRNA;

ar gene encoding mitochondrial protein, mRNA;

INA;

AU2), mRNA;

| nucleolar RNA;

OX2), transcript variant 1, mRNA; gi|133925800|ref|NM\_001082577.1| Homo sapiens RNA binding pro

if, 7 (ADAMTS7), mRNA;

like 3 (EMR3), mRNA;



nily) (TCN1), mRNA;  
(PSMC3), mRNA;

| nucleolar RNA;  
| nucleolar RNA;

| nucleolar RNA;  
| nucleolar RNA;  
| nucleolar RNA;  
NA;

| nucleolar RNA;  
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| nucleolar RNA;  
| nucleolar RNA;  
| nucleolar RNA;  
| nucleolar RNA;  
| nucleolar RNA;  
| nucleolar RNA;

mber 7 (SLC2A7), mRNA;

RNA; gi|134053863|ref|NM\_203355.2| Homo sapiens CTAGE family, member 5 (CTAGE5), transcript va  
lear gene encoding mitochondrial protein, mRNA;

A;  
factor of hepatocyte nuclear factor 1 alpha (TCF1) 2 (PCBD2), mRNA;

i, short cytoplasmic tail, 1 (KIR3DS1), mRNA;

ranscript variant 1, mRNA; gi|134133264|ref|NM\_033086.2| Homo sapiens FYVE, RhoGEF and PH domain

transcript variant 2, non-coding RNA; gi|134133219|ref|NM\_001083537.1| Homo sapiens family with  
A; gi|226246534|ref|NM\_001146189.1| Homo sapiens zinc finger protein 407 (ZNF407), transcript vari

iant 2, mRNA; gi|134133245|ref|NM\_001083535.1| Homo sapiens centrosomal protein 57kDa-like 1 (C

RNA; gi|134142060|ref|NM\_145279.4| Homo sapiens MOB kinase activator 3C (MOB3C), transcript var  
(ABCC1), mRNA;

ipt variant 2, mRNA; gi|134142812|ref|NM\_001083589.1| Homo sapiens E2F transcription factor 5, p1  
A; gi|134142821|ref|NM\_001083330.1| Homo sapiens zinc finger protein 133 (ZNF133), transcript vari

NA;

P1), transcript variant 2, mRNA; gi|134152715|ref|NM\_004703.4| Homo sapiens rabaptin, RAB GTPase  
| nucleolar RNA;

| nucleolar RNA;  
, transcript variant 2, mRNA; gi|134152724|ref|NM\_005012.2| Homo sapiens receptor tyrosine kinase-

A), mRNA;  
ariant 1, mRNA; gi|134152679|ref|NM\_006561.3| Homo sapiens CUGBP, Elav-like family member 2 (CUGBP2), mRNA;  
| nucleolar RNA;  
| nucleolar RNA;

| nucleolar RNA;  
t 1, mRNA; gi|134152682|ref|NM\_001083590.1| Homo sapiens transmembrane protein 214 (TMEM214), mRNA;

IGN), transcript variant 2, mRNA; gi|134244279|ref|NM\_176787.4| Homo sapiens phosphatidylinositol 3-kinase, gamma cytoplasmic tail, 3 (KIR3DL3), mRNA;  
nal antibodies 133.2 and 96.5 (MFI2), transcript variant 2, mRNA; gi|302393542|ref|NM\_005929.5| Homo sapiens, mRNA;

mRNA;

DCC3), mRNA;

), mRNA;

mRNA;  
1465|ref|NM\_001083602.1| Homo sapiens patched 1 (PTCH1), transcript variant 1a, mRNA; gi|134254465|ref|NM\_001083602.1| Homo sapiens patched 1 (PTCH1), transcript variant 1a, mRNA;

porters), member 1 (SLC12A1), transcript variant 1, mRNA; gi|296317277|ref|NM\_001184832.1| Homo sapiens, mRNA;  
(RIMKLB), mRNA;

60), transcript variant 2, mRNA; gi|134254454|ref|NM\_001083601.1| Homo sapiens N(alpha)-acetyltransferase 1, mRNA;

ng cytoplasmic tail, 1 (KIR3DL1), mRNA; gi|341916305|ref|XM\_003403406.1| PREDICTED: Homo sapiens, mRNA;

t variant 4, mRNA; gi|134284353|ref|NM\_031968.2| Homo sapiens nuclear prelamin A recognition factor 1, mRNA;

member 7 (SLC4A7), mRNA;

), mRNA;

3 1 (AGPHD1), transcript variant 1, mRNA; gi|134288901|ref|NM\_001083612.1| Homo sapiens aminoglycoside phosphotransferase 1, mRNA; gi|134288851|ref|NM\_194280.3| Homo sapiens transmembrane protein 219 (TMEM219), mRNA;  
11 (NUDT11), mRNA;

nRNA;

52), transcript variant 2, non-coding RNA; gi|134288883|ref|NM\_001083614.1| Homo sapiens glutamyl tRNA synthetase, gamma cytoplasmic tail, 2 (KIR2DL2), mRNA;

), mRNA;

nRNA; gi|134304845|ref|NM\_001083617.1| Homo sapiens RB1-inducible coiled-coil 1 (RB1CC1), transcript variant 1, mRNA;

cript variant 2, mRNA; gi|134304850|ref|NM\_001083620.1| Homo sapiens glutamate receptor, ionotr

oline), member 7 (SLC6A7), mRNA;

4F2), mRNA;

gi|256017201|ref|NM\_001164276.1| Homo sapiens zinc finger protein 44 (ZNF44), transcript variant 1  
oding RNA;

rRNA;

;

icetylgalactosaminide alpha-2,6-sialyltransferase 5 (ST6GALNAC5), mRNA;

nRNA;

IL2), mRNA;

), mRNA;

ranscript variant short, mRNA; gi|13699810|ref|NM\_023034.1| Homo sapiens Wolf-Hirschhorn syndror  
13kDa (NDUFA5), nuclear gene encoding mitochondrial protein, mRNA;  
.17), mRNA;

ipt variant 2, mRNA; gi|138175846|ref|NM\_001083335.1| Homo sapiens zinc finger protein 112 homol

IA;

MS4A8B), mRNA;

:25A18), nuclear gene encoding mitochondrial protein, mRNA;

), mRNA;

ript variant 2, mRNA; gi|139394578|ref|NM\_001083621.1| Homo sapiens zinc finger and BTB domain c

nRNA;

), mRNA;

|356582256|ref|NM\_001252197.1| Homo sapiens iroquois homeobox 5 (IRX5), transcript variant 2, ml

1D9), mRNA;

: 1, mRNA; gi|308522757|ref|NM\_001197242.1| Homo sapiens testis specific protein, Y-linked 1 (TSPY1

.A (ANKS1A), mRNA;  
US2), transcript variant 2, mRNA; gi|140161497|ref|NM\_001033602.2| Homo sapiens microtubule associated domain containing 2 (WFIKKN2), mRNA;

gi|140560918|ref|NM\_003803.3| Homo sapiens myomesin 1, 185kDa (MYOM1), transcript variant 1, mRNA;

nRNA;

CG5), mRNA;

t variant 2, mRNA; gi|209862892|ref|NM\_001136046.1| Homo sapiens zinc finger, MYND-type containing 1 (POLR3GL), mRNA;

ID6), mRNA;

NA; gi|14165382|ref|NM\_031860.1| Homo sapiens protocadherin alpha 10 (PCDHA10), transcript variant 1, mRNA;  
gi|14165393|ref|NM\_031849.1| Homo sapiens protocadherin alpha 6 (PCDHA6), transcript variant 3, mRNA;  
gi|14717404|ref|NM\_018902.3| Homo sapiens protocadherin alpha 11 (PCDHA11), transcript variant 1, mRNA;  
gi|14165391|ref|NM\_031864.1| Homo sapiens protocadherin alpha 12 (PCDHA12), transcript variant 1, mRNA;  
gi|14165396|ref|NM\_031865.1| Homo sapiens protocadherin alpha 13 (PCDHA13), transcript variant 1, mRNA;  
gi|14165401|ref|NM\_031411.1| Homo sapiens protocadherin alpha 1 (PCDHA1), transcript variant 3, mRNA;  
gi|14165403|ref|NM\_018905.2| Homo sapiens protocadherin alpha 2 (PCDHA2), transcript variant 1, mRNA;  
gi|14165409|ref|NM\_031497.1| Homo sapiens protocadherin alpha 3 (PCDHA3), transcript variant 2, mRNA;  
gi|14165412|ref|NM\_031500.1| Homo sapiens protocadherin alpha 4 (PCDHA4), transcript variant 2, mRNA;  
gi|14165415|ref|NM\_031501.1| Homo sapiens protocadherin alpha 5 (PCDHA5), transcript variant 2, mRNA;  
gi|14165417|ref|NM\_018910.2| Homo sapiens protocadherin alpha 7 (PCDHA7), transcript variant 1, mRNA;  
gi|14165420|ref|NM\_018911.2| Homo sapiens protocadherin alpha 8 (PCDHA8), transcript variant 1, mRNA;  
gi|14717405|ref|NM\_014005.3| Homo sapiens protocadherin alpha 9 (PCDHA9), transcript variant 2, mRNA;

ibitor) (SPINK2), mRNA;

(POLR3C), mRNA;

mRNA;

nRNA;

ient) (TNP1), mRNA;

NA;  
on-coding RNA;

1 (PLEKHO1), mRNA;

19), mRNA;

RNA;

cript variant 2, mRNA; gi|7524013|ref|NM\_002782.3| Homo sapiens pregnancy specific beta-1-glycopri

, mRNA;

cript variant 1, mRNA; gi|41281950|ref|NM\_181356.1| Homo sapiens suppressor of Ty 3 homolog (S. c  
ie domain (TM) and short cytoplasmic domain, (semaphorin) 4F (SEMA4F), mRNA;  
G9), non-coding RNA;

ne), member 10, pseudogene (SLC6A10P), non-coding RNA;  
NA;  
RNA;  
protein (mouse) binding protein, 104kDa (MTBP), mRNA;

2), mRNA;

NA;

GRL2), mRNA;

;

L1), mRNA;

og (*S. cerevisiae*) (CTR9), mRNA;

mRNA;  
member A1 (SPANXA1), mRNA;

ipt variant 2, mRNA; gi|14196446|ref|NM\_018913.2| Homo sapiens protocadherin gamma subfamily A  
ipt variant 1, mRNA; gi|14196450|ref|NM\_032091.1| Homo sapiens protocadherin gamma subfamily A  
ipt variant 1, mRNA; gi|14196456|ref|NM\_032094.1| Homo sapiens protocadherin gamma subfamily A  
variant 2, mRNA; gi|14196453|ref|NM\_018912.2| Homo sapiens protocadherin gamma subfamily A, 1  
variant 1, mRNA; gi|14196461|ref|NM\_032009.1| Homo sapiens protocadherin gamma subfamily A, 2  
variant 2, mRNA; gi|14589879|ref|NM\_018916.3| Homo sapiens protocadherin gamma subfamily A, 3  
variant 1, mRNA; gi|14196467|ref|NM\_032053.1| Homo sapiens protocadherin gamma subfamily A, 4  
variant 1, mRNA; gi|14196470|ref|NM\_032054.1| Homo sapiens protocadherin gamma subfamily A, 5  
variant 1, mRNA; gi|14196473|ref|NM\_032086.1| Homo sapiens protocadherin gamma subfamily A, 6  
variant 2, mRNA; gi|14196475|ref|NM\_018920.2| Homo sapiens protocadherin gamma subfamily A, 7

), mRNA;  
A;

ember A2 (SLC35A2), transcript variant 3, mRNA; gi|5032210|ref|NM\_005660.1| Homo sapiens solute  
l, mRNA;

d scaffold protein (GRASP), mRNA;

10 (NUDT10), mRNA;

KCTD14), mRNA;

cleolar RNA;

oding mitochondrial protein, mRNA;

ding RNA;

olar RNA;

nRNA;

;

mRNA;

HD3), mRNA;

ir gene encoding mitochondrial protein, mRNA;

l), mRNA;

A;

ogene (OR7E91P), non-coding RNA;

mRNA;

lAC2), mRNA;

NA;

ssociated factor, 210kDa-like (TAF1L), mRNA;

rRNA;

nRNA;

[MYLPF), mRNA;

;  
;

TTY15), non-coding RNA;

nRNA;

A;

;

(CNEP1R1), mRNA;

ptosis regulator (ECSCR), mRNA;

RD1A), mRNA;

l2D), mRNA;

RNA;

, mRNA;

lA;

;

variant 1, mRNA; gi|14270482|ref|NM\_014004.2| Homo sapiens protocadherin gamma subfamily A, 8  
variant 2, mRNA; gi|14270485|ref|NM\_018921.2| Homo sapiens protocadherin gamma subfamily A, 9  
variant 1, mRNA; gi|14270489|ref|NM\_032095.1| Homo sapiens protocadherin gamma subfamily B, 1  
variant 2, mRNA; gi|14270491|ref|NM\_018923.2| Homo sapiens protocadherin gamma subfamily B, 2  
variant 1, mRNA; gi|14270495|ref|NM\_032097.1| Homo sapiens protocadherin gamma subfamily B, 3  
variant 1, mRNA; gi|14270498|ref|NM\_032098.1| Homo sapiens protocadherin gamma subfamily B, 4  
variant 2, mRNA; gi|14270500|ref|NM\_018926.2| Homo sapiens protocadherin gamma subfamily B, 6  
variant 1, mRNA; gi|14270504|ref|NM\_032099.1| Homo sapiens protocadherin gamma subfamily B, 5



variant 3, mRNA; gi|14277676|ref|NM\_032402.1| Homo sapiens protocadherin gamma subfamily C, 3  
variant 2, mRNA; gi|14277680|ref|NM\_018928.2| Homo sapiens protocadherin gamma subfamily C, 4  
variant 2, mRNA; gi|14277683|ref|NM\_018929.2| Homo sapiens protocadherin gamma subfamily C, 5  
ot variant 1, mRNA; gi|142976674|ref|NM\_014574.3| Homo sapiens striatin, calmodulin binding protei  
nRNA;

gi|343790940|ref|NM\_001243597.1| Homo sapiens Cdon homolog (mouse) (CDON), transcript varia  
ariant 2, mRNA; gi|257196171|ref|NM\_001164595.1| Homo sapiens PDZ domain containing ring finger

IM5), mRNA;

encoding mitochondrial protein, mRNA;

gi|144094254|ref|NM\_005397.3| Homo sapiens podocalyxin-like (PODXL), transcript variant 2, mRNA;

pecific) (EPT1), mRNA;

22kDa (NDUFB9), nuclear gene encoding mitochondrial protein, mRNA;

oding RNA;

ing RNA;

IA;

RNA;

49A), transcript variant 2, mRNA; gi|144922678|ref|NM\_015398.2| Homo sapiens family with sequence

i (GTF2E1), mRNA;

ript variant 2, mRNA; gi|144953881|ref|NM\_001083913.1| Homo sapiens chromosome 10 open reading

.1), transcript variant 1, mRNA; gi|144953897|ref|NM\_031229.2| Homo sapiens RanBP-type and C3HC4

), mRNA;

, mRNA;

mRNA;

gi|145207978|ref|NM\_001001666.3| Homo sapiens anoctamin 7 (ANO7), transcript variant NGEP-S, n

;

2, mRNA; gi|145275169|ref|NM\_032123.5| Homo sapiens kin of IRRE like 2 (Drosophila) (KIRREL2), tra

; RMT5), mRNA;  
inscript variant 2, mRNA; gi|145275188|ref|NM\_023938.5| Homo sapiens chromosome 1 open reading

RNA;

A; gi|145275199|ref|NM\_025080.3| Homo sapiens asparaginase like 1 (ASRGL1), transcript variant 2, r  
35), mRNA;

1), mRNA;  
(DHTKD1), nuclear gene encoding mitochondrial protein, mRNA;

R8K5), mRNA;

in elegans) (SMG9), mRNA;  
mRNA; gi|145301606|ref|NM\_001083953.1| Homo sapiens thyroid adenoma associated (THADA), tra  
, mRNA; gi|238550108|ref|NR\_027716.1| Homo sapiens H2A histone family, member J (H2AFJ), transci  
YP20A1), mRNA;  
gi|145309294|ref|NM\_183381.2| Homo sapiens ring finger protein 13 (RNF13), transcript variant 4, m

homolog, Drosophila) (CELSR3), mRNA;  
ript variant 3, mRNA; gi|145309310|ref|NM\_001039591.2| Homo sapiens ubiquitin specific peptidase 5  
galactosaminyltransferase 13 (GalNAc-T13) (GALNT13), mRNA;

RNA;

), mRNA;  
riant 1, mRNA; gi|145312255|ref|NM\_006862.3| Homo sapiens tudor and KH domain containing (TDR

45312250|ref|NM\_001080448.2| Homo sapiens EPH receptor A6 (EPA6), transcript variant 1, mRNA;  
A;  
t 1, mRNA; gi|145312244|ref|NM\_144508.3| Homo sapiens cancer susceptibility candidate 5 (CASC5),

(GSTT2B), mRNA;  
NA;

e 4 (HERC4), transcript variant 1, mRNA; gi|145386582|ref|NM\_015601.3| Homo sapiens HECT and RLI

RNA; gi|145386530|ref|NM\_001084392.1| Homo sapiens D-dopachrome tautomerase (DDT), transcrip  
mic domain, (semaphorin) 6A (SEMA6A), mRNA;

mRNA; gi|145580577|ref|NM\_001083914.1| Homo sapiens C-terminal binding protein 2 (CTBP2), trans  
variant 1, mRNA; gi|145580585|ref|NM\_001083908.1| Homo sapiens dynein, axonemal, assembly fact  
NA;

;  
riant 2, mRNA; gi|145580593|ref|NM\_001040440.2| Homo sapiens coiled-coil domain containing 112

11L1), mRNA;

A; gi|145580607|ref|NM\_001083961.1| Homo sapiens WD repeat domain 62 (WDR62), transcript varia

11), mRNA;

, mRNA; gi|145580618|ref|NM\_001085357.1| Homo sapiens B and T lymphocyte associated (BTLA), tra  
ransferase homolog B (yeast) (ALG10B), mRNA;

mRNA;

nRNA;

), mRNA;

1) (PSMF1), transcript variant 1, mRNA; gi|145611429|ref|NM\_178578.2| Homo sapiens proteasome (|

ies and microtubules pseudogene 3 (WHAMMP3), non-coding RNA;

3277100|ref|NM\_144722.3| Homo sapiens sperm flagellar 2 (SPEF2), transcript variant 2, mRNA;

isymmetric acetylcholinesterase (COLQ), transcript variant III, mRNA; gi|116805311|ref|NM\_080538.2|

ot variant 3, non-coding RNA; gi|50312654|ref|NM\_033108.2| Homo sapiens heat shock transcription f

ot variant 3, non-coding RNA; gi|50312658|ref|NM\_001001877.1| Homo sapiens heat shock transcripti

ear gene encoding mitochondrial protein, transcript variant 3, mRNA; gi|145701026|ref|NM\_144736.4|

ipt variant 3, mRNA; gi|291167776|ref|NM\_001173552.1| Homo sapiens transmembrane protease, ser

, non-coding RNA;

11), mRNA;  
, transcript variant 2, mRNA; gi|14589855|ref|NM\_032611.1| Homo sapiens protein tyrosine phosphat  
: 2, mRNA; gi|14589877|ref|NM\_005864.2| Homo sapiens embryonal Fyn-associated substrate (EFS), tr  
14589913|ref|NM\_020815.1| Homo sapiens protocadherin 10 (PCDH10), transcript variant 2, mRNA;

nRNA; gi|14589941|ref|NM\_032971.1| Homo sapiens protocadherin 11 Y-linked (PCDH11Y), transcript  
, mRNA;

RNA;

transcript variant 2, mRNA; gi|207028634|ref|NM\_001135240.1| Homo sapiens chromosome 1 open rea

variant D, mRNA; gi|373222560|ref|NM\_032404.2| Homo sapiens transmembrane protease, serine 3 (TM  
394505|ref|NM\_001085399.1| Homo sapiens RELT-like 1 (RELL1), transcript variant 2, mRNA;

variant 1, mRNA; gi|146134465|ref|NM\_153013.3| Homo sapiens NAD kinase domain containing 1 (NA

11 (KCTD11), mRNA;  
main containing 2 (ELFN2), mRNA;  
KCTD12), mRNA;

RNA;  
cript variant 1, mRNA; gi|146198667|ref|NM\_024861.2| Homo sapiens chromosome 2 open reading fr

(LRRC37A6P), non-coding RNA;  
ing 3 (GDPD3), mRNA;

CTD4), mRNA;

NA;  
RNA;  
;





h mental retardation) (CLN8), mRNA;

MAP1LC3B2), mRNA;

(KCNG1), mRNA;

upled (HTR1F), mRNA;

CS1), transcript variant 2, mRNA; gi|148298676|ref|NM\_001098272.1| Homo sapiens 3-hydroxy-3-me  
transcript variant 2, mRNA; gi|148470401|ref|NM\_001098205.1| Homo sapiens heterogeneous nucle:

RNA; gi|148491068|ref|NM\_020727.4| Homo sapiens zinc finger protein 295 (ZNF295), transcript vari  
carrier), member 24 (SLC25A24), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA

=2), mRNA;

ial protein, mRNA;

RNA;

RNA; gi|148528989|ref|NM\_198484.3| Homo sapiens zinc finger protein 621 (ZNF621), transcript vari  
l, mRNA;

Gef domain) member 4B (PLEKHG4B), mRNA;

RNA; gi|148536822|ref|NM\_001847.2| Homo sapiens collagen, type IV, alpha 6 (COL4A6), transcript va

l), mRNA;

ATP6V1C1), mRNA;

ipt variant 2, mRNA; gi|148536837|ref|NM\_194448.2| Homo sapiens C-type lectin domain family 4, m  
ubunit (CACNA1A), transcript variant 2, mRNA; gi|148536843|ref|NM\_000068.3| Homo sapiens calcium  
NA;  
script variant 1, mRNA; gi|148536852|ref|NM\_004371.3| Homo sapiens coatomer protein complex, su

), member 3 (SLC5A3), mRNA;  
egulator of chromatin, subfamily d, member 2 (SMARCD2), mRNA;  
IA; gi|148536872|ref|NM\_007052.4| Homo sapiens NADPH oxidase 1 (NOX1), transcript variant NOH-1  
ranscript variant 1, mRNA; gi|148536877|ref|NM\_022002.2| Homo sapiens nuclear receptor subfamily  
1 (PI4KAP1), non-coding RNA;

RNA; gi|148539618|ref|NM\_001037175.2| Homo sapiens sushi domain containing 4 (SUSD4), transcrip  
(ANKRD20A8P), non-coding RNA;  
;

ariant 2, mRNA; gi|148539839|ref|NM\_004406.2| Homo sapiens deleted in malignant brain tumors 1 (l  
l48539845|ref|NM\_001941.3| Homo sapiens desmocollin 3 (DSC3), transcript variant Dsc3a, mRNA;  
9854|ref|NM\_017729.3| Homo sapiens EPS8-like 1 (EPS8L1), transcript variant 2, mRNA;  
anscript variant 1, mRNA; gi|148539859|ref|NM\_007050.5| Homo sapiens protein tyrosine phosphatas

anscript variant 1, mRNA; gi|148539884|ref|NM\_018014.3| Homo sapiens B-cell CLL/lymphoma 11A (z  
aminyltransferase (MGAT3), transcript variant 1, mRNA; gi|148539889|ref|NM\_001098270.1| Homo s:  
t 3, mRNA; gi|46255051|ref|NM\_206937.1| Homo sapiens ligase IV, DNA, ATP-dependent (LIG4), trans

A;  
RNA;  
2), mRNA;  
mRNA;  
A; gi|148596945|ref|NM\_199451.2| Homo sapiens zinc finger protein 365 (ZNF365), transcript variant  
nRNA;  
, mRNA;  
NA; gi|148596960|ref|NM\_001037582.2| Homo sapiens stearoyl-CoA desaturase 5 (SCD5), transcript v

transcript variant 1, mRNA; gi|148596950|ref|NM\_198472.2| Homo sapiens chromosome 10 open rea  
VA;  
VA;

ript variant 1, mRNA; gi|148596987|ref|NM\_001098482.1| Homo sapiens CREB regulated transcription  
NA;



le 21 (CEACAM21), transcript variant 1, mRNA; gi|148612866|ref|NM\_033543.3| Homo sapiens carcino-  
variant 2, mRNA; gi|148612874|ref|NM\_001098498.1| Homo sapiens small G protein signaling modula

48612856|ref|NM\_001098501.1| Homo sapiens KIAA1217 (KIAA1217), transcript variant 3, mRNA; gi|1

ipt variant 2, mRNA; gi|148612794|ref|NM\_014853.2| Homo sapiens small G protein signaling modula

A;

NA;

CF3), mRNA;

CHCHD4), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|148612891|ref|

A; gi|148612826|ref|NM\_001098495.1| Homo sapiens zinc finger protein 419 (ZNF419), transcript vari

cript variant 3, mRNA; gi|148613854|ref|NM\_006386.4| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box he

nt 1, mRNA; gi|148613863|ref|NM\_182499.3| Homo sapiens tudor domain containing 10 (TDRD10), tr

nt 1, mRNA; gi|148613868|ref|NM\_033629.2| Homo sapiens three prime repair exonuclease 1 (TREX1)

nRNA;

A;

nt 2, mRNA; gi|148664212|ref|NM\_001098519.1| Homo sapiens leucine rich repeat containing 43 (LRI

NA; gi|148664210|ref|NM\_001098517.1| Homo sapiens cell adhesion molecule 1 (CADM1), transcript

RNA;

ariant 2, mRNA; gi|148664243|ref|NM\_018204.3| Homo sapiens cytoskeleton associated protein 2 (Ck

ALICA1), transcript variant 1, mRNA; gi|148664223|ref|NM\_153206.2| Homo sapiens adhesion molecul

2, mRNA; gi|148664198|ref|NM\_001098515.1| Homo sapiens MAS-related GPR, member F (MRGPRF),

54185|ref|NM\_001005242.2| Homo sapiens plakophilin 2 (PKP2), transcript variant 2a, mRNA;

1120AOS), mRNA;  
RNA;  
29C), transcript variant 2, mRNA; gi|148664195|ref|NM\_173544.4| Homo sapiens family with sequence

.B (ANKS4B), mRNA;  
.2), mRNA;  
nt 1, mRNA; gi|148719670|ref|NM\_001098518.1| Homo sapiens G protein-coupled receptor 116 (GPR:  
n antiporter 4), member 4 (SLC9A4), mRNA;  
;

mRNA;

A; gi|168693668|ref|NM\_001114759.1| Homo sapiens zinc finger protein 683 (ZNF683), transcript vari  
C2), transcript variant 2, mRNA; gi|148839303|ref|NM\_032243.5| Homo sapiens thioredoxin domain c  
ranscript variant 1, mRNA; gi|148727246|ref|NM\_003481.2| Homo sapiens ubiquitin specific peptidase

17), transcript variant 1, mRNA; gi|148727289|ref|NM\_152286.3| Homo sapiens patatin-like phospholi  
P), mRNA;

A;

nsript variant 1, mRNA; gi|148728159|ref|NM\_001098503.1| Homo sapiens protein tyrosine phospho  
ript variant 5, mRNA; gi|148728165|ref|NM\_001098520.1| Homo sapiens HIV-1 Tat interactive protei  
yte antigen 1; alpha polypeptide) (ITGAE), mRNA;

), mRNA;  
MTM1), transcript variant 4, mRNA; gi|148743779|ref|NM\_181271.2| Homo sapiens CKLF-like MARVEL

3 (SLC17A3), transcript variant 1, mRNA; gi|148728190|ref|NM\_006632.3| Homo sapiens solute carrier  
TNFRSF11B), mRNA;

IM6), transcript variant 2, mRNA; gi|148746208|ref|NM\_003217.2| Homo sapiens transmembrane BA

;  
(S. cerevisiae) (SPC24), mRNA;

;

RNA;  
l, mRNA;

3 (PUS7L), transcript variant 2, mRNA; gi|148762984|ref|NM\_001098615.1| Homo sapiens pseudouridy

RNA;  
RNA;

NA;  
l, mRNA; gi|148763346|ref|NM\_024011.2| Homo sapiens cyclin-dependent kinase 11A (CDK11A), tran:  
associated factor, 105kDa (TAF4B), mRNA; gi|341914113|ref|XM\_003403696.1| PREDICTED: Homo sap  
rg, 4 (parvulin) pseudogene (LOC728758), non-coding RNA;  
rRNA;  
rotein 11 (AGAP11), mRNA;  
non-coding RNA;  
iant 3, mRNA; gi|148806905|ref|NM\_001098632.1| Homo sapiens AKT1 substrate 1 (proline-rich) (AKT  
;  
transcript variant 1, mRNA; gi|148806868|ref|NM\_015676.1| Homo sapiens chromosome 14 open rea  
1 (ABCC6P1), non-coding RNA;

A;

ing 1 (ELTD1), mRNA;  
, non-coding RNA;

t variant 2, mRNA; gi|148833485|ref|NM\_001098616.1| Homo sapiens chromosome 1 open reading fr  
siae) (CWC15), mRNA;

l, mRNA; gi|148833512|ref|NM\_001098634.1| Homo sapiens RNA binding motif protein 47 (RBM47), t

nain containing 1 (SMCHD1), mRNA;  
riant 2, mRNA; gi|148839375|ref|NM\_138499.3| Homo sapiens PWWP domain containing 2B (PWWP2  
A; gi|148612834|ref|NM\_001098507.1| Homo sapiens zinc finger protein 207 (ZNF207), transcript vari  
VN1G), mRNA;

l, mRNA; gi|288856247|ref|NM\_001172309.1| Homo sapiens nexilin (F actin binding protein) (NEXN), t  
; gi|261245045|ref|NM\_001166222.1| Homo sapiens carnosine synthase 1 (CARNS1), transcript varian  
ariant 2, mRNA; gi|148839279|ref|NM\_178860.4| Homo sapiens seizure related 6 homolog (mouse) (SI

RNA;

nain containing 1 (SVEP1), mRNA;

udogene (ABCA17P), non-coding RNA;  
mRNA;

;

;

GNG7), mRNA;

I2C), mRNA;

gulated 8 (NEDD8), mRNA;

P1), mRNA;

nt 2, mRNA; gi|148922837|ref|NM\_021966.2| Homo sapiens T-cell leukemia/lymphoma 1A (TCL1A), tr

I2), mRNA;

GNG4), transcript variant 3, mRNA; gi|148922891|ref|NM\_001098721.1| Homo sapiens guanine nucleic  
RNA;

, mRNA; gi|149158695|ref|NM\_001098534.1| Homo sapiens BCL2-associated athanogene 6 (BAG6), tr

nscrip variant 1, mRNA; gi|149158699|ref|NM\_001098478.1| Homo sapiens major histocompatibility

gi|149158705|ref|NM\_001098212.1| Homo sapiens histamine receptor H1 (HRH1), transcript variant .

;

nscrip variant 2, mRNA; gi|149158712|ref|NM\_021934.4| Homo sapiens chromosome 12 open readir

ranscript variant 2, mRNA; gi|149158715|ref|NM\_016475.3| Homo sapiens JNK1/MAPK8-associated r

RD1B), mRNA;

if, 18 (ADAMTS18), mRNA;

anscript variant 2, mRNA; gi|149158724|ref|NM\_031231.3| Homo sapiens N-terminal EF-hand calcium

ated) (RASGRP2), transcript variant 3, mRNA; gi|149158728|ref|NM\_001098671.1| Homo sapiens RAS

IF2), transcript variant 1, mRNA; gi|193083149|ref|NM\_001128926.1| Homo sapiens family with seque  
IA;

ranscript variant 2, mRNA; gi|149192857|ref|NM\_001098785.1| Homo sapiens family with sequence si

ET1L), transcript variant 2, mRNA; gi|149192861|ref|NM\_001098787.1| Homo sapiens blocked early in

ing mitochondrial protein, mRNA;  
ript variant 1, mRNA; gi|149192827|ref|NM\_001098786.1| Homo sapiens hypoxia inducible lipid dropl  
t 3, mRNA; gi|149192848|ref|NM\_001098790.1| Homo sapiens MID1 interacting protein 1 (MID1IP1),  
pt variant 2, mRNA; gi|149193320|ref|NM\_002092.3| Homo sapiens G-rich RNA sequence binding fact  
ariant S, mRNA; gi|149193324|ref|NM\_152673.2| Homo sapiens mucin 20, cell surface associated (ML

1, mRNA; gi|149274650|ref|NM\_032171.1| Homo sapiens centrosomal protein 78kDa (CEP78), transcr  
mRNA;  
aining A (PRPF38A), mRNA;  
ember 28 (SLC25A28), nuclear gene encoding mitochondrial protein, mRNA;  
1), non-coding RNA;

OL), mRNA;  
, transcript variant 2, non-coding RNA; gi|149274631|ref|NR\_003581.1| Homo sapiens ATPase, class I,  
SYDE2), mRNA;  
RNA;

RNA;  
, mRNA;

3|ref|NM\_001098813.1| Homo sapiens septin 8 (SEPT8), transcript variant 4, mRNA; gi|149363637|ref

;  
RNA;  
TESPA1), mRNA; gi|209862860|ref|NM\_001136030.1| Homo sapiens thymocyte expressed, positive se  
42), transcript variant 1, mRNA; gi|149393137|ref|NM\_001098794.1| Homo sapiens family with seque  
L, mRNA; gi|149408120|ref|NM\_194281.3| Homo sapiens INO80 complex subunit C (INO80C), transcrip

4; gi|149408134|ref|NM\_001098535.1| Homo sapiens ret finger protein-like 3 (RFPL3), transcript varia  
iscript variant 3, mRNA; gi|149408143|ref|NM\_001098797.1| Homo sapiens TOX high mobility group b  
10A), transcript variant 1, mRNA; gi|149408151|ref|NM\_152352.3| Homo sapiens family with sequence

t 2, mRNA; gi|149408156|ref|NM\_002102.3| Homo sapiens glycophorin E (MNS blood group) (GYPE), t

;

ig (GSTCD), transcript variant 1, mRNA; gi|154707915|ref|NM\_024751.2| Homo sapiens glutathione S-t  
, mRNA;

2L), mRNA;

;

ARRES3), mRNA;

A;

49588533|ref|NM\_001098833.1| Homo sapiens ataxin 7-like 3 (ATXN7L3), transcript variant 2, mRNA;

nt 4, mRNA; gi|149588539|ref|NM\_001098824.1| Homo sapiens transmembrane protein 91 (TMEM91

[MS4A15), transcript variant 2, mRNA; gi|149588598|ref|NM\_001098835.1| Homo sapiens membrane-

rain, family member B (TIFAB), mRNA;

ing 1 (LRFN1), mRNA;

TTY2B), non-coding RNA;

; (Arabidopsis)(non-functional)-like (ACCSL), mRNA;

RNA;

TTY7B), non-coding RNA;

(TTY21B), non-coding RNA;

A;

ariant 3, mRNA; gi|223555934|ref|NM\_001373.1| Homo sapiens dynein, axonemal, heavy chain 14 (DN/

T2B4), mRNA;

TY2), non-coding RNA;

NA;

TTY8B), non-coding RNA;

seudogene) (REXO1L2P), non-coding RNA;

ef|XM\_003403775.1| PREDICTED: Homo sapiens defensin, beta 131 (DEFB131), mRNA;

nt 3, mRNA; gi|150010653|ref|NM\_032450.2| Homo sapiens HEAT repeat containing 7A (HEATR7A), tr

RNA;  
TTY7), non-coding RNA;  
ript variant 2, mRNA; gi|149944458|ref|NM\_181655.2| Homo sapiens chromosome 17 open reading fr

TTY1B), non-coding RNA;

ript variant 2, mRNA; gi|150378504|ref|NM\_173826.3| Homo sapiens chromosome 3 open reading fr  
, mRNA;  
(TTY23B), non-coding RNA;

7, mRNA; gi|149999343|ref|NM\_133273.2| Homo sapiens Fc fragment of IgA, receptor for (FCAR), tran  
ranscript variant 2, mRNA; gi|149999349|ref|NM\_001099286.1| Homo sapiens family with sequence s  
A; gi|149999361|ref|NM\_001099284.1| Homo sapiens zinc finger protein 239 (ZNF239), transcript vari  
RNA;  
i), mRNA;

: 2, mRNA; gi|149999372|ref|NM\_178832.3| Homo sapiens MORN repeat containing 4 (MORN4), trans  
4, mRNA; gi|149999596|ref|NM\_012412.4| Homo sapiens H2A histone family, member V (H2AFV), tra

subunit C3 (subunit 9) (ATP5G3), nuclear gene encoding mitochondrial protein, transcript variant 2, mR  
iding protein) (SRP14), mRNA;

NA;

;  
L4C), non-coding RNA;

RNA;

mRNA; gi|218563728|ref|NR\_024602.1| Homo sapiens chloride channel accessory 4 (CLCA4), transcrip  
A;  
6AP2), mRNA;

, transcript variant 1, mRNA; gi|15011980|ref|NM\_032995.1| Homo sapiens Rho guanine nucleotide ex

), mRNA;

variant 2, mRNA; gi|160707974|ref|NM\_033026.5| Homo sapiens piccolo (presynaptic cytomatrix protein)  
instruct variant 2, mRNA; gi|150170731|ref|NM\_198521.2| Homo sapiens chromosome 12 open reading frame  
1, mRNA;

transcript variant 2, mRNA; gi|150170726|ref|NM\_001099335.1| Homo sapiens phytanoyl-CoA 2-hydrolase 4), mRNA;

l, mRNA;

NA; gi|150378477|ref|NM\_001099403.1| Homo sapiens PR domain containing 8 (PRDM8), transcript v

PRASP1), transcript variant 1, mRNA; gi|150378527|ref|NM\_001099411.1| Homo sapiens G protein-co  
T), mRNA;

er 1B (EIF4E1B), mRNA;

nt 1, mRNA; gi|150378492|ref|NM\_006766.3| Homo sapiens K(lysine) acetyltransferase 6A (KAT6A), tr

|150378534|ref|NM\_001099400.1| Homo sapiens sarcoglycan, epsilon (SGCE), transcript variant 3, mRNA (1266), non-coding RNA;

ene 1 (UQCRBP1), non-coding RNA;

non-coding RNA;

), transcript variant 1, mRNA; gi|150378490|ref|NM\_199054.2| Homo sapiens MAP kinase interacting s  
(P7), mRNA;

NK1), mRNA;

1 RNA;

0|ref|NM\_003174.3| Homo sapiens supervillin (SVIL), transcript variant 1, mRNA;

A2), transcript variant 2, mRNA; gi|150417982|ref|NM\_001606.4| Homo sapiens ATP-binding cassette

:A7), mRNA;

or 2 (brefeldin A-inhibited) (ARFGEF2), mRNA;

t 1, mRNA; gi|150417990|ref|NM\_031409.3| Homo sapiens chemokine (C-C motif) receptor 6 (CCR6), t  
:14A), transcript variant 2, mRNA; gi|150417994|ref|NM\_033313.2| Homo sapiens CDC14 cell division c

21), mRNA;



SFY1P1), non-coding RNA;

A;

21), mRNA;

), mRNA;

3 protein 2 delta) (TFAP2D), mRNA;

risiae) (PRPF40A), mRNA;

NG8), mRNA;

2A7), transcript variant 2, mRNA; gi|15147329|ref|NM\_000764.2| Homo sapiens cytochrome P450, far

mRNA; gi|15208664|ref|NM\_033219.1| Homo sapiens tripartite motif containing 14 (TRIM14), transcr  
NA; gi|152963634|ref|NM\_001099438.1| Homo sapiens zinc finger protein 30 (ZNF30), transcript varia

3639|ref|NM\_003988.3| Homo sapiens paired box 2 (PAX2), transcript variant c, mRNA; gi|152963638|

iant 3, mRNA; gi|153070253|ref|NM\_001099680.1| Homo sapiens MAGI family member, X-linked (MA  
CKS), mRNA;

;

with homocystinuria (MMACHC), mRNA;

nt 5, mRNA; gi|153082698|ref|NM\_001099787.1| Homo sapiens intercellular adhesion molecule 2 (ICA

2 (IFIT2), mRNA;

riant 1, mRNA; gi|290560749|ref|NM\_001173393.1| Homo sapiens hepatitis A virus cellular receptor 1  
3D1A), transcript variant 1, mRNA; gi|153085462|ref|NM\_014056.3| Homo sapiens HIG1 hypoxia indu  
9, mRNA; gi|153090196|ref|NM\_001099750.1| Homo sapiens syntabulin (syntaxin-interacting) (SYBU),  
nRNA; gi|153218447|ref|NM\_006488.2| Homo sapiens ketohexokinase (fructokinase) (KHK), transcript

(S. cerevisiae) (GPCPD1), mRNA;

ript variant 1, mRNA; gi|153218594|ref|NM\_017679.3| Homo sapiens breast carcinoma amplified sequ  
YP11A1), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|153218653|ref|N  
(CYP4B1), transcript variant 1, mRNA; gi|153218659|ref|NM\_000779.3| Homo sapiens cytochrome P4

;

PED1), transcript variant 1, mRNA; gi|153251271|ref|NM\_001099455.1| Homo sapiens calcineurin-like  
e) (TMA16), mRNA;

A;

; transcript variant 1, mRNA; gi|153251747|ref|NM\_001099625.1| Homo sapiens family with sequence si  
rRNA;  
l, transcript variant 2, mRNA; gi|153251810|ref|NM\_001099653.1| Homo sapiens family with sequence  
;  
;

ion-coding RNA;

; transcript variant B, mRNA; gi|153251876|ref|NM\_178342.2| Homo sapiens chromosome 3 open reading frame  
t variant 1, mRNA; gi|153251888|ref|NM\_001099783.1| Homo sapiens chromosome 4 open reading frame  
53251912|ref|NM\_020844.2| Homo sapiens KIAA1456 (KIAA1456), transcript variant 1, mRNA;

, nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|153252002|ref|NM\_001099783.1| Homo sapiens C-type lectin domain family 1  
n transcript variant 2, mRNA; gi|153252028|ref|NM\_016509.3| Homo sapiens C-type lectin domain family 1  
A;

RNA; gi|153252117|ref|NM\_000993.4| Homo sapiens ribosomal protein L31 (RPL31), transcript variant

9A6), transcript variant 1, mRNA; gi|153252213|ref|NM\_001099406.1| Homo sapiens solute carrier family

ADCYAP1), transcript variant 1, mRNA; gi|153266794|ref|NM\_001117.3| Homo sapiens adenylate cyclase  
, mRNA;  
, mRNA;

R2), mRNA;  
galactosaminyltransferase 3 (GalNAc-T3) (GALNT3), mRNA;  
mRNA; gi|153266900|ref|NM\_001099781.1| Homo sapiens gamma-glutamyltransferase 5 (GGT5), tra  
variant 3, mRNA; gi|153267405|ref|NM\_001004106.2| Homo sapiens G protein-coupled receptor kina  
ant A, mRNA; gi|153267424|ref|NM\_080738.3| Homo sapiens EDAR-associated death domain (EDARA  
) , mRNA;

ase 2 (DYRK2), transcript variant 1, mRNA; gi|153281168|ref|NM\_006482.2| Homo sapiens dual-specific

R28), mRNA;

56B), mRNA;

3), non-coding RNA;  
1), mRNA;  
11 (PSMB11), mRNA;

ant 2, mRNA; gi|153791361|ref|NM\_173601.1| Homo sapiens glucoside xylosyltransferase 1 (GXYLT1),

iant 2, mRNA; gi|153791326|ref|NM\_001098783.2| Homo sapiens ribonuclease P/MRP 14kDa subunit

E domain) member 1 (PLEKHF1), mRNA;

cerevisiae) (POP7), mRNA;

;  
RNA;

(EIF3CL), mRNA;  
;

4;  
ant 2, mRNA; gi|153792581|ref|NM\_012210.3| Homo sapiens tripartite motif containing 32 (TRIM32), 1

n-coding RNA;  
OR13A1), mRNA;

transcript variant 1, mRNA; gi|284795233|ref|NM\_001171876.1| Homo sapiens MCF.2 cell line derive  
.1), mRNA;

seudogene (PDXDC2P), non-coding RNA;

RNA; gi|153791569|ref|NM\_001099639.1| Homo sapiens zinc finger protein 146 (ZNF146), transcript  
IS2L2), non-coding RNA;

cript variant 3, mRNA; gi|153792326|ref|NM\_001099670.1| Homo sapiens chromosome 8 open readir

revisiae) (RMI1), mRNA;

), mRNA;

script variant 1, mRNA; gi|153792085|ref|NM\_001099642.1| Homo sapiens FtsJ methyltransferase don

R6Q1), mRNA;  
t 2, mRNA; gi|153792479|ref|NM\_001099640.1| Homo sapiens transmembrane protein 100 (TMEM10

, non-coding RNA;  
log (yeast) (TOMM5), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|1973  
; gi|153792538|ref|NM\_014374.3| Homo sapiens replication initiator 1 (REPIN1), transcript variant 2, n  
) (REV3L), mRNA;

galactosaminyltransferase 11 (GalNAc-T11) (GALNT11), mRNA;

siae) (CWC22), mRNA;  
i-cells, kinase gamma (IKBKG), transcript variant 1, mRNA; gi|142381344|ref|NM\_003639.3| Homo sapi  
iCA10), mRNA;

t variant 1, mRNA; gi|153792680|ref|NM\_001009554.2| Homo sapiens microfibrillar-associated protei  
if, 8 (ADAMTS8), mRNA;

ar gene encoding mitochondrial protein, mRNA;

l), mRNA;  
1), non-coding RNA;  
SPH10B2), mRNA;

oding RNA;  
-coding RNA;  
ding RNA;  
t variant 2, mRNA; gi|375331924|ref|NM\_001256663.1| Homo sapiens solute carrier family 47, memk  
t variant 1, mRNA; gi|374671826|ref|NM\_001256526.1| Homo sapiens chromosome 9 open reading fr  
nber 1 (HSP90AA1), transcript variant 1, mRNA; gi|154146190|ref|NM\_005348.3| Homo sapiens heat s  
ing 1 (PTAR1), mRNA;  
nRNA;  
t 1, mRNA; gi|296923770|ref|NM\_001184976.1| Homo sapiens NCK-associated protein 1-like (NCKAP1

int 2, mRNA; gi|153792226|ref|NM\_018334.4| Homo sapiens leucine rich repeat neuronal 3 (LRRN3), t  
script variant 1, mRNA; gi|153791585|ref|NM\_001100112.1| Homo sapiens myosin, heavy chain 2, ske

;  
ase adaptor 2 (NYAP2), mRNA;

cript variant 1, mRNA; gi|153791784|ref|NM\_024054.2| Homo sapiens chromosome 7 open reading fr  
lear gene encoding mitochondrial protein, mRNA;

itin protein ligase (MAP3K1), mRNA;  
ant 4, mRNA; gi|153945706|ref|NM\_032331.3| Homo sapiens endothelin converting enzyme 2 (ECE2),  
mRNA;

IA;  
ant b, mRNA; gi|153946386|ref|NM\_130896.2| Homo sapiens WAP four-disulfide core domain 8 (WFD  
GRIN2D), mRNA;  
l), transcript variant 1, mRNA; gi|49249976|ref|NM\_001001734.1| Homo sapiens ATPase, Na<sup>+</sup>/K<sup>+</sup> tran:  
transcript variant BNIP1-a, mRNA; gi|153946404|ref|NM\_013980.2| Homo sapiens BCL2/adenovirus E  
A;  
hamster cells 3 (XRCC3), transcript variant 1, mRNA; gi|153946428|ref|NM\_005432.3| Homo sapiens  
nRNA;  
NA;

A;  
ontaining 2 (LRCH2), transcript variant 1, mRNA; gi|345478710|ref|NM\_001243963.1| Homo sapiens le

[CCR5), transcript variant B, mRNA; gi|154091329|ref|NM\_000579.3| Homo sapiens chemokine (C-C m  
NA; gi|154124880|ref|NM\_005355.3| Homo sapiens kinesin family member 25 (KIF25), transcript varia

al domain containing (TCEANC), mRNA;

inositide binding specific) member 2 (PLEKHA2), mRNA;  
cript variant 2, mRNA; gi|154146192|ref|NM\_032870.2| Homo sapiens PNN-interacting serine/arginine

transcript variant 2, mRNA; gi|154240721|ref|NM\_207430.2| Homo sapiens chromosome 11 open reading frame 1 (RAB11B-IT1), transcript variant 2, mRNA; gi|154240691|ref|NM\_001100391.1| Homo sapiens RALY RNA binding protein-like (RALYL1), mRNA; A; ;

transcript variant 2, mRNA; gi|154350245|ref|NM\_001098832.1| Homo sapiens family with sequence homology to Drosophila hook homolog 2 (HOOK2) (HOOK2), mRNA; 34A), transcript variant 2, mRNA; gi|154350225|ref|NM\_024581.4| Homo sapiens family with sequence homology to Drosophila hook homolog 2 (HOOK2) (HOOK2), transcript variant 1, mRNA; gi|154354961|ref|NM\_001100169.1| Homo sapiens phosphatase and actin regulator 2 (USE1), mRNA; ;

transcript variant 2, mRNA; gi|154354986|ref|NM\_001100176.1| Homo sapiens hook homolog 2 (Drosophila) (HOOK2), transcript variant 1, mRNA; gi|365812503|ref|NM\_001256053.1| Homo sapiens ankyrin repeat domain 26 (ANKRD26), transcript variant 2, mRNA; gi|154355001|ref|NM\_014963.2| Homo sapiens strawberry notch homolog 2 (STRN2), transcript variant 1, mRNA; gi|154426279|ref|NM\_001100431.1| Homo sapiens V-set and immunoglobulin domain-containing protein 1 (VSET1), transcript variant 2, mRNA; gi|154426330|ref|NM\_001100420.1| Homo sapiens chromosome 21 open reading frame 6 (LSM6), mRNA; ;

transcript variant 1, mRNA; gi|154426287|ref|NM\_001100423.1| Homo sapiens spermatogenesis associated protein 7 (UBR7), transcript variant 2, mRNA; gi|331284185|ref|NR\_038150.1| Homo sapiens ubiquitin protein ligase 4 (KCNE4), mRNA; ;

AP4K3), mRNA;  
1), transcript variant 2, mRNA; gi|154689876|ref|NM\_001039535.2| Homo sapiens spindle and kineto  
A;  
89865|ref|NM\_001100590.1| Homo sapiens KIAA0232 (KIAA0232), transcript variant 2, mRNA;  
(ACSM2A), nuclear gene encoding mitochondrial protein, mRNA;

(SKA2), transcript variant 2, mRNA; gi|154689645|ref|NM\_182620.3| Homo sapiens spindle and kineto  
nscript variant 2, mRNA; gi|154689665|ref|NM\_145230.2| Homo sapiens ATPase, H<sup>+</sup> transporting V0 s

retention receptor 2 (KDEL2), transcript variant 2, mRNA; gi|154736711|ref|NM\_006854.3| Homo sa

R2A2), mRNA;  
-coding RNA;  
variant 1, mRNA; gi|154759244|ref|NM\_199456.2| Homo sapiens testis, prostate and placenta expressi

A;  
A; gi|154759266|ref|NM\_001100599.1| Homo sapiens zinc finger protein 707 (ZNF707), transcript vari  
12), mRNA;

AD2), transcript variant 2, mRNA; gi|154759276|ref|NM\_001100600.1| Homo sapiens monocyte to ma  
tNA;  
ase, antitrypsin), member 10 (SERPINA10), transcript variant 2, mRNA; gi|154759289|ref|NM\_016186.:

iant 2, mRNA; gi|124487381|ref|NM\_001081004.1| Homo sapiens COMM domain containing 5 (COMM  
.C17A1), mRNA;

riant 1, mRNA; gi|154800454|ref|NM\_001100620.1| Homo sapiens trophinin associated protein (tastir

mRNA; gi|154800458|ref|NM\_007175.6| Homo sapiens ER lipid raft associated 2 (ERLIN2), transcript v  
nscript variant 3, mRNA; gi|154800465|ref|NM\_017941.4| Homo sapiens chromosome 17 open readir  
) member 2 (PLEKHB2), transcript variant 2, mRNA; gi|154800477|ref|NM\_001100623.1| Homo sapien  
; gi|154800482|ref|NM\_001100624.1| Homo sapiens centromere protein N (CENPN), transcript varian  
ef|NM\_001100626.1| Homo sapiens ER lipid raft associated 1 (ERLIN1), mRNA;

olar RNA;  
cleolar RNA;  
olar RNA;  
olar RNA;  
cleolar RNA;



olar RNA;  
olar RNA;  
olar RNA;  
olar RNA;  
olar RNA;  
A; gi|154813190|ref|NM\_152558.3| Homo sapiens IQ motif containing E (IQCE), transcript variant 1, m  
, mRNA;

iant 1, mRNA; gi|154816177|ref|NM\_001100812.1| Homo sapiens chemokine (C-X-C motif) ligand 16 (l  
ling RNA;  
t 2, mRNA; gi|154816185|ref|NM\_001100814.1| Homo sapiens transmembrane protein 55B (TMEM55  
OH2), mRNA;  
OH1), mRNA;  
-1), non-coding RNA;  
CEB3CL), mRNA;  
), non-coding RNA;

ranscript variant 1, mRNA; gi|154816207|ref|NM\_001100818.1| Homo sapiens phosphotyrosine intera

ranscript variant 1, mRNA; gi|154937333|ref|NM\_152337.2| Homo sapiens chromosome 16 open reading  
protein ligase (MARCH10), transcript variant 1, mRNA; gi|154937341|ref|NM\_001100875.1| Homo sap  
, mRNA;  
riant 2, mRNA;  
HD1), transcript variant 3, mRNA; gi|154937349|ref|NM\_001100876.1| Homo sapiens phytanoyl-CoA d

HG15), non-coding RNA;  
A;

13 (MS4A13), transcript variant 2, mRNA; gi|155029532|ref|NM\_001012417.2| Homo sapiens membr  
3), mRNA;

, mRNA; gi|155029541|ref|NM\_152751.2| Homo sapiens BEN domain containing 7 (BEND7), transcript  
, mRNA;  
;

re domain (TM) and short cytoplasmic domain, (semaphorin) 4B (SEMA4B), transcript variant 2, mRNA; i

; ASUN), mRNA;

1, mRNA; gi|155030186|ref|NM\_004270.4| Homo sapiens mediator complex subunit 7 (MED7), transcript variant 2, mRNA; gi|157837978|ref|NM\_201542.3| Homo sapiens mediator complex subunit 8 (MED8), transcript variant 6, mRNA; gi|155030191|ref|NM\_001100426.1| Homo sapiens RAP1, GTP-GDP dissociation factor 1, transcript variant 1, mRNA; gi|155030205|ref|NM\_001100397.1| Homo sapiens Rap guanine nucleotide exchange factor 1, transcript variant 1, mRNA;

S. cerevisiae) (PDS5A), transcript variant 3, mRNA; gi|155030215|ref|NM\_001100399.1| Homo sapiens phosphatidylinositol 4-kinase, transcript variant 2, mRNA; gi|348041301|ref|NM\_058004.3| Homo sapiens phosphatidylinositol 4-kinase, transcript variant 2, mRNA; gi|155030229|ref|NM\_005775.4| Homo sapiens sorbin and SH3 domain containing protein 1, mRNA; gi|155030235|ref|NM\_001100412.1| Homo sapiens drosha, ribonuclease type III (DROSHA), transcript variant 1, mRNA; PP1R1A), mRNA;

ear gene encoding mitochondrial protein, mRNA;

t) (IMP4), mRNA;

19 (KCTD19), mRNA;

tor protein (SLC4A1AP), mRNA;

ember 10 (SLC4A10), transcript variant 2, mRNA; gi|295821222|ref|NM\_001178016.1| Homo sapiens sodium channel protein 10, transcript variant 2, mRNA;

TM1), mRNA;

ene encoding mitochondrial protein, mRNA;

(ABCB9), transcript variant 2, mRNA; gi|339895784|ref|NM\_001243013.1| Homo sapiens ATP-binding cassette transporter 9, transcript variant 2, mRNA; gi|334358860|ref|NM\_001242361.1| Homo sapiens nardilysin (N-arginine dipeptidase 1 (gene/pseudogene) (SERPINB11), mRNA;

um channel 2 (HCN2), mRNA;

iting activity polypeptide 1 (GNAI1), transcript variant 1, mRNA; gi|374081862|ref|NM\_001256414.1| Homo sapiens guanine nucleotide-binding protein subunit alpha 1, transcript variant 1, mRNA;

4|ref|NM\_198883.2| Homo sapiens metaxin 1 (MTX1), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA;

all GTP binding protein Rac1) (RAC1), transcript variant Rac1b, mRNA; gi|156071503|ref|NM\_006908.4| Homo sapiens GTP binding protein Rac1) (RAC1), transcript variant Rac1b, mRNA;

;  
protein 1 (VCPIP1), mRNA;

9|ref|NM\_015129.5| Homo sapiens septin 6 (SEPT6), transcript variant II, mRNA; gi|156671209|ref|NM\_015129.5| Homo sapiens septin 6 (SEPT6), transcript variant II, mRNA; gi|156071512|ref|NM\_020468.3| Homo sapiens sorting nexin 14 (SNX14), transcript variant 2, mRNA;

), transcript variant 2, mRNA; gi|38372915|ref|NM\_030968.2| Homo sapiens C1q and tumor necrosis factor receptor 1, transcript variant 1, mRNA; gi|156086739|ref|NM\_001100398.1| Homo sapiens RAP1 GTPase activating protein 2, transcript variant 1, mRNA;

l, mRNA; gi|156104865|ref|NM\_001101667.1| Homo sapiens acyl-CoA oxidase 3, pristanoyl (ACOX3), transcript variant 1, mRNA;

5q class) (GNA15), mRNA;

homolog, Drosophila); translocated to, 3 (MLLT3), mRNA; gi|156104896|ref|NM\_001101669.1| Homo sapiens inositol polyphosphate 5-phosphatase 1 (INPP1), transcript variant 1, mRNA;

in 4 (AGAP4), mRNA;

PP4B), transcript variant 1, mRNA; gi|156104896|ref|NM\_001101669.1| Homo sapiens inositol polyphosphate 5-phosphatase 1 (INPP1), transcript variant 1, mRNA;

nt 2, mRNA; gi|156105678|ref|NM\_000447.2| Homo sapiens presenilin 2 (Alzheimer disease 4) (PSEN2) (ABCB8), nuclear gene encoding mitochondrial protein, mRNA;

complex 285 (PRIC285), transcript variant 2, mRNA; gi|156105692|ref|NM\_001037335.2| Homo sapiens protein 285 (PRIC285), transcript variant 2, mRNA; gi|156105696|ref|NM\_001100588.1| Homo sapiens ring finger and CCCH-type domain protein 1, transcript variant 2, mRNA;

gi|156105700|ref|NM\_015571.2| Homo sapiens SUMO1/sentrin specific peptidase 1 (SUMO1), transcript variant 1, mRNA; gi|156105706|ref|NM\_001100594.1| Homo sapiens SNF related kinase (SNRK), transcript variant 2, mRNA; gi|156105706|ref|NM\_001100594.1| Homo sapiens SNF related kinase (SNRK), transcript variant 2, mRNA;

transcript variant 1, mRNA; gi|156119594|ref|NM\_207506.2| Homo sapiens sterile alpha motif domain containing protein 1 (SOHLH1), transcript variant 1, mRNA;

p-helix 1 (SOHLH1), transcript variant 1, mRNA; gi|156119600|ref|NM\_001012415.2| Homo sapiens sp

3C4), mRNA;

OR4A47), mRNA;

A;

ng RNA;

;

iscript variant 3, mRNA; gi|156139136|ref|NM\_001102369.1| Homo sapiens chromosome 14 open rea

RED2), transcript variant 1, mRNA; gi|156139140|ref|NM\_001102371.1| Homo sapiens FAD-dependent

3 (GNAT3), mRNA;

(yeast) (TIMM21), nuclear gene encoding mitochondrial protein, mRNA;

gi|156142181|ref|NM\_001101654.1| Homo sapiens CXXC finger protein 1 (CXXC1), transcript variant 1

ranscript variant 1, mRNA; gi|156142189|ref|NM\_001101800.1| Homo sapiens family with sequence si  
mRNA;

), transcript variant NG36/G9a-SPI, mRNA; gi|156142196|ref|NM\_006709.3| Homo sapiens euchromat

dogene (LOC729234), non-coding RNA;

.2B1), transcript variant B1, mRNA; gi|156151373|ref|NM\_002137.3| Homo sapiens heterogeneous nu

IA; gi|156151376|ref|NM\_025073.2| Homo sapiens suppressor of IKBKE 1 (SIKE1), transcript variant 2,

CWH43), mRNA;

nscrip variant 2, mRNA; gi|156151395|ref|NM\_001102399.1| Homo sapiens heterogeneous nuclear ri

mRNA; gi|156151408|ref|NM\_025115.2| Homo sapiens TELO2 interacting protein 2 (TTI2), transcript \  
RNA;

359806542|ref|NM\_001253884.1| Homo sapiens alpha-kinase 1 (ALPK1), transcript variant 3, mRNA; g

2 (PI4KAP2), non-coding RNA; gi|341914361|ref|XR\_133282.1| PREDICTED: Homo sapiens phosphatidy  
riant b, mRNA; gi|156231046|ref|NM\_001102420.1| Homo sapiens zinc finger, AN1-type domain 5 (ZF.  
TBC1D8), mRNA;

), mRNA;

ID2A), mRNA;

l), transcript variant 1, mRNA; gi|156231352|ref|NM\_001101648.1| Homo sapiens NPC1 (Niemann-Pic

;

UTP11L), mRNA;

A; gi|156415997|ref|NM\_001101672.1| Homo sapiens zinc finger protein 219 (ZNF219), transcript variant A;

PI4K2A), mRNA;

(Fp) (SDHA), nuclear gene encoding mitochondrial protein, mRNA;

variant 2, mRNA; gi|156416004|ref|NM\_014186.3| Homo sapiens COMM domain containing 9 (COMMD9

variant 2, mRNA; gi|156416017|ref|NM\_001101312.1| Homo sapiens transmembrane protein 176B (T

variant 2, mRNA; gi|83281454|ref|NM\_033345.2| Homo sapiens regulator of G-protein signaling 8 (RGS8)

variant 2, mRNA; gi|290463079|ref|NM\_007203.4| Homo sapiens PALM2-AKAP2 readthrough (PALM2-AK

olar RNA;

t 2, mRNA; gi|156523232|ref|NM\_203281.2| Homo sapiens BMX non-receptor tyrosine kinase (BMX),

ng 1B (PPAPDC1B), transcript variant 3, mRNA; gi|156523234|ref|NM\_032483.3| Homo sapiens phospho  
encoding mitochondrial protein, mRNA;

.1), mRNA;

;

NA;

A; gi|156523255|ref|NM\_182976.2| Homo sapiens zinc finger protein 326 (ZNF326), transcript variant

(IFT43), transcript variant 2, mRNA; gi|364502978|ref|NM\_001255995.1| Homo sapiens intraflagellar t

t 2, mRNA; gi|156523275|ref|NM\_032354.3| Homo sapiens transmembrane protein 107 (TMEM107), i  
1), mRNA;

it 2, mRNA; gi|156523965|ref|NM\_001102470.1| Homo sapiens alcohol dehydrogenase 6 (class V) (AD

variant 1, mRNA; gi|302148466|ref|NR\_036468.1| Homo sapiens cell death-inducing DFFA-like effecto

mRNA; gi|156546909|ref|NM\_016621.3| Homo sapiens PHD finger protein 21A (PHF21A), transcript va

56547090|ref|NM\_005233.5| Homo sapiens EPH receptor A3 (EPHA3), transcript variant 1, mRNA;

variant c, mRNA; gi|24234759|ref|NM\_153478.1| Homo sapiens chondrosarcoma associated gene 1 (C  
ne encoding mitochondrial protein, mRNA;

A; gi|156547243|ref|NM\_198893.2| Homo sapiens zinc finger protein 160 (ZNF160), transcript variant A;

SLC52A3), mRNA;

IMT1), transcript variant 2, mRNA; gi|156564364|ref|NM\_144584.2| Homo sapiens HEN1 methyltransf  
|343478278|ref|NM\_001243475.1| Homo sapiens B9 protein domain 1 (B9D1), transcript variant 3, m  
RNA;

mRNA; gi|156564385|ref|NM\_001102596.1| Homo sapiens deltex homolog 2 (Drosophila) (DTX2), tra  
nscript variant 20 (CEACAM20), transcript variant 4S, mRNA; gi|156564389|ref|NM\_001102599.1| Homo sapiens c

3CD), mRNA;

ORA36C), small nucleolar RNA;

ORA11B), small nucleolar RNA;

ORA11C), small nucleolar RNA;

cleolar RNA;

ORA3), mRNA;

variant 2, mRNA; gi|156071491|ref|NM\_002086.4| Homo sapiens growth factor receptor-bound prote  
2|ref|NM\_019106.5| Homo sapiens septin 3 (SEPT3), transcript variant B, mRNA;

), mRNA;

A;

11), transcript variant 2, mRNA; gi|217035151|ref|NM\_001142576.1| Homo sapiens IMP (inosine 5'-mc

transcript variant 1, mRNA; gi|156616298|ref|NM\_001102610.1| Homo sapiens tubulin, gamma compl

;  
mRNA;

RNA;

;

Q1), mRNA;

ochondrial protein, mRNA;

156630985|ref|NM\_004711.4| Homo sapiens synaptogyrin 1 (SYNGR1), transcript variant 1a, mRNA; gi|156630993|ref|NM\_002527.4| Homo sapiens neurotrophin 3 (NTF3), transcript variant 2, mRNA;

NT4), mRNA;

RNA;

se, 8 (PSMD8), mRNA;

mRNA; gi|156671211|ref|NM\_016513.4| Homo sapiens intestinal cell (MAK-like) kinase (ICK), transcript variant 1, mRNA; gi|156671218|ref|NM\_0148921.3| Homo sapiens epsin 2 (EPN2), transcript variant 1, mRNA;

, 4 (PSMA4), transcript variant 3, mRNA; gi|156713441|ref|NM\_001102667.1| Homo sapiens proteasome activator complex 1 (POM121L9P), non-coding RNA;

C93432), non-coding RNA;

C100124692), non-coding RNA;

variant 4, mRNA; gi|156766041|ref|NM\_015575.3| Homo sapiens GRB10 interacting GYF protein 2 (GIG1), transcript variant 1, mRNA;

gi|156766053|ref|NM\_001103149.1| Homo sapiens paraneoplastic Ma antigen family 1 (PMA1), transcript variant 1, mRNA; gi|156766062|ref|NM\_052926.2| Homo sapiens paraneoplastic Ma antigen 3 (PMA3), mRNA;

variant 1, mRNA; gi|157041216|ref|NM\_001103154.1| Homo sapiens ADP-ribosylation factor-like 17B (ARL17B), transcript variant 1, mRNA;

(3) (TCEB3C), mRNA;

mRNA; gi|157041223|ref|NM\_001103160.1| Homo sapiens SH2 domain containing 5 (SH2D5), transcript variant 1, mRNA; gi|156938334|ref|NM\_198235.2| Homo sapiens ribonuclease, RNase A family, 1 (RNASEA), mRNA;

(R52J3), mRNA;

: variant 2, mRNA; gi|157041238|ref|NM\_001103170.1| Homo sapiens arylacetamide deacetylase-like 1 (AADAC1), antisense RNA;

G5), non-coding RNA;

3 (NBPF22P), non-coding RNA;  
3 RNA;  
i7057544|ref|NM\_001102575.1| Homo sapiens sorting nexin 18 (SNX18), transcript variant 1, mRNA; g

olar RNA;  
olar RNA;

rg RNA;  
!), mRNA;  
rRNA;  
nRNA;  
variant 1, mRNA; gi|157151752|ref|NM\_006413.4| Homo sapiens ribonuclease P/MRP 30kDa subunit  
rRNA;

VA;  
;

gion, candidate 8 (ALS2CR8), mRNA; gi|157168371|ref|NM\_001104586.1| Homo sapiens amyotrophic

.DB3), mRNA;

oding RNA;

5), mRNA;

A;



A;

3, mRNA; gi|157276594|ref|NM\_130850.2| Homo sapiens bone morphogenetic protein 4 (BMP4), tran:

ipt variant 1, mRNA; gi|157277986|ref|NM\_006203.4| Homo sapiens phosphodiesterase 4D, cAMP-spe  
VCHL1), non-coding RNA;

VCHL2), non-coding RNA;

nt 2, mRNA; gi|157278099|ref|NM\_033111.3| Homo sapiens NEDD4 binding protein 2-like 2 (N4BP2L2  
, mRNA;

.C34A3), transcript variant 3, mRNA; gi|293597522|ref|NM\_001177316.1| Homo sapiens solute carrier  
SM2B), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|157311623|ref|NM  
nRNA;

2DE6C), mRNA;

eolar RNA;

iciency, complementation group 6-like 2 (ERCC6L2), mRNA;

RNA;

osophila) (TLE3), transcript variant 2, mRNA; gi|157384983|ref|NM\_020908.1| Homo sapiens transduci  
ie domain (TM) and short cytoplasmic domain, (semaphorin) 4C (SEMA4C), mRNA;

9705), non-coding RNA;

12), mRNA;

4;

ene encoding mitochondrial protein, mRNA;  
iae) (RMND1), mRNA;

A), transcript variant 3, mRNA; gi|157388932|ref|NM\_001104544.1| Homo sapiens family with sequen  
l, mRNA;

t 2, mRNA; gi|157388946|ref|NM\_024930.2| Homo sapiens ELOVL fatty acid elongase 7 (ELOVL7), tran  
SLC52A1), transcript variant 2, mRNA; gi|157388950|ref|NM\_001104577.1| Homo sapiens solute carri

: 1, mRNA; gi|157388964|ref|NM\_152270.3| Homo sapiens schlafen family member 11 (SLFN11), trans

18A), transcript variant 1, mRNA; gi|157388972|ref|NM\_017911.2| Homo sapiens family with sequence

t variant 2, mRNA; gi|157388978|ref|NM\_001104629.1| Homo sapiens chromosome 4 open reading fr

, member 36 (SLC25A36), transcript variant 1, mRNA; gi|157388990|ref|NM\_018155.2| Homo sapiens

domain containing 2 (PCMTD2), transcript variant 1, mRNA; gi|157388996|ref|NM\_001104925.1| Hom  
tNA;

;

homolog, Drosophila) (CELSR2), mRNA;

3RA6), mRNA;

transcript variant 2, mRNA; gi|157389020|ref|NM\_001104554.1| Homo sapiens progesterin and adipoQ

variant 1, mRNA; gi|157412246|ref|NM\_001105204.1| Homo sapiens RUN and SH3 domain containing  
A;

A;

RNA;

), mRNA;

H2L), transcript variant 2, mRNA; gi|157412279|ref|NM\_004674.3| Homo sapiens ash2 (absent, small,  
RNA;

t 2, mRNA; gi|157419119|ref|NM\_001105199.1| Homo sapiens transmembrane protein 177 (TMEM17  
, beta member 1 (KCNAB1), transcript variant 2, mRNA; gi|157419132|ref|NM\_172160.2| Homo sapie  
157419139|ref|NM\_018891.2| Homo sapiens laminin, gamma 2 (LAMC2), transcript variant 2, mRNA;  
IFS18), mRNA;

nsript variant 2, mRNA; gi|157419145|ref|NM\_003958.3| Homo sapiens ring finger protein 8, E3 ubiq  
6), transcript variant 1, mRNA; gi|227116340|ref|NM\_001159554.1| Homo sapiens purinergic receptor

4), transcript variant 1, mRNA; gi|157419149|ref|NM\_002845.3| Homo sapiens protein tyrosine phosphatase 52 (SELP), mRNA;

5), mRNA;

6)log (S. cerevisiae) (PCF11), mRNA;

;

7)|157426846|ref|NM\_001105243.1| Homo sapiens protocadherin 19 (PCDH19), transcript variant 1, mRNA; gi|157426854|ref|NM\_024742.2| Homo sapiens armadillo repeat containing 5 (ARMC5), transcript variant 1, mRNA; gi|157426861|ref|NM\_001105249.1| Homo sapiens transmembrane channel-like 5 (TMC5), transcript variant 1, mRNA; gi|157426865|ref|NM\_001105251.1| Homo sapiens zinc finger, FYVE domain containing 1, mRNA;

8)OC4), mRNA;

9)receptor potential channels (PIRT), mRNA;

10)A; gi|45439300|ref|NM\_006352.3| Homo sapiens zinc finger protein 238 (ZNF238), transcript variant 2

11)L, mRNA; gi|157426895|ref|NM\_052828.2| Homo sapiens tripartite motif containing 10 (TRIM10), transcript

12)cript variant 2, mRNA; gi|157427666|ref|NM\_152698.2| Homo sapiens family with sequence similarity 7671|ref|NM\_138970.3| Homo sapiens neurexin 3 (NRXN3), transcript variant 2, mRNA; gi|157427672|ref|NM\_017593.2| Homo sapiens ADAMTS family member 4 (ADAMTS4), mRNA;

13)RNA;

14)gi|157427677|ref|NM\_177949.2| Homo sapiens armadillo repeat containing, X-linked 2 (ARMCX2), mRNA;

15)n-coding RNA;

16)gene (FAM58BP), mRNA;

17)A;

18), mRNA;

19), mRNA;

20)variant 2, mRNA; gi|290543550|ref|NM\_001105513.2| Homo sapiens tetratricopeptide repeat domain 1, mRNA;

21), mRNA;

22)OB), mRNA;

23)se, 13 (PSMD13), transcript variant 1, mRNA; gi|157502194|ref|NM\_175932.2| Homo sapiens proteasome activator complex 1, transcript variant 1, mRNA;

(ABCC4), transcript variant 1, mRNA; gi|157502202|ref|NM\_001105515.1| Homo sapiens ATP-binding  
 1), transcript variant 1, mRNA; gi|157502208|ref|NM\_001105518.1| Homo sapiens SWT1 RNA endorib  
 galactosaminyltransferase 7 (GalNAc-T7) (GALNT7), mRNA;  
 mRNA;  
 2223|ref|NM\_006433.3| Homo sapiens granulysin (GNLY), transcript variant NKG5, mRNA;  
 ;  
 type 8A, member 1 (ATP8A1), transcript variant 2, mRNA; gi|157649067|ref|NM\_006095.2| Homo sap  
 P1), transcript variant 2, mRNA; gi|157649071|ref|NM\_006367.3| Homo sapiens CAP, adenylate cyclase  
 ;  
 ript variant 2, mRNA; gi|157671918|ref|NM\_001105528.1| Homo sapiens chromosome 18 open reading  
 tein, transcript variant 1, mRNA; gi|157671925|ref|NM\_001017524.2| Homo sapiens sirtuin 3 (SIRT3), m  
 3C2A), mRNA;  
 mber 12 (SLC5A12), mRNA;  
 ;  
 t variant 1, mRNA; gi|157671946|ref|NM\_001105533.1| Homo sapiens chromosome 7 open reading fr  
 3), transcript variant 2, mRNA; gi|157671950|ref|NM\_005070.3| Homo sapiens solute carrier family 4,  
 oding RNA;  
 activator inhibitor type 1), member 3 (SERPINE3), mRNA;  
 ), mRNA;  
 int 2, mRNA; gi|157694493|ref|NM\_001105538.1| Homo sapiens MYB binding protein (P160) 1a (MYB  
 nscript variant 1, mRNA; gi|157694496|ref|NM\_023929.3| Homo sapiens zinc finger and BTB domain c  
 ar gene encoding mitochondrial protein, mRNA;  
 3C2L), mRNA;  
 4 (LGR4), mRNA;  
 ript variant 2, mRNA; gi|157694519|ref|NM\_001105544.1| Homo sapiens enoyl CoA hydratase domai  
 06035193|ref|NM\_001195388.1| Homo sapiens Fc receptor-like 5 (FCRL5), transcript variant 2, mRNA;  
 TD3), mRNA;  
 ript variant 2, mRNA; gi|157738614|ref|NM\_001105564.1| Homo sapiens coiled-coil alpha-helical rod p  
 1B2), mRNA;

r RNA;  
r RNA;  
r RNA;  
r RNA;  
r RNA;  
r RNA;  
r RNA;

738642|ref|NM\_181775.3| Homo sapiens plexin A4 (PLXNA4), transcript variant 2, mRNA; gi|157738640|ref|NM\_001105541.1| Homo sapiens neurofilament, medium polypeptide 1, mRNA; gi|157738650|ref|NM\_018300.3| Homo sapiens zinc finger protein 83 (ZNF83), transcript variant 5), mRNA;  
A; gi|157502215|ref|NM\_001080848.2| Homo sapiens CSAG family, member 2 (CSAG2), transcript variant 1A;

;  
motif 19 (NUDT19), nuclear gene encoding mitochondrial protein, mRNA;  
containing 2 (TANC2), mRNA;

ne encoding mitochondrial protein, mRNA;

3276|ref|NM\_001017440.2| Homo sapiens calneuron 1 (CALN1), transcript variant 2, mRNA;

E2), mRNA;

NA;

;  
RNA; gi|157779133|ref|NM\_001699.4| Homo sapiens AXL receptor tyrosine kinase (AXL), transcript variant 1;

291042649|ref|NM\_001173476.1| Homo sapiens SPEG complex locus (SPEG), transcript variant 4, mRNA;  
), mRNA;

3), mRNA;  
IP1), non-coding RNA;

RNA; gi|157817072|ref|NM\_015083.1| Homo sapiens cyclin-dependent kinase 12 (CDK12), transcript variant 3D1C), mRNA;  
transcript variant 1, mRNA; gi|157817313|ref|NM\_001109660.1| Homo sapiens chromosome 16 open reading frame 101, mRNA;

iant E, mRNA; gi|157837983|ref|NM\_001018001.2| Homo sapiens kazrin, periplakin interacting proteir

33A), mRNA;

;

RKAA2), mRNA;

ssociated factor, 140kDa (TAF3), mRNA;

og (*S. cerevisiae*) (CHTF18), mRNA;

(GNG13), mRNA;

51719|ref|NM\_144675.2| Homo sapiens GSG1-like (GSG1L), transcript variant 2, mRNA;

oding RNA;

1B4), mRNA;

IP1), non-coding RNA;

t variant 3, mRNA; gi|91718896|ref|NM\_001040056.1| Homo sapiens mitogen-activated protein kinase

YP4F22), mRNA;

ariant 2, mRNA; gi|158186613|ref|NM\_001109903.1| Homo sapiens ring finger protein, transmembrar

1P1), non-coding RNA;

37508|ref|NM\_001109878.1| Homo sapiens T-box 22 (TBX22), transcript variant 1, mRNA; gi|40316908

ng RNA;

29176), non-coding RNA;

160A1), mRNA;

, transcript variant 3, mRNA; gi|158420732|ref|NM\_005852.3| Homo sapiens chromodomain helicase I

(DAPP1), mRNA;

transcript variant 2, mRNA; gi|158634477|ref|NM\_001003931.2| Homo sapiens poly (ADP-ribose) poly  
34486|ref|NM\_198709.2| Homo sapiens arylsulfatase B (ARSB), transcript variant 2, mRNA;  
rtic arginine), member b (PTPLB), mRNA;  
tein 2 (NUFIP2), mRNA;

YP4A11), mRNA;  
ariant 1, mRNA; gi|158966673|ref|NM\_001110213.1| Homo sapiens proline-rich protein HaeIII subfam

n 1 (chondrocyte-derived) (FARP1), transcript variant 2, mRNA; gi|48928036|ref|NM\_005766.2| Homo  
1B), mRNA;  
mRNA; gi|189083691|ref|NM\_001127628.1| Homo sapiens fructose-1,6-bisphosphatase 1 (FBP1), trar  
, mRNA;  
;  
it 1, mRNA; gi|160333221|ref|NM\_001110503.1| Homo sapiens transmembrane protein 87A (TMEM87

transcript variant 3, mRNA; gi|160333405|ref|NM\_001110357.1| Homo sapiens ribonuclease, RNase A

nscrip variant 2, mRNA; gi|160358337|ref|NM\_152607.2| Homo sapiens chromosome 1 open reading  
scrip variant 2, mRNA; gi|160358849|ref|NM\_001110354.1| Homo sapiens zona pellucida glycoprotein

160420313|ref|NM\_001456.3| Homo sapiens filamin A, alpha (FLNA), transcript variant 1, mRNA;  
ant 2, mRNA; gi|160420325|ref|NM\_006930.3| Homo sapiens S-phase kinase-associated protein 1 (SKP  
v2), mRNA;

IA;  
, transcript variant 2, mRNA; gi|160707948|ref|NM\_004992.3| Homo sapiens methyl CpG binding pro  
ve) (UBR3), mRNA;

r RNA;  
olar RNA;  
olar RNA;  
olar RNA;  
ing) (MESTIT1), non-coding RNA;  
ar RNA;  
RNA;  
A;

cleolar RNA;

olar RNA;

ar RNA;

ir RNA;

ir RNA;

RNA;

r RNA;

r RNA;

12kDa (NDUFB3), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|3800360

, 22kDa (NDUFB10), nuclear gene encoding mitochondrial protein, mRNA;

A;

cleolar RNA;

olar RNA;

ipt variant D, mRNA; gi|16118230|ref|NM\_033347.1| Homo sapiens potassium channel, subfamily K, n

RNA; gi|161333838|ref|NM\_001111033.1| Homo sapiens activin A receptor, type IC (ACVR1C), transc

script variant 2, mRNA; gi|161333851|ref|NM\_145032.3| Homo sapiens F-box and leucine-rich repeat

) (EGOT), non-coding RNA;

RNA; gi|161353476|ref|NM\_152736.4| Homo sapiens zinc finger protein 187 (ZNF187), transcript vari

nuclear gene encoding mitochondrial protein, mRNA;

ATP2A2), transcript variant a, mRNA; gi|161377445|ref|NM\_170665.3| Homo sapiens ATPase, Ca++ tra

t variant 1, mRNA; gi|161377449|ref|NM\_001611.3| Homo sapiens acid phosphatase 5, tartrate resist

, 7.5kDa (NDUFA1), nuclear gene encoding mitochondrial protein, mRNA;

mRNA;

77469|ref|NM\_001111046.1| Homo sapiens cyclin A1 (CCNA1), transcript variant 3, mRNA; gi|1613774

ant 1, mRNA; gi|201023342|ref|NM\_001134939.1| Homo sapiens ornithine decarboxylase antizyme 3

RNA;

on-coding RNA;



l, mRNA; gi|161484630|ref|NM\_005599.3| Homo sapiens nescient helix loop helix 2 (NHLH2), transcrip

ar RNA;

ar RNA;

lear RNA;

NM\_001111077.1| Homo sapiens ezrin (EZR), transcript variant 2, mRNA;

ranscript variant CRIP1b, mRNA; gi|161783805|ref|NM\_015463.2| Homo sapiens cannabinoid receptor

F6), mRNA;

ipt variant 3, mRNA; gi|162329606|ref|NM\_006202.2| Homo sapiens phosphodiesterase 4A, cAMP-spe

l (SPCS2), mRNA;

ating activity polypeptide O (GNAO1), transcript variant 2, mRNA; gi|162461666|ref|NM\_020988.2| Hc

D2B), mRNA;

1, mRNA; gi|162951871|ref|NM\_199131.2| Homo sapiens ventral anterior homeobox 1 (VAX1), transcr

; gi|162951879|ref|NM\_006852.3| Homo sapiens tousled-like kinase 2 (TLK2), transcript variant A, mR

i306486|ref|NM\_033646.1| Homo sapiens cadherin 7, type 2 (CDH7), transcript variant a, mRNA;

JA;

JA;

l3), mRNA;

iae) (IBA57), mRNA;

cript variant 4, mRNA; gi|163310744|ref|NM\_001112718.1| Homo sapiens LIM and calponin homology

nt 1, mRNA; gi|163644281|ref|NM\_145001.3| Homo sapiens serine/threonine kinase 32A (STK32A), tra

mRNA; gi|16332359|ref|NM\_033487.1| Homo sapiens cyclin-dependent kinase 11B (CDK11B), transcri

l;

ant 2, mRNA; gi|163644268|ref|NM\_000631.4| Homo sapiens neutrophil cytosolic factor 4, 40kDa (NCF4), mRNA;

; gi|163644288|ref|NM\_181830.2| Homo sapiens neurofibromin 2 (merlin) (NF2), transcript variant 7,

3a (GABPA), transcript variant 1, mRNA; gi|308818208|ref|NM\_001197297.1| Homo sapiens GA bindin

peptide 5 (B4GALT5), mRNA;

RNA;

3B), mRNA;

peptide 1 (UQCRF51), nuclear gene encoding mitochondrial protein, mRNA;

mRNA; gi|163659849|ref|NM\_138763.3| Homo sapiens BCL2-associated X protein (BAX), transcript variant 1, mRNA; gi|376319255|ref|NM\_001256743.1| Homo sapiens glutamate receptor, ionotropic transcript variant 1, mRNA; gi|163659902|ref|NM\_001111285.1| Homo sapiens insulin-like growth factor

A;

7298|ref|NR\_027691.1| Homo sapiens pannexin 2 (PANX2), transcript variant 3, non-coding RNA; gi|231111111|ref|NM\_001111111.1| Homo sapiens ubiquitin-like modifier activating transcript variant 1, mRNA; gi|163659923|ref|NM\_198329.2| Homo sapiens ubiquitin-like modifier activating transcript variant 1, mRNA; gi|163660386|ref|NM\_001111113.1| Homo sapiens ubiquitin-conjugating enzyme E2K (UBC1) transcript variant 1, mRNA; gi|320461685|ref|NM\_001202423.1| Homo sapiens TRM1 tRNA methyltransferase 1-

family, member 1 (KCNC1), transcript variant A, mRNA; gi|163792199|ref|NM\_004976.4| Homo sapiens protein 1 (ST8SIA1), mRNA;

16), mRNA;

18A), transcript variant 1, mRNA; gi|163838628|ref|NM\_015224.3| Homo sapiens family with sequence

1), mRNA;

DT1L), mRNA;

containing 1 (TSTD1), transcript variant 1, mRNA; gi|163965374|ref|NM\_001113206.1| Homo sapiens tRNA (DACT2), mRNA;

gene encoding mitochondrial protein, mRNA;

ing RNA;

gene 1 (UBE2Q2P1), non-coding RNA;

transcript variant 1, mRNA; gi|14277689|ref|NM\_015864.2| Homo sapiens family with sequence similar to 14430|ref|NM\_001113226.1| Homo sapiens netrin G1 (NTNG1), transcript variant 1, mRNA; gi|543121111|ref|NM\_001111111.1| Homo sapiens

bunit 1 (45kDa) (PAFAH1B1), mRNA;

transcript variant 1, mRNA; gi|51094100|ref|NM\_024072.3| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box domain of chromatin, subfamily a, member 1 (SMARCA1), transcript variant 1, mRNA; gi|164419748|ref|NM\_001111111.1| Homo sapiens

acy, complementation group 4 (ERCC4), mRNA;

;

l, transcript variant b, mRNA; gi|164565451|ref|NM\_001031690.2| Homo sapiens family with sequence  
, mRNA;

ir) (HSPB7), mRNA;

ant 2, mRNA; gi|164519137|ref|NM\_001113348.1| Homo sapiens endothelin converting enzyme 1 (EC  
;

iant 1, mRNA; gi|164565367|ref|NM\_001113361.1| Homo sapiens TBC1 domain family, member 14 (T  
Gef domain) member 2 (PLEKHG2), mRNA;

NA; gi|164565426|ref|NM\_033030.5| Homo sapiens bol, boule-like (Drosophila) (BOLL), transcript var  
25), mRNA;

3), mRNA;

;

), mRNA;

mber 2 (SLC5A2), mRNA;

5 (SLC5A5), mRNA;

), nuclear gene encoding mitochondrial protein, mRNA;

RNA; gi|164663777|ref|NM\_001113397.1| Homo sapiens zinc finger protein 385B (ZNF385B), transcrip  
isiae) (AMN1), transcript variant 1, mRNA; gi|164663799|ref|NR\_004854.1| Homo sapiens antagonist c

t B, mRNA; gi|164698545|ref|NM\_001031749.2| Homo sapiens LY6/PLAUR domain containing 5 (LYPD  
(RIMKLA), mRNA;

gi|164663815|ref|NM\_001113407.1| Homo sapiens LIM domain binding 1 (LDB1), transcript variant 1,  
nscript variant 3, mRNA; gi|42714663|ref|NM\_203287.1| Homo sapiens pregnancy specific beta-1-glyc  
RNA;

script variant 1, mRNA; gi|324711014|ref|NM\_001204402.1| Homo sapiens phosphoribosyl pyrophosp

t 2, mRNA; gi|164664485|ref|NM\_001102445.2| Homo sapiens regulator of G-protein signaling 4 (RGS

variant 1, mRNA; gi|380692341|ref|NM\_001257191.1| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box helic

t 2, mRNA; gi|164698459|ref|NM\_001113482.1| Homo sapiens mannosidase, endo-alpha-like (MANEA  
3495|ref|NM\_001113492.1| Homo sapiens septin 9 (SEPT9), transcript variant 5, mRNA; gi|164698490

A;

P15), transcript variant 1, mRNA; gi|22749258|ref|NM\_152615.1| Homo sapiens poly (ADP-ribose) pol

rRNA; gi|165377163|ref|NM\_152287.3| Homo sapiens zinc finger protein 276 (ZNF276), transcript vari  
mRNA; gi|165377208|ref|NM\_001113528.1| Homo sapiens methyltransferase like 15 (METTL15), trans

5A5), mRNA;

|ref|NM\_173059.1| Homo sapiens zonadhesin (ZAN), transcript variant 6, mRNA;

ie encoding mitochondrial protein, mRNA;

ie encoding mitochondrial protein, mRNA;

122), transcript variant 4, mRNA; gi|256773255|ref|NM\_052985.2| Homo sapiens intraflagellar transpc

ie encoding mitochondrial protein, mRNA;

2 (PSTPIP2), mRNA;

1, mRNA; gi|291621663|ref|NM\_001174118.1| Homo sapiens mex-3 homolog D (C. elegans) (MEX3D),

A; gi|165932345|ref|NM\_001113561.1| Homo sapiens ring finger protein 180 (RNF180), transcript var

NA;

iEFL1), mRNA;

C1D3P1-DHX40P1), non-coding RNA;

nt 2, mRNA; gi|166063998|ref|NM\_001113738.1| Homo sapiens ADP-ribosylation factor-like 17A (ARL:

it variant 2, non-coding RNA; gi|166064006|ref|NR\_004859.1| Homo sapiens SCAN domain containing

!, mRNA; gi|166064026|ref|NM\_001113575.1| Homo sapiens cyclin-dependent kinase-like 3 (CDKL3), t

252911|ref|NM\_133265.2| Homo sapiens angiomin (AMOT), transcript variant 2, mRNA;

er), member 5 (SLC22A5), mRNA;

), transcript variant 2, mRNA; gi|166064037|ref|NM\_001113513.1| Homo sapiens Rho guanine nucleo

rRNA; gi|166064053|ref|NM\_001113535.1| Homo sapiens folate receptor 2 (fetal) (FOLR2), transcript v

: variant 2, mRNA; gi|221136758|ref|NM\_002555.5| Homo sapiens solute carrier family 22, member 18

), transcript variant 2, mRNA; gi|166064064|ref|NM\_002831.5| Homo sapiens protein tyrosine phosph

), non-coding RNA;

ix), antisense RNA;

ng RNA;

-coding RNA;

on-coding RNA;

ne 1 (GBP1P1), non-coding RNA;

g RNA;

NA;

NA; gi|166158918|ref|NM\_013998.2| Homo sapiens tachykinin, precursor 1 (TAC1), transcript variant c

NA;

NA;

ariant 1, mRNA; gi|166197682|ref|NM\_012268.2| Homo sapiens phospholipase D family, member 3 (P  
script variant 1, mRNA; gi|166197689|ref|NM\_001114090.1| Homo sapiens neuronal guanine nucleoti  
saminyltransferase, isozyme C (putative) (MGAT4C), mRNA;  
D3), mRNA;  
it 1, mRNA; gi|166197707|ref|NM\_001114092.1| Homo sapiens THUMP domain containing 3 (THUMPI  
nscript variant 1, mRNA; gi|166197709|ref|NM\_015578.2| Homo sapiens LSM14A, SCD6 homolog A (S.  
t variant 4, mRNA; gi|347360911|ref|NM\_000757.5| Homo sapiens colony stimulating factor 1 (macro  
2, non-coding RNA; gi|166235159|ref|NM\_001039693.2| Homo sapiens tRNA-yW synthesizing protein  
rotein 1 (NUFIP1), mRNA;  
;  
ariant 2, mRNA; gi|166235172|ref|NM\_001114106.1| Homo sapiens solute carrier family 44, member 3  
iant 2, mRNA; gi|166235179|ref|NM\_001114108.1| Homo sapiens tetratricopeptide repeat domain 22  
mRNA;  
  
ve) (ENTPD6), transcript variant 1, mRNA; gi|166235894|ref|NM\_001114089.1| Homo sapiens ectonuc  
900|ref|NM\_001114094.1| Homo sapiens B-cell linker (BLNK), transcript variant 2, mRNA;  
C1QC), transcript variant 1, mRNA; gi|166235904|ref|NM\_172369.3| Homo sapiens complement comp  
L, mRNA; gi|166295186|ref|NM\_017779.4| Homo sapiens DEP domain containing 1 (DEPDC1), transcri  
P7A1), mRNA;  
;  
NA; gi|166362720|ref|NM\_001798.3| Homo sapiens cyclin-dependent kinase 2 (CDK2), transcript varia  
56362722|ref|NM\_000734.3| Homo sapiens CD247 molecule (CD247), transcript variant 2, mRNA;  
P8B1), mRNA;  
5|ref|NM\_004395.3| Homo sapiens drebrin 1 (DBN1), transcript variant 1, mRNA;  
;  
script variant 2, mRNA; gi|166362734|ref|NM\_000119.2| Homo sapiens erythrocyte membrane proteir  
;  
ar RNA;  
ir RNA;  
ar RNA;  
RNA; gi|166706866|ref|NM\_024875.3| Homo sapiens synaptopodin 2-like (SYNPO2L), transcript varian  
F2), transcript variant 1, mRNA; gi|256419013|ref|NM\_001164392.1| Homo sapiens metal response el  
nRNA;

RNA;  
nRNA;

PIK3R3), transcript variant 1, mRNA; gi|166795246|ref|NM\_001114172.1| Homo sapiens phosphoinos

A1), mRNA;

IA; gi|166795261|ref|NM\_153207.4| Homo sapiens AE binding protein 2 (AEBP2), transcript variant 1, i

e encoding mitochondrial protein, mRNA;

mber 1 (SLC2A1), mRNA;

1L), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|166795302|ref|NM\_0

l), transcript variant 1, mRNA; gi|166851826|ref|NM\_005794.3| Homo sapiens dehydrogenase/reducta:  
ielial-specific ) (ELF3), transcript variant 2, mRNA; gi|167235022|ref|NM\_004433.4| Homo sapiens E74-  
main 6 (AGAP6), mRNA;

riant 1, mRNA; gi|166999222|ref|NM\_001114329.1| Homo sapiens glutamate receptor, metabotropic  
), transcript variant 1, mRNA; gi|166999782|ref|NM\_001114171.1| Homo sapiens FBJ murine osteosar  
ILC), non-coding RNA;

transcript variant 3, mRNA; gi|167000239|ref|NM\_001470.2| Homo sapiens gamma-aminobutyric acid  
GABRA2), transcript variant 2, mRNA; gi|167000750|ref|NM\_000807.2| Homo sapiens gamma-aminob

cript variant 2, mRNA; gi|167001418|ref|NM\_000827.3| Homo sapiens glutamate receptor, ionotropic  
.67001642|ref|NM\_001114185.1| Homo sapiens mevalonate kinase (MVK), transcript variant 2, mRNA;

GRIN2B), mRNA;

RNA; gi|167004109|ref|NM\_023033.3| Homo sapiens methyltransferase like 1 (METTL1), transcript var

;  
A;  
mRNA;

;  
ript variant 2, mRNA; gi|338968906|ref|NM\_001242884.1| Homo sapiens zinc finger and BTB domain c  
; gi|116256349|ref|NM\_001077183.1| Homo sapiens tuberous sclerosis 2 (TSC2), transcript variant 4, r

er 1) (IFNGR2), mRNA;

ranscript variant 1, mRNA; gi|167466174|ref|NM\_001256.3| Homo sapiens cell division cycle 27 homo

57466189|ref|NM\_001114377.1| Homo sapiens forkhead box P3 (FOXP3), transcript variant 2, mRNA;

nction-associated antigen 1; alpha polypeptide) (ITGAL), transcript variant 2, mRNA; gi|167466214|ref|

antitrypsin), member 13 (pseudogene) (SERPINA13), non-coding RNA;

1 (CYP27C1), mRNA;

RNA;

ript variant 1, mRNA; gi|167466251|ref|NM\_001114387.1| Homo sapiens transmembrane protease, s  
[MS4A10), mRNA;

NA;

), nuclear gene encoding mitochondrial protein, mRNA;

5A8), mRNA;

rt variant 2, mRNA; gi|167555094|ref|NM\_173797.3| Homo sapiens PAP associated domain containing  
nt 2, mRNA; gi|110815814|ref|NM\_017738.2| Homo sapiens centlein, centrosomal protein (CNTLN), tr

ng mitochondrial protein, mRNA;

1), transcript variant 1, mRNA; gi|167614494|ref|NM\_007334.2| Homo sapiens killer cell lectin-like rec

nRNA;

4A; gi|15967158|ref|NM\_033507.1| Homo sapiens glucokinase (hexokinase 4) (GCK), transcript variant  
-coding RNA;

LA), mRNA;

transcript variant 1, mRNA; gi|167736375|ref|NM\_001024656.2| Homo sapiens aspartate dehydrogen  
nscript variant 1, mRNA; gi|167736387|ref|NM\_015609.3| Homo sapiens chromosome 1 open reading  
atriuretic peptide receptor A) (NPR1), mRNA;

cript variant 1, mRNA; gi|167830435|ref|NM\_001114397.1| Homo sapiens DEAH (Asp-Glu-Ala-His) box  
RNA;  
L2A), mRNA;

ariant 1, mRNA; gi|167830476|ref|NM\_001114614.1| Homo sapiens milk fat globule-EGF factor 8 prote  
mRNA;  
2), mRNA;  
6B), mRNA;  
ucosaminyltransferase (MGAT1), transcript variant 1, mRNA; gi|167857777|ref|NM\_002406.3| Homo s  
;

ant 2, mRNA; gi|167857797|ref|NM\_001114635.1| Homo sapiens pleiomorphic adenoma gene 1 (PLAC  
: variant 1, mRNA; gi|310703679|ref|NM\_001198588.1| Homo sapiens JMJD7-PLA2G4B readthrough (J  
;

GT1B), mRNA;  
RNA;  
(SERPINB5), mRNA;  
:ript variant 2, mRNA; gi|167860137|ref|NM\_001114636.1| Homo sapiens Fanconi anemia, compleme  
VA;

POLR2E), mRNA;

mRNA;

L, mRNA; gi|307691168|ref|NM\_001195731.1| Homo sapiens chondroitin polymerizing factor (CHPF), t  
east) (BUB1B), mRNA;  
mRNA;

rotein coding) (CECR7), non-coding RNA;

NA;

RNA;

tide (BCKDHB), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|168480068  
mRNA; gi|168480070|ref|NM\_004049.3| Homo sapiens BCL2-related protein A1 (BCL2A1), transcript v

mRNA;



transcript variant 2, mRNA; gi|168480130|ref|NM\_004458.2| Homo sapiens acyl-CoA synthetase long-t

i|21071019|ref|NM\_020983.2| Homo sapiens adenylate cyclase 6 (ADCY6), transcript variant 2, mRNA;  
, non-coding RNA;

02), mRNA;

ar gene encoding mitochondrial protein, mRNA;

mRNA; gi|168693431|ref|NM\_030621.3| Homo sapiens dicer 1, ribonuclease type III (DICER1), transcr

;

NA;

ent (Cromer blood group) (CD55), transcript variant 2, mRNA; gi|167621447|ref|NM\_000574.3| Homo  
|ref|NM\_001114753.1| Homo sapiens endoglin (ENG), transcript variant 1, mRNA;

B-cells inhibitor, alpha (NFKBIA), mRNA;

;

non-coding RNA;

RNA;

;

nRNA;

RNA; gi|47524166|ref|NM\_213725.1| Homo sapiens ribosomal protein, large, P1 (RPLP1), transcript va  
.83), mRNA; gi|113408793|ref|XM\_173015.4| PREDICTED: Homo sapiens hypothetical protein LOC2564  
(97), mRNA;

.00130800), mRNA; gi|169161118|ref|XM\_001719118.1| PREDICTED: Homo sapiens hypothetical prote

), mRNA; gi|17451118|ref|XM\_060943.1| PREDICTED: Homo sapiens nuclear transport factor 2-like (LC

.00131354), mRNA;

.00133301), mRNA;

00000339743-like (LOC729587), mRNA;

.OC650157), mRNA; gi|169163386|ref|XM\_001129774.2| PREDICTED: Homo sapiens peptidyl-prolyl cis

re (LOC730268), mRNA; gi|310118952|ref|XM\_003118862.1| PREDICTED: Homo sapiens anaphase-pro

(91), mRNA; gi|239741941|ref|XM\_931148.3| PREDICTED: Homo sapiens hypothetical protein LOC6428

9182|ref|XM\_001130287.3| PREDICTED: Homo sapiens destrin-like (LOC729454), mRNA;

.80), mRNA; gi|51464814|ref|XM\_379325.2| PREDICTED: Homo sapiens hypothetical protein LOC40118

.00127961), mRNA; gi|169169623|ref|XM\_001718291.1| PREDICTED: Homo sapiens hypothetical prote  
.00131608), mRNA; gi|169172681|ref|XM\_001715126.1| PREDICTED: Homo sapiens hypothetical prote  
.00133251), mRNA;  
.00133047), mRNA; gi|169173360|ref|XM\_001716173.1| PREDICTED: Homo sapiens hypothetical prote  
.00129098), mRNA; gi|169173077|ref|XM\_001714893.1| PREDICTED: Homo sapiens hypothetical prote  
t chain 3B-like (LOC392288), mRNA; gi|310120305|ref|XM\_373277.6| PREDICTED: Homo sapiens micr  
.00129744), mRNA; gi|169206186|ref|XM\_001721446.1| PREDICTED: Homo sapiens hypothetical prote  
i70), mRNA; gi|169208213|ref|XM\_929612.3| PREDICTED: Homo sapiens hypothetical protein LOC6466  
.00131091), mRNA;  
.00130370), mRNA; gi|310113195|ref|XM\_001714096.2| PREDICTED: Homo sapiens hypothetical prote  
.00128105), mRNA; gi|169211177|ref|XM\_001721678.1| PREDICTED: Homo sapiens hypothetical prote  
i26), mRNA; gi|113428297|ref|XM\_001133811.1| PREDICTED: Homo sapiens hypothetical protein LOC  
ed, member 3 (FAM197Y3), mRNA;

|169234646|ref|NM\_001114974.1| Homo sapiens smoothelin-like 2 (SMTNL2), transcript variant 1, m  
gi|169234664|ref|NM\_001114982.1| Homo sapiens tumor protein p63 (TP63), transcript variant 6, mR

RNA; gi|169234720|ref|NM\_001115007.1| Homo sapiens lin-54 homolog (C. elegans) (LIN54), transcrip  
;

ne encoding mitochondrial protein, transcript variant 3, mRNA; gi|169234764|ref|NM\_170738.2| Hom

KCTD17), mRNA;

NA;

st variant 2, mRNA; gi|169234786|ref|NM\_001115016.1| Homo sapiens KAT8 regulatory NSL complex :  
V1), mRNA;

2D2), mRNA;

RNA; gi|169234806|ref|NM\_015401.3| Homo sapiens histone deacetylase 7 (HDAC7), transcript varian  
NA;

nRNA;

ASSF2), transcript variant 1, mRNA; gi|25777676|ref|NM\_170774.1| Homo sapiens Ras association (Ra  
P3A43), transcript variant 2, mRNA; gi|16933531|ref|NM\_022820.3| Homo sapiens cytochrome P450,

VNT10A), mRNA;

16936541|ref|NM\_057094.1| Homo sapiens crystallin, beta A2 (CRYBA2), transcript variant 3, mRNA; g  
mRNA; gi|169403958|ref|NM\_001115116.1| Homo sapiens ankyrin repeat domain 53 (ANKRD53), tra

ne encoding mitochondrial protein, mRNA;

ne encoding mitochondrial protein, mRNA;

ne encoding mitochondrial protein, mRNA;

ne encoding mitochondrial protein, mRNA;

ne encoding mitochondrial protein, mRNA;

ne encoding mitochondrial protein, transcript variant 1, mRNA; gi|169403974|ref|NM\_024540.3| Homo sapiens  
;  
A;

gi|169636416|ref|NM\_001115131.1| Homo sapiens complement component 6 (C6), transcript variant 1, mRNA;

ne encoding mitochondrial protein, mRNA;  
ne encoding mitochondrial protein, transcript variant 1, mRNA; gi|169646175|ref|NM\_145644.2| Homo sapiens

ne encoding mitochondrial protein, transcript variant 1, mRNA; gi|169646185|ref|NM\_001014990.2| Homo sapiens

ne encoding mitochondrial protein, mRNA;  
eductase) (SPR), mRNA;

ne encoding mitochondrial protein, transcript variant 4, mRNA; gi|169646302|ref|NM\_181305.2| Homo sapiens  
ne encoding mitochondrial protein, mRNA;  
A;

ne encoding mitochondrial protein, transcript variant 5, mRNA; gi|169646407|ref|NM\_181464.2| Homo sapiens  
ne encoding mitochondrial protein, mRNA;

; mRNA; gi|169646436|ref|NM\_001494.3| Homo sapiens GDP dissociation inhibitor 2 (GDI2), transcript variant 1, non-coding RNA;  
ling RNA;

ne encoding mitochondrial protein, mRNA;  
9646748|ref|NM\_001118887.1| Homo sapiens angiopoietin 2 (ANGPT2), transcript variant 2, mRNA; gi|169646748|ref|NM\_001118887.1| Homo sapiens angiopoietin 2 (ANGPT2), transcript variant 2, mRNA; gi|343887375|ref|NM\_001243659.1| Homo sapiens glutaredoxin (thioltransferase) (GLRX)  
n (GML), mRNA;

iting activity polypeptide 3 (GNAI3), mRNA;  
tRNA;

clear gene encoding mitochondrial protein, mRNA;  
ne encoding mitochondrial protein, mRNA;

ne encoding mitochondrial protein, mRNA;  
;

), mRNA;

transcript variant 2, mRNA; gi|377823730|ref|NM\_001256794.1| Homo sapiens bone morphogenetic protein 2 (SHC2), mRNA;

tRNA;  
A;

cript variant A, mRNA; gi|169790832|ref|NM\_001122606.1| Homo sapiens lysosomal-associated membrane protein 1 (LAMP1), mRNA;

variant 3, mRNA; gi|169790826|ref|NM\_001001890.2| Homo sapiens runt-related transcription factor 1 (RUNX1), mRNA;

variant B, mRNA; gi|169790844|ref|NM\_016567.3| Homo sapiens BRCA2 and CDKN1A interacting protein encoding mitochondrial protein, mRNA;

1C), transcript variant 3, mRNA; gi|169790897|ref|NM\_000076.2| Homo sapiens cyclin-dependent kinase encoding mitochondrial protein, mRNA;

e (MTR), mRNA;

6-acylgalactosaminyltransferase 9 (GalNAc-T9) (GALNT9), transcript variant A, mRNA; gi|169790924|ref|NM\_001106111.1| Homo sapiens mitochondrial protein, mRNA;

5-methyltetrahydropteroylglutamate reductase (MTRR), transcript variant 2, mRNA; gi|169790957|ref|NM\_002454.2| Homo sapiens 5-methyltetrahydropteroylglutamate reductase (MTRR), transcript variant 2, mRNA;

2 (ARK2), transcript variant 3, mRNA; gi|169790968|ref|NM\_004562.2| Homo sapiens parkinson protein 2 (ARK2), transcript variant 3, mRNA;

RNA;

1), mRNA;

mitochondrial protein, mRNA;

TNFRSF13C), mRNA;

2), mRNA;

RNA; gi|169808424|ref|NM\_001031835.2| Homo sapiens phosphorylase kinase, beta (PHKB), transcript variant 1, mRNA;

Y), transcript variant 2, mRNA; gi|169881238|ref|NM\_001122665.1| Homo sapiens DEAD (Asp-Glu-Ala-Gly) domain containing 1 (DEAD1), transcript variant 2, mRNA;

, mRNA;

mRNA; gi|169881254|ref|NM\_033000.2| Homo sapiens general transcription factor IIIi (GTF2I), transcript variant 1, mRNA;

, mRNA; gi|295054187|ref|NM\_001177660.1| Homo sapiens hyaluronan binding protein 2 (HABP2), transcript variant 2, mRNA; gi|289176993|ref|NM\_001172436.1| Homo sapiens phosphorylase kinase, alpha (PHKA2), transcript variant 3, mRNA; gi|95147550|ref|NM\_004059.4| Homo sapiens cysteine conjugate-beta lyase (CBCL), transcript variant 2, mRNA; gi|169881284|ref|NM\_002858.3| Homo sapiens ATP-binding cassette transporter 1 (ABCA1), transcript variant 1, mRNA; gi|170014679|ref|NM\_001023571.2| Homo sapiens IQ motif containing B1 (IQCB1), transcript variant 1, mRNA;

antisense RNA;

variant 2, mRNA; gi|170014702|ref|NM\_003023.4| Homo sapiens SH3-domain binding protein 2 (SH3BP2), transcript variant 2, mRNA;

erythrocyte membrane protein band 3, Diego blood group) (SLC4A1), mRNA;

channel member 6 (TRPC6), mRNA;

A;

RNA;

[NADH-coenzyme Q reductase) (NDUFS4), nuclear gene encoding mitochondrial protein, mRNA;

NT11), mRNA;

NT9B), mRNA;

oding mitochondrial protein, mRNA;

; gi|170295798|ref|NM\_000125.3| Homo sapiens estrogen receptor 1 (ESR1), transcript variant 1, mRNA  
L (SERPINI1), transcript variant 1, mRNA; gi|170295806|ref|NM\_001122752.1| Homo sapiens serpin pe

ig mitochondrial protein, transcript variant 1, mRNA; gi|170650614|ref|NM\_001122764.1| Homo sapie  
;

: variant 2, mRNA; gi|170650642|ref|NM\_015482.1| Homo sapiens solute carrier family 22, member 2:  
IPP1), mRNA;

), mRNA;

mRNA;

nscript variant 1, mRNA; gi|170650683|ref|NM\_032522.3| Homo sapiens zinc finger and BTB domain c

mRNA;

cript variant 2, non-coding RNA; gi|170650704|ref|NM\_032811.2| Homo sapiens transforming growth  
r 5 (SLC17A5), mRNA;

eta, mRNA; gi|170650728|ref|NM\_000306.2| Homo sapiens POU class 1 homeobox 1 (POU1F1), trans

(SLC19A2), mRNA;

(MMS19), mRNA;

RNA; gi|170763494|ref|NM\_016547.2| Homo sapiens stromal cell derived factor 4 (SDF4), transcript v:

[GTF3C5), transcript variant 1, mRNA; gi|170763505|ref|NM\_012087.3| Homo sapiens general transcrip

.1), mRNA;

ipt variant 4, mRNA; gi|170763528|ref|NM\_001122826.1| Homo sapiens epithelial splicing regulatory p

NA; gi|170784808|ref|NM\_001122819.1| Homo sapiens kinesin family member 17 (KIF17), transcript v

), mRNA;

ariant 2, mRNA; gi|170784827|ref|NM\_014283.3| Homo sapiens chromosome 1 open reading frame 9

VA; gi|170784841|ref|NM\_020423.5| Homo sapiens SCY1-like 3 (S. cerevisiae) (SCYL3), transcript variant 1, mRNA; gi|170784857|ref|NM\_031414.3| Homo sapiens serine/threonine kinase 31 (STK31), transcript variant 1, mRNA;

mRNA;

50A1), transcript variant 1, mRNA; gi|170932484|ref|NM\_001122839.1| Homo sapiens solute carrier family 12 member 1, mRNA;

LD), transcript variant 2, mRNA; gi|170932482|ref|NM\_001122838.1| Homo sapiens N-acyl phosphatidylcholine acyltransferase 1, mRNA;

mRNA;

mRNA; gi|170932511|ref|NM\_001122841.1| Homo sapiens FERM domain containing 1 (FRMD1), transcript variant 1, mRNA;

mRNA;

1) (ABCB10), nuclear gene encoding mitochondrial protein, mRNA;

34446|ref|NM\_001122853.1| Homo sapiens myozenin 3 (MYOZ3), transcript variant 1, mRNA;

mRNA;

1460913|ref|NM\_012062.3| Homo sapiens dynamin 1-like (DNM1L), transcript variant 1, mRNA; gi|171460938|ref|NM\_145198.2| Homo sapiens lipoyltransferase 1, mRNA;

ndrial protein, transcript variant 3, mRNA; gi|171460938|ref|NM\_145198.2| Homo sapiens lipoyltransferase 1, mRNA;

mRNA;

r gene encoding mitochondrial protein, mRNA;

it 1, mRNA; gi|171543822|ref|NM\_153338.2| Homo sapiens gamma-glutamyltransferase 6 (GGT6), transcript variant 1, mRNA;

ncy, complementation group 6 (ERCC6), mRNA;

MAA), nuclear gene encoding mitochondrial protein, mRNA;  
receptor) (ITGA3), transcript variant b, mRNA; gi|171846266|ref|NM\_002204.2| Homo sapiens integrin

(BZRAP1), transcript variant 1, mRNA; gi|171906566|ref|NM\_024418.1| Homo sapiens benzodiazepine

906572|ref|NM\_014063.6| Homo sapiens drebrin-like (DBNL), transcript variant 1, mRNA; gi|17190657

nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|171906592|ref|NM\_001121  
mRNA;

number 13 (SLC25A13), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|23764

IA;

ase, H blood group) (FUT1), mRNA;

script variant 1, mRNA; gi|171906618|ref|NM\_001097638.2| Homo sapiens fucosyltransferase 2 (secretory  
RNA;

), mRNA;

(SMEK2), transcript variant 1, mRNA; gi|171919774|ref|NM\_020463.2| Homo sapiens SMEK homolog 2

RNA;

ant 1, mRNA; gi|172072606|ref|NM\_172059.2| Homo sapiens eyes absent homolog 1 (Drosophila) (EY.

(VAMP2), mRNA;

(PDGFRA), mRNA;

L (PSTPIP1), mRNA;

RNA; gi|17402881|ref|NM\_058248.1| Homo sapiens deoxyribonuclease II beta (DNASE2B), transcript

script variant 1, mRNA; gi|17402883|ref|NM\_020958.2| Homo sapiens protein phosphatase 4, regulatory

1, mRNA; gi|17402894|ref|NM\_002876.2| Homo sapiens RAD51 homolog C (S. cerevisiae) (RAD51C),

transcript variant 2, mRNA; gi|119874202|ref|NM\_016226.3| Homo sapiens vacuolar protein sorting 2

NT16), transcript variant 2, mRNA; gi|17402915|ref|NM\_057168.1| Homo sapiens wingless-type MMT

NT5B), transcript variant 2, mRNA; gi|17402920|ref|NM\_032642.2| Homo sapiens wingless-type MMT

1 (SLAMF1), mRNA;

A;

A;

;
A;
L4G), mRNA;
ST5), mRNA;
A), mRNA;

i|168693615|ref|NR\_015369.1| Homo sapiens uncharacterized LOC441094 (FLJ42709), non-coding RN.
IA;

E3), mRNA;
l, mRNA;

11 (SLC5A11), mRNA;
transcript variant 3, mRNA; gi|17978478|ref|NM\_022575.2| Homo sapiens vacuolar protein sorting 1f
mRNA;
ant 1, mRNA; gi|209862866|ref|NM\_001136033.1| Homo sapiens poly-U binding splicing factor 60KDa
(SERPINB12), mRNA;

nuclear gene encoding mitochondrial protein, mRNA;

|NM\_005992.1| Homo sapiens T-box 1 (TBX1), transcript variant B, mRNA; gi|18104949|ref|NM\_08064
otein 2 (APPBP2), mRNA;
synthase and cyclooxygenase) (PTGS1), transcript variant 2, mRNA; gi|18104966|ref|NM\_000962.2| Hc
. mRNA;
ryocyte) (PTPN4), mRNA;
2), mRNA;
COX7A1), nuclear gene encoding mitochondrial protein, mRNA;
A2L), nuclear gene encoding mitochondrial protein, mRNA;
ncoding mitochondrial protein, mRNA;
ncoding mitochondrial protein, mRNA;

ar gene encoding mitochondrial protein, mRNA;
HEX), mRNA;
ng RNA;
neme A: farnesyltransferase (yeast) (COX10), nuclear gene encoding mitochondrial protein, mRNA;
1, mRNA; gi|375065829|ref|NM\_001256545.1| Homo sapiens multiple EGF-like-domains 10 (MEGF10)

: gi|181336946|ref|NM\_000795.3| Homo sapiens dopamine receptor D2 (DRD2), transcript variant 1, n
LC7A14), mRNA;
1), nuclear gene encoding mitochondrial protein, mRNA;



3 (4 domains) (SRCRB4D), mRNA;  
, nuclear gene encoding mitochondrial protein, mRNA;

tigen CD29 includes MDF2, MSK12) (ITGB1), transcript variant 1E, mRNA; gi|182507160|ref|NM\_03366

ievis) (DACT3), mRNA;  
nscript variant 1, mRNA; gi|182507166|ref|NM\_022455.4| Homo sapiens nuclear receptor binding SET  
171|ref|NM\_001024629.2| Homo sapiens neuropilin 1 (NRP1), transcript variant 3, mRNA; gi|3502762  
t variant 2, mRNA; gi|182509179|ref|NM\_001123329.1| Homo sapiens zinc finger and BTB domain con  
pt variant 1, mRNA; gi|326381069|ref|NM\_001205028.1| Homo sapiens Mdm1 nuclear protein homol  
(SPSB4), mRNA;

nt (ERGIC) 1 (ERGIC1), mRNA;

, mRNA; gi|260166611|ref|NM\_001165960.1| Homo sapiens arachidonate lipxygenase 3 (ALOXE3), tr

MSD), mRNA;  
RNA;  
/isiae) (MTO1), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|183227701

A; gi|183227676|ref|NM\_007262.4| Homo sapiens parkinson protein 7 (PARK7), transcript variant 1, m  
nuloocyte-macrophage) (CSF2RB), mRNA;  
gi|183227687|ref|NM\_001123378.1| Homo sapiens adenylosuccinate lyase (ADSL), transcript variant  
'A1), mRNA;  
;  
A;

VA;  
ig RNA;  
gi|183396764|ref|NM\_007130.2| Homo sapiens zinc finger protein 41 (ZNF41), transcript variant 1, ml

gi|183396786|ref|NM\_001123385.1| Homo sapiens BCL6 corepressor (BCOR), transcript variant 5, mRN  
mRNA;

mRNA;  
nember 6 (TRPM6), transcript variant a, mRNA; gi|293597573|ref|NM\_001177311.1| Homo sapiens tr  
D2), mRNA;  
ant 2, mRNA; gi|183397133|ref|NM\_006676.6| Homo sapiens ubiquitin specific peptidase 20 (USP20), 1

ref|NR\_022012.1| Homo sapiens collagen, type VI, alpha 5 (COL6A5), non-coding RNA;  
|62865857|ref|NM\_001015877.1| Homo sapiens PHD finger protein 6 (PHF6), transcript variant 1, mRNA;  
t variant 2, mRNA; gi|183603930|ref|NM\_001123369.1| Homo sapiens protein phosphatase 6, catalytic

nt b, mRNA; gi|183603934|ref|NM\_213652.3| Homo sapiens hemochromatosis type 2 (juvenile) (HFE2)

:ript variant 1, mRNA; gi|189083845|ref|NM\_001127598.1| Homo sapiens insulin-like growth factor 2 (IGF2), nuclear gene encoding mitochondrial protein, mRNA;

, mRNA;

3), mRNA;

gi|18390346|ref|NM\_130384.1| Homo sapiens ATR interacting protein (ATRIP), transcript variant 1, mRNA;  
mRNA;

gene 46 (HMG2P46), non-coding RNA;

5501|ref|NM\_001185117.1| Homo sapiens claudin 19 (CLDN19), transcript variant 3, mRNA; gi|183979981|ref|NM\_001123396.1| Homo sapiens chemokine (C-C motif) receptor 2 (CXCR2), mRNA;

t 1, mRNA; gi|184172388|ref|NM\_001042780.2| Homo sapiens troponin T type 3 (skeletal, fast) (TNNT3), mitochondrial protein, transcript variant 1, mRNA; gi|184172391|ref|NM\_001014975.2| Homo sapiens troponin T type 3 (skeletal, fast) (TNNT3), transcript variant 2, mRNA; gi|18426901|ref|NM\_020135.2| Homo sapiens Werner helicase interacting protein 1 (WIP1), mRNA;

2J2), mRNA;

2J3), mRNA;  
mRNA;

11), transcript variant 2, mRNA; gi|381342475|ref|NM\_001257293.1| Homo sapiens heterogeneous nuclear ribonucleoprotein A2 (hnRNP A2), transcript variant 2H9A, mRNA; gi|186287286|ref|NM\_012207.2| Homo sapiens heterogeneous nuclear ribonucleoprotein A2 (hnRNP A2), transcript variant 2H9A, mRNA;  
A;

RB3), mRNA;

8|ref|NM\_130794.1| Homo sapiens cystatin 11 (CST11), transcript variant 1, mRNA;  
nscript variant 2, mRNA; gi|186659503|ref|NM\_031262.2| Homo sapiens heterogeneous nuclear ribonucleoprotein A2 (hnRNP A2), transcript variant 2H9A, mRNA;

UL1), transcript variant 4, mRNA; gi|186659507|ref|NM\_007040.3| Homo sapiens heterogeneous nuclear protein 1 (HNP1), mRNA;

0617|ref|NM\_001156.3| Homo sapiens annexin A7 (ANXA7), transcript variant 1, mRNA; mRNA;

ne encoding mitochondrial protein, mRNA;

nuclear gene encoding mitochondrial protein, mRNA;

transcript variant 2, mRNA; gi|186910282|ref|NM\_013412.2| Homo sapiens RAB, member of RAS oncogene family,

ne encoding mitochondrial protein, mRNA;

ne encoding mitochondrial protein, transcript variant 2, mRNA; gi|186910289|ref|NM\_031901.4| Homo sapiens

mRNA; gi|186910291|ref|NM\_175929.2| Homo sapiens fibroblast growth factor 14 (FGF14), transcript variant 1,

.0294|ref|NM\_005143.3| Homo sapiens haptoglobin (HP), transcript variant 1, mRNA;

variant 2, mRNA; gi|186910301|ref|NM\_001126104.1| Homo sapiens Rac GTPase activating protein 1 (RAP1A),

ne encoding mitochondrial protein, mRNA;

, member 3 (SLC12A3), transcript variant 3, mRNA; gi|186910316|ref|NM\_001126107.1| Homo sapiens

gene encoding mitochondrial protein, mRNA;

variant 2, mRNA; gi|186928820|ref|NM\_001126051.1| Homo sapiens hepatoma-derived growth factor (HGF),

gene encoding mitochondrial protein, mRNA;

mRNA;

ne encoding mitochondrial protein, mRNA;

1), transcript variant 1, mRNA; gi|214010178|ref|NM\_001142275.1| Homo sapiens non imprinted in Prader-Willi syndrome

ne encoding mitochondrial protein, mRNA;

ne encoding mitochondrial protein, mRNA;

ne encoding mitochondrial protein, mRNA;

phosphate carrier), member 19 (SLC25A19), nuclear gene encoding mitochondrial protein, transcript variant 1,

|ref|NM\_144606.5| Homo sapiens folliculin (FLCN), transcript variant 2, mRNA;

er 2 (OSGIN2), transcript variant 1, mRNA; gi|186972130|ref|NM\_004337.2| Homo sapiens oxidative stress-inducible

nt 2, non-coding RNA; gi|186972141|ref|NR\_023313.1| Homo sapiens cold inducible RNA binding protein 1,

transcript variant 2, mRNA; gi|187131237|ref|NM\_006176.2| Homo sapiens neurogranin (protein kinase C delta

variant 2, mRNA; gi|187165254|ref|NM\_199354.2| Homo sapiens proline-rich protein BstNI subfamily 1 (PRP1),

ne encoding mitochondrial protein, mRNA;

ne encoding mitochondrial protein, transcript variant 2, mRNA; gi|187167257|ref|NM\_016071.3| Homo sapiens

187167258|ref|NM\_021935.3| Homo sapiens prokineticin 2 (PROK2), transcript variant 2, mRNA; transcript variant 3, mRNA; gi|187169263|ref|NM\_001126129.1| Homo sapiens GINS complex subunit 3 (Psf1A); mRNA; gi|187169268|ref|NM\_001105.4| Homo sapiens activin A receptor, type I (ACVR1), transcript variant 1, mRNA; gi|187171276|ref|NM\_001126131.1| Homo sapiens polymerase (DNA directed), gamma variant 2, mRNA; gi|187173291|ref|NM\_001126133.1| Homo sapiens troponin T type 1 (skeletal, slow) (TPST2A1), nuclear gene encoding mitochondrial protein, mRNA; mRNA; P), transcript variant 1, mRNA; gi|258613964|ref|NM\_001164757.1| Homo sapiens nitric oxide synthase (NADH-coenzyme Q reductase) (NDUFS7), nuclear gene encoding mitochondrial protein, mRNA; mRNA; LOC1S3), mRNA;

acid transporters, activator of cystine, dibasic and neutral amino acid transport), member 1 (SLC3A1), mitochondrial transporter light chain, bovine system), member 9 (SLC7A9), transcript variant 1, mRNA; gi|339895880|ref|187475372|ref|NM\_001127190.1| Homo sapiens c-src tyrosine kinase (CSK), transcript variant 2, mRNA; mitochondrial protein, mRNA;

, mRNA;

1, mRNA; gi|224809406|ref|NR\_027303.1| Homo sapiens tribbles homolog 2 (Drosophila) (TRIB2), transcript variant 1, mRNA; gi|187169263|ref|NM\_001126129.1| Homo sapiens tuftelin 1 (TUFT1), transcript variant 2, mRNA; member 1 (SLC40A1), mRNA; 2), transcript variant 2, mRNA; gi|187607421|ref|NM\_001126340.1| Homo sapiens ORAI calcium release-activated calcium channel 1, mRNA;

), mRNA;

anchoring 1 (ASZ1), transcript variant 1, mRNA; gi|187608276|ref|NR\_023315.1| Homo sapiens ankyrin repeat domain 1 (ANKRD1), transcript variant 1, mRNA;

lipid transfer protein (ABCA11P), non-coding RNA;

, mRNA; gi|187608355|ref|NM\_021189.3| Homo sapiens cell adhesion molecule 3 (CADM3), transcript variant 1, mRNA; gi|187608437|ref|NM\_017733.3| Homo sapiens phosphatidylinositol 3-kinase (PI3K), transcript variant 1, mRNA; gi|187608437|ref|NM\_017733.3| Homo sapiens phosphatidylinositol 3-kinase (PI3K), transcript variant 1, mRNA;

RNA; gi|187608544|ref|NM\_001127182.1| Homo sapiens centrosomal protein 55kDa (CEP55), transcript  
GNG5), mRNA;

HD1), mRNA;  
nRNA;

RNA; gi|371122804|ref|NR\_045785.1| Homo sapiens chitinase 1 (chitotriosidase) (CHIT1), transcript v  
BP), transcript variant 2, mRNA; gi|187608725|ref|NM\_001127192.1| Homo sapiens CCHC-type zinc fin  
1), transcript variant 2, mRNA; gi|187608760|ref|NM\_001421.3| Homo sapiens E74-like factor 4 (ets dc  
, mRNA; gi|187608790|ref|NM\_001127198.1| Homo sapiens transmembrane channel-like 6 (TMC6), ti  
ide-like 3D (APOBEC3D), mRNA;

a, acidic component) (SNTA1), mRNA;

ariant 4, mRNA; gi|187761298|ref|NM\_001025087.1| Homo sapiens CUGBP, Elav-like family member 4  
) (GPT), mRNA;  
iant 2, mRNA; gi|187761306|ref|NM\_001127204.1| Homo sapiens heme oxygenase (decycling) 2 (HMC  
ator of chromatin, subfamily a-like 1 (SMARCA1), transcript variant 1, mRNA; gi|187761313|ref|NM\_0  
n (DBP), mRNA;  
upled (HTR1D), mRNA;

87827139|ref|NM\_018330.5| Homo sapiens KIAA1598 (KIAA1598), transcript variant 2, mRNA;

ssociated factor, 250kDa (TAF1), transcript variant 2, mRNA; gi|187761327|ref|NM\_004606.3| Homo s

VA;

;

iFl1), transcript variant 3, mRNA; gi|187761347|ref|NM\_005263.3| Homo sapiens growth factor indepe

; protein, 1 (Drosophila) (ARIH1), mRNA;

378|ref|NM\_001127175.1| Homo sapiens maestro (MRO), transcript variant 3, mRNA; gi|187761380|

ariant 1, mRNA; gi|187761330|ref|NM\_001127213.1| Homo sapiens lymphocyte antigen 6 complex, lo

IA;



nRNA;

gi|188035909|ref|NM\_001127322.1| Homo sapiens chromobox homolog 5 (CBX5), transcript variant :  
ssembly factor 2 (NDUFAF2), nuclear gene encoding mitochondrial protein, mRNA;

L, mRNA; gi|188035866|ref|NM\_001127350.1| Homo sapiens mediator complex subunit 18 (MED18), t  
y member 4) (MPP4), mRNA;

gi|309384275|ref|NM\_001198536.1| Homo sapiens Mediterranean fever (MEFV), transcript variant 2, r

), mRNA;

transcript variant 1, mRNA; gi|188219574|ref|NM\_001127360.1| Homo sapiens putative homeodoma  
IA; gi|188219578|ref|NM\_001127361.1| Homo sapiens ring finger protein 19B (RNF19B), transcript var

1), transcript variant 2, mRNA; gi|188219592|ref|NM\_022037.2| Homo sapiens TIA1 cytotoxic granule  
gene encoding mitochondrial protein, mRNA;

21A), transcript variant 2, mRNA; gi|188219617|ref|NM\_199136.3| Homo sapiens family with sequenc  
1 motif) 2 (STAM2), mRNA;

la) (DTL), mRNA;

.), transcript variant 1, mRNA; gi|188497619|ref|NR\_023345.1| Homo sapiens connector enhancer of k  
t variant 1, mRNA; gi|188497620|ref|NM\_144687.2| Homo sapiens NLR family, pyrin domain containi

214830437|ref|NM\_001142298.1| Homo sapiens sequestosome 1 (SQSTM1), transcript variant 2, mRN  
gi|188497654|ref|NM\_001127372.1| Homo sapiens zinc finger protein 84 (ZNF84), transcript variant 2

rRNA;

B), transcript variant 5, mRNA; gi|32307122|ref|NM\_004576.2| Homo sapiens protein phosphatase 2,  
main, secreted, (semaphorin) 3F (SEMA3F), mRNA;

: encoding mitochondrial protein, mRNA;

ariant 1, mRNA; gi|363543340|ref|NM\_001254756.1| Homo sapiens cytochrome b5 domain containin  
mRNA;

3), transcript variant 2, mRNA; gi|188497715|ref|NM\_013266.2| Homo sapiens catenin (cadherin-assoc





083679|ref|NM\_001604.4| Homo sapiens paired box 6 (PAX6), transcript variant 2, mRNA; gi|1890836



; mRNA;  
189163478|ref|NM\_005807.3| Homo sapiens proteoglycan 4 (PRG4), transcript variant A, mRNA; gi|189181731|ref|NM\_030969.3| Homo sapiens transmembrane protein 14B (TMEM149181741|ref|NM\_001127713.1| Homo sapiens atlastin GTPase 1 (ATL1), transcript variant 3, mRNA; gi

4), transcript variant 2, mRNA; gi|189181757|ref|NM\_000126.3| Homo sapiens electron-transfer-flavo

89217427|ref|NM\_001127718.1| Homo sapiens laminin, alpha 3 (LAMA3), transcript variant 4, mRNA; rome) (SPG21), transcript variant 2, mRNA; gi|42544234|ref|NM\_016630.3| Homo sapiens spastic para 72kDa type IV collagenase) (MMP2), transcript variant 1, mRNA; gi|189217852|ref|NM\_001127891.1|

; (S. cerevisiae) (FIG4), mRNA; variant 1, mRNA; gi|189217871|ref|NR\_023359.1| Homo sapiens Cdk5 and Abl enzyme substrate 1 (CABL

NA; gi|118442836|ref|NM\_002968.2| Homo sapiens sal-like 1 (Drosophila) (SALL1), transcript variant 1 l9 (CEACAM19), transcript variant 2, mRNA; gi|189217880|ref|NM\_001127893.1| Homo sapiens carcino- rase 8 (CHST8), transcript variant 1, mRNA; gi|21361615|ref|NM\_022467.3| Homo sapiens carbohydrate associated 2 (KHDRBS2), mRNA; ant 2, mRNA; gi|189217902|ref|NM\_172105.3| Homo sapiens eyes absent homolog 4 (Drosophila) (EY.

;) (PATL1), mRNA; it variant 1, mRNA; gi|189217920|ref|NM\_001127898.1| Homo sapiens chloride channel, voltage-sensi- ke (VWC2L), mRNA; P2C9), mRNA; ariant 12C, mRNA; gi|189242610|ref|NM\_006729.4| Homo sapiens diaphanous homolog 2 (Drosophila

YP26A1), transcript variant 1, mRNA; gi|189339192|ref|NM\_057157.2| Homo sapiens cytochrome P45 '3622272|ref|NM\_000049.2| Homo sapiens aspartoacylase (ASPA), transcript variant 1, mRNA; P1A1), mRNA; P2A6), mRNA; ;

NA; gi|189339259|ref|NM\_015074.3| Homo sapiens kinesin family member 1B (KIF1B), transcript variat- onine kinase) (BMPR2), mRNA; ; mRNA;

), mRNA; 1), transcript variant 1, mRNA; gi|189409139|ref|NM\_003218.3| Homo sapiens telomeric repeat bindin

ant 2, mRNA; gi|189458816|ref|NM\_003234.2| Homo sapiens transferrin receptor (p90, CD71) (TFRC),  
ma-glutamyltransferase) (TGM3), mRNA;  
mRNA;  
mRNA;

it 2, mRNA; gi|189458850|ref|NM\_016467.4| Homo sapiens ORM1-like 1 (S. cerevisiae) (ORMDL1), tra  
TAT1), transcript variant beta, mRNA; gi|189458859|ref|NM\_007315.3| Homo sapiens signal transduct  
A; gi|377823734|ref|NR\_046371.1| Homo sapiens ceruloplasmin (ferroxidase) (CP), transcript variant 2

gi|373938465|ref|NM\_001128141.2| Homo sapiens dipeptidase 1 (renal) (DPEP1), transcript variant 2,  
2, mRNA; gi|314122198|ref|NR\_037643.1| Homo sapiens RWD domain containing 3 (RWDD3), non-co  
e) (PMS1), transcript variant 2, mRNA; gi|189458892|ref|NM\_000534.4| Homo sapiens PMS1 postmei  
ant 2, mRNA; gi|189458899|ref|NM\_015294.3| Homo sapiens tripartite motif containing 37 (TRIM37), i

variant 2, mRNA; gi|189491633|ref|NM\_001128161.1| Homo sapiens upstream binding protein 1 (LBP  
lobulin alpha and mu polypeptides (IGJ), mRNA;  
6|ref|NM\_001128165.1| Homo sapiens fibulin 7 (FBLN7), transcript variant 2, mRNA;

mRNA; gi|189491658|ref|NM\_003360.3| Homo sapiens UDP glycosyltransferase 8 (UGT8), transcript v  
, mRNA;  
transcript variant 1, mRNA; gi|189491765|ref|NM\_001127362.1| Homo sapiens nuclear receptor subf  
7|ref|NM\_001128164.1| Homo sapiens ataxin 1 (ATXN1), transcript variant 2, mRNA;  
nscript variant 4, mRNA; gi|189491750|ref|NM\_001128166.1| Homo sapiens p21 protein (Cdc42/Rac)-

P1B1), mRNA;

, mRNA; gi|189491775|ref|NM\_001128178.1| Homo sapiens nephronophthisis 1 (juvenile) (NPHP1), tr

mRNA;  
; gi|190684686|ref|NM\_032978.6| Homo sapiens dystrobrevin, alpha (DTNA), transcript variant 4, mRI  
mRNA;  
3), mRNA;  
, mRNA;  
ng RNA;

1, mRNA; gi|189571620|ref|NM\_001128203.1| Homo sapiens phospholipase A2, group XVI (PLA2G16)

3 4 (MBOAT4), mRNA;

571635|ref|NM\_015170.2| Homo sapiens sulfatase 1 (SULF1), transcript variant 3, mRNA; gi|1895716302), mRNA;

olog (*S. cerevisiae*) (NAA40), mRNA;

transcript variant 1, mRNA; gi|189571653|ref|NM\_001128208.1| Homo sapiens leptin receptor overlapping 5 (GDPD5), mRNA;

A1), transcript variant 1, mRNA; gi|189571659|ref|NM\_000079.3| Homo sapiens cholinergic receptor, ionotropic (SGCD), transcript variant 3, mRNA; gi|46249399|ref|NM\_172244.2| Homo sapiens sarcoglycan 1, mRNA;

transcript variant 2, mRNA; gi|189571668|ref|NM\_181784.2| Homo sapiens sprouty-related, EVH1 domain containing 1, mRNA;

mRNA; gi|189571678|ref|NM\_001128211.1| Homo sapiens NudC domain containing 1 (NUDCD1), transcript variant 1 (WDSUB1), transcript variant 3, mRNA; gi|189571684|ref|NM\_001128213.1| Homo sapiens WD repeat domain 1, mRNA;

6 (KCTD6), transcript variant 2, mRNA; gi|189571690|ref|NM\_153331.3| Homo sapiens potassium channel domain containing 6, mRNA;

), mRNA;

galactosaminyltransferase-like 2 (GALNTL2), mRNA;

variant 3, mRNA; gi|190014585|ref|NM\_021144.3| Homo sapiens PC4 and SFRS1 interacting protein 1, mRNA; gi|190014596|ref|NM\_001128221.1| Homo sapiens vestigial like 4 (*Drosophila*) (VGLL4), transcript variant 1, mRNA;

PMS2), transcript variant 2, non-coding RNA; gi|190014589|ref|NM\_000535.5| Homo sapiens PMS2 position 1, non-coding RNA;

mRNA; gi|190014619|ref|NM\_133464.2| Homo sapiens zinc finger protein 483 (ZNF483), transcript variant 1, mRNA; gi|190014624|ref|NM\_001128226.1| Homo sapiens DIS3 mitotic control homolog 1, mRNA;

;

encoding mitochondrial protein, mRNA;

RNA; gi|190194367|ref|NM\_001128301.1| Homo sapiens LYR motif containing 1 (LYRM1), transcript variant 1 (LACC1), transcript variant 2, mRNA; gi|190194373|ref|NM\_001128303.1| Homo sapiens laccase (multimeric), mRNA; gi|190194378|ref|NM\_001128304.1| Homo sapiens phospholipid scramblase 4 (PLSCR4), transcript variant 1, mRNA;

T2B7), mRNA;

ng) (DTX2P1-UPK3BP1-PMS2P11), non-coding RNA;

transcript variant 1, non-coding RNA; gi|190194405|ref|NR\_015449.1| Homo sapiens ring finger protein 216 ps

), non-coding RNA;

, mRNA;

gi|190194419|ref|NM\_030927.2| Homo sapiens tetraspanin 14 (TSPAN14), transcript variant 1, mRNA; gi|190194422|ref|NM\_001128310.1| Homo sapiens SPARC-like 1 (hevin) (SPARCL1), transcript variant 2 (ABCC6P2), non-coding RNA;

n 1 (FHAD1), mRNA;

transcript variant 2, mRNA; gi|190341069|ref|NM\_174890.2| Homo sapiens zinc finger, AN1-type domain 4 (ZFAND1) (PDXDC1), mRNA;

TD2), transcript variant 2, mRNA; gi|190341083|ref|NM\_182765.3| Homo sapiens HECT domain containing 1 (HSD17B10), non-coding RNA;

;

transcript variant 2, mRNA; gi|190341098|ref|NM\_001031746.3| Homo sapiens V-set and transmembrane domain 1 (VISTA), non-coding RNA;

mRNA; gi|190341103|ref|NM\_015163.5| Homo sapiens tripartite motif containing 9 (TRIM9), transcript variant 1 (VAA30), mRNA;

|ref|NM\_181698.2| Homo sapiens cyclin Y (CCNY), transcript variant 2, mRNA;

mRNA; gi|190343005|ref|NM\_080424.2| Homo sapiens SP110 nuclear body protein (SP110), transcript variant 1, non-coding RNA;

(ABCC6), transcript variant 1, mRNA; gi|190343012|ref|NM\_001079528.3| Homo sapiens ATP-binding cassette, subfamily A, member 6 (PRINS), non-coding RNA;

NA;

38B), transcript variant 1, mRNA; gi|190358492|ref|NM\_001128424.1| Homo sapiens family with sequence homology to apurinic/apyrimidinic endonuclease 1 (AP1AR), transcript variant 1, mRNA; gi|190358500|ref|NM\_001128426.1| Homo sapiens adaptin 1 (ADAP1), non-coding RNA;

NA;

190358519|ref|NM\_020116.3| Homo sapiens follistatin-like 5 (FSTL5), transcript variant 1, mRNA; gi|190358520|ref|NM\_020116.3| Homo sapiens follistatin-like 5 (FSTL5), transcript variant 2, mRNA;

B49), transcript variant 2, mRNA; gi|166706884|ref|NM\_001114139.1| Homo sapiens erythrocyte membrane protein 1 (EPR1), non-coding RNA;



nt 1, mRNA; gi|93204862|ref|NM\_020148.2| Homo sapiens spire homolog 1 (Drosophila) (SPIRE1), tran

nscript variant 3, mRNA; gi|191252779|ref|NM\_001128628.1| Homo sapiens p21 protein (Cdc42/Rac)-

ipt variant 2, mRNA; gi|191252790|ref|NM\_020341.3| Homo sapiens p21 protein (Cdc42/Rac)-activate

ript variant 1, mRNA; gi|191252796|ref|NM\_001128631.1| Homo sapiens dephospho-CoA kinase dom

V420H2), mRNA;

NA; gi|192447422|ref|NM\_001128826.1| Homo sapiens neuronal calcium sensor 1 (NCS1), transcript v

;

-acetyl galactosaminide alpha-2,6-sialyltransferase 2 (ST6GALNAC2), mRNA;

script variant 1, mRNA; gi|66346691|ref|NM\_019863.2| Homo sapiens coagulation factor VIII, procoag

hohydrolase (CILP), mRNA;

TH4 domain) member 3 (PLEKHH3), mRNA;

ion-coding RNA;

cript variant 2, mRNA; gi|192807283|ref|NM\_020899.3| Homo sapiens zinc finger and BTB domain con

subunit (CACNA1D), transcript variant 2, mRNA; gi|192807297|ref|NM\_001128839.1| Homo sapiens ca

egulator of chromatin, subfamily a, member 4 (SMARCA4), transcript variant 4, mRNA; gi|192807317|re

iant 2, mRNA; gi|192807326|ref|NM\_001128850.1| Homo sapiens Ras-related associated with diabete

SRRT), transcript variant 5, mRNA; gi|192807330|ref|NM\_015908.5| Homo sapiens serrate RNA effecti

1L2), transcript variant 2, non-coding RNA; gi|193788553|ref|NR\_024004.1| Homo sapiens DEAD/H (As

RNA; gi|193082979|ref|NM\_138466.1| Homo sapiens zinc finger protein 837 (ZNF837), transcript vari

NA; gi|193083107|ref|NM\_001128911.1| Homo sapiens poly(rC) binding protein 2 (PCBP2), transcript

YP24A1), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|193083116|ref|N

olog (yeast) (TOMM40), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|19

, transcript variant 1, mRNA; gi|193083130|ref|NM\_001128921.1| Homo sapiens MAP/microtubule aff

rmone receptor) (MC1R), mRNA;

ane domains 3 (LRIT3), mRNA;

variant 2, mRNA; gi|193083137|ref|NM\_005512.2| Homo sapiens leucine rich repeat containing 32 (LRI

2, mRNA; gi|343403789|ref|NM\_001243349.1| Homo sapiens SH3 domain containing 19 (SH3D19), tr

YP2C18), transcript variant 1, mRNA; gi|193083147|ref|NM\_001128925.1| Homo sapiens cytochrome

ar gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|292494905|ref|NR\_033426.1| I

variant 2, mRNA; gi|193083154|ref|NM\_001128928.1| Homo sapiens inositol polyphosphate-1-phosph

dogene 1 (PIN1P1), non-coding RNA;

ranscript variant 1, mRNA; gi|193083171|ref|NM\_001128931.1| Homo sapiens nuclear assembly factc



YP4F11), transcript variant 1, mRNA; gi|193083179|ref|NM\_001128932.1| Homo sapiens cytochrome f  
93083190|ref|NM\_001128934.1| Homo sapiens synaptopodin 2 (SYNPO2), transcript variant 3, mRNA;  
transcript variant 2, non-coding RNA; gi|193083186|ref|NR\_023918.1| Homo sapiens long intergenic no  
:) (PRPF3), mRNA;  
ding RNA;  
script variant 4, non-coding RNA; gi|193083194|ref|NR\_023923.1| Homo sapiens chromosome 14 oper  
P1), mRNA;  
transcript variant 3, non-coding RNA; gi|193083199|ref|NR\_023925.1| Homo sapiens long intergenic no  
INA;  
P7B1), mRNA;  
coil protein (VMAC), mRNA;  
IA;

, mRNA; gi|193083232|ref|NM\_203344.2| Homo sapiens SERTA domain containing 3 (SERTAD3), trans

(non-protein coding) (SMCR5), non-coding RNA;  
number 5 (TRPM5), mRNA;  
non-coding RNA;

T2A3), mRNA; gi|193211440|ref|NR\_024010.1| Homo sapiens UDP glucuronosyltransferase 2 family, p  
;

;  
2), mRNA;  
W), non-coding RNA;  
non-coding RNA;  
Gef domain) member 4 (PLEKHG4), transcript variant 1, mRNA; gi|193211595|ref|NM\_001129728.1| I  
, transcript variant 2, mRNA; gi|193794815|ref|NM\_021003.4| Homo sapiens protein phosphatase, M  
eptide 1 (B4GALT1), mRNA;  
93211607|ref|NM\_022357.3| Homo sapiens dipeptidase 3 (DPEP3), transcript variant 1, mRNA;

), transcript variant 2, mRNA; gi|193211612|ref|NM\_015922.2| Homo sapiens NAD(P) dependent sterc

I (SPCS1), mRNA;

ubunit (CACNA1C), transcript variant 6, mRNA; gi|193788529|ref|NM\_001129835.1| Homo sapiens cal

INA;

2), transcript variant 2, mRNA; gi|94538369|ref|NM\_014377.1| Homo sapiens DnaJ (Hsp40) homolog, ;  
IA; gi|193788636|ref|NM\_001129888.1| Homo sapiens cysteine/histidine-rich 1 (CYHR1), transcript va  
se, tyrosine-related protein 2) (DCT), transcript variant 2, mRNA; gi|193788638|ref|NM\_001922.3| Hor

36B), mRNA;

5F4L), mRNA;

MAGUK family) (CASK), transcript variant 2, mRNA; gi|193788694|ref|NM\_003688.3| Homo sapiens cal

nRNA; gi|193788725|ref|NM\_001129828.1| Homo sapiens CSAG family, member 3 (CSAG3), transcript  
;

INA; gi|296179402|ref|NM\_001184767.1| Homo sapiens BEN domain containing 2 (BEND2), transcript

A;

nRNA;

t variant 1, mRNA; gi|193804855|ref|NM\_024689.2| Homo sapiens chromosome X open reading frame

t variant 1, mRNA; gi|296278251|ref|NM\_001184782.1| Homo sapiens chromosome X open reading fr

iant 1, mRNA; gi|193804928|ref|NM\_001129900.1| Homo sapiens zinc finger family member 673 (ZNF

, non-coding RNA;

mRNA;

\NKRD2), transcript variant 2, mRNA; gi|39812132|ref|NM\_020349.2| Homo sapiens ankyrin repeat do

;

94018430|ref|NM\_032506.2| Homo sapiens KIAA1841 (KIAA1841), transcript variant 2, mRNA;

VA;

15 (KCTD15), transcript variant 2, mRNA; gi|194018438|ref|NM\_024076.2| Homo sapiens potassium cl

nRNA;

:etylglactosaminyltransferase-like 6 (GALNTL6), mRNA;

VA;

antitrypsin), member 5 (SERPINA5), mRNA;

iant 1, mRNA; gi|194018475|ref|NM\_015079.5| Homo sapiens TBC1 domain family, member 2B (TBC1

iRNA;  
;  
2F2), mRNA;

transcript variant 1, mRNA; gi|194018498|ref|NM\_205852.2| Homo sapiens C-type lectin domain famil

94018516|ref|NM\_144642.4| Homo sapiens synaptoporin (SYNPR), transcript variant 2, mRNA;  
, mRNA; gi|194097353|ref|NM\_001130006.1| Homo sapiens G1 to S phase transition 1 (GSPT1), transc

NA;  
526|ref|NM\_033128.3| Homo sapiens scinderin (SCIN), transcript variant 2, mRNA;  
nscript variant 2, mRNA; gi|194018530|ref|NM\_182625.3| Homo sapiens Gen endonuclease homolog 1  
ein 1 (PRPSAP1), mRNA;

nsript variant 1, mRNA; gi|194018540|ref|NM\_032499.4| Homo sapiens chromosome 15 open readir

gi|194018548|ref|NM\_030629.2| Homo sapiens c-Maf inducing protein (CMIP), transcript variant 2, n

SYCE1L), mRNA;

), nuclear gene encoding mitochondrial protein, mRNA;

RB1), mRNA;  
ed serine esterase 3) (GZMA), mRNA;  
ochondrial protein, mRNA;

t 2, mRNA; gi|194097336|ref|NM\_004080.2| Homo sapiens diacylglycerol kinase, beta 90kDa (DGKB), 1  
rRNA; gi|194018452|ref|NM\_013360.2| Homo sapiens zinc finger protein 222 (ZNF222), transcript vari

C2B), mRNA;  
4097351|ref|NM\_001130005.1| Homo sapiens actinin, alpha 1 (ACTN1), transcript variant 3, mRNA; gi|

NA; gi|194018543|ref|NM\_031451.4| Homo sapiens testis expressed 101 (TEX101), transcript variant 1

ript variant 2, mRNA; gi|194097366|ref|NM\_002781.3| Homo sapiens pregnancy specific beta-1-glyco  
7372|ref|NM\_004058.3| Homo sapiens calcyphosine (CAPS), transcript variant 1, mRNA;  
mRNA; gi|194097376|ref|NM\_001130015.1| Homo sapiens ankyrin repeat domain 33 (ANKRD33), tra  
molog A (S. cerevisiae) (STT3A), mRNA;

gene 2 (UBE2Q2P2), non-coding RNA;  
(SERPINB3), mRNA;

ng RNA;  
iRNA;

6V0A1), transcript variant 1, mRNA; gi|194097402|ref|NM\_001130021.1| Homo sapiens ATPase, H+ tr  
A; gi|194097408|ref|NM\_001130022.1| Homo sapiens zinc finger protein 680 (ZNF680), transcript vari  
{FX2), transcript variant 1, mRNA; gi|194097415|ref|NM\_134433.2| Homo sapiens regulatory factor X,  
, mRNA;

olar RNA;  
L5C), transcript variant 1, mRNA; gi|194097424|ref|NM\_173678.2| Homo sapiens family with sequence  
ORA38B), small nucleolar RNA;  
|194097434|ref|NM\_003992.4| Homo sapiens CDC-like kinase 3 (CLK3), transcript variant 2, mRNA;  
e 2 (PTPRN2), transcript variant 1, mRNA; gi|194097437|ref|NM\_130842.2| Homo sapiens protein tyro  
ORA70B), small nucleolar RNA;

097445|ref|NM\_173828.4| Homo sapiens RELT-like 2 (RELL2), transcript variant 1, mRNA;  
;  
iRNA; gi|194097457|ref|NM\_001130031.1| Homo sapiens zinc finger protein 562 (ZNF562), transcript  
tins) member 1 (PLEKHB1), transcript variant 2, mRNA; gi|194097470|ref|NM\_001130035.1| Homo sa

pt variant 2, mRNA; gi|194097482|ref|NM\_018712.3| Homo sapiens ELMO/CED-12 domain containing  
3-b, mRNA; gi|194097486|ref|NM\_003624.2| Homo sapiens RAN binding protein 3 (RANBP3), transcrip  
t variant 2, mRNA; gi|194239630|ref|NM\_152697.4| Homo sapiens solute carrier family 44, member 5

nt 1, mRNA; gi|331999949|ref|NM\_001206683.1| Homo sapiens activating transcription factor 7 (ATF7  
mRNA;

ding RNA;  
;\n  
tein 1 (SHC1), transcript variant 2, mRNA; gi|194239663|ref|NM\_001130040.1| Homo sapiens SHC (Src

olar RNA;

ariant 1, mRNA; gi|194239675|ref|NM\_001130043.1| Homo sapiens crystallin, zeta (quinone reductase  
nscript variant 2, mRNA; gi|194239680|ref|NM\_001130045.1| Homo sapiens tubulin tyrosine ligase-like  
ie) pseudogene 2 (RRN3P2), non-coding RNA;

variant SIM2, mRNA; gi|194239683|ref|NM\_009586.2| Homo sapiens single-minded homolog 2 (Drosophila)  
variant 2, mRNA; gi|194239686|ref|NM\_004591.2| Homo sapiens chemokine (C-C motif) ligand 20 (CCL20)  
; (SLC1A7), mRNA;

mRNA; gi|194239700|ref|NM\_001130047.1| Homo sapiens tubulin folding cofactor E-like (TBCEL), transcript  
variant 1, mRNA; gi|194239708|ref|NM\_001130050.1| Homo sapiens dedicator of cytokinesis 9 (DOCK9), trans

cript variant 3, member 3 (SLC9A3), mRNA;

transcript variant 2, mRNA; gi|194248047|ref|NM\_001001331.2| Homo sapiens ATPase, Ca<sup>++</sup> transpo

script variant 2, mRNA; gi|194248050|ref|NM\_000839.3| Homo sapiens glutamate receptor, metabotropic  
mRNA;

mRNA; gi|115527111|ref|NM\_145297.3| Homo sapiens zinc finger protein 626 (ZNF626), transcript vari  
ant 1, mRNA; gi|194248056|ref|NM\_001130064.1| Homo sapiens growth associated protein 43 (GAP43), tra  
nscript variant 1 (Drosophila) (ASPM), transcript variant 1, mRNA; gi|332205964|ref|NM\_001206846.1| Homo sapiens

transcript variant 1, mRNA; gi|194248057|ref|NM\_001130065.1| Homo sapiens myosin IXB (MYO9B), transcript variant 2, mRNA;

transcript variant 2, mRNA; gi|312596887|ref|NM\_001199165.1| Homo sapiens centrosomal protein 112kDa (CEP112)  
; mRNA;

mRNA; gi|194248080|ref|NM\_001130067.1| Homo sapiens tripartite motif containing 2 (TRIM2), trans  
cript variant 1, mRNA; gi|194248081|ref|NM\_001130072.1| Homo sapiens epsin 1 (EPN1), transcript variant 2, mRNA; gi|194272147|ref|NM

transcript variant 1, mRNA; gi|194272163|ref|NM\_002238.3| Homo sapiens potassium channel, voltage-gated, Shal-like 1, member 1 (KCNH1), transcript variant 1, mRNA; gi|194272163|ref|NM\_002238.3| Homo sapiens pot  
assium channel, voltage-gated, Shal-like 1, member 1 (KCNH1), transcript variant 1, mRNA; gi|194272163|ref|NM\_002238.3| Homo sapiens pot

assium channel, voltage-gated, Shal-like 1, member 1 (KCNH1), transcript variant 1, mRNA; gi|194272163|ref|NM\_002238.3| Homo sapiens pot

assium channel, voltage-gated, Shal-like 1, member 1 (KCNH1), transcript variant 1, mRNA; gi|194272163|ref|NM\_002238.3| Homo sapiens pot

assium channel, voltage-gated, Shal-like 1, member 1 (KCNH1), transcript variant 1, mRNA; gi|194272163|ref|NM\_002238.3| Homo sapiens pot

assium channel, voltage-gated, Shal-like 1, member 1 (KCNH1), transcript variant 1, mRNA; gi|194272163|ref|NM\_002238.3| Homo sapiens pot

assium channel, voltage-gated, Shal-like 1, member 1 (KCNH1), transcript variant 1, mRNA; gi|194272163|ref|NM\_002238.3| Homo sapiens pot

assium channel, voltage-gated, Shal-like 1, member 1 (KCNH1), transcript variant 1, mRNA; gi|194272163|ref|NM\_002238.3| Homo sapiens pot

assium channel, voltage-gated, Shal-like 1, member 1 (KCNH1), transcript variant 1, mRNA; gi|194272163|ref|NM\_002238.3| Homo sapiens pot

assium channel, voltage-gated, Shal-like 1, member 1 (KCNH1), transcript variant 1, mRNA; gi|194272163|ref|NM\_002238.3| Homo sapiens pot

assium channel, voltage-gated, Shal-like 1, member 1 (KCNH1), transcript variant 1, mRNA; gi|194272163|ref|NM\_002238.3| Homo sapiens pot

assium channel, voltage-gated, Shal-like 1, member 1 (KCNH1), transcript variant 1, mRNA; gi|194272163|ref|NM\_002238.3| Homo sapiens pot

assium channel, voltage-gated, Shal-like 1, member 1 (KCNH1), transcript variant 1, mRNA; gi|194272163|ref|NM\_002238.3| Homo sapiens pot

assium channel, voltage-gated, Shal-like 1, member 1 (KCNH1), transcript variant 1, mRNA; gi|194272163|ref|NM\_002238.3| Homo sapiens pot

assium channel, voltage-gated, Shal-like 1, member 1 (KCNH1), transcript variant 1, mRNA; gi|194272163|ref|NM\_002238.3| Homo sapiens pot

assium channel, voltage-gated, Shal-like 1, member 1 (KCNH1), transcript variant 1, mRNA; gi|194272163|ref|NM\_002238.3| Homo sapiens pot

assium channel, voltage-gated, Shal-like 1, member 1 (KCNH1), transcript variant 1, mRNA; gi|194272163|ref|NM\_002238.3| Homo sapiens pot

assium channel, voltage-gated, Shal-like 1, member 1 (KCNH1), transcript variant 1, mRNA; gi|194272163|ref|NM\_002238.3| Homo sapiens pot

assium channel, voltage-gated, Shal-like 1, member 1 (KCNH1), transcript variant 1, mRNA; gi|194272163|ref|NM\_002238.3| Homo sapiens pot

assium channel, voltage-gated, Shal-like 1, member 1 (KCNH1), transcript variant 1, mRNA; gi|194272163|ref|NM\_002238.3| Homo sapiens pot

assium channel, voltage-gated, Shal-like 1, member 1 (KCNH1), transcript variant 1, mRNA; gi|194272163|ref|NM\_002238.3| Homo sapiens pot

assium channel, voltage-gated, Shal-like 1, member 1 (KCNH1), transcript variant 1, mRNA; gi|194272163|ref|NM\_002238.3| Homo sapiens pot

assium channel, voltage-gated, Shal-like 1, member 1 (KCNH1), transcript variant 1, mRNA; gi|194272163|ref|NM\_002238.3| Homo sapiens pot

rotein (COL4A3BP), transcript variant 2, mRNA; gi|194306557|ref|NM\_005713.2| Homo sapiens collagen chaperone 1 (HSPBP1), transcript variant 2, mRNA; gi|194328807|ref|NM\_012267.4| Homo sapiens ; gi|194294555|ref|NM\_001130110.1| Homo sapiens SET binding protein 1 (SETBP1), transcript variant mRNA;

transcript variant 1, mRNA; gi|262263332|ref|NR\_030691.1| Homo sapiens anoctamin 1, calcium activated K channel (ANO1), transcript variant 2, mRNA; gi|194306561|ref|NM\_031213.3| Homo sapiens family with sequence

variant 3, mRNA; gi|194306614|ref|NM\_001110221.2| Homo sapiens gap junction protein, beta 6, 30kDa (GJB6), transcript variant 2, mRNA; gi|194306622|ref|NM\_001130138.1| Homo sapiens immunoglobulin-like 2 (ACE2), mRNA;

transcript variant 1, mRNA; gi|194306628|ref|NM\_001130140.1| Homo sapiens endoplasmic reticulum amino acid transferase 1, mRNA; gi|194306630|ref|NM\_020528.2| Homo sapiens poly(rC) binding protein 3 (PCBP3), transcript

variant 1, mRNA; gi|194306637|ref|NM\_144985.3| Homo sapiens cadherin 24, type 2 (CDH24), transcript variant 2, mRNA; gi|194306639|ref|NM\_001002762.2| Homo sapiens DnaJ (Hsp40) homolog 1 (DnaJ1), transcript variant 3, mRNA; gi|47498549|ref|NM\_198315.2| Homo sapiens von Willebrand factor A (VWF-A), transcript variant 1, mRNA; gi|194306646|ref|NM\_001130143.1| Homo sapiens protein phosphatase 1, mRNA; gi|194306534|ref|NM\_001130148.1| Homo sapiens coiled-coil domain containing 77 (CCDC77), (yeast)-like (TOMM20L), nuclear gene encoding mitochondrial protein, mRNA;

gi|194306682|ref|NM\_053067.2| Homo sapiens ubiquitin 1 (UBQLN1), transcript variant 2, mRNA; gi|194306683|ref|NM\_012223.3| Homo sapiens myosin IB (MYO1B), transcript variant 2, mRNA; gi|24012001|ref|NM\_001130167.1| Homo sapiens pregnancy specific beta-1-globulin (PSBG1), transcript variant 1, mRNA;

gi|194306724|ref|NM\_001045557.2| Homo sapiens Src-like-adaptor (SLA), transcript variant 2, mRNA; gi|194306733|ref|NM\_018288.3| Homo sapiens PHD finger protein 10 (PHF10), transcript variant 1, mRNA;

Da (GTF3C1), mRNA;

gi|194306744|ref|NM\_018602.3| Homo sapiens DnaJ (Hsp40) homolog 1, mRNA; gi|194306757|ref|NM\_018602.3| Homo sapiens DnaJ (Hsp40) homolog 1, mRNA;

A; gi|194328795|ref|NM\_170686.2| Homo sapiens zinc finger protein 398 (ZNF398), transcript variant

K3C2G), mRNA;

;

ing protein 2 epsilon) (TFAP2E), mRNA;

variant 2, mRNA; gi|194353977|ref|NM\_001607.3| Homo sapiens acetyl-CoA acyltransferase 1 (ACAA1), nuc

number 1 (APBA1), mRNA;  
member 2 (APBA2), transcript variant 2, mRNA; gi|194353990|ref|NM\_005503.3| Homo sapiens amylc  
A;  
ding RNA;

GBP1P1), non-coding RNA;

RNA;

erase) 1 (CDS1), mRNA;

7|ref|NM\_001130675.1| Homo sapiens calmeglin (CLGN), transcript variant 2, mRNA;

ng RNA;

RNA;

variant 2, mRNA; gi|194578904|ref|NM\_139013.2| Homo sapiens mitogen-activated protein kinase 14

t variant 1, mRNA; gi|194578906|ref|NM\_001130678.1| Homo sapiens eukaryotic translation initiator

ber A1 (SLC35A1), transcript variant 1, mRNA; gi|270288772|ref|NM\_001168398.1| Homo sapiens solu

ng RNA;

RNA;

RNA;

2, mRNA; gi|260064033|ref|NM\_001164749.1| Homo sapiens neuronal PAS domain protein 3 (NPAS3  
1 (LETM1), nuclear gene encoding mitochondrial protein, mRNA;

, mRNA;

(HPVC1), non-coding RNA;

;

2, mRNA; gi|194688131|ref|NM\_002129.3| Homo sapiens high mobility group box 2 (HMGB2), transcri  
NA;

IA;

;

tative) (ENPP4), mRNA;

A;

3 (PPP3CA), transcript variant 3, mRNA; gi|194688146|ref|NM\_001130691.1| Homo sapiens protein ph  
1/CD95 (Fas)-associated phosphatase) (PTPN13), transcript variant 1, mRNA; gi|194688155|ref|NM\_08

: protein 2) (CXCL6), mRNA;

ember 3 (TRPC3), transcript variant 2, mRNA; gi|194733734|ref|NM\_001130698.1| Homo sapiens trar  
, nuclear gene encoding mitochondrial protein, mRNA;

ariant 3, non-coding RNA; gi|102469529|ref|NM\_009587.2| Homo sapiens lectin, galactoside-binding, s

activation protein, gamma polypeptide (YWHAG), mRNA;

ing 5 (LRFN5), mRNA;



'CEF1), transcript variant 2, mRNA; gi|194733746|ref|NM\_001130699.1| Homo sapiens interaction pro  
IOD1), mRNA;

transcript variant 2, mRNA; gi|194733757|ref|NM\_145251.3| Homo sapiens serine/threonine/tyrosine i

G3BP2), transcript variant 2, mRNA; gi|194733761|ref|NM\_203504.2| Homo sapiens GTPase activating  
mRNA;

variant 1, mRNA; gi|194733767|ref|NM\_021641.3| Homo sapiens ADAM metallopeptidase domain 12  
coding RNA;

RNA;

195222729|ref|NM\_152231.1| Homo sapiens F-box protein 34 (FBXO34), transcript variant 2, mRNA;

nt 2, mRNA; gi|195222741|ref|NM\_001097642.2| Homo sapiens gap junction protein, beta 1, 32kDa (G

; gi|195222735|ref|NM\_016619.2| Homo sapiens placenta-specific 8 (PLAC8), transcript variant 2, mRNA

coding RNA; gi|195222744|ref|NR\_024053.1| Homo sapiens HLA complex group 18 (non-protein coding

ne (NRADDP), non-coding RNA;

IT2), transcript variant 2, non-coding RNA; gi|195230749|ref|NM\_003391.2| Homo sapiens wingless-ty

variant 1, mRNA; gi|195232758|ref|NM\_001130703.1| Homo sapiens ADAM metallopeptidase domain

n, transcript variant 2, mRNA; gi|195232765|ref|NM\_181312.2| Homo sapiens tafazzin (TAZ), nuclear g

ript variant 1, mRNA; gi|195234778|ref|NM\_001130708.1| Homo sapiens chromosome 14 open readir

variant 1, mRNA; gi|195236788|ref|NM\_014961.3| Homo sapiens RUN and FYVE domain containing 3

siae) (LSM5), transcript variant 1, mRNA; gi|213385306|ref|NR\_024466.1| Homo sapiens LSM5 homolo

g) (BCAR4), non-coding RNA; gi|195222727|ref|NR\_024050.1| Homo sapiens breast cancer anti-estrog

t 2, mRNA; gi|195539341|ref|NM\_024090.2| Homo sapiens ELOVL fatty acid elongase 6 (ELOVL6), tran

leotide translocator), member 31 (SLC25A31), nuclear gene encoding mitochondrial protein, mRNA;

nily), member 7 (SLC10A7), transcript variant 3, mRNA; gi|195539352|ref|NM\_001029998.3| Homo sa

'SMB5), transcript variant 1, mRNA; gi|222144261|ref|NM\_001144932.1| Homo sapiens proteasome (p

ne encoding mitochondrial protein, transcript variant 2, mRNA; gi|195539359|ref|NM\_001037968.3| t

encoding mitochondrial protein, mRNA;

gene (HSP90B3P), non-coding RNA;

n-coding RNA;

if, 5 (ADAMTS5), mRNA;

RNA; gi|195539374|ref|NM\_001130727.1| Homo sapiens PARK2 co-regulated-like (PACRGL), transcript

pseudogene 3 (SDHAP3), non-coding RNA;  
IPP6), mRNA;  
pseudogene 1 (SDHAP1), non-coding RNA;  
(Fp) pseudogene (LOC220729), non-coding RNA;

gene (POLR2J4), non-coding RNA;

(PSMC6), mRNA;  
kinase) (KDR), mRNA;  
transcript variant 4, mRNA; gi|195546887|ref|NM\_022777.2| Homo sapiens RAB, member RAS oncogene 1  
transcript variant 2, mRNA; gi|195546901|ref|NM\_001130825.1| Homo sapiens suppressor of Ty 5 hom  
activation protein, epsilon polypeptide (YWHAE), transcript variant 2, non-coding RNA; gi|195546907|re  
C), mRNA;

gi|195546925|ref|NM\_001130834.1| Homo sapiens LIM domain binding 2 (LDB2), transcript variant 2,

tein, mRNA;  
transcript variant 2, mRNA; gi|195927007|ref|NM\_052813.4| Homo sapiens caspase recruitment domain  
iated 1 (PITPNM1), transcript variant 2, mRNA; gi|195927014|ref|NM\_004910.2| Homo sapiens phosph  
RNA; gi|195927019|ref|NM\_001130849.1| Homo sapiens calcium binding protein 39 (CAB39), transcri  
variant 2, mRNA; gi|195927023|ref|NM\_005192.3| Homo sapiens cyclin-dependent kinase inhibitor 3  
transcript variant 1, mRNA; gi|195927029|ref|NM\_001130852.1| Homo sapiens Cbl proto-oncogene, E3  
2), non-coding RNA;

ene) (UBE2DNL), non-coding RNA;

ZSCAN12P1), non-coding RNA;

7B), non-coding RNA;

cript variant 1, mRNA; gi|195546895|ref|NM\_001379.2| Homo sapiens DNA (cytosine-5-)-methyltransf  
ariant 1, mRNA; gi|195927042|ref|NM\_003729.3| Homo sapiens RNA 3'-terminal phosphate cyclase (R  
RNA; gi|195927046|ref|NM\_001130842.1| Homo sapiens zinc finger protein 286A (ZNF286A), transcrip  
048|ref|NM\_003833.3| Homo sapiens matrilin 4 (MATN4), transcript variant 1, mRNA; gi|195927050|  
;

pseudogene 2 (SDHAP2), non-coding RNA;

nt 1, mRNA; gi|195927065|ref|NM\_002039.3| Homo sapiens GRB2-associated binding protein 1 (GAB1

coding) (MIMT1), non-coding RNA;

47371|ref|NM\_003277.3| Homo sapiens claudin 5 (CLDN5), transcript variant 2, mRNA;

VA;

t 1, mRNA; gi|195963315|ref|NM\_001130864.1| Homo sapiens PWWP domain containing 2A (PWWP2  
: 2, mRNA; gi|195947390|ref|NM\_001130862.1| Homo sapiens RAD51 associated protein 1 (RAD51AP:

7396|ref|NM\_007318.2| Homo sapiens presenilin 1 (PSEN1), transcript variant 2, mRNA;  
iciency, complementation group 2 (ERCC2), transcript variant 2, mRNA; gi|195947405|ref|NM\_000400.  
non-coding RNA;  
master cells 5 (double-strand-break rejoining) (XRCC5), mRNA;  
1), transcript variant 1A, mRNA; gi|195963397|ref|NM\_001130912.1| Homo sapiens SGT1, suppressor  
SF4), mRNA;

gi|195963405|ref|NM\_001130914.1| Homo sapiens BTG family, member 3 (BTG3), transcript variant 1

scriptional regulator (MAMSTR), transcript variant 1, mRNA; gi|195963407|ref|NM\_182574.2| Homo s:  
transcript variant 2, mRNA; gi|66346739|ref|NM\_004612.2| Homo sapiens transforming growth factor  
transcript variant 1, mRNA; gi|195963415|ref|NM\_173623.3| Homo sapiens tubulin tyrosine ligase-like i  
A;

), transcript variant 7, mRNA; gi|195963424|ref|NM\_001130921.1| Homo sapiens RAB, member of RAS  
ear gene encoding mitochondrial protein, mRNA;

with TM domain), member 2 (LILRA2), transcript variant 1, mRNA; gi|195963414|ref|NM\_006866.2| Hc  
mRNA; gi|284807139|ref|NM\_001171894.1| Homo sapiens myocyte enhancer factor 2A (MEF2A), tra  
[ARHGEF18], transcript variant 2, mRNA; gi|195972854|ref|NM\_015318.3| Homo sapiens Rho/Rac gua  
transcript variant 1, mRNA; gi|195972860|ref|NM\_173807.4| Homo sapiens chromosome 1 open reading

; gi|195972872|ref|NM\_001130961.1| Homo sapiens phospholipase C, eta 1 (PLCH1), transcript varian  
variant 1, mRNA; gi|195972878|ref|NM\_015257.2| Homo sapiens transmembrane protein 194A (TME  
1A; gi|195972906|ref|NR\_024071.1| Homo sapiens phospholipase C, delta 1 (PLCD1), transcript variant  
;

ript variant 2, mRNA; gi|291167772|ref|NM\_001163560.2| Homo sapiens chromosome 16 open readir

t variant 1, mRNA; gi|196049369|ref|NM\_145071.2| Homo sapiens cytokine inducible SH2-containing  
al recessive) (DYSF), transcript variant 3, mRNA; gi|194394189|ref|NM\_003494.3| Homo sapiens dysfer

og (*S. cerevisiae*) (RTF1), mRNA;

nRNA; gi|195976794|ref|NM\_175724.2| Homo sapiens interleukin 5 receptor, alpha (IL5RA), transcript

P1R2), mRNA;

RNA; gi|196049371|ref|NM\_000965.3| Homo sapiens retinoic acid receptor, beta (RARβ), transcript va  
nRNA; gi|169234641|ref|NM\_006389.3| Homo sapiens hypoxia up-regulated 1 (HYOU1), transcript var  
iant 3, mRNA; gi|195976808|ref|NM\_001130992.1| Homo sapiens retinol binding protein 1, cellular (R

mRNA;

ranscript variant 2, mRNA; gi|196049378|ref|NM\_000859.2| Homo sapiens 3-hydroxy-3-methylglutary  
A), transcript variant 2, mRNA; gi|196049381|ref|NM\_152274.3| Homo sapiens family with sequence s

;gi|197100031|ref|NM\_002738.6| Homo sapiens protein kinase C, beta (PRKCB), transcript variant 2, n

IT1), non-coding RNA;

transcript variant 1, non-coding RNA; gi|197100187|ref|NR\_024088.1| Homo sapiens long intergenic non-coding RNA; gi|197100229|ref|NM\_001131064.1| Homo sapiens acid phosphatase 2, lysosomal (ACP2), transcript variant 2, mRNA; gi|197100525|ref|NM\_001131065.1| Homo sapiens Rieske (Fe-S) domain containing (RFESCD1), gene encoding mitochondrial protein, mRNA;

transcript variant 1, mRNA; gi|197100899|ref|NM\_001134222.1| Homo sapiens iroquois homeobox 2 (IRX2), transcript variant 2, mRNA; gi|197102727|ref|NM\_001040649.2| Homo sapiens acid phosphatase 1, soluble (ACP1), transcript variant 1, non-coding RNA;

transcript variant 1, mRNA; gi|197116346|ref|NM\_001099.4| Homo sapiens acid phosphatase, prostate (ACPP), transcript variant 2, mRNA; gi|197116353|ref|NM\_022832.3| Homo sapiens ubiquitin specific peptidase 46 (USP46), transcript variant 1, mRNA; gi|197116360|ref|NM\_001134225.1| Homo sapiens inositol polyphosphate 4-phosphatase (IP4A), transcript variant b, mRNA; gi|197116360|ref|NM\_001134225.1| Homo sapiens inositol polyphosphate 4-phosphatase (IP4A), transcript variant b, mRNA;

non-coding RNA;

non-coding RNA;

gene encoding mitochondrial protein, mRNA;

transcript variant 1, mRNA; gi|197116382|ref|NM\_032989.2| Homo sapiens BCL2-associated agonist of cell death (BAX), gene encoding mitochondrial protein, mRNA;

transcript variant 2, mRNA; gi|197116385|ref|NM\_001134231.1| Homo sapiens 5'-nucleotidase domain containing protein 1 (NDC80), transcript variant 2, mRNA; gi|197116387|ref|NM\_018374.3| Homo sapiens transmembrane protein 106B (TMEI1), gene encoding mitochondrial protein, mRNA;

transcript variant 2, mRNA; gi|197116387|ref|NM\_018374.3| Homo sapiens transmembrane protein 106B (TMEI1), gene encoding mitochondrial protein, mRNA;

non-coding RNA;

NA;

RNA;

rolase) (BAP1), mRNA;

transcript variant 2, mRNA; gi|83267876|ref|NM\_005054.2| Homo sapiens RANBP2-like and GRIP domain containing protein 1 (RANBP2L), gene encoding mitochondrial protein, mRNA;

transcript variant 1, mRNA; gi|19718787|ref|NM\_133340.1| Homo sapiens RAD17 homolog (S. pombe) (RAD17), transcript variant 1, mRNA; gi|19718787|ref|NM\_133340.1| Homo sapiens RAD17 homolog (S. pombe) (RAD17), transcript variant 1, mRNA;

M2), transcript variant 1, mRNA; gi|197209855|ref|NM\_006803.3| Homo sapiens adaptor-related protein 1 (APR1), gene encoding mitochondrial protein, mRNA;

non-coding RNA;

finger protein) (ST18), mRNA;

transcript variant 1, mRNA; gi|306482693|ref|NM\_001195446.1| Homo sapiens serine/arginine-rich splicing factor 1 (SRSF1), transcript variant 1, mRNA; gi|306482693|ref|NM\_001195446.1| Homo sapiens serine/arginine-rich splicing factor 1 (SRSF1), transcript variant 1, mRNA;

ding RNA;

AS5), non-coding RNA;

non-coding RNA;

transcript variant 1, mRNA; gi|257900482|ref|NM\_020785.2| Homo sapiens coiled-coil and C2 domain containing protein 2 (GNB2), transcript variant 1, mRNA; gi|257900482|ref|NM\_020785.2| Homo sapiens coiled-coil and C2 domain containing protein 2 (GNB2), transcript variant 1, mRNA;

A;

RNA;

nRNA;

a (NAPB), mRNA;

27B), transcript variant 2, mRNA; gi|118200332|ref|NM\_001078172.1| Homo sapiens family with sequence  
variant 2, mRNA; gi|197245394|ref|NM\_147185.2| Homo sapiens A kinase (PRKA) anchor protein (gamma  
east) (ACTR1B), mRNA;

|ref|NM\_001207047.1| Homo sapiens attractin (ATRN), transcript variant 4, mRNA; gi|197245425|ref|  
NM\_001207047.1| Homo sapiens 2AK1), transcript variant 1, mRNA; gi|197245436|ref|NM\_001134335.1| Homo sapiens eukaryotic trans-

), mRNA;

transcript variant 1, mRNA; gi|197245443|ref|NM\_001134336.1| Homo sapiens family with sequence si-

gi|197245451|ref|NM\_001134338.1| Homo sapiens ring finger protein 24 (RNF24), transcript variant 3

e 3 (PSMG3), transcript variant 2, mRNA; gi|197245456|ref|NM\_032302.3| Homo sapiens proteasome

it 1, mRNA; gi|197276597|ref|NM\_030885.3| Homo sapiens microtubule-associated protein 4 (MAP4),  
binding mitochondrial protein, transcript variant 2e, mRNA; gi|197276607|ref|NM\_002542.5| Homo sapiens  
<Da) (GAD2), transcript variant 1, mRNA; gi|197276619|ref|NM\_001134366.1| Homo sapiens glutamate  
aurine), member 6 (SLC6A6), transcript variant 3, mRNA; gi|110082729|ref|NM\_003043.3| Homo sapiens  
IA;

RNA; gi|306922376|ref|NM\_001195517.1| Homo sapiens T-cell leukemia homeobox 1 (TLX1), transcript  
uncoupled (HTR7), transcript variant b, mRNA; gi|197276639|ref|NM\_019859.3| Homo sapiens 5-hy  
P2), transcript variant 3, mRNA; gi|197276642|ref|NM\_017724.2| Homo sapiens leucine rich repeat (in  
3 (IFIT3), transcript variant 1, mRNA; gi|197276656|ref|NM\_001031683.2| Homo sapiens interferon-in  
5 (IFIT5), mRNA;

transcript variant 2, mRNA; gi|197276667|ref|NM\_198572.2| Homo sapiens spermatogenesis and cent  
ref|NM\_001134375.1| Homo sapiens cyclin J (CCNJ), transcript variant 1, mRNA; gi|197276675|ref|NM  
A;

A;

RNA;

er 20 (SLC6A20), transcript variant 2, mRNA; gi|197304679|ref|NM\_020208.3| Homo sapiens solute car

pt variant 4, mRNA; gi|197304687|ref|NM\_001134388.1| Homo sapiens zinc finger, DHHC-type contain  
anscript variant 1, mRNA; gi|197304696|ref|NM\_130435.3| Homo sapiens protein tyrosine phosphatas  
t variant 1, mRNA; gi|197304709|ref|NM\_001134396.1| Homo sapiens chromosome 7 open reading fr  
script variant 1, mRNA; gi|197304713|ref|NM\_003371.3| Homo sapiens vav 2 guanine nucleotide exch:

anscript variant 1, mRNA; gi|197304730|ref|NM\_001134403.1| Homo sapiens cytochrome b-561 dom:

RNA;

nse RNA;

, non-coding RNA;

int 2, mRNA; gi|197304742|ref|NM\_138290.2| Homo sapiens RUN domain containing 3B (RUNDC3B), t

INA), mRNA;

coding RNA; gi|50346003|ref|NM\_002626.4| Homo sapiens phosphofructokinase, liver (PFKL), transcri  
(ALG14), mRNA;

, mRNA; gi|314122190|ref|NM\_001199679.1| Homo sapiens transmembrane protein 56 (TMEM56), tr

11), mRNA;

variant 1, mRNA; gi|197304774|ref|NM\_001134380.1| Homo sapiens TBC1 domain family, member 5 (T

t 1, mRNA; gi|197304778|ref|NM\_014869.4| Homo sapiens IQ motif and Sec7 domain 1 (IQSEC1), tran

variant 2, non-coding RNA; gi|197304793|ref|NR\_024107.1| Homo sapiens ADAM metalloproteinase do

ninotransferase 1) (GOT1), mRNA;

2A (GRIN2A), transcript variant 3, mRNA; gi|197313634|ref|NM\_000833.3| Homo sapiens glutamate re

OSP1), transcript variant 4, non-coding RNA; gi|197313649|ref|NR\_024111.1| Homo sapiens Shwachma

1, mRNA; gi|197313652|ref|NM\_018138.3| Homo sapiens TBCC domain containing 1 (TBCCD1), transc

gi|197313660|ref|NM\_018192.3| Homo sapiens leprecan-like 1 (LEPREL1), transcript variant 1, mRNA;

ranscript variant 2, mRNA; gi|197313663|ref|NM\_003503.3| Homo sapiens cell division cycle 7 homolog

gi|197313673|ref|NM\_001134423.1| Homo sapiens CDV3 homolog (mouse) (CDV3), transcript variat

1), mRNA;

ranscript variant 1, mRNA; gi|262050665|ref|NM\_001166393.1| Homo sapiens microtubule associat

NA; gi|197313703|ref|NM\_022461.3| Homo sapiens 5-azacytidine induced 2 (AZI2), transcript variant

A; gi|197313716|ref|NM\_032263.3| Homo sapiens IQ motif containing G (IQCG), transcript variant 1, r

yeast) (ACTR1A), mRNA;

PHLDB2), transcript variant 2, mRNA; gi|197313727|ref|NM\_001134437.1| Homo sapiens pleckstrin ho

antisense RNA;  
 . (HNRNPA3P1), non-coding RNA;  
 rRNA; gi|197313741|ref|NM\_001134440.1| Homo sapiens zinc finger protein 502 (ZNF502), transcript  
 variant 2, non-coding RNA; gi|197313753|ref|NM\_198077.3| Homo sapiens chromosome 1 open read  
 transcript variant 2, mRNA; gi|197313761|ref|NM\_012137.3| Homo sapiens dimethylarginine dimethyl  
 nolog (avian) (MAF), transcript variant 2, mRNA; gi|197313768|ref|NM\_005360.4| Homo sapiens v-ma  
 '1|ref|NM\_006393.2| Homo sapiens nebulin (NEBL), transcript variant 1, mRNA; gi|291190153|ref|N  
 riant 1, mRNA; gi|197313777|ref|NM\_152913.2| Homo sapiens transmembrane protein 130 (TMEM13  
 ;9155289|ref|NM\_177986.3| Homo sapiens desmoglein 4 (DSG4), transcript variant 2, mRNA;

.C8B), transcript variant 2, mRNA; gi|197333690|ref|NM\_015350.2| Homo sapiens leucine rich repeat c  
 ), mRNA;  
 ;C8D), transcript variant 1, mRNA; gi|197333704|ref|NM\_018103.4| Homo sapiens leucine rich repeat  
 st variant 1, mRNA; gi|40788017|ref|NM\_199357.1| Homo sapiens Rho GTPase activating protein 11A  
 rRNA; gi|281427157|ref|NM\_001170460.1| Homo sapiens cyclin-dependent kinase 16 (CDK16), transc  
 ein 4) (TFAP4), mRNA;  
 VA;  
 WNT2B), transcript variant WNT-2B1, mRNA; gi|197333756|ref|NM\_024494.2| Homo sapiens wingless-  
 transcript variant 2, mRNA; gi|197333758|ref|NM\_002607.5| Homo sapiens platelet-derived growth f  
 !), mRNA;  
 ranscript variant 2, mRNA; gi|197333799|ref|NM\_001134456.1| Homo sapiens family with sequence si  
 VA;  
 !), mRNA;  
 iant 1, mRNA; gi|197333812|ref|NM\_001042601.2| Homo sapiens tetratricopeptide repeat domain 14  
 ), mRNA;

t variant 1, mRNA; gi|197333855|ref|NM\_001134468.1| Homo sapiens chromosome 7 open reading fr  
 t variant 1, mRNA; gi|197333862|ref|NM\_001134470.1| Homo sapiens chromosome 3 open reading fr  
 33878|ref|NM\_001134473.1| Homo sapiens KIAA0182 (KIAA0182), transcript variant 2, mRNA;

n-coding RNA;  
 riant 1, mRNA; gi|197382179|ref|NM\_183393.2| Homo sapiens Ca<sup>++</sup>-dependent secretion activator (C



Δ;

variant a, mRNA; gi|125661040|ref|NM\_198595.2| Homo sapiens actin filament associated protein 1 (

(HDHD1), transcript variant 2, mRNA; gi|296011027|ref|NM\_001178135.1| Homo sapiens haloacid de  
er 3 (EIF4E3), transcript variant 1, mRNA; gi|197382627|ref|NM\_173359.4| Homo sapiens eukaryotic t  
LC3B), mRNA;

cript variant 2, mRNA; gi|197382723|ref|NM\_012262.3| Homo sapiens heparan sulfate 2-O-sulfotransf  
A; gi|197382823|ref|NM\_001032292.2| Homo sapiens zinc finger protein 174 (ZNF174), transcript vari

oding RNA;

ransporter 9) (SLC16A9), mRNA;

ΔA;

), mRNA;

RNA; gi|197383771|ref|NM\_004220.2| Homo sapiens zinc finger protein 213 (ZNF213), transcript vari

A; gi|197384096|ref|NM\_001134656.1| Homo sapiens zinc finger protein 662 (ZNF662), transcript vari

ΔA;

17385848|ref|NM\_152837.2| Homo sapiens sorting nexin 16 (SNX16), transcript variant 3, mRNA; gi|19

2F1), mRNA;

, mRNA; gi|19743799|ref|NM\_016325.2| Homo sapiens zinc finger protein 274 (ZNF274), transcript va  
e) (HSD17B6), mRNA;

X3), transcript variant 1, mRNA; gi|19743883|ref|NM\_134428.1| Homo sapiens regulatory factor X, 3 (X  
IA; gi|19743893|ref|NM\_133480.1| Homo sapiens transcriptional adaptor 3 (TADA3), transcript variant  
RNA; gi|197085604|ref|NM\_133179.2| Homo sapiens X antigen family, member 3 (XAGE3), transcript

nRNA;

ipt variant 2, mRNA; gi|197927465|ref|NM\_004407.3| Homo sapiens dentin matrix acidic phosphoprot  
IFS11), transcript variant 1, mRNA; gi|197927084|ref|NM\_033012.3| Homo sapiens tumor necrosis fa

cript variant 1, mRNA; gi|190684708|ref|NM\_032884.3| Homo sapiens chromosome 1 open reading fr  
NA; gi|195927001|ref|NM\_001130845.1| Homo sapiens B-cell CLL/lymphoma 6 (BCL6), transcript varia

ter, member 4 (SLC4A4), transcript variant 1, mRNA; gi|197927159|ref|NM\_001134742.1| Homo sapie  
ipt variant 1, mRNA; gi|197927202|ref|NM\_001134758.1| Homo sapiens ADP-ribosylation factor relat

l4), transcript variant 1, mRNA; gi|156139146|ref|NM\_024993.4| Homo sapiens leucine rich repeat tra  
log (yeast) (TOMM6), nuclear gene encoding mitochondrial protein, mRNA;

;  
encoding mitochondrial protein, mRNA;  
variant 2, mRNA; gi|197927232|ref|NM\_001134658.1| Homo sapiens solute carrier family 35, member

B14), transcript variant 1, mRNA;

transcript variant 1, mRNA; gi|197927256|ref|NM\_001134664.1| Homo sapiens sterile alpha motif doma  
; 2 (RG9MTD2), transcript variant 3, mRNA; gi|197927260|ref|NM\_001134665.1| Homo sapiens RNA (g

lymerase 2 (TNKS2), mRNA;  
variant 2, mRNA; gi|198041719|ref|NM\_024295.4| Homo sapiens Der1-like domain family, member 1

04A), transcript variant 2, mRNA; gi|197927280|ref|NM\_022063.2| Homo sapiens family with sequence  
nt 1, mRNA; gi|192447425|ref|NM\_001128827.1| Homo sapiens discs, large homolog 4 (Drosophila) (l  
;T4), mRNA;  
iant 2, mRNA; gi|197927427|ref|NM\_005100.3| Homo sapiens A kinase (PRKA) anchor protein 12 (AKA  
ling mitochondrial protein, transcript variant 2, mRNA; gi|197927444|ref|NM\_007101.3| Homo sapien:

0349790|ref|NM\_003472.3| Homo sapiens DEK oncogene (DEK), transcript variant 1, mRNA;  
:r), member 5 (SLC12A5), transcript variant 1, mRNA; gi|198041674|ref|NM\_020708.4| Homo sapiens s  
er 13 (SLC22A13), mRNA;  
on-coding RNA;  
er 18 antisense (SLC22A18AS), mRNA;

n-coding RNA;  
e encoding mitochondrial protein, transcript variant 1, mRNA; gi|197927273|ref|NM\_001134670.1| Hc  
on-coding RNA;  
; gi|198041733|ref|NM\_001134776.1| Homo sapiens kinesin light chain 2 (KLC2), transcript variant 4, n  
1, mRNA; gi|198041754|ref|NM\_001134778.1| Homo sapiens pre-B-cell leukemia homeobox 3 (PBX3)

NA;  
1776|ref|NM\_001134779.1| Homo sapiens importin 11 (IPO11), transcript variant 1, mRNA;

-G12), non-coding RNA;

RNA; gi|198278445|ref|NM\_001134793.1| Homo sapiens hydrolethalus syndrome 1 (HYLS1), transcript  
2, mRNA; gi|198278565|ref|NM\_017955.3| Homo sapiens cell division cycle associated 4 (CDCA4), tran

A;  
riant 2, mRNA; gi|171906610|ref|NM\_001122962.1| Homo sapiens signal-regulatory protein beta 2 (SII

ogene (OR3A4P), non-coding RNA;  
L, mRNA; gi|198442875|ref|NM\_001024940.2| Homo sapiens tripartite motif containing 17 (TRIM17), 1  
CC4), mRNA;

IA;

2, mRNA; gi|19913366|ref|NM\_134259.1| Homo sapiens transducin (beta)-like 1, Y-linked (TBL1Y), trar

, transcript variant 1, mRNA; gi|19913415|ref|NM\_130787.2| Homo sapiens adaptor-related protein cc  
19913442|ref|NM\_134421.1| Homo sapiens hippocalcin-like 1 (HPCAL1), transcript variant 2, mRNA;

KFB4), mRNA;

ependent inhibitor, repressor of (P58 repressor) (PRKRIR), mRNA;

RNA;

.), mRNA;

mRNA;

mRNA;  
U1), nuclear gene encoding mitochondrial protein, mRNA;

FXANK), transcript variant 1, mRNA; gi|19924155|ref|NM\_134440.1| Homo sapiens regulatory factor X

ant 1, mRNA; gi|199559437|ref|NM\_001134830.1| Homo sapiens Abelson helper integration site 1 (AHS1), mRNA;

inscript variant 2, mRNA; gi|199560354|ref|NM\_001134875.1| Homo sapiens chromosome 14 open reading frame 12, mRNA; gi|199560799|ref|NM\_001134878.1| Homo sapiens kinesin family member 9 (KIF9), transcript variant 1, mRNA;

mRNA;

mRNA; gi|201023338|ref|NM\_001134937.1| Homo sapiens FIP1 like 1 (S. cerevisiae) (FIP1L1), transcript variant 1, mRNA;

n-coding RNA;

int 1, mRNA; gi|201025400|ref|NM\_178335.2| Homo sapiens coiled-coil domain containing 50 (CCDC50), mRNA;

nsporter 6) (SLC16A5), mRNA;

ef|NM\_134441.1| Homo sapiens relaxin 2 (RLN2), transcript variant 1, mRNA;

IA;

SERPINB1), mRNA;

1 (HSP90AB1), mRNA;

) (GHRLOS), transcript variant 1, non-coding RNA; gi|201860260|ref|NR\_024145.1| Homo sapiens ghrelin receptor 1, non-coding RNA;

12, non-coding RNA; gi|201023356|ref|NR\_024133.1| Homo sapiens ghrelin/obestatin prepropeptide (GHRP), non-coding RNA;

;

mRNA; gi|14574565|ref|NM\_032955.1| Homo sapiens allograft inflammatory factor 1 (AIF1), transcript variant 1, mRNA;

nRNA; gi|201861812|ref|NM\_001134999.1| Homo sapiens fermitin family member 2 (FERMT2), transcript variant 1, mRNA;

DSC), mRNA;

ing 1 (MITD1), mRNA;

mRNA; gi|20302142|ref|NM\_017509.2| Homo sapiens kallikrein-related peptidase 15 (KLK15), transcri

encoding mitochondrial protein, mRNA;

A; gi|203097777|ref|NR\_024148.1| Homo sapiens ring finger protein 121 (RNF121), transcript variant :

isiae) (RMND5A), mRNA;

), mRNA;

pt variant 3, mRNA; gi|203098649|ref|NM\_001135023.1| Homo sapiens ELMO/CED-12 domain contain  
(), transcript variant 2, mRNA; gi|260898738|ref|NM\_001166158.1| Homo sapiens pyruvate dehydroge

mber 13 (SLC2A13), mRNA;

cript variant 4, mRNA; gi|20336183|ref|NM\_138321.1| Homo sapiens proprotein convertase subtilisin/  
INA;

coding mitochondrial protein, mRNA;

(1N), mRNA;

A;

26A1), transcript variant 2, mRNA; gi|47132598|ref|NM\_213613.2| Homo sapiens solute carrier family

iant 1, mRNA; gi|20336281|ref|NM\_134266.1| Homo sapiens solute carrier family 26, member 7 (SLC2

ript variant 1, mRNA; gi|20336297|ref|NM\_138620.1| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box poly

;

rotein, transcript variant 1, mRNA; gi|20336333|ref|NM\_001191.2| Homo sapiens BCL2-like 1 (BCL2L1

(TP6V1G3), transcript variant 2, mRNA; gi|20357541|ref|NM\_133262.2| Homo sapiens ATPase, H<sup>+</sup> tran  
theinyl transferase (AASDHPPT), mRNA;

irttin) (BSND), mRNA;

2B6), mRNA;

RNA;

), mRNA;

1B), transcript variant 1, mRNA; gi|205277344|ref|NM\_001135031.1| Homo sapiens growth factor indu

NA; gi|205277346|ref|NM\_001058.3| Homo sapiens tachykinin receptor 1 (TACR1), transcript variant I

76A), transcript variant 1, mRNA; gi|205277350|ref|NM\_032181.2| Homo sapiens family with sequence

ipt variant 2, mRNA; gi|203098662|ref|NR\_024150.1| Homo sapiens acyl-CoA binding domain containi

!05277360|ref|NM\_004948.3| Homo sapiens desmocollin 1 (DSC1), transcript variant Dsc1b, mRNA;

3B2), transcript variant 2, mRNA; gi|205277365|ref|NM\_145301.2| Homo sapiens family with sequence

ant 1, mRNA; gi|205277368|ref|NM\_001135037.1| Homo sapiens microfibrillar-associated protein 3 (NF  
L, non-coding RNA; gi|205277373|ref|NR\_024153.1| Homo sapiens uncharacterized LOC378805 (FLJ436

1E1), mRNA;  
(MST1), mRNA;

ndrial protein, transcript variant 4, mRNA; gi|110227602|ref|NM\_025233.5| Homo sapiens CoA synthetase  
riant JNK2-b1, mRNA; gi|205277404|ref|NM\_002752.4| Homo sapiens mitogen-activated protein kinase

VA; gi|205277418|ref|NM\_001135048.1| Homo sapiens Jun dimerization protein 2 (JDP2), transcript va  
ript variant 1, mRNA; gi|205277422|ref|NM\_020789.3| Homo sapiens immunoglobulin superfamily, m  
L60B1), transcript variant 2, mRNA; gi|205277426|ref|NM\_020940.3| Homo sapiens family with sequen

acting) (DUSP11), mRNA;  
TIR) domain (SIGIRR), transcript variant 1, mRNA; gi|205277444|ref|NM\_021805.2| Homo sapiens sing

IA;  
emus) (COCH), transcript variant 1, mRNA; gi|205277469|ref|NM\_004086.2| Homo sapiens coagulation  
TTY11), non-coding RNA;  
nscript variant 1, mRNA; gi|205360847|ref|NM\_138318.2| Homo sapiens potassium channel, subfamily

ariant 3, mRNA; gi|205360921|ref|NM\_145650.3| Homo sapiens mucin 15, cell surface associated (ML

ript variant 1, mRNA; gi|205360933|ref|NM\_001135095.1| Homo sapiens fibronectin type III domain c  
A; gi|205360940|ref|NM\_001135098.1| Homo sapiens uridine phosphorylase 2 (UPP2), transcript varia  
1), transcript variant 1, mRNA; gi|205360961|ref|NM\_000296.3| Homo sapiens polycystic kidney disea  
ript variant 1, mRNA; gi|205360957|ref|NM\_024324.3| Homo sapiens cysteine-rich with EGF-like doma

transcript variant 3, mRNA; gi|205360967|ref|NM\_032115.3| Homo sapiens potassium channel, subfa  
ymerase I, B, 63kDa (TAF1B), mRNA;

xt variant L, mRNA; gi|205361110|ref|NM\_001002796.2| Homo sapiens multiple C2 domains, transmem  
transcript variant 1, mRNA; gi|205361120|ref|NM\_005722.3| Homo sapiens ARP2 actin-related protein  
mRNA; gi|205361121|ref|NM\_001002915.2| Homo sapiens IGF-like family member 2 (IGFL2), transcrip

ILC39A8), transcript variant 3, mRNA; gi|205830402|ref|NM\_001135146.1| Homo sapiens solute carrier  
39A14), transcript variant 2, mRNA; gi|205830425|ref|NM\_001135154.1| Homo sapiens solute carrier  
ript variant 1, mRNA; gi|205830431|ref|NM\_004647.2| Homo sapiens D4, zinc and double PHD fingers  
coding RNA;

nt 3, mRNA; gi|205830450|ref|NM\_001135161.1| Homo sapiens catechol-O-methyltransferase (COMT

riant 1, mRNA; gi|205830472|ref|NM\_001135163.1| Homo sapiens sialic acid binding Ig-like lectin 11 ('A1), transcript variant 3, mRNA; gi|206597440|ref|NM\_001135168.1| Homo sapiens aldehyde dehydrogenase 7 (ALDH7), transcript variant 1, mRNA; gi|206597455|ref|NM\_031911.4| Homo sapiens C1q and tumor necrosis factor- $\alpha$ -regulated 1 (NEDD1), transcript variant 4, mRNA; gi|206597466|ref|NM\_152905.3| Homo sapiens neurexin 1, transcript variant 2, mRNA; gi|206597476|ref|NM\_001135179.1| Homo sapiens zinc finger, DHHC-type containing protein 1, mRNA.

in 1 (ARAP1), transcript variant 1, mRNA; gi|206597514|ref|NM\_001135190.1| Homo sapiens ArfGAP 1 (ARF GTPase-activating protein 1), mRNA;

er 5 (SLC39A5), transcript variant 2, mRNA; gi|206597538|ref|NM\_173596.2| Homo sapiens solute carrier  
transcript variant 1, mRNA; gi|206597544|ref|NM\_199459.3| Homo sapiens chromosome 10 open reading  
, transcript variant e, mRNA; gi|65506744|ref|NM\_001018064.1| Homo sapiens neurotrophic tyrosine  
variant 2, mRNA; gi|206597546|ref|NM\_178173.3| Homo sapiens coiled-coil domain containing 36 (CC1  
3 (*S. cerevisiae*) (DCUN1D3), mRNA;

2 (GIT2), transcript variant 5, mRNA; gi|206725417|ref|NM\_057169.3| Homo sapiens G protein-coupled  
riptide variant 1, mRNA; gi|218505681|ref|NM\_001142726.1| Homo sapiens chromosome 1 open reading  
frame 1;  
3

nt 1, mRNA; gi|206725446|ref|NM\_001135217.1| Homo sapiens leucine rich repeat containing 23 (LRF associated factor, 20kDa (TAF12), transcript variant 2, mRNA; gi|206725449|ref|NM\_001135218.1| Ho

riant 1, mRNA; gi|206725520|ref|NM\_054033.2| Homo sapiens FK506 binding protein 1B, 12.6 kDa (FKBP1B), transcript variant 1, mRNA; gi|206725522|ref|NM\_006747.3| Homo sapiens signal-induced proliferation-associated protein 2, mRNA; gi|206725527|ref|NM\_004470.3| Homo sapiens FK506 binding protein 2, 13kDa (FKBP2), transcript variant 2, non-coding RNA; gi|206725531|ref|NM\_001826.2| Homo sapiens CDC28 protein kinase

A; gi|206725546|ref|NM\_001135212.1| Homo sapiens FK506 binding protein 7 (FKBP7), transcript vari (MTOR), mRNA;

ript variant PPIL3b, mRNA; gi|19557632|ref|NM\_032472.3| Homo sapiens peptidylprolyl isomerase (cy  
, non-coding RNA; gi|207028176|ref|NR\_024166.1| Homo sapiens uncharacterized LOC81854 (MGC37  
A; gi|207028493|ref|NM\_001135239.1| Homo sapiens lactate dehydrogenase A (LDHA), transcript var  
A; gi|207028521|ref|NM\_002301.4| Homo sapiens lactate dehydrogenase C (LDHC), transcript variant  
ator 3 (LAMTOR3), transcript variant 1, mRNA; gi|207028613|ref|NR\_024170.1| Homo sapiens late enc  
riant 1, mRNA; gi|207028746|ref|NM\_006096.3| Homo sapiens N-myc downstream regulated 1 (NDRG  
mRNA;

variant 3, mRNA; gi|207028869|ref|NM\_017459.2| Homo sapiens microfibrillar-associated protein 2 (M  
G), mRNA;  
222|ref|NM\_001135254.1| Homo sapiens paired box 7 (PAX7), transcript variant 3, mRNA; gi|2070292  
mRNA;  
, non-coding RNA; gi|207029301|ref|NR\_024173.1| Homo sapiens uncharacterized LOC91948 (LOC919  
RECK), mRNA;  
non-coding RNA;

ariant 2, mRNA; gi|207029438|ref|NM\_001135256.1| Homo sapiens retinoblastoma binding protein 4 (R  
script variant 2, mRNA; gi|299523014|ref|NM\_001190482.1| Homo sapiens proprotein convertase sub  
, transcript variant 3, mRNA; gi|207113121|ref|NM\_001135556.1| Homo sapiens dynein, cytoplasmic 1  
activation protein, epsilon polypeptide pseudogene (LOC284100), non-coding RNA;  
on-protein coding) (MALAT1), non-coding RNA;

38A), mRNA;

DMA), mRNA;  
ant 2, mRNA; gi|207113145|ref|NM\_004506.3| Homo sapiens heat shock transcription factor 2 (HSF2)  
A;  
ipt variant 1, mRNA; gi|207113180|ref|NM\_001097577.2| Homo sapiens angiogenin, ribonuclease, RN  
, mRNA;  
RNA;  
RNA;  
variant 2, mRNA; gi|207442673|ref|NM\_004161.4| Homo sapiens RAB1A, member RAS oncogene fami  
RNA;  
; (OBFC2B), mRNA;

cleolar RNA;  
rter), member 5 (SLC2A5), transcript variant 1, mRNA; gi|207447702|ref|NM\_001135585.1| Homo sap  
RNA;  
cript variant 1, mRNA; gi|207449709|ref|NM\_152409.3| Homo sapiens chromosome 5 open reading fr  
2 (GDAP2), transcript variant 2, mRNA; gi|197304676|ref|NM\_017686.3| Homo sapiens ganglioside ind  
oding RNA; gi|207450724|ref|NM\_001135590.1| Homo sapiens zinc finger protein 577 (ZNF577), trans  
BP1), non-coding RNA;



variant 2, mRNA; gi|363807221|ref|NM\_001254943.1| Homo sapiens coiled-coil domain containing 88A

cript variant 2, mRNA; gi|208022636|ref|NM\_152385.2| Homo sapiens chromosome 2 open reading fr  
Da, elongin A) (TCEB3), mRNA;

cript variant 3, mRNA; gi|208022643|ref|NM\_182789.3| Homo sapiens poly(A) binding protein interact  
ranscript variant 1, non-coding RNA; gi|208022650|ref|NR\_024184.1| Homo sapiens long intergenic no  
RNA; gi|208022654|ref|NM\_032208.2| Homo sapiens anthrax toxin receptor 1 (ANTXR1), transcript var  
upled (HTR1E), mRNA;

variant 2, mRNA; gi|208022669|ref|NM\_007036.4| Homo sapiens endothelial cell-specific molecule 1 (l  
RNA;

VNT9A), mRNA;

;

oding RNA;

ript variant 1, mRNA; gi|208022697|ref|NM\_001135610.1| Homo sapiens PR domain containing 2, wit  
809248|ref|NM\_000515.3| Homo sapiens growth hormone 1 (GH1), transcript variant 1, mRNA; gi|208  
809253|ref|NM\_022556.2| Homo sapiens growth hormone 2 (GH2), transcript variant 4, mRNA; gi|208  
pt variant 1, mRNA; gi|20819991|ref|NM\_022645.2| Homo sapiens chorionic somatomammotropin ho  
;

variant 1, mRNA; gi|208022686|ref|NM\_001135608.1| Homo sapiens Rho GTPase activating protein 26  
1, mRNA; gi|208431748|ref|NM\_002131.3| Homo sapiens high mobility group AT-hook 1 (HMGA1), tr  
nscript variant 1, mRNA; gi|208431768|ref|NM\_031450.3| Homo sapiens chromosome 11 open readir  
2307045|ref|NM\_001243186.1| Homo sapiens pim-1 oncogene (PIM1), transcript variant 1, mRNA;

a (PIP5K1A), transcript variant 3, mRNA; gi|208431710|ref|NM\_003557.2| Homo sapiens phosphatidyl  
ript variant 2, mRNA; gi|208431779|ref|NM\_001297.4| Homo sapiens cyclic nucleotide gated channel l  
gi|208431792|ref|NM\_001135643.1| Homo sapiens dynactin 4 (p62) (DCTN4), transcript variant 1, mRI  
mRNA;

'SMB1), mRNA;

ranscript variant 2, mRNA; gi|208431809|ref|NM\_001135647.1| Homo sapiens family with sequence si

), transcript variant 1, mRNA; gi|208431813|ref|NM\_002844.3| Homo sapiens protein tyrosine phosph  
house) (PKDCC), mRNA;

eptide 2 (B3GALT2), mRNA;

KCTD16), mRNA;

(PABPC4), transcript variant 1, mRNA; gi|208431834|ref|NM\_003819.3| Homo sapiens poly(A) binding  
ipt variant 3, mRNA; gi|208431837|ref|NM\_002347.4| Homo sapiens lymphocyte antigen 6 complex, lc  
g RNA;

609954|ref|NM\_004801.4| Homo sapiens neurexin 1 (NRXN1), transcript variant alpha1, mRNA; gi|208  
ranscript variant 2, mRNA; gi|208609963|ref|NM\_001135663.1| Homo sapiens RAB7, member RAS onc  
; gi|208609972|ref|NM\_003206.3| Homo sapiens transcription factor 21 (TCF21), transcript variant 2, r

, transcript variant 2, mRNA; gi|208609980|ref|NM\_004736.3| Homo sapiens xenotropic and polytropic

nt 1, mRNA; gi|208609992|ref|NM\_001135670.1| Homo sapiens methionine sulfoxide reductase A (MS  
; (yeast) (TOMM20), nuclear gene encoding mitochondrial protein, mRNA;  
nRNA;

8610003|ref|NR\_024191.1| Homo sapiens atlastin GTPase 2 (ATL2), transcript variant 3, non-coding RN

A (yeast) (TIMM17A), nuclear gene encoding mitochondrial protein, mRNA;

t variant 3, mRNA; gi|208610012|ref|NM\_001135674.1| Homo sapiens chromosome 8 open reading fr

pt variant 2, mRNA; gi|208610041|ref|NM\_016532.3| Homo sapiens inositol polyphosphate-5-phosphatase  
(EIF4EBP2), mRNA;

iant 3, mRNA; gi|208879421|ref|NM\_002344.5| Homo sapiens leukocyte receptor tyrosine kinase (LTK

L (TARM1), mRNA;

ipt variant 4, mRNA; gi|341865589|ref|NM\_001243133.1| Homo sapiens NLR family, pyrin domain con  
.08879444|ref|NM\_006211.3| Homo sapiens proenkephalin (PENK), transcript variant 2, mRNA;

Na, basic component 1) (SNTB1), mRNA;

gi|208879459|ref|NM\_001032282.2| Homo sapiens Kruppel-like factor 10 (KLF10), transcript variant 2

:transcript variant 2, mRNA; gi|208879461|ref|NM\_002608.2| Homo sapiens platelet-derived growth factor  
(PDGFR), mRNA;

1), transcript variant 1, mRNA; gi|208879469|ref|NM\_001135650.1| Homo sapiens eukaryotic translation

protein) (SGCA), transcript variant 2, mRNA; gi|208973224|ref|NM\_000023.2| Homo sapiens sarcoglycan

3 (HILS1), transcript variant 2, non-coding RNA; gi|208973234|ref|NR\_024193.1| Homo sapiens histone  
H4 activation protein, zeta polypeptide (YWHAZ), transcript variant 4, mRNA; gi|208973236|ref|NM\_1

ant 2, mRNA; gi|208973249|ref|NM\_170587.2| Homo sapiens regulator of G-protein signaling 20 (RGS2)

ly;

ript variant B, mRNA; gi|208973257|ref|NM\_178311.2| Homo sapiens gamma-glutamyltransferase light chain  
(GNT7B), mRNA;

;

number 32 (SLC25A32), nuclear gene encoding mitochondrial protein, mRNA;

A; gi|209180417|ref|NM\_001135721.1| Homo sapiens piwi-like 2 (Drosophila) (PIWIL2), transcript variant

RNA; gi|209180433|ref|NM\_001135726.1| Homo sapiens homeobox containing 1 (HMBOX1), transcript variant 1, mRNA; gi|209180409|ref|NM\_133430.2| Homo sapiens X antigen family, member 1D (XAGE1D), transcript variant 1, mRNA; gi|209180453|ref|NM\_024645.2| Homo sapiens zinc finger, matrin-type 4 (ZMAT4), transcript variant 1, mRNA; gi|209180449|ref|NM\_001135730.1| Homo sapiens target of myb1 (chicken) (TOM1), transcript variant 1, mRNA;

transcript variant 2, mRNA; gi|209180467|ref|NM\_033285.3| Homo sapiens tumor protein p53 inducer (TP53), member 3 pseudogene 1 (SLC25A3P1), non-coding RNA;

A;

L1), transcript variant 1, mRNA; gi|209180482|ref|NR\_024199.1| Homo sapiens Cbl proto-oncogene, E3 ubiquitin ligase;

antisense RNA;

transcript variant 2, mRNA; gi|209364519|ref|NM\_020919.3| Homo sapiens amyotrophic lateral sclerosis 2 (ALS2), transcript variant 3, mRNA; gi|209364524|ref|NM\_145043.2| Homo sapiens nei endonuclease VIII-like 2 (E. coli) (NEI2C), mRNA;

protein binding protein 1 (GPIHBP1), mRNA;

), mRNA;

transcript variant 1, mRNA; gi|209364540|ref|NM\_001002862.2| Homo sapiens Der1-like domain family, member 1, mRNA;

transcript variant 3, mRNA; gi|209364545|ref|NM\_007265.2| Homo sapiens ecdysoneless homolog (Drosophila) (EEL), mRNA;

transcript variant 4, mRNA; gi|209364590|ref|NM\_024722.2| Homo sapiens acyl-CoA binding domain containing 1, mRNA;

), mRNA;

protein kinase (PNCK), transcript variant 1, mRNA; gi|209364620|ref|NM\_001135740.1| Homo sapiens pre-mRNA processing factor 1, transcript variant 3, non-coding RNA; gi|209413710|ref|NR\_024204.1| Homo sapiens long intergenic non-coding RNA;

transcript variant 3, non-coding RNA; gi|209413710|ref|NR\_024204.1| Homo sapiens long intergenic non-coding RNA;

gi|209413727|ref|NM\_001135768.1| Homo sapiens poliovirus receptor (PVR), transcript variant 2, mRNA;

3737|ref|NM\_001135771.1| Homo sapiens ribophorin II (RPN2), transcript variant 2, mRNA;

transcript variant 1, mRNA; gi|300244549|ref|NR\_034009.1| Homo sapiens serine/arginine-rich splicing factor 6 (SRP6), mRNA;

transcript variant 2, mRNA; gi|209413750|ref|NM\_006038.3| Homo sapiens spermatogenesis associated 2 (SPATA2), transcript variant 1, mRNA; gi|209413751|ref|NM\_003490.3| Homo sapiens synapsin III (SYN3), transcript variant IIIa, mRNA; gi|209413755|ref|NM\_003490.3| Homo sapiens synapsin III (SYN3), transcript variant IIIa, mRNA;

transcript variant 1, mRNA; gi|209413755|ref|NM\_003490.3| Homo sapiens synapsin III (SYN3), transcript variant IIIa, mRNA; gi|209413755|ref|NM\_003490.3| Homo sapiens synapsin III (SYN3), transcript variant IIIa, mRNA;

MAPRE1), mRNA;

MAPRE1), mRNA;

transcript variant 1, mRNA; gi|209413765|ref|NM\_001135776.1| Homo sapiens zinc finger and BTB domain containing 1, mRNA;

;



), mRNA;

3442|ref|NM\_006790.2| Homo sapiens myotilin (MYOT), transcript variant 1, mRNA;  
transcript variant 3, non-coding RNA; gi|209571546|ref|NM\_018095.4| Homo sapiens kelch repeat an  
in) (SGCB), mRNA;  
2, mRNA; gi|209693460|ref|NM\_030914.2| Homo sapiens ubiquitin related modifier 1 (URM1), transcr

ipt variant 1, mRNA; gi|209862741|ref|NM\_153211.3| Homo sapiens tetratricopeptide repeat domain

on-coding RNA;

on-coding RNA;

oding RNA;

3 (CEACAM8), mRNA;

862764|ref|NM\_001135999.1| Homo sapiens RUN and SH3 domain containing 2 (RUSC2), mRNA;

oding RNA;

5 (non-specific cross reacting antigen) (CEACAM6), mRNA;

ng RNA;

), mRNA;

IM domain containing 3 (MICAL3), transcript variant 2, mRNA; gi|170172517|ref|NM\_001122731.1| Hc  
script variant 1, mRNA; gi|209862797|ref|NM\_206949.2| Homo sapiens interferon, alpha-inducible pro  
248A1), mRNA;

D3), transcript variant 8, mRNA; gi|209862808|ref|NM\_001136007.1| Homo sapiens FXYD domain con  
nRNA;

;

1 (TMUB1), transcript variant 2, mRNA; gi|217035134|ref|NM\_031434.3| Homo sapiens transmembran  
ariant 3, mRNA; gi|209862990|ref|NM\_130475.2| Homo sapiens MAP-kinase activating death domain (  
nRNA; gi|209863019|ref|NM\_031432.2| Homo sapiens uridine-cytidine kinase 1 (UCK1), transcript vari  
ember 4 (TRPC4), transcript variant epsilon, mRNA; gi|209863029|ref|NM\_001135957.1| Homo sapier  
variant 4, mRNA; gi|209862906|ref|NM\_006475.2| Homo sapiens periostin, osteoblast specific factor

ar RNA;

ar RNA;

lear RNA;

ar RNA;

ar RNA;

ar RNA;

lear RNA;

ar RNA;

ar RNA;  
ant JNK1-b1, mRNA; gi|20986493|ref|NM\_002750.2| Homo sapiens mitogen-activated protein kinase 8

osylglycinamide synthetase, phosphoribosylaminoimidazole synthetase (GART), transcript variant 2, mR  
seudogene 9 (MST1P9), non-coding RNA;  
RNA;  
;

NA;  
transcript variant a, mRNA; gi|209870080|ref|NR\_024239.1| Homo sapiens caspase 5, apoptosis-related  
variant 5, mRNA; gi|209870081|ref|NM\_001136113.1| Homo sapiens protein-O-mannosyltransferase 1  
gi|209870063|ref|NM\_015176.2| Homo sapiens F-box protein 28 (FBXO28), transcript variant 1, mRN  
variant 2, mRNA; gi|209870089|ref|NM\_031991.3| Homo sapiens polypyrimidine tract binding protein

ILA-J), non-coding RNA;  
(FAM86DP), non-coding RNA;

ding mitochondrial protein, mRNA;

15551|ref|NM\_001760.3| Homo sapiens cyclin D3 (CCND3), transcript variant 2, mRNA; gi|209915552

560|ref|NM\_001136127.1| Homo sapiens dynamin 3 (DNM3), transcript variant 2, mRNA;  
er 2 (SLC8A2), mRNA;  
A;

RNA; gi|209915580|ref|NM\_001136134.1| Homo sapiens ribosomal protein L28 (RPL28), transcript vari  
56KC1), transcript variant 2, mRNA; gi|209915589|ref|NM\_012424.3| Homo sapiens ribosomal protein  
ic (CMPK1), transcript variant 2, mRNA; gi|378925603|ref|NR\_046394.1| Homo sapiens cytidine mono  
ript variant 2, non-coding RNA; gi|209915598|ref|NM\_032853.3| Homo sapiens melanoma associated

mRNA; gi|209915616|ref|NM\_001135953.1| Homo sapiens G kinase anchoring protein 1 (GKAP1), tra  
lear RNA;

RNA;  
ar RNA;  
RNA; gi|149408150|ref|NM\_000383.2| Homo sapiens autoimmune regulator (AIRE), transcript variant  
ranscript variant 1, mRNA; gi|209954604|ref|NM\_201598.2| Homo sapiens family with sequence simil  
368), non-coding RNA;  
e (FAM86C2P), non-coding RNA;

(LOC100125556), transcript variant 1, non-coding RNA; gi|209954671|ref|NR\_024250.1| Homo sapiens  
(FAM86HP), non-coding RNA;  
SF9), mRNA;  
A;

(FAM86EP), non-coding RNA;

|ref|NM\_001136215.1| Homo sapiens artemin (ARTN), transcript variant 5, mRNA; gi|209954777|ref|

(FAM86FP), non-coding RNA;

it variant 2, mRNA; gi|209954786|ref|NM\_004381.4| Homo sapiens activating transcription factor 6 be  
doxin-like) domain containing 1 (PITHD1), mRNA;

ian) (ERG), transcript variant 4, mRNA; gi|343478183|ref|NM\_001243432.1| Homo sapiens v-ets eryth  
rRNA; gi|209954809|ref|NM\_014910.4| Homo sapiens zinc finger protein 507 (ZNF507), transcript vari  
ariant 1, mRNA; gi|209969807|ref|NM\_001136190.1| Homo sapiens lymphocyte transmembrane adap  
on-coding RNA;

9954817|ref|NM\_014921.4| Homo sapiens latrophilin 1 (LPHN1), transcript variant 2, mRNA;

cript variant 2, mRNA; gi|209954824|ref|NM\_001136161.1| Homo sapiens chromosome 8 open readir  
IA;

nscrip variant 2, mRNA; gi|209969677|ref|NM\_001136197.1| Homo sapiens fizzy/cell division cycle 2

it 1, mRNA; gi|209969685|ref|NM\_001136199.1| Homo sapiens GRAM domain containing 1A (GRAMD

;

ript variant 2, mRNA; gi|209969691|ref|NM\_001136200.1| Homo sapiens chromosome 10 open readir  
gene encoding mitochondrial protein, transcript variant 3, mRNA; gi|209969694|ref|NM\_001136201.1|  
it variant 2, mRNA; gi|209969698|ref|NM\_138442.3| Homo sapiens coiled-coil domain containing 124

;

1 (KCTD1), transcript variant 1, mRNA; gi|218505693|ref|NM\_001142730.1| Homo sapiens potassium  
, non-coding RNA; gi|209969746|ref|NR\_024256.1| Homo sapiens uncharacterized LOC399717 (FLJ45  
rRNA; gi|209969751|ref|NM\_000399.3| Homo sapiens early growth response 2 (EGR2), transcript varia  
rRNA;

rRNA;

dogene (LOC400927), non-coding RNA;

ide-like 3A (APOBEC3A), transcript variant 1, mRNA; gi|300869637|ref|NM\_001193289.1| Homo sapiei  
A;

NA; gi|209969829|ref|NM\_001136193.1| Homo sapiens FAST kinase domains 2 (FASTKD2), transcript \  
99A), mRNA;

69837|ref|NM\_001136196.1| Homo sapiens transportin 2 (TNPO2), transcript variant 1, mRNA; gi|209

A; gi|224451002|ref|NM\_001127203.1| Homo sapiens PCI domain containing 2 (PCID2), transcript vari

ferase homolog (S. cerevisiae) (ALG1), mRNA;

seudogene 1 (TMED10P1), non-coding RNA;

A;

nt 2, non-coding RNA; gi|209977004|ref|NM\_015509.3| Homo sapiens NECAP endocytosis associated 1  
nt variant 1, mRNA; gi|209977007|ref|NM\_032941.2| Homo sapiens RecQ protein-like (DNA helicase Q

PYROXD1), mRNA;

, mRNA; gi|209977020|ref|NM\_001136158.1| Homo sapiens OTU domain containing 5 (OTUD5), trans  
script variant 1, mRNA; gi|227497623|ref|NM\_001136214.1| Homo sapiens C-type lectin domain famil  
{AB3GAP2), mRNA;

034|ref|NM\_021995.2| Homo sapiens urotensin 2 (UTS2), transcript variant 1, mRNA;

og (*S. cerevisiae*) (UTP3), mRNA;

nt 1, mRNA; gi|209977055|ref|NM\_001136218.1| Homo sapiens transmembrane protein 51 (TMEM51  
;

nt 2, non-coding RNA; gi|209977062|ref|NM\_152305.2| Homo sapiens protein O-glucosyltransferase 1  
(!), mRNA;

rotein (GPX5), transcript variant 2, mRNA; gi|209977065|ref|NM\_001509.2| Homo sapiens glutathione

NA;

A; gi|209977083|ref|NM\_001136225.1| Homo sapiens REST corepressor 3 (RCOR3), transcript variant :

A;

domain (TMPPE), transcript variant 2, mRNA; gi|210031195|ref|NM\_001039770.2| Homo sapiens tran

1B, mRNA; gi|210031700|ref|NM\_130799.2| Homo sapiens multiple endocrine neoplasia I (MEN1), tra  
!A), transcript variant 2, mRNA; gi|210031821|ref|NM\_001136219.1| Homo sapiens Fc fragment of IgG  
on-coding RNA; gi|210032049|ref|NR\_024267.1| Homo sapiens prion protein (testis specific) (PRNT), tr  
3), transcript variant B, mRNA; gi|210032109|ref|NM\_178135.3| Homo sapiens hydroxysteroid (17-bet  
;

3B2), mRNA;

3B1), mRNA;

;

l), mRNA;

;

ng RNA;

t 2, non-coding RNA; gi|210033158|ref|NR\_024276.1| Homo sapiens uncharacterized LOC151658 (LOC  
-IT1), non-coding RNA;

;



IA;  
l, mRNA; gi|210147408|ref|NM\_001136258.1| Homo sapiens sphingomyelin synthase 2 (SGMS2), tran:  
;  
;  
01), mRNA;

nRNA;  
;  
, mRNA;

;  
B1), mRNA;

ne encoding mitochondrial protein, mRNA;  
;  
i-coding RNA;

47485|ref|NM\_024595.2| Homo sapiens akirin 1 (AKIRIN1), transcript variant 1, mRNA;  
riant 2, mRNA; gi|197313715|ref|NM\_023943.2| Homo sapiens transmembrane protein 108 (TMEM10  
pt variant 2, mRNA; gi|210147490|ref|NM\_004862.3| Homo sapiens lipopolysaccharide-induced TNF f:

on-coding RNA;  
MSL3P1), non-coding RNA;

7524|ref|NM\_001136474.1| Homo sapiens vasohibin 2 (VASH2), transcript variant 2, mRNA; gi|210147  
um channel 4 (HCN4), mRNA;  
1 (SPSB1), mRNA;  
;  
n-coding RNA;  
;

;  
l, non-coding RNA; gi|210147565|ref|NR\_024336.1| Homo sapiens uncharacterized LOC148231 (FLJ25:  
l, mRNA;  
RNA;  
RNA;  
mRNA;  
ding RNA;

seudogene (LOC652276), non-coding RNA;  
VA;  
ranscript variant 1, non-coding RNA; gi|210147594|ref|NR\_024339.1| Homo sapiens long intergenic no  
ding RNA;

RNA;

RD4), mRNA;

RD6), mRNA;

gi|21040313|ref|NM\_032195.1| Homo sapiens SON DNA binding protein (SON), transcript variant b, n  
ant 1, mRNA; gi|13540528|ref|NM\_030766.1| Homo sapiens BCL2-like 14 (apoptosis facilitator) (BCL2L  
c, mRNA; gi|21040361|ref|NM\_138992.1| Homo sapiens beta-site APP-cleaving enzyme 2 (BACE2), tra  
NA;

iber D (ANP32D), mRNA;

;

l1), mRNA;

ptide 3 (GNB3), mRNA;

;

RNA;

.BPB2), mRNA;

L059428|ref|NM\_001136504.1| Homo sapiens synaptotagmin II (SYT2), transcript variant 2, mRNA;

A;

, mRNA;

RNA;

RNA;

VA;

2A), transcript variant 2, mRNA; gi|211063478|ref|NM\_001136493.1| Homo sapiens major facilitator s

;

inscript variant 3, mRNA; gi|211063483|ref|NM\_032800.2| Homo sapiens chromosome 1 open reading  
non-coding RNA;

, non-coding RNA;

3 (NDST3), mRNA;

on-coding RNA;

RNA; gi|211904139|ref|NM\_001136266.1| Homo sapiens DAZ associated protein 2 (DAZAP2), transcript  
activator inhibitor type 1), member 2 (SERPINE2), transcript variant 4, mRNA; gi|211904150|ref|NM\_0  
0), mRNA;

non-coding RNA;

;

RNA;

n-coding RNA;

n-coding RNA;

BMS2), mRNA;

RL), mRNA;

ng RNA;

(FLJ10661), transcript variant 3, non-coding RNA; gi|211938422|ref|NR\_024361.1| Homo sapiens famil

A;

), non-coding RNA;

on-coding RNA;

;

;

;

|211938439|ref|NM\_001136540.1| Homo sapiens apolipoprotein L, 1 (APOL1), transcript variant 3, mF  
t 1, non-coding RNA; gi|211938444|ref|NR\_024370.1| Homo sapiens uncharacterized LOC440356 (LOC

;

), non-coding RNA; gi|211938447|ref|NR\_024371.1| Homo sapiens uncharacterized LOC440556 (FLJ428  
(BUB1), mRNA;

A;

L (LYSMD1), transcript variant 1, mRNA; gi|211938453|ref|NM\_001136543.1| Homo sapiens LysM, put  
nRNA;

(MAP1LC3C), mRNA;

t 1, non-coding RNA; gi|211938458|ref|NR\_024373.1| Homo sapiens uncharacterized LOC541471 (LOC  
642846), non-coding RNA;

, transcript variant 1, mRNA; gi|211971006|ref|NM\_025247.5| Homo sapiens acyl-CoA dehydrogenase

;

non-coding RNA;

|211971037|ref|NM\_001136555.1| Homo sapiens tousled-like kinase 1 (TLK1), transcript variant 3, mR

, non-coding RNA;

NA;

n-coding RNA;  
 ;  
 ist) (BUB3), transcript variant 2, mRNA; gi|211971045|ref|NM\_004725.3| Homo sapiens budding uninhibited cell growth factor 1 (BUB3), transcript variant 2, mRNA;  
 ;  
 g RNA;  
 ;  
 ariant 2, mRNA; gi|211971057|ref|NM\_001136557.1| Homo sapiens G protein-coupled receptor 107 (GPR107), transcript variant 2, non-coding RNA; gi|211971061|ref|NR\_015436.1| Homo sapiens long intergenic non-coding RNA; gi|211971069|ref|NR\_024385.1| Homo sapiens uncharacterized LOC151300 (LOC151300), non-coding RNA; gi|211971069|ref|NR\_024385.1| Homo sapiens uncharacterized LOC151300 (LOC151300) domain) member 1 pseudogene (PLEKHM1P), non-coding RNA;  
 \DRP2), non-coding RNA;  
 ;  
 A;  
  
 53937853|ref|NM\_020725.1| Homo sapiens ataxin 7-like 1 (ATXN7L1), transcript variant 1, mRNA; gi|153937853|ref|NM\_020725.1| Homo sapiens ataxin 7-like 1 (ATXN7L1), transcript variant 1, mRNA;  
 ;  
 ;  
 ;  
 ;  
  
 ;  
  
 ;  
 on-coding RNA;  
  
  
 ;  
 ;  
 t 2, non-coding RNA; gi|212276003|ref|NR\_024402.1| Homo sapiens uncharacterized LOC197187 (MG197187), mRNA;  
 t 2, non-coding RNA; gi|212276032|ref|NR\_024403.1| Homo sapiens uncharacterized LOC730101 (LOC730101), mRNA;  
 ;  
 P1), transcript variant 5, mRNA; gi|212276095|ref|NM\_001137552.1| Homo sapiens leucine rich repeat domain 1 (LRWD1), transcript variant 2, mRNA; gi|212276111|ref|NM\_014060.2| Homo sapiens malignant T cell amplified sequence 1 (MTAS1), non-coding RNA;  
 3), mRNA;  
 ;  
  
 nt 2, mRNA; gi|311078507|ref|NM\_001198719.1| Homo sapiens retinoblastoma binding protein 7 (RBBP7), transcript variant 2, mRNA; gi|311078507|ref|NM\_001198719.1| Homo sapiens retinoblastoma binding protein 7 (RBBP7), transcript variant 2, mRNA;  
  
 t 1, non-coding RNA; gi|212276225|ref|NR\_024411.1| Homo sapiens uncharacterized LOC254312 (LOC254312), transcript variant 1, mRNA; gi|212274476|ref|NM\_001136575.1| Homo sapiens LanC lantibiotic resistance protein ligase (MARCH4), mRNA;  
 t 2, non-coding RNA; gi|212276287|ref|NR\_024412.1| Homo sapiens uncharacterized LOC401397 (LOC401397), non-coding RNA; gi|212276287|ref|NR\_024412.1| Homo sapiens uncharacterized LOC401397 (LOC401397), non-coding RNA;

GS), mRNA;  
 g 2A (OBFC2A), transcript variant 1, mRNA; gi|362999020|ref|NR\_045623.1| Homo sapiens oligonucleoc  
 , non-coding RNA; gi|212286151|ref|NR\_015401.1| Homo sapiens uncharacterized LOC255031 (FLJ35:  
 A;  
 RNA;  
 ling RNA;  
 2, mRNA; gi|20127543|ref|NM\_015955.2| Homo sapiens mediator of cell motility 1 (MEMO1), transcr  
 ;  
 ng RNA;  
 ), transcript variant 1, non-coding RNA; gi|212286168|ref|NR\_024422.1| Homo sapiens ZNF503 antiser  
 ;  
 ript variant 1, mRNA; gi|212286171|ref|NM\_001137604.1| Homo sapiens polymerase (RNA) I polypep  
  
 ; gi|212286174|ref|NR\_024423.1| Homo sapiens uncharacterized LOC255167 (LOC255167), non-codin  
  
 ;  
 member E (ANP32E), transcript variant 2, mRNA; gi|212286189|ref|NM\_030920.3| Homo sapiens acid  
  
 interacting protein) (ST13), mRNA;  
 IK3CG), mRNA;  
 (MAPKAPK5), transcript variant 2, mRNA; gi|21237764|ref|NM\_003668.2| Homo sapiens mitogen-acti  
 ;  
  
 A;  
 ript variant 2, mRNA; gi|212549554|ref|NM\_001137673.1| Homo sapiens interleukin enhancer binding  
 728989), non-coding RNA;  
 VK2A), transcript variant 1, mRNA; gi|212549565|ref|NM\_171825.2| Homo sapiens calcium/calmoduli  
 t 2, non-coding RNA; gi|219555669|ref|NR\_024431.2| Homo sapiens uncharacterized LOC283050 (LOC  
 R100HG), non-coding RNA;  
 on-coding RNA;  
  
 ;  
 ng RNA; gi|212549581|ref|NR\_024435.1| Homo sapiens uncharacterized LOC100133991 (LOC1001339  
 ;  
 1K2B), transcript variant 2, mRNA; gi|212549585|ref|NM\_172081.2| Homo sapiens calcium/calmodulin  
 5B2), mRNA;  
  
  
 pt variant 1, mRNA; gi|212549737|ref|NM\_001137664.1| Homo sapiens anaphase promoting complex  
 VK2D), transcript variant 3, mRNA; gi|212549752|ref|NM\_172114.1| Homo sapiens calcium/calmoduli  
 ;  
 ant 1, mRNA; gi|212549781|ref|NM\_001137667.1| Homo sapiens caspase 8 associated protein 2 (CASP

associated factor, 28kDa (TAF11), mRNA;

ng RNA;

, transcript variant 1, mRNA; gi|89363027|ref|NM\_194252.2| Homo sapiens tubulin tyrosine ligase-like  
12720874|ref|NM\_004183.3| Homo sapiens bestrophin 1 (BEST1), transcript variant 1, mRNA;

ng RNA;

mRNA;

.47|ref|NM\_001139456.1| Homo sapiens SVOP-like (SVOPL), transcript variant 1, mRNA;

variant 2, mRNA; gi|213021159|ref|NM\_152609.2| Homo sapiens consorin, connexin sorting protein (C

ng RNA;

ng RNA;

ng RNA;

ng RNA;

ng RNA;

ant 2, mRNA; gi|213021184|ref|NM\_005647.3| Homo sapiens transducin (beta)-like 1X-linked (TBL1X),

;

3), mRNA;

), mRNA;

associated factor, 68kDa (TAF15), transcript variant 1, mRNA; gi|21327699|ref|NM\_003487.2| Homo sa

i434239|ref|NM\_001199859.1| Homo sapiens angiopoietin 1 (ANGPT1), transcript variant 2, mRNA;

ng RNA;

i-coding RNA;

l) (RASGRP3), transcript variant 2, mRNA; gi|213385269|ref|NM\_001139488.1| Homo sapiens RAS gua

AF3IP1), transcript variant 1, mRNA; gi|213385277|ref|NM\_001139490.1| Homo sapiens TNF receptor-

t variant 1, non-coding RNA; gi|213385284|ref|NR\_024462.1| Homo sapiens uncharacterized LOC1001  
ng RNA;

l, mRNA; gi|213385296|ref|NM\_134260.2| Homo sapiens RAR-related orphan receptor A (RORA), tran:  
on-coding RNA;

iscript variant 2, mRNA; gi|213385321|ref|NM\_016237.4| Homo sapiens anaphase promoting complex  
RNA; gi|213417609|ref|NM\_001139500.1| Homo sapiens fibroblast growth factor 13 (FGF13), transcri

ion-coding RNA;

ng RNA;

;

ranscript variant 1, mRNA; gi|341916204|ref|XM\_003403597.1| PREDICTED: Homo sapiens KIAA1949 (  
non-coding RNA;

;

;

ng RNA;

NA dependent activator (PRKRA), transcript variant 3, mRNA; gi|213417910|ref|NM\_001139517.1| Hor  
r-coding RNA;

ng RNA;

1), non-coding RNA;

oding RNA;

r-coding RNA;

;

ogene 3 (UBE2Q2P3), non-coding RNA;

1), transcript variant 1, mRNA; gi|213418077|ref|NM\_173344.2| Homo sapiens ST3 beta-galactoside al

;

ng RNA;

;

;

t variant 2, non-coding RNA; gi|213511921|ref|NR\_024476.1| Homo sapiens uncharacterized LOC1001  
ng RNA;

;

ng RNA;

05A), mRNA;

non-coding RNA;

, non-coding RNA;

:ranscript variant 1, non-coding RNA; gi|213512645|ref|NR\_024482.1| Homo sapiens CECR5 antisense l

;

t variant 1, non-coding RNA; gi|213512796|ref|NR\_024486.1| Homo sapiens uncharacterized LOC1001

pt variant 1, mRNA; gi|343887346|ref|NM\_001243646.1| Homo sapiens CD2 (cytoplasmic tail) binding

ng RNA;

ng RNA;

on-coding RNA;

.NA;

RNA;

east) (TIMM9), nuclear gene encoding mitochondrial protein, mRNA;  
P3), mRNA;

nRNA;

antitrypsin), member 4 (SERPINA4), mRNA;

F8), mRNA;

), mRNA;

member 6) (MPP6), mRNA;

variant 1, mRNA; gi|63999575|ref|NM\_016609.3| Homo sapiens solute carrier family 22, member 17 (S

5A7), mRNA;

mRNA;

8345|ref|NM\_001141919.1| Homo sapiens Xg blood group (XG), transcript variant 2, mRNA; gi|213688  
(LOC100129534), non-coding RNA;

n-coding RNA;

variant 2, mRNA; gi|213688374|ref|NM\_001141945.1| Homo sapiens actin, alpha 2, smooth muscle, aor  
ig RNA;

;

;

;

anscript variant 1, non-coding RNA; gi|213688403|ref|NR\_024502.1| Homo sapiens FMR1 antisense RN  
2646813), non-coding RNA;

variant 2, mRNA; gi|213385275|ref|NR\_024460.1| Homo sapiens coiled-coil domain containing 66 (CCD  
iant TTL-T, non-coding RNA; gi|213688419|ref|NR\_024506.1| Homo sapiens twelve-thirteen translocat  
ie) pseudogene 1 (RRN3P1), non-coding RNA;

A;



g (LRGUK), mRNA;

;

ling mitochondrial protein, mRNA;

iant a, mRNA; gi|21396492|ref|NM\_001587.3| Homo sapiens oculocerebrorenal syndrome of Lowe (O

;

; gi|213972563|ref|NR\_024510.1| Homo sapiens uncharacterized LOC728855 (LOC728855), non-coding

: variant 2, mRNA; gi|213972567|ref|NM\_001139515.1| Homo sapiens dachshund homolog 2 (Drosoph

in homolog 2 (TPTE2), transcript variant 3, mRNA; gi|213972592|ref|NM\_001141968.1| Homo sapiens

213972609|ref|NM\_002230.2| Homo sapiens junction plakoglobin (JUP), transcript variant 1, mRNA;

A; gi|213972614|ref|NM\_001141972.1| Homo sapiens ATP binding domain 4 (ATPBD4), transcript vari

gi|213972620|ref|NM\_001141974.1| Homo sapiens ATPase type 13A2 (ATP13A2), transcript variant 3,

;

;

ript variant 1, mRNA; gi|213972633|ref|NM\_001141979.1| Homo sapiens tumor protein p53 binding p

IA;

3 RNA;

4L4), mRNA;

), transcript variant 1, mRNA; gi|40548396|ref|NM\_199204.1| Homo sapiens dehydrogenase/reductase

ranscript variant 1, mRNA; gi|214010164|ref|NM\_001142272.1| Homo sapiens RAB11 family interactin

cript variant 2, mRNA; gi|333440470|ref|NM\_001207051.1| Homo sapiens cytoplasmic linker associate

nsript variant 3, mRNA; gi|214010180|ref|NM\_001142276.1| Homo sapiens amyloid beta (A4) precu

;

10210|ref|NM\_001655.4| Homo sapiens archain 1 (ARCN1), transcript variant 1, mRNA;

nsript variant 1, mRNA; gi|214010214|ref|NM\_024624.5| Homo sapiens structural maintenance of ch

re domain (TM) and short cytoplasmic domain, (semaphorin) 4D (SEMA4D), transcript variant 1, mRNA;

NA; gi|214010221|ref|NM\_001142283.1| Homo sapiens ribosomal protein S24 (RPS24), transcript vari

gi|214010227|ref|NM\_006067.4| Homo sapiens COX4 neighbor (COX4NB), transcript variant 1, mRNA;

4 (CLIP4), mRNA;

NA;

3, non-coding RNA; gi|214010244|ref|NR\_024520.1| Homo sapiens lectin, mannose-binding 2-like (LM

RS1), transcript variant 1, mRNA; gi|214010249|ref|NM\_138452.2| Homo sapiens dehydrogenase/redu

udogene (LOC401010), non-coding RNA;



it 2, mRNA; gi|21536420|ref|NM\_139317.1| Homo sapiens baculoviral IAP repeat containing 7 (BIRC7), mRNA;  
WBP4), mRNA;  
IT3), mRNA;

IA;  
, mRNA;

evisiae) (HIRA), mRNA;  
nma (NAPG), mRNA;

with homocystinuria (MMADHC), nuclear gene encoding mitochondrial protein, mRNA;  
27|ref|NM\_133337.2| Homo sapiens myoferlin (MYOF), transcript variant 2, mRNA;  
itamyl hydrolase) (GGH), mRNA;  
.), non-coding RNA;

G7), transcript variant 1, non-coding RNA; gi|215422347|ref|NR\_024542.1| Homo sapiens small nucleol  
4), transcript variant 2, mRNA; gi|215422352|ref|NM\_004650.2| Homo sapiens patatin-like phospholip  
, mRNA;  
215422363|ref|NR\_024546.1| Homo sapiens thioredoxin-like 1 (TXNL1), transcript variant 2, non-coding

r family), member 3 (SLC10A3), transcript variant 3, mRNA; gi|215422364|ref|NM\_019848.3| Homo sa  
gulated 9 (NEDD9), transcript variant 2, mRNA; gi|215422374|ref|NM\_001142393.1| Homo sapiens ne

transcript variant 2, mRNA; gi|291219877|ref|NM\_001173489.1| Homo sapiens proline rich Gla (G-carbo  
1|ref|NM\_004802.3| Homo sapiens otoferlin (OTOF), transcript variant 2, mRNA; gi|215422389|ref|NM  
riant 1, mRNA; gi|359843218|ref|NM\_001254717.1| Homo sapiens death-domain associated protein (l  
mRNA;  
member 4 (SLC5A4), mRNA;  
RNA;  
anscript variant 1, mRNA; gi|215422400|ref|NM\_001142397.1| Homo sapiens CBP80/20-dependent tr

01), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|215422410|ref|NM\_00  
CRISPLD2), mRNA;  
t 4, mRNA; gi|215422422|ref|NM\_001142402.1| Homo sapiens CD164 molecule, sialomucin (CD164), t  
non-coding RNA; gi|215422431|ref|NM\_003876.2| Homo sapiens transmembrane protein 11 (TMEM1

ila) (ROBO4), mRNA;  
unctional protein 1 (AIMP1), transcript variant 2, mRNA; gi|215490010|ref|NM\_001142416.1| Homo s  
iae) (CMC2), nuclear gene encoding mitochondrial protein, mRNA;

5, mRNA; gi|215490034|ref|NM\_001142425.1| Homo sapiens mortality factor 4 like 2 (MORF4L2), tran  
E5), transcript variant 2, mRNA; gi|215490054|ref|NM\_012215.3| Homo sapiens meningioma express  
riant 5, mRNA; gi|215422429|ref|NM\_001142407.1| Homo sapiens cysteine-rich secretory protein 2 (l

variant 4, mRNA; gi|215490095|ref|NM\_001142448.1| Homo sapiens spinster homolog 1 (Drosophila) (SLM

non-coding RNA; gi|214830731|ref|NM\_153704.5| Homo sapiens transmembrane protein 67 (TMEM6

cript variant B, mRNA; gi|215490111|ref|NM\_004379.3| Homo sapiens cAMP responsive element bind

variant 1, mRNA; gi|215490112|ref|NM\_006553.3| Homo sapiens slowmo homolog 1 (Drosophila) (SLM

C8), mRNA;

ICE2), mRNA;

cript variant 2, mRNA; gi|215490131|ref|NM\_001001938.3| Homo sapiens chromosome 9 open readir

RNA;

) (EDC3), transcript variant 2, mRNA; gi|215598544|ref|NM\_001142443.1| Homo sapiens enhancer of i

mRNA;

.C17A4), mRNA;

anscript variant 2, mRNA; gi|215598805|ref|NM\_080871.3| Homo sapiens ankyrin repeat and SOCS bo

gi|215598573|ref|NM\_001142446.1| Homo sapiens ankyrin 1, erythrocytic (ANK1), transcript variant !

anscript variant 5, non-coding RNA; gi|215598846|ref|NR\_024549.1| Homo sapiens cyclin D binding my

nt 2, mRNA; gi|215598939|ref|NM\_001142462.1| Homo sapiens odd-skipped related 2 (Drosophila) (C

ariant 2, mRNA; gi|215598984|ref|NM\_001363.3| Homo sapiens dyskeratosis congenita 1, dyskerin (DK

RNA;

variant 2, mRNA;

!) 2 (GPT2), transcript variant 1, mRNA; gi|215599423|ref|NM\_001142466.1| Homo sapiens glutamic p

A; gi|215599467|ref|NM\_019117.4| Homo sapiens kelch-like 4 (Drosophila) (KLHL4), transcript variant

t variant 2, mRNA; gi|216548626|ref|NM\_001142467.1| Homo sapiens hairy and enhancer of split 4 (C

ript variant 1, mRNA; gi|215599561|ref|NM\_001142469.1| Homo sapiens chromosome 16 open readir

nsript variant 3, mRNA; gi|215599507|ref|NM\_001142468.1| Homo sapiens chromosome 6 open rea

ant 2, mRNA; gi|215599578|ref|NM\_020395.3| Homo sapiens integrator complex subunit 12 (INTS12),

UREP), transcript variant 3, mRNA; gi|215599689|ref|NM\_001142479.1| Homo sapiens neuronal regener

;

visiae) (NDC80), mRNA;

t 1, mRNA; gi|215820621|ref|NM\_001142497.1| Homo sapiens mixed lineage kinase domain-like (MLK

NA13), mRNA;

nt 3, mRNA; gi|215820625|ref|NM\_001142499.1| Homo sapiens FLYWCH family member 2 (FLYWCH2)

RNA; gi|215820631|ref|NM\_001142501.1| Homo sapiens MON1 homolog A (yeast) (MON1A), transcri

1R13L), transcript variant 1, mRNA; gi|215820633|ref|NM\_006663.3| Homo sapiens protein phosphat

T140), mRNA;

3), mRNA;

;



transcript variant 2, mRNA; gi|216548273|ref|NM\_024415.2| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box p  
RNA; gi|216548377|ref|NM\_001142550.1| Homo sapiens WD repeat domain 47 (WDR47), transcript v  
A; gi|216548384|ref|NM\_001142552.1| Homo sapiens dachsous 2 (Drosophila) (DCHS2), transcript va  
RNA;

RRNAD1), transcript variant 1, mRNA; gi|216548563|ref|NM\_001142560.1| Homo sapiens ribosomal R

(UCMA), mRNA;

riant 2, mRNA; gi|217035079|ref|NM\_020421.3| Homo sapiens aarF domain containing kinase 1 (ADCI  
RMT1), transcript variant 1, mRNA; gi|217035084|ref|NM\_001136035.2| Homo sapiens TRM1 tRNA m  
on-coding RNA;

cript variant 1, mRNA; gi|217035091|ref|NM\_000087.3| Homo sapiens cyclic nucleotide gated channel

t variant 2, non-coding RNA; gi|217035099|ref|NR\_024561.1| Homo sapiens uncharacterized LOC1001  
) , mRNA;

CPSF7), transcript variant 3, mRNA; gi|217035103|ref|NM\_001136040.2| Homo sapiens cleavage and |  
ng RNA;

ng RNA;

!, mRNA; gi|217035120|ref|NM\_001142568.1| Homo sapiens bobby sox homolog (Drosophila) (BBX), ti  
oding RNA; gi|217035128|ref|NR\_024566.1| Homo sapiens zinc finger protein 271 (ZNF271), transcript  
A; gi|217035139|ref|NM\_001142572.1| Homo sapiens zinc finger protein 669 (ZNF669), transcript vari

}, mRNA; gi|217035155|ref|NM\_001142577.1| Homo sapiens zinc finger protein 780A (ZNF780A), tran:

gi|59814750|ref|NM\_197957.2| Homo sapiens MYC associated factor X (MAX), transcript variant 6, ml  
ef|NM\_145159.1| Homo sapiens jagged 2 (JAG2), transcript variant 2, mRNA;

MR), transcript variant 4, mRNA; gi|217416393|ref|NM\_012484.2| Homo sapiens hyaluronan-mediate  
it variant 5, mRNA; gi|217272832|ref|NM\_001142589.1| Homo sapiens nuclear transcription factor Y, |  
ng RNA;

ant 1, mRNA; gi|217272845|ref|NM\_001142594.1| Homo sapiens inositol-tetrakisphosphate 1-kinase (  
script variant 4, mRNA; gi|217272847|ref|NM\_001017962.2| Homo sapiens prolyl 4-hydroxylase, alph:  
omolog (*S. cerevisiae*) (CLP1), transcript variant 2, mRNA; gi|217272857|ref|NM\_006831.2| Homo sapie  
script variant 4, mRNA; gi|63252890|ref|NM\_001017973.1| Homo sapiens prolyl 4-hydroxylase, alpha

variant 2, mRNA; gi|217272868|ref|NM\_052934.3| Homo sapiens solute carrier family 26, member 9 (SLC26A9), transcript variant 2, non-coding RNA;

024568.1| Homo sapiens F-box protein 31 (FBXO31), transcript variant 2, non-coding RNA;

1A; gi|217272879|ref|NM\_182965.2| Homo sapiens sphingosine kinase 1 (SPHK1), transcript variant 2, non-coding RNA;

variant 2, mRNA; gi|217272888|ref|NM\_000310.3| Homo sapiens palmitoyl-protein thioesterase 1 (PPT1), transcript variant 1, mRNA; gi|217272893|ref|NM\_001142605.1| Homo sapiens elongation factor 2, mRNA; gi|217330556|ref|NM\_014683.3| Homo sapiens unc-51-like kinase 2 (C. elegans) (ULK2), transcript variant 2, non-coding RNA;

TRA6), transcript variant 5, mRNA; gi|217330579|ref|NM\_001142617.1| Homo sapiens stimulated by retinoid protein 1 (TGFBRAP1), transcript variant 2, mRNA; gi|217330587|ref|NM\_004257.4| Homo sapiens transcription factor 12A, transcript variant 1, mRNA; gi|217330595|ref|NM\_001142623.1| Homo sapiens GH3 domain containing (GHDC), transcript variant 1, non-coding RNA;

1A; gi|217330599|ref|NM\_001005176.2| Homo sapiens SP140 nuclear body protein (SP140), transcript variant 1, mRNA; gi|217330612|ref|NM\_152685.3| Homo sapiens solute carrier family 22, member 1 (SLC22A1), transcript variant 1, mRNA; gi|217330619|ref|NR\_024576.1| Homo sapiens Sec61 alpha 2 subunit (S. cerevisiae) (SEC61A2), transcript variant 1, non-coding RNA;

al protein, transcript variant 1, mRNA; gi|217330657|ref|NM\_001142603.1| Homo sapiens KIAA0141 (KIAA0141), transcript variant D, mRNA; gi|21735560|ref|NM\_003188.2| Homo sapiens mitogen-activated protein kinase 1, transcript variant 1, mRNA; gi|21735579|ref|NM\_145320.1| Homo sapiens oxysterol binding protein-like 3 (OSBPL3), transcript variant 1, mRNA; gi|217416375|ref|NM\_001142634.1| Homo sapiens speedy homolog A (Xenopus laevis) (SPEEDY), transcript variant 1, mRNA; gi|217416330|ref|NM\_018996.3| Homo sapiens trinucleotide repeat containing 6C (TTC11A), transcript variant 1, mRNA; gi|217416333|ref|NM\_018324.2| Homo sapiens oleoyl-ACP hydrolase (OLAH), transcript variant 1, mRNA; gi|217416362|ref|NM\_003403652.1| PREDICTED: Homo sapiens fibrosin-like 1 (FBRSL1), mRNA; gi|217416363|ref|NM\_001142644.1| Homo sapiens SPHK1 interactor, AKAP domain containing 1 (AKAP1), transcript variant 3, mRNA; gi|217416357|ref|NM\_016372.2| Homo sapiens transmembrane protein 1, transcript variant 1, mRNA; gi|217416368|ref|NM\_001142648.1| Homo sapiens SAR1 homolog A (S. cerevisiae) (SAR1A), transcript variant 1, mRNA; gi|217416378|ref|NM\_001142650.1| Homo sapiens heterogeneous nuclear ribonucleoprotein A, transcript variant 2, non-coding RNA; gi|217416382|ref|NM\_024701.3| Homo sapiens ankyrin repeat and SOX domain containing 1, transcript variant 1, non-coding RNA;

3, mRNA; gi|21735579|ref|NM\_145320.1| Homo sapiens oxysterol binding protein-like 3 (OSBPL3), transcript variant 1, mRNA; gi|217416375|ref|NM\_001142634.1| Homo sapiens speedy homolog A (Xenopus laevis) (SPEEDY), transcript variant 1, mRNA; gi|217416330|ref|NM\_018996.3| Homo sapiens trinucleotide repeat containing 6C (TTC11A), transcript variant 1, mRNA; gi|217416333|ref|NM\_018324.2| Homo sapiens oleoyl-ACP hydrolase (OLAH), transcript variant 1, mRNA; gi|217416362|ref|NM\_003403652.1| PREDICTED: Homo sapiens fibrosin-like 1 (FBRSL1), mRNA; gi|217416363|ref|NM\_001142644.1| Homo sapiens SPHK1 interactor, AKAP domain containing 1 (AKAP1), transcript variant 3, mRNA; gi|217416357|ref|NM\_016372.2| Homo sapiens transmembrane protein 1, transcript variant 1, mRNA; gi|217416368|ref|NM\_001142648.1| Homo sapiens SAR1 homolog A (S. cerevisiae) (SAR1A), transcript variant 1, mRNA; gi|217416378|ref|NM\_001142650.1| Homo sapiens heterogeneous nuclear ribonucleoprotein A, transcript variant 2, non-coding RNA; gi|217416382|ref|NM\_024701.3| Homo sapiens ankyrin repeat and SOX domain containing 1, transcript variant 1, non-coding RNA;

variant 1, mRNA; gi|217416375|ref|NM\_001142634.1| Homo sapiens speedy homolog A (Xenopus laevis) (SPEEDY), transcript variant 1, mRNA; gi|217416330|ref|NM\_018996.3| Homo sapiens trinucleotide repeat containing 6C (TTC11A), transcript variant 1, mRNA; gi|217416333|ref|NM\_018324.2| Homo sapiens oleoyl-ACP hydrolase (OLAH), transcript variant 1, mRNA; gi|217416362|ref|NM\_003403652.1| PREDICTED: Homo sapiens fibrosin-like 1 (FBRSL1), mRNA; gi|217416363|ref|NM\_001142644.1| Homo sapiens SPHK1 interactor, AKAP domain containing 1 (AKAP1), transcript variant 3, mRNA; gi|217416357|ref|NM\_016372.2| Homo sapiens transmembrane protein 1, transcript variant 1, mRNA; gi|217416368|ref|NM\_001142648.1| Homo sapiens SAR1 homolog A (S. cerevisiae) (SAR1A), transcript variant 1, mRNA; gi|217416378|ref|NM\_001142650.1| Homo sapiens heterogeneous nuclear ribonucleoprotein A, transcript variant 2, non-coding RNA; gi|217416382|ref|NM\_024701.3| Homo sapiens ankyrin repeat and SOX domain containing 1, transcript variant 1, non-coding RNA;

variant 1, mRNA; gi|217416375|ref|NM\_001142634.1| Homo sapiens speedy homolog A (Xenopus laevis) (SPEEDY), transcript variant 1, mRNA; gi|217416330|ref|NM\_018996.3| Homo sapiens trinucleotide repeat containing 6C (TTC11A), transcript variant 1, mRNA; gi|217416333|ref|NM\_018324.2| Homo sapiens oleoyl-ACP hydrolase (OLAH), transcript variant 1, mRNA; gi|217416362|ref|NM\_003403652.1| PREDICTED: Homo sapiens fibrosin-like 1 (FBRSL1), mRNA; gi|217416363|ref|NM\_001142644.1| Homo sapiens SPHK1 interactor, AKAP domain containing 1 (AKAP1), transcript variant 3, mRNA; gi|217416357|ref|NM\_016372.2| Homo sapiens transmembrane protein 1, transcript variant 1, mRNA; gi|217416368|ref|NM\_001142648.1| Homo sapiens SAR1 homolog A (S. cerevisiae) (SAR1A), transcript variant 1, mRNA; gi|217416378|ref|NM\_001142650.1| Homo sapiens heterogeneous nuclear ribonucleoprotein A, transcript variant 2, non-coding RNA; gi|217416382|ref|NM\_024701.3| Homo sapiens ankyrin repeat and SOX domain containing 1, transcript variant 1, non-coding RNA;

AKAP1), transcript variant 3, mRNA; gi|217416357|ref|NM\_016372.2| Homo sapiens transmembrane protein 1, transcript variant 1, mRNA; gi|217416368|ref|NM\_001142648.1| Homo sapiens SAR1 homolog A (S. cerevisiae) (SAR1A), transcript variant 1, mRNA; gi|217416378|ref|NM\_001142650.1| Homo sapiens heterogeneous nuclear ribonucleoprotein A, transcript variant 2, non-coding RNA; gi|217416382|ref|NM\_024701.3| Homo sapiens ankyrin repeat and SOX domain containing 1, transcript variant 1, non-coding RNA;

, mRNA;

2, mRNA; gi|217416368|ref|NM\_001142648.1| Homo sapiens SAR1 homolog A (S. cerevisiae) (SAR1A), transcript variant 1, mRNA; gi|217416378|ref|NM\_001142650.1| Homo sapiens heterogeneous nuclear ribonucleoprotein A, transcript variant 2, non-coding RNA; gi|217416382|ref|NM\_024701.3| Homo sapiens ankyrin repeat and SOX domain containing 1, transcript variant 1, non-coding RNA;

transcript variant 1, mRNA; gi|217416378|ref|NM\_001142650.1| Homo sapiens heterogeneous nuclear ribonucleoprotein A, transcript variant 2, non-coding RNA; gi|217416382|ref|NM\_024701.3| Homo sapiens ankyrin repeat and SOX domain containing 1, transcript variant 1, non-coding RNA;

variant 2, non-coding RNA; gi|217416382|ref|NM\_024701.3| Homo sapiens ankyrin repeat and SOX domain containing 1, transcript variant 1, non-coding RNA;



TH4 domain) member 2 (PLEKHH2), mRNA;  
non-coding RNA;  
non-coding RNA;  
transcript variant 1, mRNA; gi|217416404|ref|NM\_001142653.1| Homo sapiens alanyl-tRNA synthetase

transcript variant 4, mRNA; gi|319996624|ref|NR\_037711.1| Homo sapiens RAD51 homolog D (S. cerevisiae) (RAD51

transcript variant 1, mRNA; gi|8081573|ref|NM\_213599.2| Homo sapiens anoctamin 5 (ANO5), transcript variant 1, mRNA;  
transcript variant 1, non-coding RNA; gi|NM121L8P), non-coding RNA;

; non-coding RNA;  
transcript variant 1, mRNA; gi|8081573|ref|NM\_213599.2| Homo sapiens anoctamin 5 (ANO5), transcript variant 1, mRNA;  
transcript variant 1, non-coding RNA; gi|NM121L8P), non-coding RNA;  
transcript variant 1, mRNA; gi|218083214|ref|NM\_001142675.1| Homo sapiens chitinase domain containing 1 (CHID1), transcript variant 1, mRNA; gi|218083691|ref|NM\_001039649.2| Homo sapiens zinc finger, MYM-type 5 (ZMYM5), transcript variant 1, non-coding RNA; gi|NM121L1P), non-coding RNA;  
transcript variant 1, mRNA; gi|218083782|ref|NM\_014715.3| Homo sapiens Rho GTPase activating protein 32 (RHOGEF32), transcript variant 1, non-coding RNA; gi|NM121L4P), non-coding RNA;  
transcript variant 1, non-coding RNA; gi|NM121L10P), non-coding RNA;  
transcript variant 1, mRNA; gi|218083997|ref|NM\_021094.3| Homo sapiens solute carrier family 12 (SLCO1A2), transcript variant 1, mRNA;

transcript variant 4, mRNA; gi|218156337|ref|NM\_001142699.1| Homo sapiens discs, large homolog 2 (Drosophila) (DLG2), transcript variant 3, mRNA; gi|218156271|ref|NM\_198947.3| Homo sapiens family with sequence

transcript variant 1, non-coding RNA; gi|NM121L1P), non-coding RNA;  
transcript variant 1, mRNA; gi|8156302|ref|NM\_001142678.1| Homo sapiens anoctamin 6 (ANO6), transcript variant 2, mRNA; gi|218156337|ref|NM\_001142699.1| Homo sapiens discs, large homolog 2 (Drosophila) (DLG2), transcript variant 3, mRNA; gi|218156271|ref|NM\_198947.3| Homo sapiens family with sequence  
transcript variant 1, non-coding RNA; gi|NM121L1P), non-coding RNA;  
transcript variant 1, mRNA; gi|288683406|ref|NM\_001172285.1| Homo sapiens glycine receptor, alpha 4 (GLRA4), transcript variant 4), transcript variant 2, non-coding RNA; gi|218563689|ref|NM\_005050.3| Homo sapiens ATP-binding cassette

transcript variant 2, mRNA; gi|218505679|ref|NM\_001142725.1| Homo sapiens ERI1 exoribonuclease family member 1, transcript variant 2, mRNA; gi|282165715|ref|NM\_001170633.1| Homo sapiens chromosome 12 open reading frame 1, transcript variant 1, mRNA; gi|218505718|ref|NR\_024596.1| Homo sapiens chromosome 11 open reading frame 1, non-coding RNA; gi|NM121L1P), non-coding RNA;

transcript variant 2, mRNA; gi|267844886|ref|NM\_001142733.2| Homo sapiens ankyrin repeat and SOCS box domain containing 1, transcript variant 2, mRNA; gi|218505774|ref|NM\_001142763.1| Homo sapiens protocadherin-related 15 (PCDH15), transcript variant 1, mRNA;  
transcript variant 1, non-coding RNA; gi|NM121L1P), non-coding RNA;

transcript variant 5, non-coding RNA; gi|218505810|ref|NM\_019887.4| Homo sapiens diablo, IAP-binding motif containing 1, transcript variant 2, mRNA; gi|218505832|ref|NM\_001142762.1| Homo sapiens chromosome 15 open reading frame 1, domain containing 3 (MAGI3), transcript variant 1, mRNA; gi|155969694|ref|NM\_152900.2| Homo sapiens

transcript variant 3, mRNA; gi|218563683|ref|NM\_001142777.1| Homo sapiens hydroxysteroid delta-isomerase 7 (HSD3B7), transcript variant 3, mRNA; gi|218563683|ref|NM\_001142777.1| Homo sapiens hydroxysteroid delta-isomerase 7 (HSD3B7), transcript variant 3, mRNA; gi|218563697|ref|NM\_024111.3| Homo sapiens ChaC, cation transmembrane

1E2), mRNA;  
transcript variant 2, mRNA; gi|218563733|ref|NM\_015375.2| Homo sapiens dual serine/threonine an  
ACAP3), mRNA;

ine), member 8 (SLC6A8), transcript variant 1, mRNA; gi|218563757|ref|NM\_001142806.1| Homo sapi  
t variant 2, non-coding RNA; gi|218749807|ref|NM\_004870.3| Homo sapiens mannose-P-dolichol utiliz  
oding RNA;  
ript variant 2, mRNA; gi|218749819|ref|NM\_001142854.1| Homo sapiens chromosome 21 open readir  
;  
ng RNA;

.OC442459), non-coding RNA;

ACAP1), mRNA;  
cript variant 2, mRNA; gi|218751872|ref|NM\_018645.4| Homo sapiens hairy and enhancer of split 6 (C  
variant 2, mRNA; gi|218751875|ref|NM\_024593.3| Homo sapiens EF-hand calcium binding domain 1 (C  
), mRNA;  
A;

ipt variant 3, non-coding RNA; gi|218777823|ref|NM\_005340.5| Homo sapiens histidine triad nucleotic  
nt 1, mRNA; gi|218777829|ref|NM\_001142883.1| Homo sapiens inositol hexakisphosphate kinase 3 (II  
gi|218777839|ref|NM\_001142886.1| Homo sapiens epoxide hydrolase 3 (EPHX3), transcript variant 2, r  
mRNA; gi|218777842|ref|NM\_199296.2| Homo sapiens isthmin 2 homolog (zebrafish) (ISM2), transcrip  
A5), transcript variant 2, mRNA; gi|218777846|ref|NM\_018672.3| Homo sapiens ATP-binding cassette  
18777827|ref|NR\_024612.1| Homo sapiens ataxin 1-like (ATXN1L), transcript variant 2, non-coding RN  
mRNA; gi|218931147|ref|NM\_001142885.1| Homo sapiens tropomodulin 2 (neuronal) (TMOD2), trans  
ig RNA;  
ng RNA;  
ARRES2), mRNA;  
nt 2, mRNA; gi|218931216|ref|NM\_001142928.1| Homo sapiens leucine rich repeat containing 61 (LRF  
ng RNA;

, mRNA; gi|218931250|ref|NM\_139179.3| Homo sapiens diacylglycerol lipase, beta (DAGLB), transcrip  
nscript variant 1, mRNA; gi|219879826|ref|NR\_024621.1| Homo sapiens chromosome 11 open readin

ipt variant 2, non-coding RNA; gi|219277614|ref|NR\_024622.1| Homo sapiens chromosome 21 open r  
se (C. elegans) (SMG1), mRNA;  
on-coding RNA;  
.DN), non-coding RNA;  
coding RNA;  
gi|219281826|ref|NM\_152676.2| Homo sapiens F-box protein 15 (FBXO15), transcript variant 1, mRN  
iC2752), non-coding RNA;  
t 1, mRNA; gi|219281886|ref|NM\_001142961.1| Homo sapiens lysophosphatidic acid receptor 5 (LPAR

RNA;  
REB1L), mRNA;  
; gi|219277647|ref|NR\_024625.1| Homo sapiens apoptosis inhibitor 5 (API5), transcript variant 4, non-coding RNA; gi|219283189|ref|NM\_001142935.1| Homo sapiens MAX dimerization protein 3 (MXD3), transcript variant 1A;  
nt 1, mRNA; gi|219521825|ref|NM\_001143667.1| Homo sapiens zinc finger, BED-type containing 5 (ZBED5), transcript variant 1, mRNA; gi|219521829|ref|NM\_181847.4| Homo sapiens adhesion molecule with Ig-like domain 1 (ADAM1), transcript variant 1, non-coding RNA; gi|219521840|ref|NR\_026543.1| Homo sapiens chromosome 21 open reading frame 1 (CH21ORF1), transcript variant 1, non-coding RNA; gi|219521854|ref|NM\_080868.2| Homo sapiens ankyrin repeat and SOX domain containing 1 (ANKRD1), transcript variant 2, non-coding RNA; gi|219521863|ref|NR\_026547.1| Homo sapiens chromosome 21 open reading frame 2 (CH21ORF2), transcript variant 2, mRNA; gi|219521879|ref|NM\_001143678.1| Homo sapiens serum/glucocorticoid inducible protein 1 (SGIP1), transcript variant 2, mRNA; gi|219521890|ref|NR\_026553.1| Homo sapiens long intergenic non-protein coding RNA 1 (LINC00101), transcript variant 2, mRNA; gi|219521891|ref|NM\_020898.2| Homo sapiens calcium binding and coiled-coil domain containing 1 (CACC1), transcript variant 2, non-coding RNA;  
A; gi|219521905|ref|NM\_145024.2| Homo sapiens carboxylesterase 5A (CES5A), transcript variant 2, non-coding RNA;

), transcript variant 3, mRNA; gi|262359941|ref|NM\_001166698.1| Homo sapiens family with sequence homology to RKL (FRL), mRNA;  
HYHIPL), transcript variant 2, mRNA; gi|219555644|ref|NM\_032439.3| Homo sapiens phytanoyl-CoA oxidase 2 (PHYH2), transcript variant 2, mRNA; gi|219555647|ref|NM\_015343.4| Homo sapiens CTD nuclear envelope phosphatase 1 (IFT81), transcript variant 3, mRNA; gi|219555658|ref|NM\_014055.3| Homo sapiens intraflagellar transport protein 1 (IFT1), transcript variant 2, mRNA; gi|219555664|ref|NM\_001143780.1| Homo sapiens solute carrier family 25, member 1 (SLC25A1), transcript variant 1, non-coding RNA;

on-coding RNA;

transcript variant 2, mRNA; gi|219521927|ref|NM\_001143688.1| Homo sapiens DIS3 mitotic control protein 1 (DIS3), mRNA;

NA;

nt 5, non-coding RNA; gi|219555699|ref|NM\_001143757.1| Homo sapiens leucine rich repeat containing protein 1 (LRP1), transcript variant D, mRNA; gi|219555709|ref|NM\_001143761.1| Homo sapiens eukaryotic translation initiation factor 1 (E1), transcript variant 4, mRNA; gi|219555714|ref|NM\_130784.2| Homo sapiens synaptonemal complex protein 1 (SYN1), transcript variant 1, non-coding RNA; gi|219555726|ref|NM\_001143767.1| Homo sapiens zinc finger protein 438 (ZNF438), transcript variant 1, non-coding RNA;

transcript variant 1, mRNA; gi|379991134|ref|NR\_046431.1| Homo sapiens CTS telomere maintenance protein 1 (CTST), transcript variant 1, non-coding RNA;

36A), mRNA;

1, mRNA; gi|219689095|ref|NM\_178500.3| Homo sapiens phosphatase, orphan 1 (PHOSPHO1), transcript variant 1, non-coding RNA;



t 2, mRNA; gi|219842310|ref|NM\_201281.2| Homo sapiens myotubularin related protein 2 (MTMR2),  
ie encoding mitochondrial protein, transcript variant 4, mRNA; gi|219842332|ref|NM\_001143680.1| Hi  
id-specific (FUT4), mRNA;  
; gi|219842339|ref|NM\_001143830.1| Homo sapiens growth arrest-specific 2 (GAS2), transcript varian  
19842349|ref|NR\_026571.1| Homo sapiens NADPH oxidase 4 (NOX4), transcript variant 4, non-coding l

otif 17 (NUDT17), mRNA;  
ion-coding RNA;  
ranscript variant 1, mRNA; gi|219879804|ref|NM\_006700.2| Homo sapiens TRAF-type zinc finger doma

3), mRNA;

(POLR2L), mRNA;  
e (PTPRVP), non-coding RNA;

oding RNA;  
(HTR7P1), non-coding RNA;  
A), transcript variant 4, mRNA; gi|219881537|ref|NM\_001143913.1| Homo sapiens family with sequen  
SPEAR), mRNA;  
ember 3 (TRPV3), mRNA;  
IA;

ie (CMAS), mRNA;

AP1), mRNA;

NG6), transcript variant 3, mRNA; gi|22027556|ref|NM\_145815.1| Homo sapiens calcium channel, vol

, mRNA;

encoding mitochondrial protein, mRNA;

osophila) (TLE6), transcript variant 1, mRNA; gi|221136827|ref|NM\_024760.2| Homo sapiens transducin-like enhancer factor-1, transcript variant 2, mRNA; gi|221136843|ref|NM\_001143987.1| Homo sapiens neuroblastoma breakapart protein 1, transcript variant 1, mRNA; gi|221136865|ref|NM\_001143992.1| Homo sapiens WD repeat containing, antisense intron 1 (WDRIFAS1), transcript variant 1, mRNA; gi|221136878|ref|NM\_001144001.1| Homo sapiens RASSF family class B member 7 (RASSF7), transcript variant 3, mRNA; gi|221218992|ref|NM\_003475.3| Homo sapiens RABGAPB (RAP80), transcript variant 1, mRNA;

mRNA;

main 5 (AGAP5), mRNA;  
 n-coding RNA;  
 chain, asc system), member 10 (SLC7A10), mRNA;  
 mRNA;  
 iae) (PRPF31), mRNA;  
 , 9kDa (NDUFA3), mRNA;  
 erevisiae) (PRPF19), mRNA;  
  
 r-coding RNA;  
 r-coding RNA;  
 2 (LYSMD2), transcript variant 1, mRNA; gi|221139700|ref|NM\_001143917.1| Homo sapiens LysM, put  
  
 2 (PLEKHO2), transcript variant 1, mRNA; gi|303519090|ref|NM\_001195059.1| Homo sapiens pleckstri  
  
 coding RNA;  
 IN domain) member 2 (PLEKHM2), mRNA;  
 e) pseudogene 2 (MRS2P2), non-coding RNA;  
  
 ;  
 ng RNA;  
 ng RNA;  
 ;  
 R1), mRNA;  
  
 ;ene) (GLYCAM1), non-coding RNA;  
  
 I (SPCS3), mRNA;  
  
 ing RNA;  
  
 like 1 (MYBL1), transcript variant 1, mRNA; gi|221139772|ref|NM\_001144755.1| Homo sapiens v-myb  
 rRNA; gi|221139776|ref|NM\_001143938.1| Homo sapiens zinc finger protein 534 (ZNF534), transcript  
 , non-coding RNA;  
 t 1, mRNA; gi|221139783|ref|NM\_003020.3| Homo sapiens secretogranin V (7B2 protein) (SCG5), tran  
 ; RNA;  
 ; RNA;  
 ', mRNA; gi|221139801|ref|NM\_001143942.1| Homo sapiens RNA binding motif protein 24 (RBM24), t  
  
 L4E), mRNA;  
  
 ;  
  
 transporter) (SLC16A10), mRNA;  
 ling RNA;  
 riant 2, mRNA; gi|221219035|ref|NM\_018974.3| Homo sapiens unc-93 homolog A (C. elegans) (UNC93  
 a (GTF3C6), mRNA;

transcript variant 1, mRNA; gi|221139832|ref|NM\_032744.3| Homo sapiens androgen-dependent TFPI  
nt 4, mRNA; gi|221219033|ref|NM\_032780.3| Homo sapiens transmembrane protein 25 (TMEM25), tr

cript variant 2, mRNA; gi|221139891|ref|NM\_001143959.1| Homo sapiens chromosome 2 open readir  
IA;

-coding RNA;

oding RNA;

dase) 2 (ASAH2), transcript variant 1, mRNA; gi|221307474|ref|NM\_001143974.1| Homo sapiens N-acy  
coding) (FAM99A), non-coding RNA;

ant 1, mRNA; gi|221136808|ref|NM\_001144071.1| Homo sapiens lactate dehydrogenase A-like 6A (LD  
uclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|221218987|ref|NM\_00114  
;

RNA; gi|221139708|ref|NM\_015184.5| Homo sapiens phospholipase C-like 2 (PLCL2), transcript variant

eudogene (LOC727896), non-coding RNA;

RNA;

RNA;

l, non-coding RNA;

OR52L1), mRNA;

OR52N4), mRNA;

RNA; gi|221139814|ref|NM\_001143944.1| Homo sapiens LEM domain containing 2 (LEMD2), transcrip

2, non-coding RNA; gi|221219043|ref|NR\_026661.1| Homo sapiens uncharacterized LOC84983 (MGC1

n-coding RNA;

osophila) (TLE2), transcript variant 3, mRNA; gi|221219047|ref|NM\_001144761.1| Homo sapiens trans  
;

) (UGT2B10), transcript variant 2, mRNA; gi|221219057|ref|NM\_001075.4| Homo sapiens UDP glucuroi  
it 1, mRNA; gi|221139887|ref|NM\_001143958.1| Homo sapiens transmembrane protein 30A (TMEM30

mber A (ANP32A), mRNA;

; gi|221219072|ref|NM\_001080491.2| Homo sapiens USP6 N-terminal like (USP6NL), transcript variant  
g RNA;

in 3 (ASAP3), transcript variant 2, mRNA; gi|221218979|ref|NM\_017707.3| Homo sapiens ArfGAP with  
mRNA; gi|221307486|ref|NR\_026598.1| Homo sapiens neudesin neurotrophic factor (NENF), transcrip  
r (LGSN), transcript variant 2, mRNA; gi|221307484|ref|NM\_016571.2| Homo sapiens lengsin, lens prot  
dogene (OR7E156P), non-coding RNA;

; mRNA; gi|221307497|ref|NM\_003390.3| Homo sapiens WEE1 homolog (S. pombe) (WEE1), transcrip



, mRNA;

) (SNAP91), transcript variant 1, mRNA; gi|338753420|ref|NM\_001242793.1| Homo sapiens synaptosomal complex, transcript variant 1, mRNA; gi|221307565|ref|NM\_005848.3| Homo sapiens DENN/MADD domain containing 1, mRNA; gi|221307569|ref|NM\_006630.2| Homo sapiens zinc finger protein 234 (ZNF234), transcript variant 1, mRNA; gi|221307577|ref|NM\_001144825.1| Homo sapiens RUN domain containing 3A (RUNDC3A), transcript variant 1, mRNA; gi|221307586|ref|NM\_001080494.2| Homo sapiens tetratricopeptide repeat domain 1, mRNA;

non-coding RNA;

3' RNA;

transcript variant 1, mRNA; gi|221307586|ref|NM\_001080494.2| Homo sapiens tetratricopeptide repeat domain 1, mRNA;

non-coding RNA;

3' RNA;

transcript variant 1, mRNA; gi|221316555|ref|NM\_001144070.1| Homo sapiens ATP-binding cassette, subfamily C, member 3, mRNA; gi|242247668|ref|NM\_032962.4| Homo sapiens chemokine (C-C motif) ligand 14 (CCL14), transcript variant 1, mRNA; gi|221316560|ref|NM\_001143981.1| Homo sapiens chordin-like 1 (CHRD1), transcript variant 1, mRNA; gi|221316565|ref|NM\_012124.2| Homo sapiens cysteine aryl sulfonamide hydrolase 1 (CHORDC1), transcript variant 2, mRNA; gi|221316571|ref|NM\_003860.3| Homo sapiens barrier to autointegration factor 1 (BRAF), transcript variant 1, mRNA; gi|221316612|ref|NR\_026665.1| Homo sapiens CD58 molecule (CD58), transcript variant 3, non-coding RNA; gi|221316585|ref|NM\_001143890.1| Homo sapiens BSD domain containing 1 (BSDC1), transcript variant 1, non-coding RNA; gi|221316591|ref|NR\_026650.1| Homo sapiens biphenyl hydrolase-like (SLC15A1), transcript variant 2, mRNA; gi|221316592|ref|NM\_004063.3| Homo sapiens cadherin 17, LI cadherin (liver-intestine), transcript variant 1, mRNA;

2, mRNA; gi|344217749|ref|NM\_001243745.1| Homo sapiens carnitine O-octanoyltransferase (CROT), transcript variant 1, mRNA;

clear gene encoding mitochondrial protein, mRNA;

1, mRNA;

RNA;

transcript variant 1, mRNA; gi|221316629|ref|NM\_001144061.1| Homo sapiens coatamer protein complex, subunit 1, mRNA; gi|221316646|ref|NR\_026644.1| Homo sapiens UBA domain containing 2 (UBAC2), transcript variant 1, mRNA; gi|221316664|ref|NM\_001143996.1| Homo sapiens LIM domain 7 (LMO7), transcript variant 1, mRNA;

(SLC27A5), mRNA;

DE1), transcript variant 1, mRNA; gi|221316640|ref|NM\_017668.2| Homo sapiens nudE nuclear distribution factor 1, mRNA; gi|221316646|ref|NR\_026644.1| Homo sapiens UBA domain containing 2 (UBAC2), transcript variant 1, mRNA; gi|221316664|ref|NM\_001143996.1| Homo sapiens LIM domain 7 (LMO7), transcript variant 1, mRNA;

n homolog 2 pseudogene 6 (TPTE2P6), non-coding RNA;

1 (SLC15A1), mRNA;

mRNA; gi|221316653|ref|NM\_004885.2| Homo sapiens neuropeptide FF receptor 2 (NPFFR2), transcript variant 1, mRNA; gi|221316664|ref|NM\_001143996.1| Homo sapiens leupaxin (LPXN), transcript variant 2, mRNA; gi|221316666|ref|NM\_032795.2| Homo sapiens RNA pseudouridylation factor 1 (SLC15A1), mRNA;

ncoding mitochondrial protein, transcript variant 1, mRNA; gi|221316664|ref|NM\_001143996.1| Homo sapiens leupaxin (LPXN), transcript variant 2, mRNA; gi|221316666|ref|NM\_032795.2| Homo sapiens RNA pseudouridylation factor 1 (SLC15A1), mRNA;

ant 1, mRNA; gi|221316677|ref|NM\_001144830.1| Homo sapiens flavin containing monooxygenase 5

t 2, mRNA; gi|325197235|ref|NM\_001204410.1| Homo sapiens SEC14-like 1 (S. cerevisiae) (SEC14L1), 1  
 yeast) (UTP14C), mRNA;  
 phosphate cotransporter), member 7 (SLC17A7), mRNA;

;

transcript variant 2, mRNA; gi|221316708|ref|NM\_001144028.1| Homo sapiens NADPH dependent diflavi  
 .10), mRNA;  
 , 1 (PSMA1), transcript variant 3, mRNA; gi|221316713|ref|NM\_002786.3| Homo sapiens proteasome  
 ), mRNA;  
 ; gi|221316737|ref|NM\_001143946.1| Homo sapiens growth arrest-specific 6 (GAS6), transcript varian  
 gi|356995877|ref|NM\_001934.3| Homo sapiens distal-less homeobox 4 (DLX4), transcript variant 2, m  
 ant 3, non-coding RNA; gi|221316731|ref|NR\_026588.1| Homo sapiens EF-hand calcium binding domai  
 variant 1, mRNA; gi|221316740|ref|NM\_001144030.1| Homo sapiens N-acetyltransferase 10 (GCN5-re  
 il) (TNFAIP1), mRNA;  
 transcript variant 1, mRNA; gi|221316732|ref|NM\_199263.2| Homo sapiens thrombospondin, type I, dom  
 nRNA;  
 mRNA; gi|221316742|ref|NM\_145286.2| Homo sapiens stomatin (EPB72)-like 3 (STOML3), transcript  
 LS3BP), mRNA;  
 , mRNA; gi|221316758|ref|NM\_024003.2| Homo sapiens L1 cell adhesion molecule (L1CAM), transcrip  
 298664|ref|NM\_001048209.1| Homo sapiens neurotrimin (NTM), transcript variant 2, mRNA; gi|22131  
 like 4 (Hu antigen D) (ELAVL4), transcript variant 2, mRNA; gi|221316764|ref|NM\_021952.3| Homo sapi  
 oding RNA;  
 ;5|ref|NM\_001039577.3| Homo sapiens cyclin L2 (CCNL2), transcript variant 2, mRNA;  
 r gene encoding mitochondrial protein, mRNA;  
 5), mRNA;

21554540|ref|NM\_001144876.1| Homo sapiens docking protein 3 (DOK3), transcript variant 3, mRNA;  
 , mRNA; gi|221554545|ref|NR\_026678.1| Homo sapiens transmembrane protein 79 (TMEM79), transc  
 21625400|ref|NM\_004439.5| Homo sapiens EPH receptor A5 (EPHA5), transcript variant 1, mRNA;

ript variant 1, mRNA; gi|221625486|ref|NM\_001144878.1| Homo sapiens inositol(myo)-1(or 4)-monophosphatase 1 (GZMB), mRNA;

ted factor (NSMAF), transcript variant 2, mRNA; gi|221554488|ref|NM\_003580.3| Homo sapiens neutrophin-1 (DCTN3), transcript variant 1, mRNA;

5429|ref|NM\_001157.2| Homo sapiens annexin A11 (ANXA11), transcript variant a, mRNA; gi|2216543|ref|NM\_001157.2| Homo sapiens annexin A11 (ANXA11), transcript variant a, mRNA;

ript variant 1, mRNA; gi|222080054|ref|NM\_001144891.1| Homo sapiens MAP3K12 binding inhibitory protein 1 (MAP3K12BI), non-coding RNA; gi|222136574|ref|NM\_001558.3| Homo sapiens interleukin 10 receptor, alpha (IL10R1), mRNA;

ne encoding mitochondrial protein, mRNA; gi|222080069|ref|NM\_001144857.1| Homo sapiens PLEKHG6 (PLEKHG6), transcript variant 1, mRNA; gi|222080069|ref|NM\_001144857.1| Homo sapiens PLEKHG6 (PLEKHG6), transcript variant 1, mRNA;

; transcript variant 2, non-coding RNA; gi|222080080|ref|NR\_026682.1| Homo sapiens uncharacterized LOC100286 (UCY2C), mRNA;

SLC30A7), transcript variant 2, mRNA; gi|222080084|ref|NM\_133496.4| Homo sapiens solute carrier family 3 (SLC30A7), transcript variant 2, mRNA;

RNA; gi|222080099|ref|NM\_001144888.1| Homo sapiens BAI1-associated protein 2 (BAIAP2), transcript variant 1, mRNA;

number 3 (SLC23A3), transcript variant 3, mRNA; gi|222080104|ref|NM\_001144889.1| Homo sapiens solute carrier family 3 (SLC23A3), transcript variant 3, mRNA;

1), non-coding RNA; gi|22208988|ref|NM\_145895.1| Homo sapiens kallikrein-related peptidase 12 (KLK12), transcript variant 1, mRNA;

mRNA; gi|22208988|ref|NM\_145895.1| Homo sapiens kallikrein-related peptidase 12 (KLK12), transcript variant 1, mRNA;

mRNA; gi|218505838|ref|NM\_001142784.1| Homo sapiens interleukin 11 receptor, alpha (IL11RA), transcript variant 1, mRNA; gi|22212933|ref|NM\_147157.1| Homo sapiens sigma non-opioid intracellular receptor 1 (SIGIRR), transcript variant 1, mRNA;

;

ript variant 1, mRNA; gi|222136593|ref|NM\_001144903.1| Homo sapiens transmembrane 6 superfamily member 6 (TM6SF6), transcript variant 1, mRNA;

script variant 1, mRNA; gi|343478148|ref|NM\_001243403.1| Homo sapiens C-type lectin domain family  
variant 3, mRNA; gi|222136620|ref|NM\_001001349.2| Homo sapiens NFkB inhibitor interacting R  
variant 1, mRNA; gi|222136606|ref|NM\_001144923.1| Homo sapiens tetratricopeptide repeat domain 26

variant 1, methenyltetrahydrofolate cyclohydrolase, formyltetrahydrofolate synthetase (MTHFD1), mRNA  
RNA;

variant 3, mRNA; gi|222136679|ref|NM\_001144881.1| Homo sapiens prickly homolog 1 (Drosophila) (P  
carboxy-terminal domain, 1 (CITED1), transcript variant 4, mRNA; gi|222136685|ref|NM\_004143.3| H  
37), transcript variant 2, mRNA; gi|222144228|ref|NM\_001144912.1| Homo sapiens ATG7 autophagy r  
variant 6, mRNA; gi|222144234|ref|NM\_001144915.1| Homo sapiens fibroblast growth factor recepto  
., mRNA; gi|222144246|ref|NM\_173589.3| Homo sapiens dynein heavy chain domain 1 (DNHD1), trans  
RNA;  
non-coding RNA;

variant 1, mRNA; gi|296317340|ref|NR\_033676.1| Homo sapiens nucleoporin 62kDa C-terminal like (NU

RNA;

5), mRNA;

A;

l, transcript variant 1, mRNA; gi|222144295|ref|NR\_026697.1| Homo sapiens family with sequence sim  
variant 2, non-coding RNA; gi|222144292|ref|NM\_002264.3| Homo sapiens karyopherin alpha 1 (impor  
l, mRNA;

MO1), transcript variant 2, mRNA; gi|222144301|ref|NM\_182566.2| Homo sapiens vitelline membrane

variant 8, mRNA; gi|372266170|ref|NM\_001256277.1| Homo sapiens RAB34, member RAS oncogene

variant 1, mRNA; gi|222144325|ref|NM\_001144945.1| Homo sapiens myosin, light chain 12B, regula

2352101|ref|NM\_001144972.1| Homo sapiens sorting nexin 20 (SNX20), transcript variant 3, mRNA; g

2ADH2), mRNA;

;

(MKI67IP), mRNA;

domains) (SSC5D), transcript variant 1, mRNA; gi|305410877|ref|NM\_001195267.1| Homo sapiens sca

, mRNA;

A;

2, mRNA; gi|222352139|ref|NM\_020234.5| Homo sapiens DTW domain containing 1 (DTWD1), transcr

in containing 1 (RIIAD1), mRNA;  
A;

nbrane protein (SDHD), nuclear gene encoding mitochondrial protein, mRNA;

|222352165|ref|NM\_201551.1| Homo sapiens NEL-like 1 (chicken) (NELL1), transcript variant 2, mRNA  
(UB1), mRNA;

er in B-cells inhibitor-like 1 (NFKBIL1), transcript variant 3, mRNA; gi|222352178|ref|NM\_001144963.1|  
gi|222418554|ref|NM\_177972.2| Homo sapiens tubby homolog (mouse) (TUB), transcript variant 2, n  
pendent) 2-like (MTHFD2L), mRNA;

transcript variant 1, non-coding RNA; gi|222418595|ref|NR\_026710.1| Homo sapiens ASMTL antisense  
ing RNA;  
A;  
, non-coding RNA;  
ing RNA;  
3 RNA;

2418612|ref|NM\_001144996.1| Homo sapiens integrin, alpha 7 (ITGA7), transcript variant 1, mRNA; gi  
7-1), mRNA;

ember 2 (SLC36A2), mRNA;  
nRNA;

18634|ref|NM\_152827.2| Homo sapiens sorting nexin 3 (SNX3), transcript variant 2, mRNA;

gi|222418648|ref|NM\_001145007.1| Homo sapiens mucin 7, secreted (MUC7), transcript variant 2, m  
se, 12 (PSMD12), transcript variant 2, mRNA; gi|109702908|ref|NM\_002816.3| Homo sapiens proteasc  
A; gi|222418651|ref|NM\_001076678.2| Homo sapiens zinc finger protein 493 (ZNF493), transcript vari  
(KIR3DX1), non-coding RNA;  
: variant 1, mRNA; gi|222418661|ref|NM\_194441.2| Homo sapiens butyrophilin, subfamily 3, member  
iant 2, mRNA; gi|222418695|ref|NM\_001144933.1| Homo sapiens EF-hand calcium binding domain 3 (  
22418779|ref|NR\_026702.1| Homo sapiens glycerate kinase (GLYCTK), transcript variant 6, non-coding  
s;  
ipt variant 1, mRNA; gi|222418794|ref|NM\_032680.3| Homo sapiens EF-hand calcium binding domain  
3NA14), mRNA;

1 (SHC4), mRNA;

RNA;  
galactosaminyltransferase-like 4 (GALNTL4), mRNA;  
RNA;

ling RNA;  
, member 3 (SLC36A3), transcript variant 1, mRNA; gi|222446639|ref|NM\_181774.3| Homo sapiens so  
BMS1), transcript variant 3, mRNA; gi|222446644|ref|NM\_016836.3| Homo sapiens RNA binding motif

transporter 13) (SLC16A13), mRNA;  
1), mRNA;  
729|ref|NM\_001145023.1| Homo sapiens secernin 2 (SCRN2), transcript variant 2, mRNA;  
RNA;  
12), transcript variant 1, mRNA; gi|222537738|ref|NM\_001145025.1| Homo sapiens ER degradation en  
l), mRNA;

(SHD), mRNA;  
A;  
t 1, mRNA; gi|222537758|ref|NM\_001145031.1| Homo sapiens plasminogen activator, urokinase (PLAI  
RNA;  
n homolog 2 pseudogene 1 (TPTE2P1), non-coding RNA;

ipt variant 1, mRNA; gi|222831568|ref|NR\_026722.1| Homo sapiens SAP domain containing ribonucle  
A1 (SLCO3A1), transcript variant 1, mRNA; gi|222831572|ref|NM\_001145044.1| Homo sapiens solute c

ipt variant 1, non-coding RNA; gi|222831585|ref|NR\_026732.1| Homo sapiens chromosome 14 open r  
IT61B), mRNA;  
RSL1), mRNA;  
ipt variant 1, mRNA; gi|222831593|ref|NR\_026734.1| Homo sapiens transmembrane protease, serine 7  
A;  
variant 2, non-coding RNA; gi|222537720|ref|NM\_001145020.1| Homo sapiens chromosome 6 open r  
st variant 2, mRNA; gi|222831611|ref|NM\_020428.3| Homo sapiens solute carrier family 44, member 2  
A;  
NA;

90A), transcript variant 1, mRNA; gi|222831648|ref|NM\_207491.2| Homo sapiens family with sequence  
A2), mRNA;

RNA; gi|223005858|ref|NM\_145647.3| Homo sapiens WD repeat domain 67 (WDR67), transcript varia  
L6), mRNA;  
NA;

), non-coding RNA;  
223005900|ref|NM\_001145048.1| Homo sapiens GPN-loop GTPase 1 (GPN1), transcript variant 3, mRNA;  
;  
;

RNA; gi|223005926|ref|NM\_001145078.1| Homo sapiens zinc finger protein 805 (ZNF805), transcript  
non-coding RNA;

NA;

member 6 (SLC2A6), transcript variant 1, mRNA; gi|223029429|ref|NM\_001145099.1| Homo sapiens solu

mRNA; gi|52352808|ref|NM\_005902.3| Homo sapiens SMAD family member 3 (SMAD3), transcript va  
ding RNA;  
, mRNA;  
eudogene (CYP4F35P), non-coding RNA;  
-coding RNA;

;  
(PPAPDC3), mRNA;  
non-coding RNA;  
nt 1, mRNA; gi|223029460|ref|NM\_001145106.1| Homo sapiens fibrinogen C domain containing 1 (FIE  
;  
; gi|223029469|ref|NM\_001145107.1| Homo sapiens NEL-like 2 (chicken) (NELL2), transcript variant 1  
, 4P), non-coding RNA;  
on-coding RNA;  
, non-coding RNA;  
ding RNA;  
ig RNA;  
(MYCNOS), non-coding RNA;  
on-coding RNA;  
nRNA;  
oding RNA;

n coding) (FAM215A), non-coding RNA;  
IA;  
iant 1, mRNA; gi|223029499|ref|NM\_001145053.1| Homo sapiens EF-hand calcium binding domain 5 (  
ig RNA;  
ding RNA;  
transcript variant 1, mRNA; gi|223029509|ref|NM\_001145076.1| Homo sapiens echinoderm microtub

gi|223029385|ref|NM\_001144896.1| Homo sapiens CD209 molecule (CD209), transcript variant 3, mRNA; transcript variant 2, mRNA; gi|223029377|ref|NM\_007357.2| Homo sapiens component of oligomeric golg

2325387|ref|NM\_148169.1| Homo sapiens F-box protein 17 (FBXO17), transcript variant 1, mRNA; transcript variant 8, mRNA; gi|223278351|ref|NR\_026709.1| Homo sapiens C-type lectin domain family

GRIN3A), mRNA;  
on-coding RNA;  
on-coding RNA;  
ng RNA;  
east) (PATL2), mRNA;

; RNA;

RRP12), transcript variant 2, mRNA; gi|223278378|ref|NM\_015179.3| Homo sapiens ribosomal RNA pri  
ar gene encoding mitochondrial protein, mRNA;

S1), non-coding RNA;  
gi|223278384|ref|NM\_198956.2| Homo sapiens Sp8 transcription factor (SP8), transcript variant 2, mR

G), mRNA;  
oding RNA;  
on-coding RNA;  
ing protein (GRID2IP), mRNA;  
on-coding RNA;  
on-coding RNA;

n-coding RNA; gi|223278409|ref|NM\_001039464.2| Homo sapiens HEAT repeat containing 8 (HEATR8)

e 1 (non-protein coding) (BPESC1), non-coding RNA;  
ding RNA;  
ig RNA;

on-coding RNA;  
, member 5 (SLC1A5), transcript variant 2, mRNA; gi|223468565|ref|NM\_001145145.1| Homo sapiens  
-IT1), non-coding RNA;  
, non-coding RNA;  
e (FAM106CP), non-coding RNA;  
ne encoding mitochondrial protein, mRNA;  
ene encoding mitochondrial protein, mRNA;  
;  
1), non-coding RNA;  
ig RNA;  
ig RNA;  
IA;

de, antigen CD51) (ITGAV), transcript variant 3, mRNA; gi|223468594|ref|NM\_001144999.1| Homo sap  
transcript variant 2, mRNA; gi|223468604|ref|NR\_026787.1| Homo sapiens leishmanolysin-like (metall



on-coding RNA;  
on-coding RNA;

5C1), mRNA;

nt 2, mRNA; gi|223468619|ref|NM\_013446.3| Homo sapiens makorin ring finger protein 1 (MKRN1), tr  
oding RNA;

script variant 2, mRNA; gi|223468627|ref|NR\_026745.1| Homo sapiens component of oligomeric golgi

n-coding RNA;  
on-coding RNA;

;

on-coding RNA;

ranscript variant 2, non-coding RNA; gi|223468643|ref|NR\_026796.1| Homo sapiens long intergenic no

1, mRNA; gi|298231255|ref|NM\_001190265.1| Homo sapiens C1D nuclear receptor corepressor (C1D)  
, mRNA;

-coding RNA; gi|223468656|ref|NM\_003027.3| Homo sapiens SH3-domain GRB2-like 3 (SH3GL3), trans  
ise) (AKR1B10), mRNA;

A;

clear gene encoding mitochondrial protein, transcript variant 8, mRNA; gi|223468671|ref|NM\_001145:

, non-coding RNA;

, non-coding RNA;

, non-coding RNA;

olog (yeast) (UTP23), mRNA;

RNA;

A;

on-coding RNA;

;

37A), transcript variant 1, mRNA; gi|223555920|ref|NM\_001145152.1| Homo sapiens vacuolar protein  
PSORS1C3), non-coding RNA;

nt 2, mRNA; gi|223555923|ref|NM\_144649.2| Homo sapiens transmembrane protein 71 (TMEM71), tr  
;

, non-coding RNA;

non-coding RNA;

non-coding RNA;

non-coding RNA;

non-coding RNA;

.EC4GP1), non-coding RNA;

, non-coding RNA;

G10P), non-coding RNA;

g RNA;  
F2), transcript variant 4, mRNA; gi|223555947|ref|NM\_021005.3| Homo sapiens nuclear receptor subfamily 1 (DSCC1), mRNA;  
nt 1, mRNA; gi|226371761|ref|NM\_001146273.1| Homo sapiens transmembrane protein 64 (TMEM64

223555973|ref|NM\_003290.2| Homo sapiens tropomyosin 4 (TPM4), transcript variant 2, mRNA;  
;  
S2), non-coding RNA;  
2 (NDST2), mRNA;

;  
;  
;  
01), non-coding RNA;  
t 1, non-coding RNA; gi|223555999|ref|NR\_026836.1| Homo sapiens uncharacterized LOC283392 (LOC  
ariant 4, non-coding RNA; gi|223556002|ref|NR\_026839.1| Homo sapiens Down syndrome critical region  
pt variant 2, mRNA; gi|223556009|ref|NM\_001145167.1| Homo sapiens protein arginine methyltransferase  
non-coding RNA;  
coding RNA;

), mRNA;  
script variant 2, mRNA; gi|223633883|ref|NM\_001145165.1| Homo sapiens deoxyhypusine hydroxylase

85074), non-coding RNA;  
00B), mRNA;  
;  
RNA;  
on-coding RNA;  
P), non-coding RNA;  
;  
(SLC39A12), transcript variant 1, mRNA; gi|223633936|ref|NM\_152725.3| Homo sapiens solute carrier  
5A6), mRNA;  
e (FAM75D5), non-coding RNA;  
, mRNA;  
5D1), mRNA;

on-coding RNA;  
RNA;  
RhoGef domain) member 7 (PLEKHG7), mRNA;  
nRNA; gi|223633956|ref|NM\_001145201.1| Homo sapiens proline-rich acidic protein 1 (PRAP1), transcribed

; RNA;

variant 2, non-coding RNA; gi|223633972|ref|NR\_026855.1| Homo sapiens uncharacterized LOC401232  
102343892.1| PREDICTED: Homo sapiens uncharacterized protein KIAA1671-like (LOC100289134), mRNA.

non-coding RNA;  
non-coding RNA;  
RNA; gi|223555962|ref|NM\_001145158.1| Homo sapiens HBS1-like (S. cerevisiae) (HBS1L), transcript  
variant 2, mRNA; gi|223633998|ref|NM\_018369.2| Homo sapiens DEP domain containing 1B (DEPDC1B), tra  
nscript variant 1, non-coding RNA; gi|223634004|ref|NR\_026861.1| Homo sapiens long intergenic no  
non-coding RNA;  
non-coding RNA;  
OP), non-coding RNA;  
ig RNA;  
ig RNA;  
ng RNA;  
oding RNA;  
n-coding RNA;

1129935), non-coding RNA;  
57A), mRNA;  
57B), mRNA;  
;

5D4), mRNA;  
RNA; gi|223671860|ref|NM\_001145252.1| Homo sapiens complement factor properdin (CFP), transcr  
NA;  
ipt variant 2, mRNA; gi|223671882|ref|NM\_001145256.1| Homo sapiens interleukin-1 receptor-associ  
;  
5), transcript variant 1, mRNA; gi|223671897|ref|NR\_026872.1| Homo sapiens phosphodiesterase 6G, c

non-coding RNA;  
ator 2 (LAMTOR2), transcript variant 1, mRNA; gi|223671905|ref|NM\_001145264.1| Homo sapiens lat  
ipt variant 3, mRNA; gi|223671916|ref|NM\_001145265.1| Homo sapiens solute carrier family 35, mem

23671937|ref|NM\_020403.4| Homo sapiens protocadherin 9 (PCDH9), transcript variant 2, mRNA;  
ng RNA;  
non-coding RNA;  
ng RNA;  
cript variant 2, mRNA; gi|223717970|ref|NM\_001145146.1| Homo sapiens corticotropin releasing hori  
nRNA; gi|223717964|ref|NM\_001145275.1| Homo sapiens zinc finger protein, Y-linked (ZFY), transcrip  
, member 2 (SLC37A2), transcript variant 1, mRNA; gi|223717982|ref|NM\_001145290.1| Homo sapien:  
pt variant 2, mRNA; gi|223717979|ref|NM\_016120.3| Homo sapiens ring finger protein, LIM domain in  
ducing activity polypeptide 1 (GNAT1), transcript variant 1, mRNA; gi|223717994|ref|NM\_000172.3| H

14 (NUDT14), mRNA;  
transcript variant 1, mRNA; gi|223718036|ref|NM\_001145291.1| Homo sapiens phosphodiesterase 6B, mRNA;  
3-1G2, mRNA; gi|223718038|ref|NM\_000914.3| Homo sapiens opioid receptor, mu 1 (OPRM1), transcript variant 1, mRNA; gi|223890144|ref|NM\_144686.2| Homo sapiens transmembrane channel-like 4 (TMC4), transcript variant 1, mRNA;  
gene encoding mitochondrial protein, mRNA;  
transcript variant 1, mRNA; gi|223718101|ref|NM\_199186.2| Homo sapiens 2,3-bisphosphoglycerate mutase (BPGM), cytoplasmic, member 3 (SLC25A3), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA;  
non-coding RNA; gi|223718122|ref|NR\_026883.1| Homo sapiens uncharacterized LOC29075 (HSPC072), non-coding RNA;  
mRNA; gi|223718130|ref|NM\_001259.6| Homo sapiens cyclin-dependent kinase 6 (CDK6), transcript variant 1, mRNA;  
ref|NM\_005045.3| Homo sapiens reelin (RELN), transcript variant 1, mRNA;

transcript variant 1, mRNA;  
ref|NM\_001145311.1| Homo sapiens perilipin 1 (PLIN1), transcript variant 2, mRNA;  
ref|NM\_005240.1| Homo sapiens ets variant 3 (ETV3), transcript variant 2, mRNA;  
transcript variant 2, mRNA; gi|223718221|ref|NM\_001145313.1| Homo sapiens fibronectin type II domain 1, transcript variant 2, mRNA; gi|223718221|ref|NM\_001145313.1| Homo sapiens fibronectin type II domain 1, transcript variant 2, mRNA; gi|223718221|ref|NM\_001145313.1| Homo sapiens fibronectin type II domain 1, transcript variant 2, mRNA; gi|223718221|ref|NM\_001145313.1| Homo sapiens fibronectin type II domain 1, transcript variant 2, mRNA;  
ref|NM\_002670.2| Homo sapiens plastin 1 (PLS1), transcript variant 2, mRNA; gi|288915535|ref|NM\_002670.2| Homo sapiens plastin 1 (PLS1), transcript variant 2, mRNA;  
ref|NM\_014694.3| Homo sapiens ADAMTS-like 2 (ADAMTSL2), transcript variant 1, mRNA;  
transcript variant 1, mRNA; gi|223718437|ref|NM\_001145313.1| Homo sapiens fibronectin type II domain 1, transcript variant 2, mRNA; gi|223718576|ref|NM\_206831.2| Homo sapiens DPH3, KTI11 homolog (S. cerevisiae), transcript variant 1, mRNA; gi|223671929|ref|NM\_001145271.1| Homo sapiens ADAM-like, decysin 1 (ADAMDEC1), transcript variant 1, mRNA;  
transcript variant 3, non-coding RNA; gi|223671926|ref|NM\_001145269.1| Homo sapiens family with

transcript variant 5, mRNA; gi|223890150|ref|NM\_001145317.1| Homo sapiens DSN1 (S. cerevisiae) (DSN1), transcript variant 5, mRNA; gi|223890150|ref|NM\_001145317.1| Homo sapiens DSN1 (S. cerevisiae) (DSN1), transcript variant 5, mRNA;  
transcript variant 2, mRNA; gi|223890183|ref|NM\_173469.2| Homo sapiens ubiquitin-conjugase 1, transcript variant 2, mRNA;  
transcript variant 2, mRNA;  
transcript variant 1, mRNA; gi|223890202|ref|NM\_001145338.1| Homo sapiens zinc finger and BTB domain containing protein 1, transcript variant 1, mRNA; gi|223890214|ref|NM\_001145345.1| Homo sapiens zinc finger protein 566 (ZNF566), transcript variant 1, mRNA;  
transcript variant 1, mRNA;

transcript variant 1, mRNA; gi|223890222|ref|NM\_001145347.1| Homo sapiens zinc finger protein 576 (ZNF576), transcript variant 1, mRNA; gi|223890226|ref|NR\_026893.1| Homo sapiens POU class 6 homeobox 1 (POU6F1), transcript variant 1, mRNA;

transcript variant 1, mRNA; gi|223890234|ref|NM\_001145349.1| Homo sapiens intracisternal A particle-protein 1, transcript variant 1, mRNA;

gi|375151589|ref|NM\_001256577.1| Homo sapiens ribosomal protein L10 (RPL10), transcript variant (MKLN1), transcript variant 2, mRNA; gi|223890245|ref|NM\_001145354.1| Homo sapiens muskelin 1, iNA;  
pseudogene (LOC644172), non-coding RNA;  
ncRNA;  
LIP1), non-coding RNA;  
6|ref|NM\_012216.3| Homo sapiens midline 2 (MID2), transcript variant 1, mRNA;  
ncRNA;  
C1P2), non-coding RNA;  
5, mRNA; gi|223890283|ref|NM\_001145262.1| Homo sapiens nuclear receptor coactivator 4 (NCOA4), transcript variant 1, non-coding RNA; gi|223941771|ref|NR\_026906.1| Homo sapiens chromosome 17 open reading frame 3, mRNA; gi|223941775|ref|NM\_001145355.1| Homo sapiens COBW domain containing 1 (CBWD1), transcript variant 2, mRNA; gi|223941781|ref|NM\_001145357.1| Homo sapiens SIN3 transcription regulator 1, transcript variant 2, mRNA; gi|223941807|ref|NM\_001145295.1| Homo sapiens N-glycanase 1 (NGLY1), transcript variant 4, mRNA; gi|223941807|ref|NM\_001145295.1| Homo sapiens N-glycanase 1 (NGLY1), transcript variant 4, mRNA; gi|32967282|ref|NM\_181799.1| Homo sapiens ubiquitin-conjugating enzyme E2C (UBE2C), transcript variant 1, non-coding RNA;  
gi|296531352|ref|NM\_001184898.1| Homo sapiens PHD finger protein 8 (PHF8), transcript variant 4, mitochondrial protein, mRNA;  
ncoding RNA; gi|223941823|ref|NM\_001008910.2| Homo sapiens serine/threonine kinase 16 (STK16), transcript variant 1, ncoding RNA;  
A; gi|223941845|ref|NM\_001145365.1| Homo sapiens zinc finger protein 652 (ZNF652), transcript variant 1, ncoding RNA;  
ncoding RNA;  
651), non-coding RNA;  
coding mitochondrial protein, mRNA;  
ncoding RNA;  
PN3), transcript variant 2, mRNA; gi|223941893|ref|NR\_026918.1| Homo sapiens protein tyrosine phosphatase 1, transcript variant 1, ncoding RNA;  
), non-coding RNA;  
2181), non-coding RNA;  
neutral sphingomyelinase-3 pseudogene (LOC150776), non-coding RNA;  
ncoding RNA;  
1 synthase and cyclooxygenase) (PTGS2), mRNA;  
t 2, non-coding RNA; gi|223941915|ref|NR\_026925.1| Homo sapiens uncharacterized LOC151174 (LOC151174), non-coding RNA;  
; transcript variant 1, mRNA; gi|223941928|ref|NM\_001145353.1| Homo sapiens E74-like factor 1 (ets domain containing protein 1), non-coding RNA;  
; variant 1, mRNA; gi|223942013|ref|NM\_024773.2| Homo sapiens lysine (K)-specific demethylase 8 (KDM8), transcript variant 1, mRNA;

ariant 2, mRNA; gi|223942038|ref|NM\_018090.4| Homo sapiens NECAP endocytosis associated 2 (NEC  
transcript variant 1, mRNA; gi|223972619|ref|NR\_026933.1| Homo sapiens chromosome 20 open reac

on-coding RNA;

;

;

ng RNA;

ne encoding mitochondrial protein, transcript variant 1, mRNA; gi|223972626|ref|NM\_001145391.1| H  
TSEN2), transcript variant 4, mRNA; gi|223972637|ref|NM\_001145395.1| Homo sapiens tRNA splicing (C2), transcript variant 2, non-coding RNA; gi|223972642|ref|NR\_026941.1| Homo sapiens cancer suscep

;

.1), transcript variant 1, mRNA; gi|223972652|ref|NM\_001145396.1| Homo sapiens aldehyde dehydrog

;

;

on-coding RNA;

;

on-coding RNA;

ranscript variant 1, mRNA; gi|223972682|ref|NM\_001145399.1| Homo sapiens metallophosphoesterase  
seudogene (LOC283922), non-coding RNA;

on-coding RNA;

ranscript variant 2, mRNA; gi|223972687|ref|NM\_139174.3| Homo sapiens adenosine deaminase domain  
LE2), mRNA;

RNA; gi|224028218|ref|NM\_001145404.1| Homo sapiens zinc finger protein 506 (ZNF506), transcript

;

;

on-coding RNA;

on-coding RNA;

;

ranscript variant 2, non-coding RNA; gi|224028240|ref|NR\_026963.1| Homo sapiens TTC28 antisense F  
, transcript variant 1, mRNA; gi|224028242|ref|NM\_007363.4| Homo sapiens non-POU domain contain

on-coding RNA;

ng RNA;

;

;

on-coding RNA;

-coding RNA;

;

anscript variant 1, non-coding RNA; gi|224028268|ref|NR\_026973.1| Homo sapiens HLA-F antisense RNA  
ng RNA;

: variant 2, mRNA; gi|82617643|ref|NM\_000390.2| Homo sapiens choroideremia (Rab escort protein 1)

[illegible]





3 (EEF1DP3), non-coding RNA;  
 on-coding RNA;  
 g RNA;  
 ranscript variant 2, non-coding RNA; gi|224458296|ref|NR\_027065.1| Homo sapiens long intergenic no  
 RNA;  
 36A), mRNA;  
 t 2, non-coding RNA; gi|354623033|ref|NR\_027105.2| Homo sapiens uncharacterized LOC285419 (LOC  
  
 t 2, non-coding RNA; gi|224465141|ref|NR\_027108.1| Homo sapiens uncharacterized LOC285593 (LOC  
 ;  
 ;  
  
 t 2, non-coding RNA; gi|224465148|ref|NR\_027114.1| Homo sapiens uncharacterized LOC285740 (LOC  
 ;  
 A;  
 t 1, non-coding RNA; gi|224465160|ref|NR\_027119.1| Homo sapiens uncharacterized LOC285954 (LOC  
 ;  
 i|224465183|ref|NM\_001145512.1| Homo sapiens nuclear factor I/A (NFIA), transcript variant 4, mRNA/  
 t variant 1, non-coding RNA; gi|291045263|ref|NR\_033389.1| Homo sapiens uncharacterized LOC1001  
 465189|ref|NM\_001145514.1| Homo sapiens secernin 1 (SCRN1), transcript variant 3, mRNA; gi|22446  
 in coding RNA) (PISRT1), non-coding RNA;  
 ng RNA;  
 on-coding RNA;  
 ;  
 ;  
 ;  
 t 3, non-coding RNA; gi|224465205|ref|NR\_027075.1| Homo sapiens uncharacterized LOC283761 (LOC  
  
 ;  
 t 1, non-coding RNA; gi|224465217|ref|NR\_027080.1| Homo sapiens uncharacterized LOC283914 (LOC  
 RNA;  
 RNA; gi|326937473|ref|NM\_001010982.4| Homo sapiens arylformamidase (AFMID), transcript variant  
 tNA;  
 VT1), transcript variant 2, mRNA; gi|224465232|ref|NM\_024757.4| Homo sapiens euchromatic histone  
  
  
 ;  
 ;  
 ;  
 ;  
 t 2, non-coding RNA; gi|224465248|ref|NR\_027089.1| Homo sapiens uncharacterized LOC284788 (LOC  
 t 1, non-coding RNA; gi|224465251|ref|NR\_027092.1| Homo sapiens uncharacterized LOC284798 (LOC  
  
 ng RNA;  
 ranscript variant 3, non-coding RNA; gi|224465257|ref|NR\_027099.1| Homo sapiens long intergenic no  
 ;  
 ;  
 ;  
 ;

on-coding RNA;  
n-coding RNA;  
;  
non-coding RNA; gi|224493716|ref|NR\_027126.1| Homo sapiens RNA binding motif protein 18 (RBM18), mRNA;  
;  
ipt variant 2, non-coding RNA; gi|224493761|ref|NR\_027128.1| Homo sapiens chromosome 21 open reading frame 1A;  
ig RNA;  
RNA;  
t 2, non-coding RNA; gi|224493860|ref|NR\_027132.1| Homo sapiens uncharacterized LOC145820 (LOC145820), non-coding RNA;  
., mRNA; gi|224493846|ref|NM\_001145541.1| Homo sapiens t-complex 11 (mouse)-like 1 (TCP11L1), transcript variant 4, mRNA; gi|224493927|ref|NR\_027135.1| Homo sapiens zinc finger and SCAN domain containing 1, transcript variant 1, mRNA; gi|224493955|ref|NM\_017740.2| Homo sapiens zinc finger, DHHC-type containing 1, transcript variant 1, mRNA;  
ding RNA;  
ding RNA;  
-coding RNA; gi|115527077|ref|NM\_001010862.2| Homo sapiens spindlin family, member 3 (SPIN3), transcript variant 1, mRNA; gi|224494036|ref|NR\_027140.1| Homo sapiens tumor necrosis factor receptor 1, transcript variant 2, mRNA; gi|224493659|ref|NR\_027121.1| Homo sapiens shroom family member 4 (SHROOM4), transcript variant 1, mRNA;  
nuclear gene encoding mitochondrial protein, mRNA;  
on-coding RNA;  
iding RNA;  
RNA;  
  
L, mRNA; gi|224548922|ref|NM\_001145635.1| Homo sapiens tripartite motif containing 45 (TRIM45), transcript variant 3, mRNA; gi|224548926|ref|NM\_001145638.1| Homo sapiens G-protein signaling modulator 1 (GSM1), transcript variant 1, mRNA;  
  
script variant 2, non-coding RNA; gi|254750680|ref|NR\_027152.2| Homo sapiens chromosome 10 open reading frame 1, non-coding RNA;  
ie (C. elegans) pseudogene (LOC641298), non-coding RNA;  
  
ng RNA;  
  
RNA;  
oding RNA;  
  
PH1B), transcript variant 2, mRNA; gi|224548985|ref|NM\_031301.3| Homo sapiens anterior pharynx domain 1, transcript variant 1, non-coding RNA; gi|224548995|ref|NR\_027231.1| Homo sapiens PPP2R3B and PPP2R3A, transcript variant 1, non-coding RNA;  
  
nt 2, mRNA; gi|224549001|ref|NM\_032905.4| Homo sapiens RNA binding motif protein 17 (RBM17), transcript variant 2, mRNA;

NA;

non-coding RNA;

RNA; gi|224549027|ref|NM\_020951.4| Homo sapiens zinc finger protein 529 (ZNF529), transcript variant 1, non-coding RNA; gi|224549036|ref|NR\_027241.1| Homo sapiens uncharacterized LOC388796 (LOC

non-coding RNA;

);

L3), non-coding RNA;

(RESP18), mRNA;

exon 1 (PRORS1), non-coding RNA;

51), non-coding RNA;

), non-coding RNA; gi|224586803|ref|NM\_017443.4| Homo sapiens polymerase (DNA directed), epsilon 1, non-coding RNA; gi|224586801|ref|NM\_001029997.3| Homo sapiens zinc finger protein 181 (ZNF181), transcript variant 1, non-coding RNA;

-AS1), non-coding RNA;

; gi|224586816|ref|NM\_001145667.1| Homo sapiens golgi glycoprotein 1 (GLG1), transcript variant 3, variant 1, mRNA; gi|224586822|ref|NM\_001145411.1| Homo sapiens coiled-coil domain containing 110 transcript variant 2, non-coding RNA; gi|224586821|ref|NR\_027266.1| Homo sapiens long intergenic no

e (ANKRD20A11P), non-coding RNA;

RNA;

non-coding RNA;

non-coding RNA;

), non-coding RNA;

t variant 1, non-coding RNA; gi|224586840|ref|NR\_027275.1| Homo sapiens uncharacterized LOC1001 non-coding RNA;

pt variant 4, mRNA; gi|224586852|ref|NM\_001145674.1| Homo sapiens sorbin and SH3 domain containing 1, transcript variant 3, mRNA; gi|224586859|ref|NM\_001145466.1| Homo sapiens natural cytotoxicity triggering receptor 1, non-coding RNA; gi|224586869|ref|NM\_138443.3| Homo sapiens HAUS augmin-like complex, transcript variant 1, non-coding RNA; gi|224586871|ref|NM\_001145546.1| Homo sapiens galanin-like peptide (GALP), transcript variant 2, mRNA;

(RASGRF1), transcript variant 1, mRNA; gi|224586877|ref|NM\_153815.2| Homo sapiens Ras protein-specific binding protein 1, non-coding RNA; gi|224586883|ref|NM\_001145426.1| Homo sapiens cold shock domain protein A (CSDA), transcript variant 1, non-coding RNA;

coding RNA;

RNA;  
;  
coding RNA;

;  
  
on-coding RNA;  
on-coding RNA;  
00130331), non-coding RNA;  
i-coding RNA;  
;  
oding RNA;

ng RNA;  
, non-coding RNA;  
;

coding RNA;  
;  
, mRNA;  
97100792|ref|NM\_173665.2| Homo sapiens KIAA0825 (KIAA0825), transcript variant 2, mRNA;  
ing RNA;

on-coding RNA;  
VA;  
VA;  
5P), non-coding RNA;  
NA;  
99815), non-coding RNA;

;  
l, non-coding RNA;  
NA;

;  
1), transcript variant 3, mRNA; gi|224589137|ref|NM\_001145716.1| Homo sapiens patatin-like phospholipase

l, transcript variant 1, non-coding RNA; gi|224591397|ref|NR\_027286.1| Homo sapiens FLVCR1 antisense RNA;  
;

antisense RNA;  
mRNA;  
2, mRNA; gi|224591405|ref|NM\_207372.2| Homo sapiens SH2 domain containing 4B (SH2D4B), transcript variant 2 (LDLRAD2), mRNA;

n-coding RNA;  
 rRNA;  
 rRNA;  
 , non-coding RNA;  
 gene (LOC96610), non-coding RNA;  
 variant 1, mRNA; gi|224591429|ref|NM\_001145725.1| Homo sapiens Ly1 antibody reactive homolog (I  
  
 t 2, non-coding RNA; gi|224593261|ref|NR\_026680.2| Homo sapiens uncharacterized LOC401884 (MG  
 A;  
  
 , nuclear gene encoding mitochondrial protein, mRNA;  
 rRNA; gi|224611700|ref|NM\_001145662.1| Homo sapiens GATA binding protein 2 (GATA2), transcript  
 2, mRNA; gi|224809226|ref|NM\_005148.3| Homo sapiens unc-119 homolog (C. elegans) (UNC119), tr  
 transcript variant 3, non-coding RNA; gi|224809301|ref|NM\_001145769.1| Homo sapiens xeroderma  
 A; gi|224809326|ref|NM\_001145775.1| Homo sapiens FK506 binding protein 5 (FKBP5), transcript vari  
 ant 7, mRNA; gi|224809317|ref|NM\_001145772.1| Homo sapiens G protein-coupled receptor 56 (GPR  
 ;  
 A; gi|224809396|ref|NM\_001145783.1| Homo sapiens MEF2B neighbor (MEF2BNB), transcript variant  
 , transcript variant 2, non-coding RNA; gi|156564394|ref|NM\_000380.3| Homo sapiens xeroderma pigr  
  
 pt variant 2, non-coding RNA; gi|224809417|ref|NR\_027308.1| Homo sapiens MEF2BNB-MEF2B readtl  
 (TMT3), mRNA;  
 t 2, non-coding RNA; gi|224809435|ref|NR\_027311.1| Homo sapiens uncharacterized LOC153910 (LOC  
 ion-coding RNA; gi|224809445|ref|NR\_027314.1| Homo sapiens uncharacterized LOC150527 (TISP43),  
 it 5, non-coding RNA; gi|224809418|ref|NM\_001145724.1| Homo sapiens homer homolog 3 (Drosophi  
 ;  
 ig RNA;  
 rRNA; gi|224809465|ref|NM\_001145794.1| Homo sapiens anthrax toxin receptor 2 (ANTXR2), transcript  
 rRNA; gi|224809473|ref|NM\_001145522.1| Homo sapiens retinoic acid induced 14 (RAI14), transcript v  
 gi|263190679|ref|NM\_001167609.1| Homo sapiens GLI family zinc finger 1 (GLI1), transcript variant 3,  
 coding RNA;  
 ;  
 variant 2, mRNA; gi|224809577|ref|NM\_001145658.1| Homo sapiens RAP1 GTPase activating protein (
  
 ;  
  
 TM and ITIM domains), member 2 (LILRB2), transcript variant 1, mRNA; gi|224831236|ref|NM\_001080  
 3 subunit) (ITGAM), transcript variant 1, mRNA; gi|88501733|ref|NM\_000632.3| Homo sapiens integrin  
 e encoding mitochondrial protein, transcript variant 6, mRNA; gi|224831245|ref|NM\_130832.2| Homo  
 W), mRNA;  
 'N1MW2), mRNA;  
  
 ACNB4), transcript variant 1, mRNA; gi|224831261|ref|NM\_001145798.1| Homo sapiens calcium chan  
  
 R2B3), mRNA;

non-coding RNA;  
rone (DHEA)-preferring, member 1 (SULT2A1), mRNA;  
ng RNA;  
cript variant 2, mRNA; gi|224994154|ref|NM\_015944.3| Homo sapiens amidohydrolase domain contain  
ng RNA;  
nRNA;  
iRNA;  
nRNA; gi|224926823|ref|NM\_015503.2| Homo sapiens SH2B adaptor protein 1 (SH2B1), transcript vari  
1, non-coding RNA; gi|224967135|ref|NR\_021487.2| Homo sapiens uncharacterized LOC114796 (KIAA1  
: variant 4, mRNA; gi|224967049|ref|NM\_001145811.1| Homo sapiens SRY (sex determining region Y)-l  
ding RNA;

oding RNA;  
56), non-coding RNA;  
ipt variant 1, mRNA; gi|224967099|ref|NM\_001734.3| Homo sapiens complement component 1, s sub  
on-coding RNA;  
ant 3, mRNA; gi|224967056|ref|NM\_001145829.1| Homo sapiens troponin I type 2 (skeletal, fast) (TN  
icoding mitochondrial protein, transcript variant 1, mRNA; gi|224994161|ref|NM\_001145838.1| Homo  
non-coding RNA; gi|224994167|ref|NR\_027342.1| Homo sapiens FK506 binding protein 9-like (FKBP9L)  
ila) (ROBO1), transcript variant 1, mRNA; gi|224994172|ref|NM\_001145845.1| Homo sapiens roundab  
ot variant 2, mRNA; gi|61635914|ref|NM\_016180.3| Homo sapiens solute carrier family 45, member 2  
.4994194|ref|NM\_001145850.1| Homo sapiens prominin 1 (PROM1), transcript variant 6, mRNA; gi|22  
it 1, mRNA; gi|224994204|ref|NM\_001145853.1| Homo sapiens Wolfram syndrome 1 (wolframin) (WF  
ranscript variant 2, non-coding RNA; gi|224994216|ref|NR\_027345.1| Homo sapiens long intergenic no  
variant 1, mRNA; gi|224994249|ref|NM\_181873.3| Homo sapiens myotubularin related protein 11 (M  
3), non-coding RNA; gi|224994258|ref|NR\_027349.1| Homo sapiens miR-17-92 cluster host gene (non-  
007537|ref|NR\_027353.1| Homo sapiens CD8a molecule (CD8A), transcript variant 4, non-coding RNA;  
anscript variant 3, non-coding RNA; gi|225007561|ref|NR\_027355.1| Homo sapiens lymphocyte-specifi  
n-coding RNA;  
;  
tonin), member 4 (SLC6A4), mRNA;

number 2 (APBB2), transcript variant 3, mRNA; gi|260593732|ref|NM\_001166051.1| Homo sapiens amylc  
RNA;  
cerevisiae) (POP1), transcript variant 3, mRNA; gi|225007649|ref|NM\_001145860.1| Homo sapiens pro  
revisiae) (ESF1), mRNA;  
l N-terminal myristylation sites (SRMS), mRNA;

3Q), transcript variant 1, mRNA; gi|342307086|ref|NM\_004204.3| Homo sapiens phosphatidylinositol 4  
MB3), mRNA;  
MB4), mRNA;

clear gene encoding mitochondrial protein, transcript variant 3, mRNA; gi|22538481|ref|NM\_007169.2

(SMCR7), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|222080059|ref|U17), mRNA;  
mRNA;  
mRNA; gi|22538791|ref|NM\_145859.1| Homo sapiens programmed cell death 10 (PDCD10), transcript v

CKbeta8-1, mRNA; gi|22538807|ref|NM\_145898.1| Homo sapiens chemokine (C-C motif) ligand 23 (CC

RNA;  
RNA;  
lar RNA;  
lar RNA;  
lar RNA;  
lar RNA;  
RNA;  
RNA;  
lar RNA;  
lar RNA;  
lar RNA;  
r RNA;  
lar RNA;  
lar RNA;  
lar RNA;  
lar RNA;  
lar RNA;  
lar RNA;

FKB activator (TNFRSF11A), mRNA;  
e encoding mitochondrial protein, mRNA;  
encoding mitochondrial protein, transcript variant 2, mRNA; gi|22547139|ref|NM\_146388.1| Homo sap

regulated) (CCL18), mRNA;  
ar gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|22547188|ref|NM\_148918.1| H

l), transcript variant 1, mRNA; gi|225543093|ref|NM\_001145938.1| Homo sapiens matrix metalloprotei  
subunit 3 (29kDa) (PAFAH1B3), transcript variant 3, mRNA; gi|225543095|ref|NM\_002573.3| Homo sap  
y;

ding RNA;  
r 1C1 (SLCO1C1), transcript variant 4, mRNA; gi|225543117|ref|NM\_001145946.1| Homo sapiens solu  
og A (yeast) (TIMM8A), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|22  
S. cerevisiae) (SAMM50), mRNA;

7), transcript variant 2, mRNA; gi|225543213|ref|NM\_002417.4| Homo sapiens antigen identified by m  
ant 1, mRNA; gi|225543290|ref|NR\_027280.1| Homo sapiens SUMO1 activating enzyme subunit 1 (SAI  
50456466|ref|NM\_014687.1| Homo sapiens KIAA0226 (KIAA0226), transcript variant 2, mRNA;  
variant 2, non-coding RNA; gi|41152096|ref|NM\_005088.2| Homo sapiens A kinase (PRKA) anchor prot

erevisiae) (POP4), transcript variant 2, non-coding RNA; gi|225543171|ref|NM\_006627.2| Homo sapie  
NA;

RNA; gi|295849302|ref|NM\_001178063.1| Homo sapiens complement component 2 (C2), transcript va  
;

ntaining 1 (TANC1), transcript variant 1, mRNA; gi|225543462|ref|NM\_001145909.1| Homo sapiens tet

31 (SLCO1B1), mRNA;

LO2), mRNA;

4), transcript variant 3, non-coding RNA; gi|70166742|ref|NM\_015532.3| Homo sapiens polymerase (R

nily), member 1 (SLC10A1), mRNA;

nily), member 4 (SLC10A4), mRNA;

nily), member 6 (SLC10A6), mRNA;

rs), member 4 (SLC12A4), transcript variant 5, mRNA; gi|225579060|ref|NM\_001145961.1| Homo sapi

r gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|225579077|ref|NM\_001145971.1|

ene encoding mitochondrial protein, transcript variant 2, mRNA; gi|225579073|ref|NM\_001145901.1| I

nsript variant 1, mRNA; gi|225579094|ref|NM\_001145923.1| Homo sapiens S-phase cyclin A-associati

ng RNA;

variant 1, mRNA; gi|225579129|ref|NM\_024545.3| Homo sapiens Sin3A-associated protein, 130kDa (S

lear gene encoding mitochondrial protein, mRNA;

coding mitochondrial protein, mRNA;

t (IGFALS), transcript variant 3, non-coding RNA; gi|225579150|ref|NM\_004970.2| Homo sapiens insuli

|225637460|ref|NM\_001145933.1| Homo sapiens transketolase-like 1 (TKTL1), transcript variant 2, mF

NA;

NA;

1 (SLCO5A1), transcript variant 1, mRNA; gi|225637474|ref|NM\_001146009.1| Homo sapiens solute c

agen blood group) (SEMA7A), transcript variant 3, mRNA; gi|225637519|ref|NM\_001146029.1| Homo s

OR56A5), mRNA;

ate transporter), member 2 (SLC13A2), transcript variant 1, mRNA; gi|225637553|ref|NR\_027384.1| Hc

), mRNA;

transcript variant 1, mRNA; gi|225637563|ref|NM\_145910.3| Homo sapiens NIMA (never in mitosis ge

, transcript variant 2, mRNA; gi|225690496|ref|NM\_001146020.1| Homo sapiens tight junction associa

5690499|ref|NM\_032452.2| Homo sapiens junctophilin 4 (JPH4), transcript variant 1, mRNA;

mRNA; gi|225690530|ref|NR\_027397.1| Homo sapiens golgin, RAB6-interacting (GORAB), transcript va

), non-coding RNA;

, non-coding RNA;



, transcript variant 1, mRNA; gi|225703075|ref|NM\_153676.3| Homo sapiens Usher syndrome 1C (autosomal recessive) (SNCA), transcript variant 3, mRNA; gi|225690601|ref|NM\_001146054.1| Homo sapiens synuclein, alpha 7 (MBOAT7), transcript variant 3, mRNA; gi|225703078|ref|NM\_024298.3| Homo sapiens membrane

mRNA; gi|225703107|ref|NM\_001146071.1| Homo sapiens tudor domain containing 3 (TDRD3), transcript variant 2, mRNA; gi|157389004|ref|NM\_001748.4| Homo sapiens calpain 2, (m/II) large subunit (CAPN2), transcript variant 2, mRNA; gi|225703101|ref|NM\_001120.4| Homo sapiens major facilitator superfamily domain 2, methenyltetrahydrofolate cyclohydrolase (MTHFD2), transcript variant 3, non-coding RNA; gi|94111111|ref|NM\_001146071.1| Homo sapiens major facilitator superfamily domain 2, non-coding RNA;

non-coding RNA;

gene (LOC653653), non-coding RNA;

1), transcript variant 1, non-coding RNA;

2), non-coding RNA; gi|225703126|ref|NM\_181077.3| Homo sapiens golgin A8 family, member A (GOLGA8A), transcript variant 1, mRNA; gi|225703145|ref|NR\_027410.1| Homo sapiens golgin A8 family, member B (GOLGA8B), transcript variant 1, mRNA; gi|225703145|ref|NR\_027410.1| Homo sapiens golgin A8 family, member B (GOLGA8B), transcript variant 1, mRNA;

3139|ref|NM\_001146078.1| Homo sapiens claudin 14 (CLDN14), transcript variant 4, mRNA; gi|225703139|ref|NM\_001146078.1| Homo sapiens claudin 14 (CLDN14), transcript variant 4, mRNA;

;   
(MIP3), mRNA;

non-coding RNA;

: transcript variant 1, mRNA; gi|225735594|ref|NM\_001146076.1| Homo sapiens RNA polymerase II associated protein 1 (MIE1), transcript variant 6, mRNA; gi|225735608|ref|NM\_001077701.2| Homo sapiens melanin-concentrating hormone receptor 2A (MCH2R), transcript variant 3, mRNA; gi|225735621|ref|NM\_206889.2| Homo sapiens DIP2 disco-interact domain 1, non-coding RNA;

mRNA; gi|225690547|ref|NM\_000171.3| Homo sapiens glycine receptor, alpha 1 (GLRA1), transcript variant 1, non-coding RNA; gi|225690547|ref|NM\_000171.3| Homo sapiens glycine receptor, alpha 1 (GLRA1), transcript variant 1, non-coding RNA;

3, non-coding RNA; gi|225903383|ref|NM\_000054.4| Homo sapiens arginine vasopressin receptor 2 (AVPR2), transcript variant 1, non-coding RNA; gi|225903383|ref|NM\_000054.4| Homo sapiens arginine vasopressin receptor 2 (AVPR2), transcript variant 1, non-coding RNA;

ant 1, mRNA; gi|225903440|ref|NR\_027427.1| Homo sapiens TatD DNase domain containing 1 (TATDN1), transcript variant 1, non-coding RNA; gi|225903440|ref|NR\_027427.1| Homo sapiens TatD DNase domain containing 1 (TATDN1), transcript variant 1, non-coding RNA;

non-coding RNA;

non-coding RNA;

non-coding RNA;

1 (CYP51A1), transcript variant 2, mRNA; gi|168693652|ref|NM\_000786.3| Homo sapiens cytochrome P450 51A1 (CYP51A1), transcript variant 2, mRNA; gi|168693652|ref|NM\_000786.3| Homo sapiens cytochrome P450 51A1 (CYP51A1), transcript variant 2, mRNA;

transcript variant 1, non-coding RNA; gi|225903416|ref|NR\_027061.2| Homo sapiens family with sequence homology to the human protein 1 (FAM111A), transcript variant 1, non-coding RNA; gi|225903416|ref|NR\_027061.2| Homo sapiens family with sequence homology to the human protein 1 (FAM111A), transcript variant 1, non-coding RNA;

ipt variant 2, mRNA; gi|149999605|ref|NM\_006302.2| Homo sapiens mannosyl-oligosaccharide glucosyltransferase 1 (MOS1), transcript variant 2, mRNA; gi|149999605|ref|NM\_006302.2| Homo sapiens mannosyl-oligosaccharide glucosyltransferase 1 (MOS1), transcript variant 2, mRNA;

;   
variant b, mRNA; gi|225903435|ref|NM\_001143831.2| Homo sapiens glutamate receptor, metabotropic (GRM1), transcript variant 2, mRNA; gi|225903415|ref|NM\_002093.3| Homo sapiens glycogen synthase kinase 3 beta (GSK3B), transcript variant 1, mRNA; gi|225903415|ref|NM\_002093.3| Homo sapiens glycogen synthase kinase 3 beta (GSK3B), transcript variant 1, mRNA;

mRNA;

A; gi|226051633|ref|NM\_001146175.1| Homo sapiens zinc finger protein 414 (ZNF414), transcript variant 1, non-coding RNA; gi|226051633|ref|NM\_001146175.1| Homo sapiens zinc finger protein 414 (ZNF414), transcript variant 1, non-coding RNA;

RNA;  
ng RNA;  
49330), mRNA;  
NA; gi|226053168|ref|NM\_001146186.1| Homo sapiens paternally expressed 3 (PEG3), transcript vari  
ng RNA;

ase 5 pseudogene (LOC100288842), non-coding RNA;  
transcript variant 1, mRNA; gi|226246532|ref|NM\_001146188.1| Homo sapiens TOX high mobility grou

RNA; gi|226054870|ref|NM\_001146191.1| Homo sapiens myelin protein zero-like 1 (MPZL1), transcript  
, mRNA; gi|226056129|ref|NM\_001146109.1| Homo sapiens prostaglandin reductase 1 (PTGR1), trans  
t 2, non-coding RNA; gi|226061032|ref|NR\_027432.1| Homo sapiens uncharacterized LOC219347 (LOC  
;

ng RNA;  
ng RNA;  
variant 2, mRNA; gi|226061852|ref|NM\_001146171.1| Homo sapiens TatD DNase domain containing 3  
t variant 3, mRNA; gi|226246522|ref|NM\_014967.4| Homo sapiens FANCD2/FANCI-associated nucleas  
script variant 2, mRNA; gi|226246518|ref|NM\_032257.4| Homo sapiens zinc finger, MYND-type contain

ariant d, mRNA; gi|226246583|ref|NM\_001146206.1| Homo sapiens RAS guanyl releasing protein 4 (RA

ng RNA;  
B), mRNA;

l), transcript variant 1, mRNA; gi|226246614|ref|NR\_027450.1| Homo sapiens family with sequence sim  
pt variant 1, mRNA; gi|226246624|ref|NM\_001101417.3| Homo sapiens isoprenoid synthase domain c  
nRNA; gi|226246629|ref|NM\_001146218.1| Homo sapiens tryptophan rich basic protein (WRB), transc

;

;

246664|ref|NM\_001146226.1| Homo sapiens keratin 72 (KRT72), transcript variant 3, mRNA; gi|226246  
; gi|226246670|ref|NM\_001146227.1| Homo sapiens ribosomal protein S20 (RPS20), transcript variant

RNA; gi|226246679|ref|NM\_001146154.1| Homo sapiens prostaglandin reductase 2 (PTGR2), transcrip  
variant 2, mRNA; gi|226342864|ref|NM\_022771.4| Homo sapiens TBC1 domain family, member 15 (T

ng RNA;  
gi|226342932|ref|NM\_001146254.1| Homo sapiens podocan-like 1 (PODNL1), transcript variant 2, mRN  
on-coding RNA;  
t variant 1, mRNA; gi|226342940|ref|NM\_001146256.1| Homo sapiens zinc finger, DHHC-type containi  
ide-like 2 (APOBEC2), mRNA;  
ant 3, mRNA; gi|226342974|ref|NM\_018970.6| Homo sapiens G protein-coupled receptor 85 (GPR85),  
ie) pseudogene 3 (RRN3P3), non-coding RNA;

NA; gi|226342991|ref|NM\_001146172.1| Homo sapiens SLAM family member 9 (SLAMF9), transcript variant 1, non-coding RNA; gi|226371773|ref|NM\_001040.3| Homo sapiens sex hormone-binding globulin (SHBG) variant 2, mRNA; gi|226371616|ref|NM\_003136.3| Homo sapiens signal recognition particle 54kDa (SRP54) TCF7L2), transcript variant 5, mRNA; gi|309384262|ref|NM\_001198531.1| Homo sapiens transcription factor 1, mRNA; gi|226371634|ref|NR\_027391.1| Homo sapiens solute carrier family 15, member 3 (SLC15A3), mRNA; gi|226371635|ref|NM\_032188.2| Homo sapiens K(lysine) acetyltransferase 8 (KAT8), transcript variant 1, mRNA; gi|226371639|ref|NM\_001032221.3| Homo sapiens syntaxin binding protein 1 (STXBP1), transcript variant 2 (SAT2), mRNA;

RNA; gi|298676523|ref|NM\_001190417.1| Homo sapiens zinc finger protein 674 (ZNF674), transcript variant 1 (DLGAP5), transcript variant 2, mRNA; gi|226371666|ref|NM\_014750.4| Homo sapiens discs, large (Disck) 55A), mRNA; transcript variant 2, mRNA; gi|226371673|ref|NM\_001127371.2| Homo sapiens cell division cycle associated 7-like 1 (CDC7L1), mRNA;

9), transcript variant 6, mRNA; gi|226371709|ref|NM\_001146102.1| Homo sapiens poly (ADP-ribose) polymerase 1, mRNA; gi|226371722|ref|NM\_138782.2| Homo sapiens FCH domain only 2 (FCHO2), transcript variant 1, mRNA; gi|226371723|ref|NM\_001146102.1| Homo sapiens FCH domain only 2 (FCHO2), transcript variant 2, non-coding RNA; gi|343887357|ref|NM\_001243650.1| Homo sapiens glucose 6-phosphate dehydrogenase 1, transcript variant 2, mRNA; gi|226371730|ref|NM\_031463.4| Homo sapiens hydroxysteroid dehydrogenase like 1 (HSD17B12), transcript variant 1, mRNA;

ma (PIP4K2C), transcript variant 2, mRNA; gi|226371742|ref|NM\_001146260.1| Homo sapiens phosphatase 2 (SLC15A2), transcript variant 1, mRNA; gi|226371747|ref|NM\_001145998.1| Homo sapiens solute carrier family 15, member 3 (SLC15A3), mRNA;

, mRNA;

oding RNA;

ng RNA;

on-coding RNA;

6423887|ref|NM\_153604.2| Homo sapiens myocardin (MYOCD), transcript variant 2, mRNA; gi|226423926|ref|NM\_001146326.1| Homo sapiens zinc finger, imprinted 2 (ZIM2), transcript variant 1 (ZIM2B), mRNA;

ion-coding RNA;

[NADH-coenzyme Q reductase) (NDUFS3), nuclear gene encoding mitochondrial protein, mRNA;

gi|226423926|ref|NM\_001146326.1| Homo sapiens zinc finger, imprinted 2 (ZIM2), transcript variant 1 (ZIM2B), mRNA;

pt variant 4, mRNA; gi|226423946|ref|NM\_001146276.1| Homo sapiens neutral cholesterol ester hydrolase 1 (NCEH1), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|226437567|ref|NM\_001146276.1| Homo sapiens neutral cholesterol ester hydrolase 1 (NCEH1), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;

t 7, mRNA; gi|110227852|ref|NM\_001042470.1| Homo sapiens sulfatase modifying factor 2 (SUMF2), transcript variant 1, mRNA;

iant 2, mRNA; gi|226437585|ref|NM\_001009999.2| Homo sapiens lysine (K)-specific demethylase 1A (LSD1), transcript variant 1, mRNA;

anscript variant 2, mRNA; gi|226437593|ref|NM\_152406.2| Homo sapiens actin filament associated protein 1 (AFAP1), transcript variant 1, mRNA;

12B), mRNA;

ant 2, non-coding RNA; gi|373938466|ref|NM\_001256405.1| Homo sapiens lysine (K)-specific demethylase

ant 1, mRNA; gi|54112379|ref|NM\_001005366.1| Homo sapiens lysine (K)-specific demethylase 2B (KLF14), transcript variant 2, mRNA; gi|226442708|ref|NM\_001146627.1| Homo sapiens alanine-glyoxylate aminotransferase 1, mRNA;

iant 1, mRNA; gi|226442778|ref|NM\_001146688.1| Homo sapiens lysine (K)-specific demethylase 3A (KLF14), transcript variant 1, mRNA;

variant 4, mRNA; gi|226442892|ref|NM\_001146695.1| Homo sapiens lysine (K)-specific demethylase 4 (KLF14), transcript variant 4, mRNA; gi|226442962|ref|NM\_001146702.1| Homo sapiens lysine (K)-specific demethylase 5C (KLF14), transcript variant 5, mRNA; gi|226443001|ref|NM\_001146706.1| Homo sapiens lysine (K)-specific demethylase 5D (KLF14), transcript variant 6, mRNA; gi|226443027|ref|NM\_001146322.1| Homo sapiens GRAM domain containing 3 (GRAMD3), transcript variant 2, mRNA; gi|226443064|ref|NM\_138615.2| Homo sapiens DEAH (Asp-Glu-Ala-His) box polypeptide 1, transcript variant 2, mRNA; gi|363543329|ref|NM\_001254753.1| Homo sapiens abhydrolase domain containing 1, transcript variant 1, mRNA;

2 (TPPP2), mRNA;

int 1, mRNA; gi|226528967|ref|NM\_001158261.1| Homo sapiens coiled-coil domain containing 42 (CC1), transcript variant 1, mRNA;

int 1, mRNA; gi|226497653|ref|NM\_001146698.1| Homo sapiens RNA binding motif protein 19 (RBM19), transcript variant 1, mRNA;

(TIMD4), transcript variant 2, mRNA; gi|226529862|ref|NM\_138379.2| Homo sapiens T-cell immunoglobulin domain containing 1, transcript variant 2, mRNA;

: 3, mRNA; gi|226503973|ref|NM\_001146343.1| Homo sapiens PQ loop repeat containing 1 (PQLC1), transcript variant 1, mRNA;

ipt variant 1, mRNA; gi|226528145|ref|NM\_001146728.1| Homo sapiens HRAS-like suppressor family, transcript variant 1, mRNA; gi|226528418|ref|NM\_001153690.1| Homo sapiens short coiled-coil protein (SCOC), transcript variant 1, mRNA; gi|226693315|ref|NM\_001005356.2| Homo sapiens POTE ankyrin domain containing 1, transcript variant 1, mRNA; gi|226493511|ref|NM\_001156474.1| Homo sapiens coiled-coil domain containing 81 (CC1), transcript variant 1, mRNA;

mRNA; gi|226693317|ref|NM\_001159280.1| Homo sapiens adenosine deaminase-like (ADAL), transcript variant 1, mRNA;

;

ific) (ADAD1), transcript variant 2, mRNA; gi|226530770|ref|NM\_001159295.1| Homo sapiens adenosine deaminase-like (ADAD1), transcript variant 2, mRNA; gi|226529782|ref|NM\_032019.5| Homo sapiens histone deacetylase 10 (HDAC10), transcript variant 1, mRNA; gi|226529936|ref|NR\_027483.1| Homo sapiens triosephosphate isomerase 1 (TPI1), transcript variant 1, mRNA; gi|205360946|ref|NM\_022765.3| Homo sapiens MICAL domain containing 1 (MICAL1), transcript variant 2, mRNA;

; gi|226530749|ref|NM\_007250.4| Homo sapiens Kruppel-like factor 8 (KLF8), transcript variant 1, mRNA;

variant 1, mRNA; gi|226817315|ref|NM\_174919.3| Homo sapiens Rho GTPase activating protein 27 (AR

gene (FCGR1C), non-coding RNA;

ndent) (PLA2G4C), transcript variant 2, mRNA; gi|226693362|ref|NM\_001159323.1| Homo sapiens ph  
non-coding RNA;

transcript variant 3, mRNA; gi|226823231|ref|NM\_032044.3| Homo sapiens regenerating islet-derived fa

226874832|ref|NM\_001159391.1| Homo sapiens guanylate kinase 1 (GUK1), transcript variant 3, mRNA/  
ne/pseudogene) (FCGR2C), mRNA;

AS1), transcript variant 2, non-coding RNA; gi|254553471|ref|NR\_028082.1| Homo sapiens COL18A1 an  
oding mitochondrial protein, transcript variant 2, mRNA; gi|226958411|ref|NM\_002225.3| Homo sapie

26958546|ref|NM\_001159397.1| Homo sapiens Fc receptor-like 1 (FCRL1), transcript variant 2, mRNA;

mRNA; gi|226958573|ref|NM\_004841.3| Homo sapiens RAS protein activator like 2 (RASAL2), transcrip  
RNA;

Γ), transcript variant 1, mRNA; gi|226958667|ref|NM\_004107.4| Homo sapiens Fc fragment of IgG, rec

2, mRNA; gi|117414167|ref|NM\_207308.2| Homo sapiens nucleoporin 210kDa-like (NUP210L), transcr  
pseudogene 2 (MST1P2), non-coding RNA;

orter), member 2 (SLC28A2), mRNA;

RNA; gi|227116305|ref|NM\_001159545.1| Homo sapiens ret finger protein-like 2 (RFPL2), transcript v

1), transcript variant 3, mRNA; gi|288915534|ref|NM\_032045.4| Homo sapiens kringle containing trans  
ing RNA;

ef|NM\_182983.2| Homo sapiens hepsin (HPN), transcript variant 1, mRNA;

NN1A), transcript variant 3, mRNA; gi|227430285|ref|NM\_001038.5| Homo sapiens sodium channel, r

gi|223717957|ref|NM\_133493.3| Homo sapiens CD109 molecule (CD109), transcript variant 1, mRNA; gi

ear gene encoding mitochondrial protein, mRNA;

3YL1), transcript variant 2, mRNA; gi|227430335|ref|NM\_015677.2| Homo sapiens SH3 domain contain

mRNA; gi|227430412|ref|NM\_024827.3| Homo sapiens histone deacetylase 11 (HDAC11), transcript v

152378|ref|NM\_001159491.1| Homo sapiens brain protein I3 (BRI3), transcript variant 2, mRNA;

ant 1, mRNA; gi|227452410|ref|NM\_001159495.1| Homo sapiens barrier to autointegration factor 2 (B

mRNA;  
A;

.TP6V0D2), mRNA;  
RNA;  
TMT2), mRNA;

. mRNA; gi|227495697|ref|NR\_024548.1| Homo sapiens CGRP receptor component (CRCP), transcript \  
script variant 2, mRNA; gi|227496503|ref|NM\_001159644.1| Homo sapiens multiple C2 domains, trans

t variant 3, non-coding RNA; gi|227497577|ref|NR\_027499.1| Homo sapiens uncharacterized LOC1002  
, mRNA;  
( ), transcript variant 1, mRNA; gi|227498223|ref|NM\_001159387.1| Homo sapiens beta-1,4-N-acetyl-g  
(BEGAIN), transcript variant 2, mRNA; gi|227497883|ref|NM\_001159531.1| Homo sapiens brain-enrich  
variant 2, mRNA; gi|227498008|ref|NM\_001017979.2| Homo sapiens RAB28, member RAS oncogene f

, mRNA;  
( ), mRNA;  
rase 7 (B3GNT7), mRNA;  
(SLC27A2), transcript variant 1, mRNA; gi|227499620|ref|NM\_001159629.1| Homo sapiens solute carr  
on-coding RNA;  
ipt variant 1, mRNA; gi|205360942|ref|NM\_005656.3| Homo sapiens transmembrane protease, serine

nRNA;

mRNA; gi|228008284|ref|NM\_001012978.2| Homo sapiens brain expressed, X-linked 5 (BEX5), transcribed RNA;

, transcript variant 1, mRNA; gi|228008342|ref|NM\_001159642.1| Homo sapiens BCL2/adenovirus E1B

3 (LOC728640), non-coding RNA;

protein (SYNCRIP), transcript variant 2, mRNA; gi|228008397|ref|NM\_001159674.1| Homo sapiens synap

, mRNA; gi|228008408|ref|NM\_0207406.3| Homo sapiens BEN domain containing 4 (BEND4), transcript

non-coding RNA; gi|228480206|ref|NM\_001159700.1| Homo sapiens four and a half LIM domains 1 (FH  
(FH), transcript variant 1, non-coding RNA; gi|228480224|ref|NR\_024409.2| Homo sapiens four and a half  
(FHM), transcript variant 2, mRNA; gi|228480256|ref|NM\_017693.3| Homo sapiens basic, immunoglobulin  
binding RNA;

gi|291045137|ref|NM\_001173467.1| Homo sapiens Sp7 transcription factor (SP7), transcript variant 1, r  
de-like 3B (APOBEC3B), mRNA;

de-like 3C (APOBEC3C), mRNA;

transcript variant 1, mRNA; gi|229089136|ref|NM\_001159651.1| Homo sapiens biorientation of chromos

pt variant 2, mRNA; gi|229093315|ref|NM\_173542.3| Homo sapiens phospholipase B domain containi

A; gi|229331966|ref|NM\_018343.2| Homo sapiens RIO kinase 2 (yeast) (RIOK2), transcript variant 1, m

1576879|ref|NM\_016242.3| Homo sapiens endomucin (EMCN), transcript variant 1, mRNA;

transcript variant 3, mRNA; gi|229576872|ref|NM\_207102.2| Homo sapiens F-box and WD repeat do  
variant 1, mRNA; gi|229576990|ref|NM\_145245.3| Homo sapiens ecotropic viral integration site 5-like  
; gi|229577022|ref|NM\_024850.2| Homo sapiens butyrophilin-like 8 (BTNL8), transcript variant 1, mRN

ant 3, non-coding RNA; gi|229577149|ref|NR\_027639.1| Homo sapiens ADAM metallopeptidase doma

e, pseudogene (CMAHP), transcript variant 2, non-coding RNA; gi|146261999|ref|NR\_002174.2| Homo  
mRNA; gi|229577176|ref|NM\_032868.4| Homo sapiens MPN domain containing (MPND), transcript va  
A;

RNA; gi|229577235|ref|NM\_001159726.1| Homo sapiens translocator protein 2 (TSPO2), transcript var

A; gi|229577248|ref|NM\_001159861.1| Homo sapiens zinc finger protein 583 (ZNF583), transcript vari  
ant 2, mRNA; gi|229577269|ref|NM\_032725.3| Homo sapiens BUD13 homolog (S. cerevisiae) (BUD13)

mRNA; gi|229577314|ref|NM\_001159878.1| Homo sapiens zona pellucida binding protein (ZBPB), trar  
transcript variant 2, mRNA; gi|229577351|ref|NM\_001159747.1| Homo sapiens coiled-coil and C2 domain

non-coding RNA;

10 (FAM35B2), non-coding RNA;

11 (YROXD2), mRNA;

variant 2, mRNA; gi|229577397|ref|NM\_001159767.1| Homo sapiens basic leucine zipper and W2 dom

er 11 (SLC39A11), transcript variant 1, mRNA; gi|229577417|ref|NM\_139177.3| Homo sapiens solute c

rt 1, mRNA; gi|229577439|ref|NM\_001159772.1| Homo sapiens calcium activated nucleotidase 1 (CAN

variant 2, non-coding RNA; gi|229577435|ref|NM\_024063.2| Homo sapiens spermatogenesis associat

on-coding RNA; gi|229892215|ref|NR\_024124.2| Homo sapiens ATP1A1 opposite strand (ATP1A1OS),  
factor/vascular permeability factor receptor) (FLT1), transcript variant 1, mRNA; gi|229892299|ref|NM

3P3), non-coding RNA;

-acetylgalactosaminide alpha-2,6-sialyltransferase 3 (ST6GALNAC3), transcript variant 1, mRNA; gi|2298

nRNA; gi|229892307|ref|NM\_001160033.1| Homo sapiens shugoshin-like 2 (S. pombe) (SGOL2), transcr

i|229892327|ref|NM\_001160042.1| Homo sapiens IQ motif containing C (IQCC), transcript variant 1, m

, mRNA; gi|23065523|ref|NM\_006478.3| Homo sapiens growth arrest-specific 2 like 1 (GAS2L1), transcr  
{WD1), mRNA;

MB6), mRNA;

MB7), mRNA;

SMA6), mRNA;

SMA7), mRNA;

mRNA; gi|23110969|ref|NM\_152841.1| Homo sapiens Hermansky-Pudlak syndrome 4 (HPS4), transcri

pt variant 1, mRNA; gi|23110979|ref|NM\_152855.1| Homo sapiens immunoglobulin lambda-like polype

ptide 4 (KCNJ4), transcript variant 1, mRNA; gi|4826797|ref|NM\_004981.1| Homo sapiens potassium inward

S4A5), mRNA;

AS4A6E), mRNA;

.11027|ref|NM\_152244.1| Homo sapiens sorting nexin 11 (SNX11), transcript variant 1, mRNA;

.046|ref|NM\_152227.1| Homo sapiens sorting nexin 5 (SNX5), transcript variant 1, mRNA;

phila) (SFSWAP), mRNA;

!, mRNA; gi|231567103|ref|NM\_018473.3| Homo sapiens acyl-CoA thioesterase 13 (ACOT13), transcrip

9234|ref|NM\_001160100.1| Homo sapiens claudin 10 (CLDN10), transcript variant a\_v1, mRNA; gi|231

.69501|ref|NR\_027647.1| Homo sapiens lactoperoxidase (LPO), transcript variant 2, non-coding RNA; gi



variant 1, mRNA; gi|231571355|ref|NM\_001160111.1| Homo sapiens nitric oxide synthase 3 (endothe

iscript variant 1, mRNA; gi|23199968|ref|NM\_138810.2| Homo sapiens T-cell activation RhoGTPase act  
t 1, mRNA; gi|23199975|ref|NM\_152858.1| Homo sapiens Wilms tumor 1 associated protein (WTAP), t  
FRSF14), mRNA;

FRSF18), transcript variant 1, mRNA; gi|23238193|ref|NM\_148901.1| Homo sapiens tumor necrosis fa  
FRSF17), mRNA;

rt 1, mRNA; gi|23238199|ref|NM\_152222.1| Homo sapiens RELT tumor necrosis factor receptor (RELT)  
NFRSF13B), mRNA;  
FRSF21), mRNA;

), transcript variant 2, mRNA; gi|23238210|ref|NM\_152862.1| Homo sapiens actin related protein 2/3 (A  
), mRNA;

c homologous recombination (yeast) (DMC1), mRNA;  
(CHST7), mRNA;

), mRNA;

I domain containing 2 (TCEANC2), mRNA;

mRNA;

2), mRNA;

IFRSF1B), mRNA;

'EF1), transcript variant 3, mRNA; gi|23312373|ref|NM\_152224.1| Homo sapiens protein phosphatase,  
'EF2), mRNA;

l) and FAM7A (family with sequence similarity 7A, exons A-E) fusion (CHRFAM7A), transcript variant 2, m

A;

), mRNA;

ke 2 (EMR2), transcript variant 6, mRNA; gi|23397684|ref|NM\_152917.1| Homo sapiens egf-like modu  
;  
RNA;

LL), mRNA;

ransporter 11) (SLC16A11), mRNA;

*S. cerevisiae*) (SPC25), mRNA;

23510357|ref|NM\_153005.1| Homo sapiens RIO kinase 1 (yeast) (RIOK1), transcript variant 2, mRNA;

er 1 (SLC22A1), transcript variant 2, mRNA; gi|23510408|ref|NM\_003057.2| Homo sapiens solute carrier

), mRNA;

), mRNA;

NA; gi|33620721|ref|NM\_182645.2| Homo sapiens vestigial like 2 (*Drosophila*) (VGLL2), transcript vari

NA;

RNA;

RNA;

; gi|236460817|ref|NR\_027653.1| Homo sapiens Kruppel-like factor 6 (KLF6), transcript variant D, non-member 5 (KCNQ5), transcript variant 5, mRNA; gi|236461613|ref|NM\_019842.3| Homo sapiens potassium channel protein 2, transcript variant 2, mRNA; gi|236463163|ref|NM\_001039706.2| Homo sapiens chromosome 7 open reading frame 100, transcript variant 1, mRNA; gi|236461508|ref|NM\_001159995.1| Homo sapiens neuregulin 1 (NRG1), transcript variant HRG-1, transcript variant 1, mRNA; gi|236465583|ref|NR\_027654.1| Homo sapiens SMAD family member 6 (SMAD6), transcript variant 1, transcript variant 1, mRNA;

RNA; gi|237512948|ref|NM\_006524.2| Homo sapiens zinc finger protein 138 (ZNF138), transcript variant 1, transcript variant 1, mRNA; gi|237512948|ref|NM\_006524.2| Homo sapiens zinc finger protein 138 (ZNF138), transcript variant 1, transcript variant 1, mRNA; gi|83267862|ref|NM\_012214.4| Homo sapiens glucosyltransferase, isozyme A (MGAT4A), transcript variant 2, mRNA; gi|83267862|ref|NM\_012214.4| Homo sapiens glucosyltransferase, isozyme B (MGAT4B), transcript variant 1, mRNA; gi|237512967|ref|NM\_054013.3| Homo sapiens histamine receptor H4 (HRH4), transcript variant 1, transcript variant 1, mRNA; gi|219842329|ref|NM\_021624.3| Homo sapiens histamine receptor H4 (HRH4), transcript variant 1, transcript variant 1, mRNA; gi|237648960|ref|NM\_001160047.1| Homo sapiens thioredoxin domain containing 16 (TXNIP), transcript variant 1, transcript variant 1, mRNA; gi|237649011|ref|NM\_001159936.1| Homo sapiens EBNA1 binding protein 2 (EBNA1BP2), transcript variant 1, transcript variant 1, mRNA; gi|237649011|ref|NM\_001159936.1| Homo sapiens EBNA1 binding protein 2 (EBNA1BP2), transcript variant 1, transcript variant 1, mRNA; gi|237649047|ref|NM\_004597.5| Homo sapiens small nuclear ribonucleoprotein D (SNRPD2), transcript variant 2, transcript variant 2, mRNA; gi|237649047|ref|NM\_004597.5| Homo sapiens small nuclear ribonucleoprotein D (SNRPD2), transcript variant 2, transcript variant 2, mRNA; gi|254750700|ref|NR\_027671.2| Homo sapiens UDP-glucose glycoprotein 4 (UGT4), transcript variant 1, transcript variant 1, mRNA;

transcript variant 1, transcript variant 1, mRNA; gi|237649110|ref|NM\_001160037.1| Homo sapiens Rho-related BTB domain containing 1 (RBBP1), transcript variant 5, transcript variant 5, mRNA; gi|237649123|ref|NM\_001160172.1| Homo sapiens N-acetyltransferase 1 (NAT1), transcript variant 1, transcript variant 1, mRNA; gi|237649120|ref|NM\_018363.3| Homo sapiens renalase, FAD-dependent amine oxidase, transcript variant 1, transcript variant 1, mRNA; gi|237681064|ref|NM\_033181.3| Homo sapiens cannabinoid receptor 1 (brain) (CNR1), transcript variant 6, non-coding RNA; gi|237681084|ref|NM\_015833.3| Homo sapiens adenosine deaminase, RNAi target 1 (ADA1), transcript variant 3, transcript variant 3, mRNA; gi|237681107|ref|NM\_000701.7| Homo sapiens ATPase, Na<sup>+</sup>/K<sup>+</sup> transporting, transcript variant 1, transcript variant 1, mRNA; gi|237681118|ref|NM\_007300.3| Homo sapiens breast cancer 1, early onset (BRCA1), transcript variant 1, transcript variant 1, mRNA; gi|237681195|ref|NM\_001160264.1| Homo sapiens FEZ family zinc finger 1 (FEZF1), transcript variant 1, transcript variant 1, mRNA;

transcript variant 1, non-coding RNA; gi|237681206|ref|NR\_027687.1| Homo sapiens long intergenic non-coding RNA, transcript variant 2, transcript variant 2, mRNA; gi|119943097|ref|NM\_000110.3| Homo sapiens dihydropyrimidine dehydrogenase (DHPD), transcript variant 1, transcript variant 1, mRNA; gi|237858598|ref|NR\_027692.1| Homo sapiens PHD finger protein 1 (PHF1), transcript variant 3, non-coding RNA;

nRNA; gi|94721238|ref|NM\_013417.2| Homo sapiens isoleucyl-tRNA synthetase (IARS), transcript vari  
757311|ref|NM\_001160302.1| Homo sapiens synaptojanin 1 (SYNJ1), transcript variant 3, mRNA; gi|23

inscript variant 3, mRNA; gi|238624192|ref|NM\_145029.3| Homo sapiens chromosome 6 open reading F2BP1), transcript variant 2, mRNA; gi|56237026|ref|NM\_006546.3| Homo sapiens insulin-like growth (SOWAHD), mRNA;

transcript variant 3, mRNA; gi|238859657|ref|NM\_001136037.2| Homo sapiens LIM and senescent ce

ant 1, mRNA; gi|238814303|ref|NM\_005291.2| Homo sapiens G protein-coupled receptor 17 (GPR17),  
ranscript variant 2, non-coding RNA; gi|238814321|ref|NM\_001034173.3| Homo sapiens aldehyde de  
, nuclear gene encoding mitochondrial protein, transcript variant P5CDhS, mRNA; gi|238859540|ref|NM

FX1), mRNA;

2 (ACTR3BP2), non-coding RNA;

gene (OR7E5P), non-coding RNA;

nRNA;

, mRNA; gi|238859619|ref|NR\_027762.1| Homo sapiens RNA binding motif protein 34 (RBM34), trans

phoinositide binding specific) member 4 (PLEKHA4), transcript variant 2, mRNA; gi|238859650|ref|NM\_  
ant 2, non-coding RNA; gi|238859654|ref|NM\_022492.4| Homo sapiens tetratricopeptide repeat doma  
, pseudogene (CEACAM22P), non-coding RNA;  
;

coiled-coil domains) member 1 (PLEKHD1), mRNA;

ef|NM\_144777.2| Homo sapiens sciellin (SCEL), transcript variant 1, mRNA; gi|238908500|ref|NM\_00:  
LR3B), transcript variant 2, mRNA; gi|238908502|ref|NM\_018082.5| Homo sapiens polymerase (RNA) I  
(RD1), mRNA;

anulocyte-macrophage) (CSF2RA), transcript variant 1, mRNA; gi|238908514|ref|NM\_001161529.1| Hc  
A;

gene (OR5E1P), non-coding RNA;

ene 1 (PIP5K1P1), non-coding RNA;

iant 1, mRNA; gi|239046742|ref|NM\_001161407.1| Homo sapiens Nedd4 family interacting protein 2 (  
A), mRNA;

elix 2 (SOHLH2), mRNA;

iant 3, mRNA; gi|239047413|ref|NM\_018984.3| Homo sapiens slingshot homolog 1 (Drosophila) (SSH1  
7 (PLEKHA7), mRNA;

, mRNA;

nolog F (avian) (MAFF), transcript variant 3, mRNA; gi|239048296|ref|NM\_012323.3| Homo sapiens v-  
ubiquitin protein ligase (CHFR), transcript variant 1, mRNA; gi|239048861|ref|NM\_001161345.1| Homo  
;

4E3), nuclear gene encoding mitochondrial protein, transcript variant 3, mRNA; gi|62420879|ref|NM\_0  
; gi|239049445|ref|NM\_015122.2| Homo sapiens FCH domain only 1 (FCHO1), transcript variant 2, mF  
on-coding RNA; gi|239049506|ref|NM\_002103.4| Homo sapiens glycogen synthase 1 (muscle) (GYS1),

.00289196), mRNA; gi|310115248|ref|XM\_003120035.1| PREDICTED: Homo sapiens hypothetical prote  
66), mRNA; gi|239754801|ref|XM\_001714957.2| PREDICTED: Homo sapiens hypothetical protein LOC

mRNA;

variant 1, mRNA; gi|239582713|ref|NM\_005824.2| Homo sapiens leucine rich repeat containing 17 (LRFB), mRNA;

;

MYC), mRNA;

IA;

H4A), transcript variant 2, mRNA; gi|239582733|ref|NM\_001010892.2| Homo sapiens radial spoke head

it 1, mRNA; gi|239582742|ref|NM\_145000.3| Homo sapiens RAN binding protein 3-like (RANBP3L), tra

t variant 1, mRNA; gi|239582758|ref|NM\_001161585.1| Homo sapiens chromosome 9 open reading fr

3L3), transcript variant 1, mRNA; gi|239582762|ref|NM\_001035223.2| Homo sapiens ral guanine nucle

, non-coding RNA; gi|239582768|ref|NM\_020707.3| Homo sapiens hedgehog acyltransferase-like (HHA

P1), non-coding RNA;

16 pseudogene 1 (NUDT16P1), transcript variant 2, non-coding RNA; gi|239735499|ref|NR\_027766.1| I  
A;

IA; gi|239735606|ref|NM\_145283.2| Homo sapiens nucleoredoxin-like 2 (NXNL2), transcript variant 2,

9735521|ref|NM\_001130160.2| Homo sapiens storkhead box 1 (STOX1), transcript variant 4, mRNA; g

e (LOC100132831), non-coding RNA;

574|ref|NM\_001161683.1| Homo sapiens otoancorin (OTOA), transcript variant 3, mRNA; gi|77404408

variant 2, mRNA; gi|239735585|ref|NM\_001161563.1| Homo sapiens TRAF2 and NCK interacting kinase (T  
t 1, mRNA; gi|239735593|ref|NM\_001161342.1| Homo sapiens transmembrane protein 171 (TMEM17

!)), mRNA;

nt 1, mRNA; gi|239735597|ref|NM\_001161575.1| Homo sapiens leucine rich repeat containing 36 (LRF

.00287437), mRNA;

.00288037), mRNA;

.00130921), mRNA; gi|239753148|ref|XM\_001725085.2| PREDICTED: Homo sapiens hypothetical prote

.00287387), mRNA; gi|341914459|ref|XM\_003403761.1| PREDICTED: Homo sapiens hypothetical prote

!601-like (LOC729724), mRNA;

!601-like (LOC729706), mRNA;

!601-like (LOC729711), mRNA;

L-like (LOC402207), mRNA;

.00289379), mRNA; gi|341914595|ref|XM\_003403782.1| PREDICTED: Homo sapiens hypothetical prote

, mRNA; gi|239754232|ref|XM\_001718537.2| PREDICTED: Homo sapiens glucosaminyl (N-acetyl) trans

!16), mRNA; gi|239754448|ref|XM\_001718826.2| PREDICTED: Homo sapiens hypothetical protein LOC

.00287493), mRNA; gi|310115561|ref|XM\_003120092.1| PREDICTED: Homo sapiens hypothetical prote

RNA;

188|ref|XM\_001715154.2| PREDICTED: Homo sapiens hemicentin 2 (HMCN2), mRNA;  
 1A; gi|310109951|ref|XM\_003119462.1| PREDICTED: Homo sapiens protein artemis-like (LOC10028915  
 .00127946), mRNA;  
 132), mRNA; gi|239756000|ref|XM\_001720173.2| PREDICTED: Homo sapiens hypothetical protein LOC  
 .OC100129307), mRNA; gi|239756025|ref|XM\_001716021.2| PREDICTED: Homo sapiens UPF0607 prot  
 , transcript variant 2 (LOC653125), mRNA; gi|341915716|ref|XM\_003118652.2| PREDICTED: Homo sa  
 .00287367), mRNA; gi|310113273|ref|XM\_003119703.1| PREDICTED: Homo sapiens hypothetical prote  
 2-like (LOC729458), mRNA; gi|341914909|ref|XM\_003403847.1| PREDICTED: Homo sapiens methyl-Cp  
 .00130589), mRNA; gi|239757514|ref|XM\_001722807.2| PREDICTED: Homo sapiens hypothetical prote  
 e (LOC100132900), mRNA;  
 e (LOC100132705), mRNA;  
 ed, member 8 (FAM197Y8), mRNA;  
 ed, member 7 (FAM197Y7), mRNA;  
 ed, member 6 (FAM197Y6), mRNA;  
 ed, member 4 (FAM197Y4), mRNA;  
 ed, member 1 (FAM197Y1), mRNA;  
 3079), mRNA; gi|341914249|ref|XM\_003403717.1| PREDICTED: Homo sapiens 60S ribosomal protein L  
 3), mRNA; gi|341914500|ref|XM\_003403769.1| PREDICTED: Homo sapiens zinc finger protein 717-like,  
  
 .OC100131107), mRNA; gi|239741330|ref|XM\_001718255.2| PREDICTED: Homo sapiens UPF0607 prot  
 .00292909), mRNA;  
 '60), mRNA; gi|239741746|ref|XM\_295058.6| PREDICTED: Homo sapiens hypothetical protein LOC339  
 .00128869), mRNA;  
 .92), mRNA; gi|239745241|ref|XM\_496078.4| PREDICTED: Homo sapiens hypothetical protein LOC440  
 thrombospondin motifs 7-like (LOC100291699), mRNA;  
 ipt variant 1 (LOC100134267), mRNA;  
 19orf68), mRNA; gi|239746325|ref|XM\_001713770.2| PREDICTED: Homo sapiens chromosome 19 ope  
 .00291689), mRNA;  
 5), mRNA;  
 30B-like (LOC100292922), mRNA;  
 34409), mRNA;  
 86), mRNA;  
 IC100134091), mRNA;  
 A; gi|239787083|ref|NM\_001161500.1| Homo sapiens zinc finger protein 611 (ZNF611), transcript vari  
 it 2, mRNA; gi|239787091|ref|NM\_024309.3| Homo sapiens TNFAIP3 interacting protein 2 (TNIP2), tra  
 rRNA; gi|239787103|ref|NM\_173530.2| Homo sapiens zinc finger protein 610 (ZNF610), transcript vari  
 ript variant 2, non-coding RNA; gi|239787135|ref|NR\_027768.1| Homo sapiens dpy-19-like 2 pseudog  
 r transcript variant 2, mRNA; gi|239787152|ref|NM\_001195.3| Homo sapiens beaded filament structural  
 in, transcript variant 1, mRNA; gi|239787197|ref|NM\_001161706.1| Homo sapiens frataxin (FXN), nucl  
 mRNA; gi|239787751|ref|NM\_001161441.1| Homo sapiens SH2 domain containing 2A (SH2D2A), trans  
 C1A), transcript variant 1, mRNA; gi|239787763|ref|NM\_001161581.1| Homo sapiens POC1 centriolar  
 ant 2, mRNA; gi|239787776|ref|NM\_032531.3| Homo sapiens kin of IRRE like 3 (Drosophila) (KIRREL3),  
 ript variant 2, mRNA; gi|166706886|ref|NM\_030786.2| Homo sapiens syncoilin, intermediate filament  
 2), mRNA;  
 lgalactosamine dual transporter), member D1 (SLC35D1), mRNA;  
 ; gi|239787837|ref|NM\_017746.3| Homo sapiens testis expressed 10 (TEX10), transcript variant 1, mR  
 5), transcript variant 1, non-coding RNA; gi|239787877|ref|NR\_027776.1| Homo sapiens postmeiotic s

cript variant 1, mRNA; gi|239787898|ref|NR\_027779.1| Homo sapiens tubulin tyrosine ligase-like famil  
ariant 1, mRNA; gi|239787905|ref|NR\_027780.1| Homo sapiens HMG box domain containing 4 (HMGX1  
, mRNA;

PLA2G2A), transcript variant 2, mRNA; gi|239915981|ref|NM\_000300.3| Homo sapiens phospholipase

ig RNA;

; gi|241666460|ref|NM\_000368.4| Homo sapiens tuberous sclerosis 1 (TSC1), transcript variant 1, mRNA; gi|241666466|ref|NR\_027862.1| Homo sapiens histone acetyltransferase 1 (HAT1), transcript vari

script variant 3, mRNA; gi|241896874|ref|NM\_001161454.1| Homo sapiens cytochrome b, ascorbate d  
anscript variant 2, non-coding RNA; gi|241896897|ref|NM\_017565.3| Homo sapiens family with seque  
anscript variant 1, mRNA; gi|241896925|ref|NM\_001161440.1| Homo sapiens protein tyrosine phosph  
A; gi|241896932|ref|NM\_001161476.1| Homo sapiens WD repeat domain 25 (WDR25), transcript varia  
ariant 1, mRNA; gi|241982688|ref|NM\_001162491.1| Homo sapiens ADP-ribosylation factor-like 13A (/  
ariant 2, mRNA; gi|241982698|ref|NM\_005767.5| Homo sapiens lysophosphatidic acid receptor 6 (LPAR  
ve) (CAND2), transcript variant 1, mRNA; gi|241982710|ref|NM\_012298.2| Homo sapiens cullin-associ  
t variant 1, mRNA; gi|148491079|ref|NM\_015088.2| Homo sapiens trinucleotide repeat containing 6B (/  
NA;

t 1, mRNA; gi|241982750|ref|NM\_001162505.1| Homo sapiens transmembrane protein 189 (TMEM18  
ipt variant 1, mRNA; gi|241982784|ref|NM\_001035247.2| Homo sapiens ubiquitin fusion degradation :  
; gi|241982792|ref|NM\_005542.4| Homo sapiens insulin induced gene 1 (INSIG1), transcript variant 1,

cript variant 2, mRNA; gi|241982803|ref|NM\_020161.3| Homo sapiens chromosome 2 open reading fr  
l), member 4 (KCNH4), mRNA;

35A), transcript variant 3, mRNA; gi|242117943|ref|NM\_020819.4| Homo sapiens family with sequenci  
nRNA; gi|242117952|ref|NM\_001162530.1| Homo sapiens SH3 domain containing 21 (SH3D21), transc  
on-coding RNA;

), mRNA;

non-coding RNA;

on-coding RNA;

ant 1, mRNA; gi|242117991|ref|NM\_001008662.2| Homo sapiens cysteine conjugate-beta lyase 2 (CCI  
21B), mRNA;

ion-coding RNA;

oding RNA;

ariant 2, mRNA; gi|242246953|ref|NM\_000844.3| Homo sapiens glutamate receptor, metabotropic 7 (G

script variant 3, non-coding RNA; gi|68563516|ref|NM\_001025233.1| Homo sapiens chronic lymphocyt  
nRNA; gi|242247000|ref|NM\_001835.3| Homo sapiens clathrin, heavy chain-like 1 (CLTCL1), transcript  
variant 2, mRNA;

cript variant 2, mRNA; gi|242247050|ref|NM\_001162536.2| Homo sapiens RNA binding motif protein,  
) (COX11), nuclear gene encoding mitochondrial protein, transcript variant 3, mRNA; gi|242247067|ref  
, mRNA; gi|237649107|ref|NR\_027633.1| Homo sapiens bromodomain containing 9 (BRD9), transcript  
, mRNA;

script variant delta, mRNA; gi|242247126|ref|NM\_178040.2| Homo sapiens ELKS/RAB6-interacting/CA

nt 3, mRNA; gi|242247250|ref|NM\_001161661.1| Homo sapiens WW and C2 domain containing 1 (WV  
oding RNA;

42332499|ref|NM\_001162894.1| Homo sapiens KIAA0040 (KIAA0040), transcript variant 3, mRNA; gi|2  
, non-coding RNA;



riant 2, mRNA; gi|244792861|ref|NM\_145316.3| Homo sapiens transmembrane protein 217 (TMEM21

) (TYW3), transcript variant 2, mRNA; gi|242332556|ref|NM\_138467.2| Homo sapiens tRNA-yW synthe

anscript variant 2, mRNA; gi|34328906|ref|NM\_058246.3| Homo sapiens DnaJ (Hsp40) homolog, subfa  
lic domain, (semaphorin) 6D (SEMA6D), transcript variant 3, mRNA; gi|312222666|ref|NM\_001198999.

JA;

.), mRNA;

ar gene encoding mitochondrial protein, mRNA;

NA; gi|195972904|ref|NM\_001130968.1| Homo sapiens zinc finger protein 385A (ZNF385A), transcript  
rRNA;

mRNA;

evisiae) (RMI2), mRNA;

ce (VAT1L), mRNA;

), mRNA;

INA;

!), mRNA;

ling mitochondrial protein, mRNA;

variant 2, mRNA; gi|24371240|ref|NM\_024630.2| Homo sapiens zinc finger, DHHC-type containing 14

GALNACT2), mRNA;

V3), transcript variant 2, mRNA; gi|24430133|ref|NM\_018973.3| Homo sapiens dolichyl-phosphate ma

gi|24430148|ref|NM\_153485.1| Homo sapiens nucleoporin 155kDa (NUP155), transcript variant 1, mR  
PSMC1), mRNA;

PSMC4), transcript variant 2, mRNA; gi|24430156|ref|NM\_006503.2| Homo sapiens proteasome (prosome), mRNA; gi|24430162|ref|NM\_153321.1| Homo sapiens peripheral myelin protein 22 (PMP22), transcript variant 1, mRNA;

mRNA;  
RNA;

er 8 (XKR8), mRNA;

A;

iber 14 (SLC2A14), mRNA;

NA;

(LGR5), mRNA;

.), mRNA;

t 2, mRNA;

gi|46255060|ref|NM\_032379.3| Homo sapiens synaptotagmin-like 2 (SYTL2), transcript variant b, mRNA; gi|46255060|ref|NM\_032379.3| Homo sapiens synaptotagmin-like 2 (SYTL2), transcript variant b, mRNA;

:C12), transcript variant 1, mRNA; gi|16506825|ref|NM\_033329.1| Homo sapiens sialic acid binding Ig-like protein 2, transcript variant 1, mRNA; gi|16506825|ref|NM\_033329.1| Homo sapiens sialic acid binding Ig-like protein 2, transcript variant 1, mRNA;

2, mRNA; gi|5031784|ref|NM\_005535.1| Homo sapiens interleukin 12 receptor, beta 1 (IL12RB1), transcript variant 1, mRNA;

number 2 (KCNC2), transcript variant 2, mRNA; gi|24497457|ref|NM\_153748.1| Homo sapiens potassium channel, member 2 (KCNC2), transcript variant 2, mRNA; gi|24497457|ref|NM\_153748.1| Homo sapiens potassium channel, member 2 (KCNC2), transcript variant 2, mRNA;

1 (KCNJ1), transcript variant 1, mRNA; gi|24497470|ref|NM\_153766.1| Homo sapiens potassium channel, member 1 (KCNJ1), transcript variant 1, mRNA; gi|24497470|ref|NM\_153766.1| Homo sapiens potassium channel, member 1 (KCNJ1), transcript variant 1, mRNA;

member 11 (SLC22A11), mRNA;

member 12 (SLC22A12), transcript variant 2, mRNA; gi|24497484|ref|NM\_144585.2| Homo sapiens solute carrier family 22, member 12 (SLC22A12), transcript variant 2, mRNA; gi|24497484|ref|NM\_144585.2| Homo sapiens solute carrier family 22, member 12 (SLC22A12), transcript variant 2, mRNA;

porter), member 3 (SLC22A3), mRNA;

porter), member 4 (SLC22A4), mRNA;

;

13100|ref|NR\_003084.1| Homo sapiens homeobox C5 (HOXC5), transcript variant 2, non-coding RNA;

RNA; gi|24497561|ref|NM\_033159.2| Homo sapiens hyaluronoglucosaminidase 1 (HYAL1), transcript variant 1, mRNA; gi|24497561|ref|NM\_033159.2| Homo sapiens hyaluronoglucosaminidase 1 (HYAL1), transcript variant 1, mRNA;

t variant beta, mRNA; gi|24497592|ref|NM\_003792.2| Homo sapiens endothelial differentiation-relate

1), mRNA;

, mRNA; gi|247301333|ref|NM\_001163023.1| Homo sapiens polo-like kinase 1 substrate 1 (PLK1S1), ti

1, mRNA; gi|24797087|ref|NM\_002617.3| Homo sapiens peroxisomal biogenesis factor 10 (PEX10), tr

ant 2, mRNA; gi|24797096|ref|NM\_006907.2| Homo sapiens pyrroline-5-carboxylate reductase 1 (PYC

3YR), transcript variant 6, mRNA; gi|24797115|ref|NM\_153769.1| Homo sapiens calcium binding tyrosi

3 (KCNJ3), mRNA;

5 (KCNJ5), mRNA;

oding mitochondrial protein, mRNA;

6 (KCNJ6), mRNA;

8 (KCNJ8), mRNA;

9 (KCNJ9), mRNA;

'), nuclear gene encoding mitochondrial protein, mRNA;

, mRNA; gi|25121991|ref|NM\_138962.2| Homo sapiens musashi homolog 2 (Drosophila) (MSI2), trans

RNA;

5), transcript variant 1, mRNA; gi|251823729|ref|NM\_001163079.1| Homo sapiens cat eye syndrome c

A;

ng RNA;

IA;

;  
encoding mitochondrial protein, mRNA;

encoding mitochondrial protein, transcript variant 2, mRNA; gi|25306279|ref|NM\_032380.3| Homo sap

mRNA;

(ANKRD20A9P), non-coding RNA;

VA; gi|253314452|ref|NM\_001163125.1| Homo sapiens RAD52 motif 1 (RDM1), transcript variant 7, m

VA; gi|253314537|ref|NM\_005161.4| Homo sapiens apelin receptor (APLNR), transcript variant 1, mRN

683434|ref|NM\_001163151.1| Homo sapiens ets variant 1 (ETV1), transcript variant 6, mRNA; gi|2536  
 mRNA;  
 ant 5, non-coding RNA; gi|253735742|ref|NR\_028025.1| Homo sapiens CREB/ATF bZIP transcription fa  
 n-like 2 (ITPRIPL2), transcript variant 1, mRNA; gi|253735748|ref|NR\_028028.1| Homo sapiens inositol  
 32078489|ref|NM\_001206744.1| Homo sapiens thyroid peroxidase (TPO), transcript variant 6, mRNA; g  
 \RHGEF2), transcript variant 2, mRNA; gi|253735771|ref|NM\_004723.3| Homo sapiens Rho/Rac guanin  
 ), mRNA;  
 480|ref|NM\_001163257.1| Homo sapiens plexin B3 (PLXNB3), transcript variant 2, mRNA;  
 A), transcript variant 5, mRNA; gi|253795487|ref|NM\_001163258.1| Homo sapiens family with sequen  
 ranscript variant 1, mRNA; gi|253795515|ref|NM\_001163265.1| Homo sapiens phosphate cytidyltr  
 ling RNA;  
  
 \;  
  
 variant 1, mRNA; gi|253970401|ref|NR\_028040.1| Homo sapiens GATS, stromal antigen 3 opposite str  
  
 iant 3, non-coding RNA; gi|187960068|ref|NM\_001127323.1| Homo sapiens glutamate receptor, meta  
  
 l domain containing 1 (ELFN1), mRNA;  
 pt variant 1, non-coding RNA; gi|253970422|ref|NR\_028043.1| Homo sapiens IGF2 antisense RNA (nor  
  
 nscript variant 1, mRNA; gi|253970447|ref|NM\_014253.3| Homo sapiens odz, odd Oz/ten-m homolog  
 mRNA; gi|253970455|ref|NM\_001163280.1| Homo sapiens HIV-1 Tat specific factor 1 (HTATSF1), trans  
 RAP1), non-coding RNA;  
  
  
 S2), transcript variant 2, mRNA; gi|253970487|ref|NM\_018677.3| Homo sapiens acyl-CoA synthetase s  
 riant 1, mRNA; gi|253970497|ref|NM\_005243.3| Homo sapiens Ewing sarcoma breakpoint region 1 (E  
 ariant 1, non-coding RNA; gi|74316003|ref|NM\_001033088.1| Homo sapiens neugrin, neurite outgrow  
 5), mRNA;  
 , transcript variant 6, mRNA; gi|254028230|ref|NM\_017490.3| Homo sapiens MAP/microtubule affinity  
 variant 3, mRNA; gi|254028235|ref|NM\_000142.4| Homo sapiens fibroblast growth factor receptor 3 (  
 4, non-coding RNA; gi|254028261|ref|NR\_028050.1| Homo sapiens MTERF domain containing 2 (MTER  
  
 RNA;  
 ntaining 1 (PLCXD1), transcript variant 2, non-coding RNA; gi|254039597|ref|NM\_018390.3| Homo sap  
 pseudogene (LOC100132832), non-coding RNA;  
 3), non-coding RNA;  
 /ariant 1, mRNA; gi|290542337|ref|NR\_033357.1| Homo sapiens progressive rod-cone degeneration (P  
 it variant 2, mRNA; gi|34147467|ref|NM\_033626.2| Homo sapiens coiled-coil domain containing 120 (C  
 JA;  
 variant 2, non-coding RNA; gi|254039636|ref|NM\_181453.3| Homo sapiens GRIP and coiled-coil doma  
 gi|254039649|ref|NM\_001163335.1| Homo sapiens synaptotagmin-like 5 (SYTL5), transcript variant 2, i  
 A;

(ITIH6), mRNA;

A;

variant 4, non-coding RNA; gi|33598928|ref|NM\_003693.2| Homo sapiens scavenger receptor class F, r  
on-coding RNA;

transcript variant 1, mRNA; gi|254281233|ref|NR\_028077.1| Homo sapiens zinc finger and SCAN dom

ogene (OR4N3P), non-coding RNA;

cript variant 2, mRNA; gi|254281333|ref|NM\_017659.3| Homo sapiens glutaminyl-peptide cyclotransf

ipt variant 2, mRNA; gi|254281336|ref|NM\_032846.3| Homo sapiens RAB2B, member RAS oncogene f  
2), mRNA;

mRNA;

t 2, mRNA; gi|25453480|ref|NM\_170723.1| Homo sapiens chromodomain protein, Y-linked, 1 (CDY1),

n-coding RNA; gi|254039591|ref|NM\_032946.2| Homo sapiens nuclear RNA export factor 5 (NXF5), tra

72A), transcript variant 2, mRNA; gi|254540112|ref|NR\_028080.1| Homo sapiens family with sequence

t 2, mRNA; gi|19923882|ref|NM\_138336.1| Homo sapiens myeloma overexpressed 2 (MYEOV2), trans  
A;

AM41AY1), non-coding RNA;

AM41AY2), non-coding RNA;

RNA; gi|254540177|ref|NR\_028085.1| Homo sapiens UFM1-specific peptidase 2 (UFSP2), transcript var

A; gi|223941942|ref|NM\_016352.3| Homo sapiens carboxypeptidase A4 (CPA4), transcript variant 1, m  
;

iant 1, non-coding RNA; gi|254553265|ref|NR\_028093.1| Homo sapiens lipoprotein, Lp(a)-like 2, pseuc

RNA; gi|254553270|ref|NM\_152557.4| Homo sapiens zinc finger protein 746 (ZNF746), transcript vari  
nRNA;

ariant 4, non-coding RNA; gi|254553338|ref|NR\_028100.1| Homo sapiens DDB1 and CUL4 associated f

91807115|ref|NM\_033506.2| Homo sapiens F-box protein 24 (FBXO24), transcript variant 1, mRNA; gi|

RNA;

t 2, non-coding RNA; gi|254553430|ref|NM\_025264.4| Homo sapiens THUMP domain containing 2 (TH

iant 2, mRNA; gi|254553445|ref|NM\_015604.3| Homo sapiens DDB1 and CUL4 associated factor 4 (DC

iant 1, mRNA; gi|254553487|ref|NR\_028103.1| Homo sapiens DDB1 and CUL4 associated factor 8 (DC/

nt 2, mRNA; gi|254553501|ref|NM\_001163437.1| Homo sapiens TBC1 domain containing kinase (TBC/

n-like 1 (ITPRIP1), transcript variant 2, mRNA; gi|254587899|ref|NM\_001163523.1| Homo sapiens inc  
L1), mRNA;

gi|254587989|ref|NM\_001163545.1| Homo sapiens synergin, gamma (SYNRG), transcript variant 5, ml

t variant 1, non-coding RNA; gi|254588008|ref|NR\_028119.1| Homo sapiens uncharacterized LOC1001

r 1 (SERPINC1), mRNA;

2-oxo-glutarate complex) (DLST), nuclear gene encoding mitochondrial protein, transcript variant 1, mR/

t variant 2, mRNA; gi|254675142|ref|NM\_001163561.1| Homo sapiens chromosome 2 open reading fr  
RNA;

A2), mRNA;  
component, homolog (S. cerevisiae) (CDC73), mRNA;

NA; gi|254692875|ref|NM\_021914.7| Homo sapiens cofilin 2 (muscle) (CFL2), transcript variant 1, mRNA;  
transcript variant 1, mRNA; gi|117956386|ref|NM\_025063.2| Homo sapiens chromosome 1 open reading  
925|ref|NM\_001144060.1| Homo sapiens NHS-like 1 (NHSL1), transcript variant 2, mRNA;  
NA; gi|25470885|ref|NM\_018959.2| Homo sapiens DAZ associated protein 1 (DAZAP1), transcript variant  
olar RNA;  
cleolar RNA;  
ubfamily M beta member 3 (KCNMB3), transcript variant 2, mRNA; gi|25952094|ref|NM\_014407.3| Ho

RNA; gi|254750646|ref|NM\_003030.4| Homo sapiens short stature homeobox 2 (SHOX2), transcript variant

on-coding RNA;  
on-coding RNA;  
RNA; gi|302129690|ref|NM\_001193536.1| Homo sapiens dedicator of cytokinesis 8 (DOCK8), transcript  
variant 1, non-coding RNA; gi|254750685|ref|NM\_001145297.2| Homo sapiens exocyst complex component 7  
NA;

nRNA;  
'2GP), non-coding RNA;

ACC1), transcript variant 3, mRNA; gi|170763516|ref|NM\_006283.2| Homo sapiens transforming, acidic

t variant 1, non-coding RNA; gi|225703042|ref|NR\_027412.1| Homo sapiens uncharacterized LOC1001

;

;

on-coding RNA;

;

;

!P), non-coding RNA;

l), transcript variant 1, non-coding RNA; gi|223890248|ref|NR\_026899.1| Homo sapiens Rho GTPase act

DML2), mRNA;

RNA; gi|254826754|ref|NR\_028136.1| Homo sapiens kalirin, RhoGEF kinase (KALRN), transcript variant

NA;

l), mRNA;

ant 5, mRNA; gi|227496210|ref|NM\_005244.4| Homo sapiens eyes absent homolog 2 (Drosophila) (EY.

cleolar RNA;

;

transcript variant 3, mRNA; gi|254911036|ref|NM\_001162495.2| Homo sapiens chromosome 21 open re  
mRNA;

script variant 2, mRNA; gi|254911076|ref|NM\_012309.3| Homo sapiens SH3 and multiple ankyrin repe  
(DLGAP4), transcript variant 3, mRNA; gi|254911094|ref|NM\_014902.4| Homo sapiens discs, large (Dri



IA;  
transcript variant 1, mRNA; gi|255918191|ref|NM\_001164160.1| Homo sapiens protein phosphatase 6  
ng RNA;  
ng RNA;

58281|ref|NM\_005817.4| Homo sapiens perilipin 3 (PLIN3), transcript variant 1, mRNA; gi|255958288|

transcript variant 2, mRNA; gi|255982613|ref|NM\_003587.4| Homo sapiens DEAH (Asp-Glu-Ala-His) box  
cript variant 3, mRNA; gi|256000756|ref|NM\_017847.5| Homo sapiens chromosome 1 open reading fr  
260763978|ref|NM\_001166133.1| Homo sapiens Fraser syndrome 1 (FRAS1), transcript variant 2, mRN  
BTPS2), mRNA;  
ng RNA;

ng RNA;  
ng RNA;  
ng RNA;  
351), mRNA;  
.TBP3), transcript variant 2, mRNA; gi|256017123|ref|NM\_001164266.1| Homo sapiens latent transfor

2, mRNA; gi|256017142|ref|NM\_001164269.1| Homo sapiens RAD51 homolog (S. cerevisiae) (RAD51),  
;  
; gi|256017152|ref|NM\_001164271.1| Homo sapiens deleted in liver cancer 1 (DLC1), transcript variar  
A; gi|256017158|ref|NM\_001080541.2| Homo sapiens MAX gene associated (MGA), transcript variant  
ding RNA;  
in containing 1 (LRCH1), transcript variant 1, mRNA; gi|256017179|ref|NM\_001164213.1| Homo sapie  
RNA;  
mRNA;  
I9A), mRNA;

;  
ng RNA;

t variant 3, non-coding RNA; gi|256017225|ref|NR\_028339.1| Homo sapiens uncharacterized LOC1001  
: 3, mRNA; gi|256017246|ref|NM\_001164232.1| Homo sapiens DDHD domain containing 2 (DDHD2), tr  
L4D), mRNA;  
L4F), mRNA;  
L4B), mRNA;  
L4C), mRNA;  
6|ref|NM\_013227.3| Homo sapiens aggrecan (ACAN), transcript variant 2, mRNA;

ter), member 4 (SLC37A4), transcript variant 3, mRNA; gi|256219482|ref|NM\_001164277.1| Homo sap  
;



56B), transcript variant 1, mRNA; gi|307746911|ref|NM\_001099951.2| Homo sapiens family with sequ

56222410|ref|NM\_001164317.1| Homo sapiens filamin B, beta (FLNB), transcript variant 1, mRNA; gi|2

A;

int 2, non-coding RNA; gi|256222613|ref|NR\_028344.1| Homo sapiens uncharacterized LOC286411 (RF  
coding RNA;

A;

5P), transcript variant 4, non-coding RNA; gi|82799478|ref|NM\_153681.2| Homo sapiens phosphatidyli  
ng RNA;

3622), non-coding RNA;

non-coding RNA;

ng RNA;

89083797|ref|NM\_000260.3| Homo sapiens myosin VIIA (MYO7A), transcript variant 1, mRNA; gi|189C

;

CCNB1IP1), transcript variant 4, mRNA; gi|33519437|ref|NM\_182851.1| Homo sapiens cyclin B1 intera  
A), mRNA;

30B), mRNA;

STAU2), transcript variant 4, mRNA; gi|256419004|ref|NM\_001164385.1| Homo sapiens staufen, RNA

RNA;

RNA;

RNA; gi|256542311|ref|NM\_016424.4| Homo sapiens LUC7-like 3 (S. cerevisiae) (LUC7L3), transcript v  
nRNA;

2), mRNA;

, mRNA;

, mRNA;

NA; gi|256542305|ref|NM\_001164410.1| Homo sapiens cyclin-dependent kinase 5 (CDK5), transcript v  
1, non-coding RNA; gi|256574771|ref|NR\_028358.1| Homo sapiens transmembrane protein 30C (TME

59B), mRNA;

A;  
RNA;

C), transcript variant 2, mRNA; gi|256574834|ref|NM\_001164458.1| Homo sapiens ARP3 actin-related  
(MS4A12), transcript variant 1, mRNA; gi|256600189|ref|NM\_001164470.1| Homo sapiens membrane-  
, transcript variant 2, mRNA; gi|256600203|ref|NM\_001164390.1| Homo sapiens Rap guanine nucleot  
ript variant 1, mRNA; gi|256600207|ref|NM\_001164313.1| Homo sapiens zinc finger and BTB domain c  
iRNA;

-coding RNA;

iRNA;  
RNA;

1, mRNA; gi|256600248|ref|NM\_207342.2| Homo sapiens STEAP family member 1B (STEAP1B), transc  
l (SREBF1), transcript variant 1, mRNA; gi|256665251|ref|NM\_004176.4| Homo sapiens sterol regulato  
A; gi|256773177|ref|NM\_001164267.1| Homo sapiens WD repeat domain 46 (WDR46), transcript varia

cleolar RNA;  
, non-coding RNA;  
R1L1), mRNA;  
R1L6), mRNA;  
cript variant 1, mRNA; gi|256773202|ref|NM\_001164478.1| Homo sapiens chromosome 5 open readir  
on-coding RNA;

;  
70B), mRNA;  
ASIC4), mRNA;  
3 (yeast) (TIMM8B), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|25677:  
t variant 3, mRNA; gi|256773267|ref|NM\_001164489.1| Homo sapiens ADAM metallopeptidase domai  
ear gene encoding mitochondrial protein, mRNA;  
; gi|283046687|ref|NM\_001164373.1| Homo sapiens GPN-loop GTPase 3 (GPN3), transcript variant 3,

st) (IMP3), mRNA;  
iRNA; gi|256818772|ref|NM\_018338.3| Homo sapiens WD repeat domain 52 (WDR52), transcript varia  
mRNA; gi|197209825|ref|NM\_032504.1| Homo sapiens unc-80 homolog (C. elegans) (UNC80), transcr  
it variant 2, mRNA; gi|256818779|ref|NM\_001040284.2| Homo sapiens PAP associated domain contain  
t 2, mRNA; gi|256818790|ref|NM\_017698.2| Homo sapiens transmembrane protein 164 (TMEM164), i  
rt factor 1 (EIF4ENIF1), transcript variant 3, mRNA; gi|256818795|ref|NM\_001164501.1| Homo sapiens  
S9), transcript variant 1, mRNA; gi|256818816|ref|NM\_001017956.2| Homo sapiens osteosarcoma arr

RNA; gi|256818826|ref|NM\_001164356.1| Homo sapiens THAP domain containing 4 (THAP4), transcript variant 7 (TMED7), mRNA;

RNA;

transcript variant 2, mRNA; gi|257470982|ref|NM\_022740.4| Homo sapiens homeodomain interacting protein variant 2, mRNA; gi|256985157|ref|NM\_177403.4| Homo sapiens RAB7B, member RAS oncogene family member 6 (SLC5A6), transcript variant 2, non-coding RNA; gi|256985182|ref|NM\_021095.2| Homo sapiens

;

;

transcript 5, non-coding RNA; gi|257153363|ref|NR\_028393.1| Homo sapiens TSNAX-DISC1 readthrough (TSNAX)

7 (CEACAM7), mRNA;

;

transcript h, mRNA; gi|61742824|ref|NM\_001012957.1| Homo sapiens disrupted in schizophrenia 1 (DISC1), transcript variant 1, non-coding RNA;

transcript variant 1, mRNA; gi|257195177|ref|NM\_001164603.1| Homo sapiens additional sex combs like 1 (Drosophila) transcript variant 1, mRNA; gi|257195180|ref|NM\_014164.5| Homo sapiens FXYD domain containing 1

RNA;

transcript L (PIEZO1), mRNA;

transcript containing 1 (IGFN1), mRNA;

transcript variant 1, non-coding RNA; gi|257196271|ref|NR\_028411.1| Homo sapiens long intergenic non-coding

transcript variant 1, mRNA; gi|257467481|ref|NM\_001164623.1| Homo sapiens eukaryotic translation initiation factor 4E binding protein 1 (EIF4G1), transcript variant 1, non-coding RNA;

mRNA;

gi|257467546|ref|NM\_173627.3| Homo sapiens endonuclease V (ENDOV), transcript variant 1, mRNA; gi|257467547|ref|NM\_173627.3| Homo sapiens endonuclease V (ENDOV), transcript variant 1, non-coding RNA;

RNA;

transcript variant 1, mRNA; gi|257467592|ref|NM\_138980.2| Homo sapiens mitogen-activated protein kinase 10

; gi|257467611|ref|NM\_001164646.1| Homo sapiens surfactant protein A1 (SFTPA1), transcript variant 1 (FRANK1), mRNA;

transcript variant 1, mRNA; gi|66773343|ref|NM\_199181.2| Homo sapiens suppressor of glucose, autophagy-inducing member 4 (MAST4), transcript variant 3, mRNA; gi|257467646|ref|NM\_015183.2| Homo sapiens microtubule-binding protein 1 (MTBP1), transcript variant 1, non-coding RNA;

gi|257467651|ref|NM\_020910.2| Homo sapiens KIAA1549 (KIAA1549), transcript variant 1, mRNA; gi|257467679|ref|NM\_001164673.1| Homo sapiens docking protein 7 (DOK7), transcript variant 2, mRNA;

transcript 2, mRNA; gi|257470976|ref|NM\_001164675.1| Homo sapiens sulfatase modifying factor 1 (SUMF1), transcript variant 1, non-coding RNA;

;

transcript ant 3, non-coding RNA; gi|257470990|ref|NR\_028412.1| Homo sapiens apolipoprotein C-I pseudogene 1 (APOC1P1), non-coding RNA; gi|257470983|ref|NM\_003436.3| Homo sapiens zinc finger protein 135 (ZNF135), transcript variant 1, non-coding RNA;

transcript A; gi|257471000|ref|NM\_001164616.1| Homo sapiens frizzled family receptor 6 (FZD6), transcript variant 1, non-coding RNA; gi|257471007|ref|NM\_001164618.1| Homo sapiens glypican 3 (GPC3), transcript variant 3, mRNA; gi|257471009|ref|NM\_001164619.1| Homo sapiens glypican 3 (GPC3), transcript variant 3, non-coding RNA;

30|ref|NM\_004543.4| Homo sapiens nebulin (NEB), transcript variant 3, mRNA; gi|257743022|ref|NM\_004543.4| Homo sapiens nebulin (NEB), transcript variant 2, mRNA; gi|257743049|ref|NM\_001837.3| Homo sapiens chemokine (C-C motif) receptor 3 (CCR3), transcript variant 2, mRNA; gi|257743263|ref|NM\_001164687.1| Homo sapiens thymocyte selection associated (TSA), transcript variant 1, mRNA; gi|212275922|ref|NM\_183059.2| Homo sapiens retinal degeneration 3 (RD3), transcript variant 1, mRNA

!58614026|ref|NM\_001164777.1| Homo sapiens ataxin 3 (ATXN3), transcript variant j, mRNA; gi|25861

;   
 (NA; gi|259013565|ref|NM\_024122.4| Homo sapiens apolipoprotein O (APOO), transcript variant 1, mRNA;   
 coding RNA; gi|259013567|ref|NR\_028494.1| Homo sapiens LYR motif containing 2 (LYRM2), transcript variant 1 (CA13), mRNA;   
 (STCP1), non-coding RNA;   
 mRNA; gi|259089413|ref|NM\_170663.4| Homo sapiens misshapen-like kinase 1 (MINK1), transcript variant 1 (L6B), mRNA;

mRNA;   
 mRNA;   
 |259089431|ref|NM\_013243.3| Homo sapiens secretogranin III (SCG3), transcript variant 1, mRNA;   
 2 (SPSB2), transcript variant 1, mRNA; gi|226423902|ref|NM\_001146316.1| Homo sapiens splanchnin 2 (SPSB2), transcript variant 1, mRNA; gi|259089436|ref|NM\_016462.3| Homo sapiens transmembrane protein 14C (TMEM14

(VACA2), mRNA;   
 (ABCC10), transcript variant MRP7A, mRNA; gi|312176402|ref|NM\_001198934.1| Homo sapiens ATP-binding cassette, subfamily A, member 10 (ABCC10), transcript variant MRP7A, mRNA; gi|25914753|ref|NM\_170784.1| Homo sapiens McKusick-Kaufman syndrome (MKKS), transcript variant 1, mRNA;

; mRNA; gi|259155329|ref|NM\_001002020.2| Homo sapiens pseudouridylate synthase 1 (PUS1), transcript variant 1, mRNA; gi|259155301|ref|NM\_001165412.1| Homo sapiens nucleosome assembly factor 1 (NFKB1), transcript variant 1, mRNA; gi|259155307|ref|NM\_181886.2| Homo sapiens ubiquitin-conjugating enzyme E2D 3 (UBC3), member 11 (SLC25A11), nuclear gene encoding mitochondrial protein, transcript variant 3 (A);   
 transcript variant 1, non-coding RNA; gi|259155323|ref|NR\_028505.1| Homo sapiens MIR22 host gene (non-protein coding), transcript variant 1, non-coding RNA;

transcript variant 2, mRNA; gi|89257347|ref|NM\_005515.3| Homo sapiens motor neuron and pancreas homeobox 2 (MNP2), transcript variant 2, mRNA; gi|259490225|ref|NM\_080759.4| Homo sapiens dachshund homolog 1 (Drosophila) (DACH1), transcript variant 1, mRNA;

mRNA; gi|259490338|ref|NM\_001165886.1| Homo sapiens zinc finger protein 268 (ZNF268), transcript variant 1, non-coding RNA;   
 transcript variant 1, non-coding RNA;

member 5 (KCNA5), mRNA;   
 member 7 (KCNA7), mRNA;   
 family S, member 3 (KCNS3), mRNA;

plexin, subunit G2 (ATP5L2), nuclear gene encoding mitochondrial protein, mRNA;   
 transcript variant 4, mRNA; gi|190341058|ref|NM\_014977.3| Homo sapiens apoptotic chromatin condensation factor 1 (ACCF1), transcript variant 1, mRNA; gi|259906084|ref|NM\_001164821.1| Homo sapiens DDB1 and CUL4 associated factor 1 (DCAF1), transcript variant 1, mRNA;

gi|259906400|ref|NM\_016579.3| Homo sapiens CD320 molecule (CD320), transcript variant 1, mRNA;   
 (PART1), transcript variant 2, non-coding RNA; gi|218931207|ref|NR\_024617.1| Homo sapiens prosaposin (PART1), transcript variant 1, mRNA; gi|118197269|ref|NM\_001037866.1| Homo sapiens RANBP2-like and GRIP domain containing protein 1 (TNFRSF10A), mRNA;

;   
   
 ng mitochondrial protein, mRNA;

encoding mitochondrial protein, mRNA;

RNA; gi|260447064|ref|NM\_001166038.1| Homo sapiens zinc finger protein 260 (ZNF260), transcript variant 1, mRNA; gi|342187232|ref|NM\_001165975.2| Homo sapiens phosphodiesterase 1B, c.36920|ref|NM\_198538.3| Homo sapiens suprabasin (SBSN), transcript variant 2, mRNA; gi|260436921|ref|NM\_001165975.2| Homo sapiens phosphodiesterase 1B, transcript variant 2, mRNA; gi|26051221|ref|NM\_054020.2| Homo sapiens cation channel, sperm associated 2 (CA

nRNA; gi|372266193|ref|NM\_001256283.1| Homo sapiens endothelin receptor type A (EDNRA), transcr  
593662|ref|NM\_001166056.1| Homo sapiens peptidase D (PEPD), transcript variant 2, mRNA; gi|2605  
3), transcript variant b, mRNA; gi|260593675|ref|NM\_001037.4| Homo sapiens sodium channel, voltag  
rRNA; gi|260593680|ref|NM\_201636.2| Homo sapiens thromboxane A2 receptor (TBXA2R), transcript  
A; gi|260593682|ref|NM\_000824.4| Homo sapiens glycine receptor, beta (GLRB), transcript variant 1,  
A), transcript variant 2, mRNA; gi|260593687|ref|NM\_005261.3| Homo sapiens GTP binding protein ov

, nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|62198231|ref|NM\_000195

l) (HMGCS2), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|260656027|ref|NM\_006702.4| Homo sapiens patatin-like phospholipase 46, transcript variant 1, mRNA; gi|260656035|ref|NM\_006702.4| Homo sapiens patatin-like phospholipase

Variant 3, mRNA; gi|260656056|ref|NM\_001166119.1| Homo sapiens lymphoid enhancer-binding factor  
t 2, non-coding RNA; gi|260656058|ref|NR\_029373.1| Homo sapiens uncharacterized LOC641518 (LOC  
taining 1 (GDPD1), transcript variant 2, mRNA; gi|260763875|ref|NM\_182569.3| Homo sapiens glycerol  
phosphate 3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha pseudogene) (SRD5A1P1), non-coding RNA;

gi|260763920|ref|NM\_003275.3| Homo sapiens tropomodulin 1 (TMOD1), transcript variant 1, mRNA;

iscript variant 1, mRNA; gi|260763965|ref|NM\_001083907.2| Homo sapiens B-cell scaffold protein with



3, mRNA; gi|260763961|ref|NM\_033516.5| Homo sapiens tumor protein D52-like 3 (TPD52L3), transcr  
:) (EME1), transcript variant 1, mRNA; gi|260764006|ref|NM\_152463.2| Homo sapiens essential meioti

PR4), transcript variant 2, mRNA; gi|261278365|ref|NM\_014839.4| Homo sapiens lipid phosphate phosphatase 1, transcript variant 5, mRNA; gi|261278363|ref|NM\_001061.4| Homo sapiens thromboxane A synthase 1 (platelet-type), non-coding RNA; gi|261278364|ref|NM\_001166220.1| Homo sapiens T-box 20 (TBX20), transcript variant 2, mRNA;

nt variant 1, mRNA; gi|261337160|ref|NM\_001166260.1| Homo sapiens thyroid hormone receptor inte  
TBP1), transcript variant 2, mRNA; gi|261337170|ref|NM\_001166265.1| Homo sapiens latent transfor

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nt 2, mRNA; gi|261337187|ref|NM_001166271.1| Homo sapiens spermatogenesis associated 13 (SPAT
nscript variant 3, mRNA; gi|261399873|ref|NM_001009570.2| Homo sapiens chaperonin containing TC
;
;
;
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activation protein, epsilon polypeptide pseudogene (LOC649395), non-coding RNA;  
30658|ref|NM\_033157.3| Homo sapiens caldesmon 1 (CALD1), transcript variant 3, mRNA; gi|2614906  
: variant 2, mRNA; gi|261490682|ref|NM\_006994.4| Homo sapiens butyrophilin, subfamily 3, member  
GX), transcript variant 2, mRNA; gi|261490707|ref|NM\_001166304.1| Homo sapiens phosphatidylinos

nt 2, mRNA; gi|261490716|ref|NM\_001166306.1| Homo sapiens transmembrane protein 44 (TMEM44  
;

UQCR11), nuclear gene encoding mitochondrial protein, mRNA;

RNA;  
;  
;  
ng RNA;

iscript variant 2, mRNA; gi|261599041|ref|NM\_001166345.1| Homo sapiens MyoD family inhibitor domain protein ligase (MARCH1), transcript variant 1, mRNA; gi|261823978|ref|NM\_017923.3| Homo sapiens patched 2 (PTCH2), transcript variant 1, mRNA; gi|261824029|ref|NM\_002405.3| Homo sapiens patched 2 (PTCH2), transcript variant 3, non-coding RNA; gi|261824038|ref|NM\_001166270.1| Homo sapiens HAUS augmin-like complex, subunit 2, mRNA; gi|261862234|ref|NM\_021120.3| Homo sapiens discs, large homolog 3 (Drosophila) (DLG), non-coding RNA;

1AP2K4P1), non-coding RNA;

MT2), transcript variant 5, mRNA; gi|261862349|ref|NM\_001166358.1| Homo sapiens serine hydroxylase (HSD17B1) (PAN2), transcript variant 1, mRNA; gi|261878448|ref|NM\_001166279.1| Homo sapiens PTPN22, transcript variant 3, mRNA; gi|261878453|ref|NM\_005592.3| Homo sapiens muscle, skeletal, receptor tyrosine kinase (RYK), transcript variant 1, mRNA; gi|261878460|ref|NM\_001166287.1| Homo sapiens RGM domain family, member A (RGSX2IP), transcript variant 3, mRNA; gi|261878468|ref|NM\_014021.3| Homo sapiens synovial sarcoma,

cript variant 1, mRNA; gi|261878480|ref|NM\_001166301.1| Homo sapiens DEAH (Asp-Glu-Ala-His) box variant 1, mRNA; gi|261878484|ref|NM\_001166387.1| Homo sapiens melanoma antigen family A, 12 (t 3, mRNA; gi|261878489|ref|NM\_001166401.1| Homo sapiens melanoma antigen family A, 8 (MAGEA

261878492|ref|NM\_024736.6| Homo sapiens gasdermin D (GSDMD), transcript variant 1, mRNA;

78506|ref|NM\_001166246.1| Homo sapiens heparanase 2 (HPSE2), transcript variant 4, mRNA; gi|261.2), mRNA;

se (EHHADH), transcript variant 2, mRNA; gi|261878537|ref|NM\_001966.3| Homo sapiens enoyl-CoA, l it 2, mRNA; gi|261878541|ref|NM\_001003927.2| Homo sapiens ecotropic viral integration site 2A (EVI: lear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|261878563|ref|NM\_00116626 A; gi|261878585|ref|NR\_029427.1| Homo sapiens WD repeat domain 13 (WDR13), transcript variant 3, nhibiting activity polypeptide 2 (GNAI2), transcript variant 2, mRNA; gi|49574535|ref|NM\_002070.2| H

(ITI4), transcript variant 1, mRNA; gi|262050537|ref|NM\_001166449.1| Homo sapiens inter-alpha-tr 050545|ref|NM\_001166451.1| Homo sapiens kininogen 1 (KNG1), transcript variant 3, mRNA; gi|2620

nscrip variant 2, mRNA; gi|262050671|ref|NM\_022138.2| Homo sapiens SPARC related modular calci

., non-coding RNA; gi|262072983|ref|NR\_029435.1| Homo sapiens uncharacterized LOC379025 (FLJ31: id transporter 1) (SLC16A1), transcript variant 2, mRNA; gi|115583684|ref|NM\_003051.3| Homo sapien t 1, non-coding RNA; gi|262073046|ref|NR\_029449.1| Homo sapiens uncharacterized LOC255411 (LOC de (ADH7), transcript variant 2, mRNA; gi|262073057|ref|NM\_001166504.1| Homo sapiens alcohol de h RNA; gi|262073091|ref|NM\_001166419.1| Homo sapiens histone deacetylase 8 (HDAC8), transcript vai 262118208|ref|NM\_006123.4| Homo sapiens iduronate 2-sulfatase (IDS), transcript variant 2, mRNA; g ;

X7A2), transcript variant 2, non-coding RNA; gi|262118226|ref|NM\_001865.3| Homo sapiens cytochro oding RNA;

anscript variant 2, mRNA; gi|262118258|ref|NM\_001166461.1| Homo sapiens membrane protein, paln rRNA; rRNA;

nRNA; gi|262118329|ref|NM\_205840.2| Homo sapiens leukocyte specific transcript 1 (LST1), transcrip

; RNA; gi|262205167|ref|NM\_152748.3| Homo sapiens KIAA1324-like (KIAA1324L), transcript variant 2,

a, 58kDa (EIF2B3), transcript variant 1, mRNA; gi|262205272|ref|NM\_001166588.1| Homo sapiens euk





ise 4 (CHST4), transcript variant 2, mRNA; gi|262205902|ref|NM\_005769.2| Homo sapiens carbohydrat

A; gi|262205664|ref|NM\_001166392.1| Homo sapiens trophoblast glycoprotein (TPBG), transcript vari







cript variant 1, mRNA; gi|262206074|ref|NM\_001166349.1| Homo sapiens solute carrier family 26, me





:ranscript variant 1, mRNA; gi|262205532|ref|NR\_029431.1| Homo sapiens DnaJ (Hsp40) homolog, sub

|ref|NR\_029467.1| Homo sapiens selectin L (SELL), transcript variant 2, non-coding RNA;

A; gi|262231738|ref|NM\_052968.4| Homo sapiens apolipoprotein A-V (APOA5), transcript variant 1, mRNA;  
gi|262231742|ref|NM\_001088.2| Homo sapiens aralkylamine N-acetyltransferase (AAAT);  
gi|262231783|ref|NM\_002441.4| Homo sapiens mutS homolog 5 (E. coli) (MSH5), transcript variant  
1, mRNA; gi|262231790|ref|NM\_001166624.1| Homo sapiens complement factor H-related 3 (CFHR3)  
N-acetylglucosaminyl transferase (OGT), transcript variant 2, mRNA; gi|262231790|ref|NCBI\_SeqData:  
5 (S. cerevisiae) (DCUN1D5), mRNA;

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B

revisiae) (RER1), mRNA;

nsript variant 2, non-coding RNA; gi|262263430|ref|NM\_003093.2| Homo sapiens small nuclear ribon

variant 3, non-coding RNA; gi|262263325|ref|NM\_021210.4| Homo sapiens trafficking protein particle  
oding RNA;

26kDa (EIF2B1), mRNA;

;

variant 1, mRNA; gi|300797427|ref|NM\_001193283.1| Homo sapiens leucine, glutamate and lysine ric

ranscript variant 1, mRNA; gi|262263437|ref|NM\_001166664.1| Homo sapiens CD244 molecule, natur  
P3A7), mRNA;

ia (SNAPC2), transcript variant 1, mRNA; gi|262331520|ref|NR\_030717.1| Homo sapiens small nuclear  
(NPM1), transcript variant 2, mRNA; gi|262331543|ref|NM\_002520.6| Homo sapiens nucleophosmin (  
, transcript variant 2, mRNA; gi|262331564|ref|NM\_019099.4| Homo sapiens family with sequence sin  
IA; gi|262331569|ref|NM\_016729.2| Homo sapiens folate receptor 1 (adult) (FOLR1), transcript variant  
RNA;

1, mRNA; gi|157168358|ref|NM\_005935.2| Homo sapiens AF4/FMR2 family, member 1 (AFF1), transci

isporter), member 3 (SLC1A3), transcript variant 3, mRNA; gi|262359913|ref|NM\_001166695.1| Homo

;

|262359938|ref|NM\_201631.3| Homo sapiens transglutaminase 5 (TGM5), transcript variant 1, mRNA;

04B), transcript variant 3, mRNA; gi|262359944|ref|NM\_138362.3| Homo sapiens family with sequence  
nRNA; gi|262359969|ref|NM\_001122769.2| Homo sapiens Leber congenital amaurosis 5 (LCA5), trans  
52359972|ref|NM\_018977.3| Homo sapiens neuroligin 3 (NLGN3), transcript variant 2, mRNA; gi|26235  
|262399359|ref|NM\_003318.4| Homo sapiens TTK protein kinase (TTK), transcript variant 1, mRNA;  
imine), member 3 (SLC6A3), mRNA;

riant 2, mRNA; gi|262399370|ref|NM\_001130924.2| Homo sapiens transmembrane protein 201 (TMEI  
member 7 (TRPC7), transcript variant 1, mRNA; gi|262399378|ref|NM\_001167577.1| Homo sapiens trar  
ant 2, mRNA; gi|262399381|ref|NM\_014848.4| Homo sapiens synaptic vesicle glycoprotein 2B (SV2B), i  
L (SLC34A1), transcript variant 2, mRNA; gi|262399380|ref|NM\_003052.4| Homo sapiens solute carrier  
2, mRNA; gi|284005320|ref|NM\_005777.2| Homo sapiens RNA binding motif protein 6 (RBM6), transc  
pt variant 1, mRNA; gi|292658777|ref|NM\_001174157.1| Homo sapiens zinc finger and AT hook domai

cript variant 2, mRNA; gi|262527222|ref|NM\_024828.3| Homo sapiens chromosome 9 open reading fr

395728|ref|NM\_000308.2| Homo sapiens cathepsin A (CTSA), transcript variant 1, mRNA; gi|18916348

mRNA; gi|262527243|ref|NM\_172209.2| Homo sapiens TAP binding protein (tapasin) (TAPBP), transci

P1), mRNA;

27264|ref|NM\_001167600.1| Homo sapiens sialidase 4 (NEU4), transcript variant 3, mRNA; gi|262527:

script variant 1, mRNA; gi|262527282|ref|NM\_199121.2| Homo sapiens von Willebrand factor A domain 3, mRNA; gi|262527287|ref|NM\_001136032.2| Homo sapiens kallikrein-related peptidase 11 (KLK11), mRNA; gi|262527294|ref|NM\_002596.3| Homo sapiens cyclin-dependent kinase 18 (CDK18), transcript variant 1, mRNA; gi|189083783|ref|NM\_000405.4| Homo sapiens GM2 ganglioside activator (GM2A), transcript variant 1, mRNA; gi|263190665|ref|NM\_001167608.1| Homo sapiens rhomboid domain containing 1 (RHBD1), transcript variant 5, non-coding RNA; gi|263191185|ref|NR\_030726.1| Homo sapiens regulator of chromosome segregation (MLH1), transcript variant 2, mRNA; gi|263191732|ref|NM\_001167619.1| Homo sapiens mutL homolog 1 (MLH1), mRNA; gi|341914534|ref|XM\_003403774.1| PREDICTED: Homo sapiens N-acetyltransferase 8-like (GNAT8), mRNA; gi|264681409|ref|NM\_001167614.1| Homo sapiens LEM domain containing 3 (LEMD3), transcript variant 1, non-coding RNA;

transcript variant 1, mRNA; gi|264681491|ref|NM\_024659.4| Homo sapiens glycosyltransferase-like domain 1 (GLYT1), mRNA;

transcript variant 1, mRNA; gi|264681522|ref|NM\_005578.3| Homo sapiens LIM domain containing 1 (LIM1), non-coding RNA;

transcript variant 1, mRNA; gi|264681557|ref|NM\_025160.6| Homo sapiens WD repeat domain 26 (WDR26), transcript variant 1, mRNA;

transcript variant 1, mRNA; gi|264681564|ref|NM\_001167604.1| Homo sapiens X-prolyl aminopeptidase 1 (NPEP1), transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA;

transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA;

transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA;

transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA;

transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA;

transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA;

transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA;

transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA;

transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA;

transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA;

transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA;

transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA;

transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA; gi|266452703|ref|NM\_001024858.2| Homo sapiens spectrin, beta, erythrocytic (SPTB), transcript variant 1, mRNA;



1, mRNA; gi|268370169|ref|NM\_206837.2| Homo sapiens organic solute carrier partner 1 (OSCP1), transcript variant 3, mRNA; gi|268370219|ref|NM\_001167822.1| Homo sapiens bladder cancer associated protein 1 (BRCA1-AS1), non-coding RNA; B3), transcript variant 2, mRNA; gi|268370262|ref|NM\_021949.3| Homo sapiens ATPase, Ca++ translocating, nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|268370294|ref|NM\_001167822.1|, transcript variant 3, mRNA; gi|308199462|ref|NM\_001197131.1| Homo sapiens protein phosphatase 1B, transcript variant 2, mRNA; gi|268607593|ref|NM\_020337.2| Homo sapiens ankyrin repeat domain 50 (ANKRD50), transcript variant 2, mRNA

centrotus purpuratus) (FSCN2), transcript variant 1, mRNA; gi|268838270|ref|NM\_001077182.2| Homo sapiens interleukin 1 receptor associated kinase 1 (IL1R1), transcript variant 4, mRNA; gi|268840213|ref|NM\_001167928.1| Homo sapiens interleukin 1 receptor associated kinase 1 (IL1R1), transcript variant 4, mRNA; gi|71067339|ref|NM\_031443.3| Homo sapiens cerebral cavernous malformation 2 (CCM2), transcript variant 1, mRNA; gi|269308218|ref|NM\_001167940.1| Homo sapiens Ca++-dependent secretion activator protein 2 (ACNB2), transcript variant 9, mRNA; gi|147898680|ref|NM\_201596.2| Homo sapiens calcium channel, voltage-gated L-type, alpha1C (CACOPHONY1), transcript variant 1, mRNA; gi|269315841|ref|NM\_145052.3| Homo sapiens urate transporter 1 (UPRT), transcript variant 2, non-coding RNA; gi|269315861|ref|NR\_030767.1| Homo sapiens ankyrin repeat domain 13 (ANKRD13A), transcript variant 1, mRNA; gi|269315861|ref|NR\_030767.1| Homo sapiens ankyrin repeat domain 13

OS), mRNA;  
olog B (yeast) (TIMM17B), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|269784648|ref|NM\_001167972.1| Homo sapiens solute carrier family 26, member 1, transcript variant e, mRNA; gi|269784648|ref|NM\_001167972.1| Homo sapiens solute carrier family 26, member 1, transcript variant e, mRNA;  
ding RNA;  
ae) (TRMT2B), transcript variant 2, mRNA; gi|269784679|ref|NM\_001167972.1| Homo sapiens TRMT2B, transcript variant 2, mRNA;  
nscript variant 1, mRNA; gi|269846806|ref|NM\_001167972.1| Homo sapiens strawberry notch homolog 1, transcript variant 1, mRNA;

transcript variant 1, mRNA; gi|269846909|ref|NM\_001167865.1| Homo sapiens non-SMC element 4 h

FAIP8L1), transcript variant 1, mRNA; gi|269846917|ref|NM\_152362.2| Homo sapiens tumor necrosi

SD6L), mRNA;

phosphatase (LHPP), transcript variant 1, mRNA; gi|269847103|ref|NM\_001167880.1| Homo sapiens p

4; gi|269847287|ref|NM\_001167965.1| Homo sapiens WD repeat domain 65 (WDR65), transcript varia

mRNA; gi|269847397|ref|NM\_024908.3| Homo sapiens WD repeat domain 76 (WDR76), transcript varia

, transcript variant 1, mRNA; gi|269847421|ref|NM\_001167903.1| Homo sapiens major facilitator supe

transcript variant 2, mRNA; gi|269847413|ref|NM\_015585.3| Homo sapiens chromosome 20 open readir

transcript variant 3, mRNA; gi|269847504|ref|NM\_001167985.1| Homo sapiens inhibitor of CDK, cyclin A

rafish) (VEPH1), transcript variant 3, mRNA; gi|269847625|ref|NM\_001167917.1| Homo sapiens ventri

cript variant 2, mRNA; gi|269847743|ref|NM\_032359.3| Homo sapiens chromosome 3 open reading fr

g 2 (ABL2), transcript variant f, mRNA; gi|269847772|ref|NM\_001136000.2| Homo sapiens v-abl Abelsc

Δ;  
HLA-H), non-coding RNA;  
ng 6 (TMED6), mRNA;  
t 1, mRNA; gi|269914168|ref|NM\_001167959.1| Homo sapiens transmembrane protein 178 (TMEM17

cript variant 2, mRNA; gi|269914186|ref|NM\_001168243.1| Homo sapiens chromosome 4 open readir  
|269954659|ref|NM\_144990.3| Homo sapiens schlafen-like 1 (SLFN1), transcript variant 1, mRNA;  
, mRNA; gi|269954739|ref|NM\_001168215.1| Homo sapiens transmembrane protein 92 (TMEM92), tr  
5, mRNA; gi|269914125|ref|NM\_001079840.2| Homo sapiens OCIA domain containing 1 (OCIAD1), tra  
cript variant 2, mRNA; gi|269954693|ref|NM\_001168272.1| Homo sapiens inositol 1,4,5-trisphosphate  
'3854|ref|NM\_021810.4| Homo sapiens cadherin 26 (CDH26), transcript variant b, mRNA;  
iant 1, mRNA; gi|269973858|ref|NM\_001168298.1| Homo sapiens chemokine (C-X-C motif) receptor 2

!, mRNA; gi|269973861|ref|NM\_033495.3| Homo sapiens kelch-like 13 (Drosophila) (KLHL13), transcrip

ariant 2, mRNA; gi|269973879|ref|NM\_153002.2| Homo sapiens G protein-coupled receptor 156 (GPR:  
nt 1, mRNA; gi|269847204|ref|NR\_030775.1| Homo sapiens shisa homolog 4 (Xenopus laevis) (SHISA4;  
oding RNA;

9995985|ref|NM\_001955.4| Homo sapiens endothelin 1 (EDN1), transcript variant 1, mRNA;

2, mRNA; gi|270132298|ref|NM\_001010870.2| Homo sapiens tudor domain containing 6 (TDRD6), trar  
?), mRNA;  
), transcript variant 1, mRNA; gi|270132419|ref|NM\_001168316.1| Homo sapiens UDP glycosyltransfe  
0, 42kDa (NDUFA10), nuclear gene encoding mitochondrial protein, mRNA;  
132525|ref|NM\_001128147.2| Homo sapiens neurofibromin 1 (NF1), transcript variant 3, mRNA; gi|270  
132568|ref|NM\_001168320.1| Homo sapiens tetraspanin 9 (TSPAN9), transcript variant 2, mRNA;  
), transcript variant 1, mRNA; gi|270132743|ref|NM\_001168280.1| Homo sapiens WW domain contain  
script variant 2, mRNA; gi|270132809|ref|NM\_145273.3| Homo sapiens CD300 molecule-like family m  
132869|ref|NM\_000301.3| Homo sapiens plasminogen (PLG), transcript variant 1, mRNA;  
script variant 2, mRNA; gi|270132917|ref|NM\_001003698.3| Homo sapiens ras responsive element bir

region, candidate 11 (ALS2CR11), transcript variant 3, mRNA; gi|270133184|ref|NM\_152525.5| Homo

ARD9), mRNA;  
GEF35), mRNA;  
riant 2, mRNA; gi|270265802|ref|NM\_001168364.1| Homo sapiens keratinocyte associated protein 3 (

galactosaminyltransferase-like 1 (GALNTL1), transcript variant 2, mRNA; gi|270265826|ref|NM\_001168  
ref|NM\_001168370.1| Homo sapiens cullin 7 (CUL7), transcript variant 1, mRNA;

nt 2, mRNA; gi|270265867|ref|NM\_080491.2| Homo sapiens GRB2-associated binding protein 2 (GAB2

2), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|270265877|ref|NM\_0  
variant 1, mRNA; gi|270265888|ref|NM\_001168340.1| Homo sapiens tetratricopeptide repeat domain  
A;

mRNA;

variant 2, mRNA; gi|270265905|ref|NM\_024682.2| Homo sapiens TBC1 domain family, member 17 (T  
mRNA; gi|270288719|ref|NM\_032967.2| Homo sapiens protocadherin 11 X-linked (PCDH11X), transcr

ila) (ROBO3), mRNA;

variant 1, mRNA; gi|262527292|ref|NM\_001167606.1| Homo sapiens RAB35, member RAS oncogene f  
; 4, 15kDa (NDUFB4), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|2702  
pt variant 4, mRNA; gi|270288813|ref|NM\_018044.3| Homo sapiens NOP2/Sun domain family, membe  
mRNA; gi|270288821|ref|NM\_003999.2| Homo sapiens oncostatin M receptor (OSMR), transcript variant  
transcript variant 1, mRNA; gi|270309171|ref|NM\_001168390.1| Homo sapiens chromosome 10 open  
NA; gi|270309177|ref|NM\_001168393.1| Homo sapiens CREB3 regulatory factor (CREBRF), transcript v  
mRNA; gi|270309183|ref|NM\_001168400.1| Homo sapiens brain expressed X-linked 2 (BEX2), transcri  
PROC), mRNA;

, mRNA; gi|270483746|ref|NM\_001168467.1| Homo sapiens MAP7 domain containing 2 (MAP7D2), tra  
-coding RNA; gi|270483763|ref|NM\_001168468.1| Homo sapiens PDZ domain containing 3 (PDZD3), tr  
(TBP)-associated factor, 50kDa (TAF7L), transcript variant 2, mRNA; gi|270483791|ref|NM\_024885.3|  
483819|ref|NM\_198902.2| Homo sapiens tetraspanin 3 (TSPAN3), transcript variant 2, mRNA; gi|2704  
non-coding RNA; gi|271398378|ref|NM\_001168551.1| Homo sapiens transmembrane protein 48 (TM

script variant 3, mRNA; gi|271398160|ref|NM\_024087.2| Homo sapiens ankyrin repeat and SOCS box c  
2), transcript variant 1, mRNA; gi|271398276|ref|NM\_001168499.1| Homo sapiens CNDP dipeptidase 2  
RNA;

mRNA;

mRNA;

script variant 4, mRNA; gi|274318376|ref|NM\_001168485.1| Homo sapiens armadillo repeat containir  
iant 1, mRNA; gi|274321488|ref|NM\_001011551.2| Homo sapiens C1GALT1-specific chaperone 1 (C1G

2, mRNA; gi|27436888|ref|NM\_015352.1| Homo sapiens protein O-fucosyltransferase 1 (POFUT1), tra  
yeast) (TIMM13), nuclear gene encoding mitochondrial protein, mRNA;  
protein, mRNA;

NA; gi|27436932|ref|NM\_172337.1| Homo sapiens orthodenticle homeobox 2 (OTX2), transcript varian  
cript variant 2, mRNA; gi|27436935|ref|NM\_172225.1| Homo sapiens diencephalon/mesencephalon h

6), mRNA;

beta member 3 (KCNAB3), mRNA;

member 1 (KCNB1), mRNA;

member 2 (KCNB2), mRNA;

er 2 (KCNE2), mRNA;

ember 2 (KCND2), mRNA;

member 10 (KCNA10), mRNA;

CNF1), mRNA;

1a (CAMKK1), transcript variant 1, mRNA; gi|27437010|ref|NM\_172206.1| Homo sapiens calcium/calmodulin-dependent protein kinase II

2a (CAMKK2), transcript variant 4, mRNA; gi|259490267|ref|NM\_172214.2| Homo sapiens calcium/calmodulin-dependent protein kinase II

1 (IL4I1), transcript variant 1, mRNA; gi|23821022|ref|NM\_152899.1| Homo sapiens interleukin 4 induced 1 (IL4I1), transcript variant 1, mRNA;

2 (IL4I2), transcript variant 2, mRNA; gi|27437010|ref|NM\_172206.1| Homo sapiens interleukin 4 (IL4), transcript variant 2, mRNA;

2 (IL4I2), mRNA;

1, mRNA;

2, mRNA; gi|33946332|ref|NM\_020119.3| Homo sapiens zinc finger CCCH-type, antiviral 1 (ZC3HAV1), transcript variant 2, mRNA;

1 (NFATC1), transcript variant 2, mRNA; gi|27502390|ref|NM\_172389.1| Homo sapiens nuclear factor of activated T-cells 1 (NFATC1), transcript variant 2, mRNA;

variant 1, mRNA; gi|258679525|ref|NM\_001164839.1| Homo sapiens chromosome 3 open reading frame 100 (CHROMOSOME 3 ORF100), transcript variant 1, mRNA;

2, mRNA; gi|206725453|ref|NM\_001135219.1| Homo sapiens phosphatidylinositol-4-phosphate 3-kinase class II delta (PI4KIII2), transcript variant 2, mRNA;

A;

4JC5G), mRNA;

NA;

1 (PNLDC1), mRNA;

A1), mRNA;

transcript variant a, mRNA; gi|27754765|ref|NM\_021902.2| Homo sapiens FXYD domain containing ion transport regulator 1 (FXYD1), transcript variant a, mRNA;

754772|ref|NM\_032420.2| Homo sapiens protocadherin 1 (PCDH1), transcript variant 2, mRNA;

1 (FCN3), transcript variant 1, mRNA; gi|27754777|ref|NM\_173452.1| Homo sapiens ficolin (collagen triple helix repeat domain 3) (FCN3), transcript variant 1, mRNA;

65079|ref|NM\_173090.1| Homo sapiens calpain 3, (p94) (CAPN3), transcript variant 6, mRNA; gi|27761079|ref|NM\_173090.1| Homo sapiens calpain 3, (p94) (CAPN3), transcript variant 6, mRNA;

NA;

1 GTP binding protein Rac2) (RAC2), mRNA;



2), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|27881505|ref|NM\_001168683.1| Homo sapiens (RIC8A), mRNA;

1 gene 1 (MALT1), transcript variant 1, mRNA; gi|27886565|ref|NM\_173844.1| Homo sapiens mucosa associated lymphoid tissue

kinase 7 (PTK7), transcript variant 1, mRNA; gi|27886607|ref|NM\_152882.2| Homo sapiens PTK7 protein tyrosine kinase 7 (PTK7), transcript variant 1, mRNA; gi|27886647|ref|NM\_172376.1| Homo sapiens potassium channel, member 5 (KCNH5), transcript variant 1, mRNA; gi|27886649|ref|NM\_030779.2| Homo sapiens potassium channel, member 6 (KCNH6), transcript variant 2, mRNA; gi|27886649|ref|NM\_030779.2| Homo sapiens potassium channel, member 8 (KCNH8), mRNA;

), mRNA;

27894288|ref|NM\_016483.4| Homo sapiens PHD finger protein 7 (PHF7), transcript variant 1, mRNA;

27894299|ref|NM\_014439.3| Homo sapiens interleukin 37 (IL37), transcript variant 1, mRNA; gi|27894299|ref|NM\_014439.3|

Homo sapiens interleukin 36 receptor antagonist (IL36RA), transcript variant 1, mRNA; gi|27894309|ref|NM\_173170.1| Homo sapiens interleukin 36 receptor antagonist (IL36RA), transcript variant 1, mRNA; gi|27894311|ref|NM\_014438.3| Homo sapiens interleukin 36, beta (IL36B), transcript variant 1, mRNA;

1 (TMED1), mRNA;

27894323|ref|NM\_016232.4| Homo sapiens interleukin 1 receptor-like 1 (IL1RL1), transcript variant 1, mRNA;

27894332|ref|NM\_004633.3| Homo sapiens interleukin 1 receptor, type II (IL1R2), transcript variant 1, mRNA;

1 nuclear gene encoding mitochondrial protein, mRNA;

27894332|ref|NM\_004633.3| Homo sapiens interleukin 1 receptor, type II (IL1R2), transcript variant 1, mRNA; gi|281182384|ref|NM\_022784.2| Homo sapiens IQ motif containing H (IQCH), transcript variant 2, mRNA; gi|281182407|ref|NM\_001168683.1| Homo sapiens taxilin gamma (TXLNG), transcript variant 2, mRNA;

281182572|ref|NM\_001168724.1| Homo sapiens transmembrane protein 135 (TMEM135), transcript variant 1, mRNA;

281182699|ref|NM\_001169107.1| Homo sapiens family with sequence similarity 102 (FAM102), nuclear gene encoding mitochondrial protein, transcript variant 4, mRNA; gi|281182715|ref|NM\_001169107.1| Homo sapiens family with sequence similarity 102 (FAM102), nuclear gene encoding mitochondrial protein, transcript variant 4, mRNA;

281182841|ref|NM\_001169118.1| Homo sapiens stromal interaction molecule 2 (STIM2), transcript variant 1, mRNA; gi|281182833|ref|NM\_001168618.1| Homo sapiens intraflagellar transport protein 2 (IFT20), transcript variant 4, mRNA; gi|281306726|ref|NM\_001168648.1| Homo sapiens connector enhancer domain containing 1 (CENH1), transcript variant 1, mRNA;

380848750|ref|NM\_001257231.1| Homo sapiens aspartate aminotransferase 2 (TMIGD2), transcript variant 2, mRNA; gi|281306837|ref|NM\_144615.2| Homo sapiens transmembrane protein 1, mRNA; gi|154240672|ref|NM\_001001701.3| Homo sapiens chromosome 4 open reading frame 102 (C4orf102), non-coding RNA;

281371375|ref|NM\_213600.3| Homo sapiens phospholipase A2, group IVF (PLA2G4F), non-coding RNA;

281371471|ref|NM\_206809.3| Homo sapiens myelin oligodendrocyte glycoprotein 2 (MOG2), transcript variant beta5, mRNA; gi|281427101|ref|NM\_031267.3| Homo sapiens cyclin-dependent kinase 13 (CDK13), transcript variant 1, mRNA;

cript variant 1, mRNA; gi|33859792|ref|NM\_173494.1| Homo sapiens chromosome X open reading fra  
revisiae) (PAN3), mRNA;

cript variant 2, mRNA; gi|281427234|ref|NM\_152761.2| Homo sapiens chromosome X open reading fr  
ial) (LANCL3), transcript variant 2, mRNA; gi|281427263|ref|NM\_198511.2| Homo sapiens LanC lantibic  
ranscript variant 1, mRNA; gi|281427271|ref|NM\_001170402.1| Homo sapiens cell division cycle 20 ho  
mRNA; gi|281427276|ref|NM\_033379.4| Homo sapiens cyclin-dependent kinase 1 (CDK1), transcript v  
gi|281427285|ref|NM\_001170423.1| Homo sapiens protease, serine, 35 (PRSS35), transcript variant 1,

ref|NR\_046380.1| Homo sapiens clarin 1 (CLRN1), transcript variant 7, non-coding RNA; gi|307775402  
A;  
galactosaminyltransferase-like 5 (GALNTL5), transcript variant 2, non-coding RNA; gi|281485546|ref|NM

485617|ref|NM\_138737.3| Homo sapiens hephaestin (HEPH), transcript variant 1, mRNA; gi|21166383  
2P1), non-coding RNA;  
, transcript variant 1, mRNA; gi|281599324|ref|NM\_182607.4| Homo sapiens V-set and immunoglobu  
ipt variant 3, mRNA; gi|372326075|ref|NM\_001042512.2| Homo sapiens FERM and PDZ domain contai  
nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|281604150|ref|NM\_13857  
JC100289673), non-coding RNA;

ne encoding mitochondrial protein, transcript variant 3, mRNA; gi|28178820|ref|NM\_006899.2| Homc

nuclear gene encoding mitochondrial protein, mRNA;

ene encoding mitochondrial protein, mRNA;

gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|28178836|ref|NM\_004135.2| Ho  
7, mRNA; gi|28178844|ref|NM\_173207.1| Homo sapiens TGFB-induced factor homeobox 1 (TGIF1), tr

variant 1, mRNA; gi|282154795|ref|NR\_033179.1| Homo sapiens transmembrane protein 150A (TMEN  
RNA;

3, mRNA; gi|282165689|ref|NM\_002025.3| Homo sapiens AF4/FMR2 family, member 2 (AFF2), transci  
, transcript variant 1, mRNA; gi|282165702|ref|NM\_020920.3| Homo sapiens chromodomain helicase I  
ant 1, mRNA; gi|282165707|ref|NM\_001122979.2| Homo sapiens Fc receptor, IgA, IgM, high affinity (F

llog 2 (yeast) (AHSA2), mRNA;

non-coding RNA; gi|282165724|ref|NM\_032796.3| Homo sapiens synapse associated protein 1 (SYAP1  
EXO1L1), mRNA;

ene encoding mitochondrial protein, mRNA;

A; gi|282165775|ref|NM\_207014.2| Homo sapiens WD repeat domain 78 (WDR78), transcript variant 2  
aining 5 (TMED5), transcript variant 2, mRNA; gi|282165813|ref|NM\_016040.4| Homo sapiens transmi  
nt 1, mRNA; gi|282165824|ref|NM\_001170670.1| Homo sapiens zinc finger, HIT-type containing 6 (ZNI

variant 1, mRNA; gi|282394031|ref|NM\_001170686.1| Homo sapiens mindbomb E3 ubiquitin protein I

gi|111548658|ref|NM\_205864.2| Homo sapiens cancer antigen 1 (CAGE1), transcript variant 3, mRNA;

ber 5 (XKR5), mRNA;

A; gi|282395054|ref|NR\_033184.1| Homo sapiens zinc finger protein 678 (ZNF678), transcript variant 2

NA; gi|282397093|ref|NM\_001170580.1| Homo sapiens hedgehog acyltransferase (HHAT), transcript v

R6K3), mRNA;

2, mRNA; gi|282396079|ref|NM\_001170700.1| Homo sapiens death domain containing 1 (DTHD1), tra

40563), mRNA;

cript variant 8, mRNA; gi|282398121|ref|NM\_014567.3| Homo sapiens breast cancer anti-estrogen res

t variant 1, mRNA; gi|282398134|ref|NM\_001170723.1| Homo sapiens chromosome 1 open reading fr

;

ding RNA;

!), transcript variant 1, mRNA; gi|282400943|ref|NM\_001170635.1| Homo sapiens lipid phosphate pho

3, mRNA; gi|282402176|ref|NM\_001170640.1| Homo sapiens cyclin-dependent kinase 20 (CDK20), tra

RNA; gi|282403489|ref|NM\_031206.4| Homo sapiens LAS1-like (*S. cerevisiae*) (LAS1L), transcript varia

mRNA;

st variant 3, mRNA; gi|282721007|ref|NM\_001170704.1| Homo sapiens muscleblind-like splicing regul

G), transcript variant 1, mRNA; gi|282721026|ref|NM\_001170741.1| Homo sapiens family with sequen

RNA;

ript variant 4, mRNA; gi|282721076|ref|NM\_001170751.1| Homo sapiens sushi-repeat containing prot

RNA;

nRNA;

5), transcript variant 1, mRNA; gi|282721101|ref|NM\_173638.3| Homo sapiens neuroblastoma breakp

100130000), non-coding RNA;

2D), transcript variant 1, mRNA; gi|282721136|ref|NR\_033191.1| Homo sapiens protein phosphatase 2

(LRRC37A4P), non-coding RNA;

RNA;

ction factor 2 (BACH2), transcript variant 2, mRNA; gi|215276980|ref|NM\_021813.2| Homo sapiens BT

cript variant 3, mRNA; gi|282847376|ref|NM\_016085.4| Homo sapiens chromosome 2 open reading fr

RNA;

P3K15), mRNA;

7, non-coding RNA; gi|282847405|ref|NM\_024699.2| Homo sapiens zinc finger, AN1-type domain 1 (Z

cript variant 2, mRNA; gi|282847454|ref|NM\_173549.2| Homo sapiens chromosome 8 open reading fr

t 2, mRNA; gi|282847452|ref|NM\_020482.4| Homo sapiens four and a half LIM domains 5 (FHL5), trans

ig, 4 (parvulin) (PIN4), transcript variant 3, non-coding RNA; gi|282847474|ref|NM\_006223.3| Homo sa

t variant 1, mRNA; gi|282847484|ref|NM\_001170757.1| Homo sapiens family with sequence similarity

NA; gi|282847486|ref|NM\_014370.3| Homo sapiens SRSF protein kinase 3 (SRPK3), transcript variant 1  
ariant 6, mRNA; gi|282847493|ref|NM\_001170695.1| Homo sapiens spermatogenesis associated 22 (S  
, transcript variant 2, mRNA; gi|282847505|ref|NM\_001170766.1| Homo sapiens ligand dependent nuc

cript variant 7, mRNA; gi|283046648|ref|NM\_001170779.1| Homo sapiens family with sequence simila  
cript variant 2, mRNA; gi|283046662|ref|NM\_020974.2| Homo sapiens signal peptide, CUB domain, EC  
iD5), transcript variant 1, mRNA; gi|283046668|ref|NM\_032889.4| Homo sapiens major facilitator supe  
cript variant 2, mRNA; gi|283046672|ref|NM\_022101.3| Homo sapiens chromosome X open reading fr  
, transcript variant 1, mRNA; gi|283046683|ref|NM\_001170793.1| Homo sapiens family with sequence

D), transcript variant 1, mRNA; gi|283046690|ref|NM\_152630.4| Homo sapiens family with sequence s  
ha, mRNA; gi|283046697|ref|NM\_033093.2| Homo sapiens tripartite motif containing 5 (TRIM5), trans  
, transcript variant 4, mRNA; gi|283046709|ref|NM\_001170808.1| Homo sapiens La ribonucleoproteini  
;

2), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|283046777|ref|NM\_14  
AS3), transcript variant 2, non-coding RNA; gi|283046790|ref|NR\_033204.1| Homo sapiens HOXB clust  
;

1), transcript variant 3, mRNA; gi|283046824|ref|NM\_007328.3| Homo sapiens killer cell lectin-like rec  
nt 2, non-coding RNA; gi|283046839|ref|NM\_014167.4| Homo sapiens coiled-coil domain containing 5  
;

ant 2, mRNA; gi|66932961|ref|NM\_006895.2| Homo sapiens histamine N-methyltransferase (HNMT), 1  
;

283135172|ref|NM\_001170937.1| Homo sapiens fused in sarcoma (FUS), transcript variant 4, mRNA; g  
ant 3, mRNA; gi|283135211|ref|NM\_032636.7| Homo sapiens proline/serine-rich coiled-coil 1 (PSRC1)  
ABRG3), mRNA;  
ariant 1, mRNA; gi|293629301|ref|NM\_001177358.1| Homo sapiens G protein-coupled receptor 137 (C

;

gi|283436081|ref|NM\_005938.3| Homo sapiens forkhead box O4 (FOXO4), transcript variant 1, mRNA;  
cript variant 1, mRNA; gi|283436087|ref|NR\_033212.1| Homo sapiens chromosome X open reading fra  
e) (FBXL21), mRNA;

3436113|ref|NM\_001170585.1| Homo sapiens phospholipase B1 (PLB1), transcript variant 2, mRNA;  
cript variant 5, mRNA; gi|283436129|ref|NM\_205833.3| Homo sapiens immunoglobulin superfamily, m  
uclear gene encoding mitochondrial protein, transcript variant 3, mRNA; gi|283436219|ref|NM\_01818  
nt 2, mRNA; gi|283436227|ref|NM\_173543.2| Homo sapiens DAZ interacting protein 1-like (DZIP1L), tr  
\6), mRNA;

anscript variant 3, mRNA; gi|283484018|ref|NM\_001040712.2| Homo sapiens protein tyrosine phosph  
, mRNA;  
t variant 1, mRNA; gi|157168359|ref|NM\_004043.2| Homo sapiens acetylserotonin O-methyltransfera

RNA;  
5AMT2), mRNA;

r RNA;  
4 (ST8SIA4), transcript variant 2, mRNA; gi|196162705|ref|NM\_005668.4| Homo sapiens ST8 alpha-N-a

2, mRNA; gi|28373191|ref|NM\_007002.2| Homo sapiens adhesion regulating molecule 1 (ADRM1), tra  
H3), mRNA;

C), mRNA;

int 2, mRNA; gi|283806647|ref|NM\_018301.3| Homo sapiens RNA binding motif protein 41 (RBM41), t  
y; gi|283806624|ref|NM\_001171091.1| Homo sapiens UBX domain protein 6 (UBXN6), transcript variar  
27|ref|NM\_001171092.1| Homo sapiens claudin 2 (CLDN2), transcript variant 2, mRNA; gi|283806633|  
31A), transcript variant 2, mRNA; gi|283806629|ref|NM\_144635.4| Homo sapiens family with sequence  
6652|ref|NM\_001077497.2| Homo sapiens proline rich 3 (PRR3), transcript variant 2, mRNA;

t variant 1, mRNA; gi|122937397|ref|NM\_001080463.1| Homo sapiens dynein, cytoplasmic 2, heavy ch  
ant 1, mRNA; gi|283806690|ref|NM\_001075098.3| Homo sapiens molybdenum cofactor synthesis 1 (M  
ariant 3, mRNA; gi|57165426|ref|NM\_004729.3| Homo sapiens zinc finger, BED-type containing 1 (ZBE  
ript variant 1, mRNA; gi|283806708|ref|NR\_033234.1| Homo sapiens spermatid perinuclear RNA bindi  
riant 1, mRNA; gi|283806710|ref|NM\_001085354.2| Homo sapiens MORC family CW-type zinc finger 4

33A), transcript variant 1, mRNA; gi|283837789|ref|NM\_173698.2| Homo sapiens family with sequence  
s) (COX6B1), nuclear gene encoding mitochondrial protein, mRNA;

inscript variant 1, mRNA; gi|283945465|ref|NR\_033242.1| Homo sapiens chromosome 19 open reading  
t variant 2, mRNA; gi|283837879|ref|NM\_001171158.1| Homo sapiens sialic acid binding Ig-like lectin :  
mRNA; gi|283837895|ref|NM\_001171163.1| Homo sapiens zinc finger, MYM-type 3 (ZMYM3), transcr

ng RNA;

, member 21 (SLC25A21), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|2  
ipt variant 3, mRNA; gi|283837933|ref|NM\_001171174.1| Homo sapiens chemokine (C-X3-C motif) rec

NA; gi|283945457|ref|NM\_001127181.2| Homo sapiens centromere protein L (CENPL), transcript varia

2, mRNA; gi|148539557|ref|NM\_001939.2| Homo sapiens dystrophin related protein 2 (DRP2), transcr  
11P), non-coding RNA;

ike 2 (Hu antigen B) (ELAVL2), transcript variant 2, mRNA; gi|283945536|ref|NM\_001171197.1| Homo :  
transcript variant 3, mRNA; gi|283945611|ref|NR\_033237.1| Homo sapiens family with sequence simil

T), mRNA;

transcript variant 2, mRNA; gi|284004933|ref|NM\_001171186.1| Homo sapiens family with sequence sim  
eudogene (LOC729080), non-coding RNA;  
eudogene (LOC641746), non-coding RNA;  
int 3, mRNA; gi|283945557|ref|NM\_001171201.1| Homo sapiens ubiquitin associated protein 1 (UBAP  
inscript variant 2, mRNA; gi|284005255|ref|NM\_024032.3| Homo sapiens chromosome 17 open readir  
eudogene (LOC100329109), non-coding RNA;  
, non-coding RNA;  
on-coding RNA;  
CSH), transcript variant 2, non-coding RNA; gi|284005296|ref|NM\_004483.4| Homo sapiens glycine cle  
-AS1), non-coding RNA;

ly;  
ant a, mRNA; gi|284005366|ref|NR\_033251.1| Homo sapiens X antigen family, member 1C (XAGE1C), t  
;  
nRNA;  
OR52K1), mRNA;  
OR51M1), mRNA;

ng RNA;  
OR52N5), mRNA;  
OR4M2), mRNA;  
2AK3), mRNA;  
A;  
ng RNA;  
, transcript variant 3, mRNA; gi|284005531|ref|NM\_015099.3| Homo sapiens calmodulin binding trans

ant d, mRNA; gi|284055226|ref|NM\_001097592.2| Homo sapiens X antigen family, member 1A (XAGE1  
R4A5), mRNA;  
taining 2 (GDPD2), transcript variant 1, mRNA; gi|284055237|ref|NM\_017711.3| Homo sapiens glycerol  
1, mRNA; gi|284055247|ref|NM\_001171581.1| Homo sapiens integral membrane protein 2A (ITM2A),

3), transcript variant 6, mRNA; gi|28373075|ref|NM\_174967.1| Homo sapiens ST3 beta-galactoside alp  
OR4C12), mRNA;

OR52E2), mRNA;  
OR52A5), mRNA;  
OR52B4), mRNA;  
, non-coding RNA; gi|284055267|ref|NM\_001097596.2| Homo sapiens X antigen family, member 1B (X  
OR52K2), mRNA;  
55275|ref|NM\_003686.4| Homo sapiens exonuclease 1 (EXO1), transcript variant 3, mRNA; gi|284172:  
mRNA;  
int a, mRNA; gi|284055289|ref|NR\_033257.1| Homo sapiens X antigen family, member 1E (XAGE1E), tr

P1), transcript variant 1, mRNA; gi|28416435|ref|NM\_175609.1| Homo sapiens ADP-ribosylation factor

IA;

), transcript variant 6, mRNA; gi|28416920|ref|NM\_174872.1| Homo sapiens purinergic receptor P2X, I

PD1), mRNA;

mRNA;

OR4C13), mRNA;

38), mRNA;

OR51D1), mRNA;

nt 1, mRNA; gi|284172408|ref|NM\_001164473.2| Homo sapiens formin binding protein 1-like (FBNP1L

mRNA; gi|284172430|ref|NM\_001171613.1| Homo sapiens prolyl endopeptidase-like (PREPL), transcr

OR51Q1), mRNA;

OR51I2), mRNA;

OR52D1), mRNA;

OR51I1), mRNA;

nt variant 6, mRNA; gi|284172454|ref|NM\_001025370.2| Homo sapiens vascular endothelial growth fa

riant 3, mRNA; gi|284172478|ref|NM\_052946.3| Homo sapiens nitric oxide synthase trafficker (NOSTF

riant 1, mRNA; gi|284172496|ref|NM\_001171637.1| Homo sapiens coiled-coil domain containing 148

OR56A1), mRNA;

OR2AG1), mRNA;

OA4), mRNA;

OR10Q1), mRNA;

R9Q2), mRNA;

OR52I2), mRNA;

OR5B12), mRNA;

riant 1, mRNA; gi|284413745|ref|NM\_001171653.1| Homo sapiens zinc finger E-box binding homeobo

A; gi|284413751|ref|NM\_001171654.1| Homo sapiens kelch-like 5 (Drosophila) (KLHL5), transcript var

R5B2), mRNA;

10W1), mRNA;

R9Q1), mRNA;

LOC), mRNA;

ript variant 2, mRNA; gi|284447307|ref|NM\_012157.3| Homo sapiens F-box and leucine-rich repeat pr  
mRNA; gi|284448547|ref|NM\_001129819.2| Homo sapiens cytochrome b5 reductase 3 (CYB5R3), tran  
ling mitochondrial protein, transcript variant 1, mRNA; gi|284448554|ref|NM\_014291.3| Homo sapien:  
t variant 3, mRNA; gi|284507292|ref|NM\_001171805.1| Homo sapiens PAP associated domain contain  
mitochondrial protein, transcript variant 1, mRNA; gi|284507297|ref|NM\_001171814.1| Homo sapiens  
NA; gi|284507301|ref|NM\_001127217.2| Homo sapiens SMAD family member 9 (SMAD9), transcript v  
cript variant 5, mRNA; gi|300388177|ref|NM\_001191035.1| Homo sapiens chromosome 8 open readir  
NA; gi|284520157|ref|NM\_001171832.1| Homo sapiens defensin, beta 121 (DEFB121), transcript varia  
variant 2, mRNA; gi|284520903|ref|NM\_001171868.1| Homo sapiens transmembrane protein 200B (T  
RNA; gi|284520906|ref|NR\_033264.1| Homo sapiens high mobility group box 4 (HMGB4), transcript v  
nRNA; gi|284520144|ref|NM\_178841.3| Homo sapiens ring finger protein 166 (RNF166), transcript var  
RNA;

logene 1 (CYP2B7P1), non-coding RNA;

RNA;

NA;

6-AS1), non-coding RNA;

mRNA; gi|284807137|ref|NM\_001171706.1| Homo sapiens ripply1 homolog (zebrafish) (RIPPLY1), tra  
e) (PRRG3), transcript variant 2, non-coding RNA; gi|284807141|ref|NM\_024082.3| Homo sapiens proli  
member 2 (SULT1A2), transcript variant 2, mRNA; gi|284807144|ref|NM\_001054.3| Homo sapiens sulf  
IA; gi|284807146|ref|NM\_001005742.2| Homo sapiens glucosidase, beta, acid (GBA), transcript variant  
RD), transcript variant 3, mRNA; gi|222352114|ref|NM\_177435.2| Homo sapiens peroxisome proliferat

DR2W5), mRNA;

-coding RNA;

2, mRNA; gi|284813527|ref|NM\_014703.2| Homo sapiens Vpr (HIV-1) binding protein (VPRBP), transcr

anscript variant 2, mRNA; gi|284813541|ref|NM\_001171909.1| Homo sapiens chromosome X open rea  
mRNA; gi|284925116|ref|NR\_033289.1| Homo sapiens glycerol kinase 5 (putative) (GK5), transcript vai  
A; gi|284925126|ref|NM\_052836.3| Homo sapiens cadherin-related 23 (CDH23), transcript variant 2, r  
mRNA; gi|169646714|ref|NM\_002063.3| Homo sapiens glycine receptor, alpha 2 (GLRA2), transcript v  
t variant 4, mRNA; gi|284925163|ref|NM\_025154.5| Homo sapiens Sad1 and UNC84 domain containir  
variant 4, mRNA; gi|285002196|ref|NM\_021924.4| Homo sapiens cadherin-related family member 5 (C  
ant 1, mRNA; gi|285002203|ref|NM\_001171971.1| Homo sapiens cadherin-related family member 1 (C  
variant 1, mRNA; gi|285002215|ref|NM\_017675.4| Homo sapiens cadherin-related family member 2 (C  
RNA; gi|285002222|ref|NM\_001171979.1| Homo sapiens zinc finger protein 829 (ZNF829), transcript  
) (GPD2), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|285002232|ref|N  
RNA;

nsript variant 2, mRNA; gi|285002260|ref|NM\_153246.4| Homo sapiens chromosome 6 open reading  
otif 16 (NUDT16), transcript variant 1, mRNA; gi|285026433|ref|NM\_152395.2| Homo sapiens nudix (i  
olar RNA;

cleolar RNA;

; gi|285026519|ref|NM\_001172085.1| Homo sapiens TATA box binding protein (TBP), transcript variar  
VA; gi|285394163|ref|NM\_001008270.2| Homo sapiens protease, serine, 37 (PRSS37), transcript variar  
encoding mitochondrial protein, transcript variant 1, mRNA; gi|285395027|ref|NM\_001171967.1| Hom



gi|285395245|ref|NM\_001171864.1| Homo sapiens tubulin, alpha-like 3 (TUBAL3), transcript variant 2  
transcript variant 1, mRNA; gi|285397410|ref|NR\_033265.1| Homo sapiens chromosome 17 open reading  
mRNA; gi|285397546|ref|NM\_153706.3| Homo sapiens SET domain containing 9 (SETD9), transcript va  
c; gi|285393924|ref|NM\_001171948.1| Homo sapiens KxDL motif containing 1 (KXD1), transcript variar  
mRNA; gi|28558968|ref|NM\_015979.2| Homo sapiens mediator complex subunit 23 (MED23), transcr

, mRNA; gi|28559005|ref|NM\_175698.1| Homo sapiens synovial sarcoma, X breakpoint 2 (SSX2), trans  
, mRNA; gi|28559008|ref|NM\_175711.1| Homo sapiens synovial sarcoma, X breakpoint 3 (SSX3), trans

, mRNA; gi|28559011|ref|NM\_005636.3| Homo sapiens synovial sarcoma, X breakpoint 4 (SSX4), trans  
, mRNA; gi|28559014|ref|NM\_021015.3| Homo sapiens synovial sarcoma, X breakpoint 5 (SSX5), trans

RNA;

559079|ref|NM\_175842.1| Homo sapiens spermine oxidase (SMOX), transcript variant 4, mRNA; gi|28  
16688|ref|NM\_001144002.1| Homo sapiens CTP synthase II (CTPS2), transcript variant 3, mRNA; gi|28  
, mRNA;

RNA;

NA; gi|287326899|ref|NM\_001172133.1| Homo sapiens hemopoietic cell kinase (HCK), transcript varia  
, transcript variant 1, non-coding RNA; gi|287334599|ref|NR\_033297.1| Homo sapiens coiled-coil dom  
se 4 (DYRK4), mRNA;

RNA;

mRNA;

nt 2, mRNA; gi|288541294|ref|NM\_001135057.2| Homo sapiens leucine rich repeat containing 15 (LRF  
.1), transcript variant 2, non-coding RNA; gi|288541298|ref|NM\_138389.2| Homo sapiens family with s  
3A1), transcript variant 2, mRNA; gi|288541301|ref|NM\_152404.3| Homo sapiens UDP glycosyltransfe  
NA;

1, mRNA; gi|288541310|ref|NM\_001171887.1| Homo sapiens FGFR1 oncogene partner 2 (FGFR1OP2),  
on-coding RNA;

A;

NA; gi|288541307|ref|NM\_001171937.1| Homo sapiens fuzzy homolog (Drosophila) (FUZ), transcript v  
cript variant 3, mRNA; gi|288541421|ref|NM\_001171941.1| Homo sapiens fibronectin type III domain

ariant 2, non-coding RNA; gi|288557234|ref|NM\_022449.3| Homo sapiens RAB17, member RAS oncog  
ript variant 1, mRNA; gi|288557240|ref|NM\_024969.3| Homo sapiens cysteine-serine-rich nuclear prot  
DRA70F), small nucleolar RNA;

; RNA;

ranscript variant BT1A, non-coding RNA; gi|288557327|ref|NR\_033315.1| Homo sapiens BDNF antisense  
transcript variant 6, mRNA; gi|288557334|ref|NM\_001172220.1| Homo sapiens sex comb on midleg h  
mRNA; gi|288557343|ref|NM\_053005.4| Homo sapiens MOB kinase activator 2 (MOB2), transcript varia  
nRNA;

RNA;

ding) (MIAT), transcript variant 2, non-coding RNA; gi|288683284|ref|NR\_033321.1| Homo sapiens myc  
transcript variant 1, mRNA; gi|288683725|ref|NM\_001172288.1| Homo sapiens cancer/testis antigen f  
nRNA;

ant 2, mRNA; gi|149944535|ref|NM\_001099287.1| Homo sapiens NIPA-like domain containing 4 (NIPA  
3, 11 (PSMD11), mRNA;  
e encoding mitochondrial protein, transcript variant 4, mRNA; gi|28872733|ref|NM\_032112.2| Homo  
A;  
cript variant 1, mRNA; gi|28872719|ref|NM\_002564.2| Homo sapiens purinergic receptor P2Y, G-prote  
72750|ref|NM\_175940.1| Homo sapiens dual oxidase 1 (DUOX1), transcript variant 2, mRNA;  
cript variant 2, mRNA; gi|28872777|ref|NM\_013369.2| Homo sapiens DNA (cytosine-5-)-methyltransfe  
ranscript variant 1, mRNA; gi|28872783|ref|NM\_016082.3| Homo sapiens CDK5 regulatory subunit ass  
nRNA;  
n (C1QBP), nuclear gene encoding mitochondrial protein, mRNA;  
unit (GNPTG), mRNA;  
1ASTL), transcript variant 1, mRNA; gi|288806588|ref|NM\_032844.3| Homo sapiens microtubule associ  
ipt variant 9, mRNA; gi|288856239|ref|NM\_001144006.2| Homo sapiens SLIT and NTRK-like family, me  
1, mRNA; gi|288856273|ref|NM\_001144877.2| Homo sapiens suppressor of cancer cell invasion (SCAI  
i|288856296|ref|NM\_198843.2| Homo sapiens surfactant protein B (SFTPB), transcript variant 2, mRNA/  
A; gi|288915542|ref|NM\_001172357.1| Homo sapiens surfactant protein C (SFTPC), transcript variant :  
2, mRNA; gi|288915522|ref|NM\_173694.4| Homo sapiens ATPase, class VI, type 11C (ATP11C), transcr  
nRNA; gi|288915526|ref|NM\_001172415.1| Homo sapiens BCL2-associated athanogene (BAG1), trans  
ant 4, mRNA; gi|151108412|ref|NM\_001099272.1| Homo sapiens BTB (POZ) domain containing 9 (BTB  
537|ref|NM\_005032.5| Homo sapiens plastin 3 (PLS3), transcript variant 1, mRNA; gi|288915540|ref|N  
v;  
ranscript variant C, mRNA; gi|156616291|ref|NM\_018100.3| Homo sapiens EF-hand domain (C-terminal)  
riant 2, mRNA; gi|289063467|ref|NM\_003240.3| Homo sapiens left-right determination factor 2 (LEFT  
oding RNA; gi|289063418|ref|NM\_001172428.1| Homo sapiens kelch-like 7 (Drosophila) (KLHL7), tran:  
cript variant 2, mRNA; gi|289063420|ref|NM\_000294.2| Homo sapiens phosphorylase kinase, gamma :  
;  
pt variant 1, mRNA; gi|289063429|ref|NR\_033302.1| Homo sapiens DEAH (Asp-Glu-Ala-His) box polype  
nt 1, mRNA; gi|289063431|ref|NM\_006025.3| Homo sapiens endonuclease, polyU-specific (ENDOU), t  
3392|ref|NM\_004513.5| Homo sapiens interleukin 16 (IL16), transcript variant 1, mRNA; gi|289063394  
.), transcript variant 1, mRNA; gi|289063463|ref|NM\_001135703.2| Homo sapiens low density lipoprot  
VP8), transcript variant 4, mRNA; gi|262118307|ref|NM\_001166340.1| Homo sapiens SUMO/sentrin sp  
.B), transcript variant 3, mRNA; gi|289177072|ref|NM\_015713.4| Homo sapiens ribonucleotide reducta  
VA; gi|289577130|ref|NM\_001172712.1| Homo sapiens Sp3 transcription factor (SP3), transcript variar  
gi|289191315|ref|NM\_001172574.1| Homo sapiens microcephalin 1 (MCPH1), transcript variant 2, mR

oradrenalin), member 2 (SLC6A2), transcript variant 2, mRNA; gi|289191376|ref|NM\_001172504.1| Homo sapiens  
 ling mitochondrial protein, transcript variant 1, mRNA; gi|289191374|ref|NM\_001040613.2| Homo sapiens  
 ORA70G), small nucleolar RNA; gi|289191372|ref|NM\_001040613.2| Homo sapiens  
 L96329|ref|NM\_005895.3| Homo sapiens golgin A3 (GOLGA3), transcript variant 1, mRNA; gi|289191371|ref|NM\_005895.3| Homo sapiens  
 t 2, mRNA; gi|289191400|ref|NM\_018250.3| Homo sapiens integrator complex subunit 9 (INTS9), transcript variant 1, mRNA; gi|289191399|ref|NM\_018250.3| Homo sapiens  
 ORA70D), small nucleolar RNA; gi|289191398|ref|NM\_018250.3| Homo sapiens  
 YD88), transcript variant 4, mRNA; gi|289546499|ref|NM\_001172566.1| Homo sapiens myeloid differentiation factor 1 (MYD88), transcript variant 2, mRNA; gi|289547193|ref|NM\_001172411.1| Homo sapiens vang-like 1 (van gogh, Drosophila homolog), member 13 (KCNJ13), transcript variant 2, mRNA; gi|289547203|ref|NM\_001172417.1| Homo sapiens poliovirus receptor (PCP2), encoding mitochondrial protein, mRNA; gi|289547202|ref|NM\_001172417.1| Homo sapiens  
 GAP1), transcript variant 2, mRNA; gi|289547211|ref|NM\_001172435.1| Homo sapiens RAB3 GTPase activating protein 1 (RAB3GAP1), transcript variant 2, mRNA; gi|289547499|ref|NM\_000036.2| Homo sapiens adenosine monophosphate deaminase 1 (AMPD1), transcript variant 2, mRNA; gi|289547505|ref|NM\_052948.3| Homo sapiens Rho GTPase activating protein 33 (RHOGEF33), transcript variant 1, mRNA; gi|289547516|ref|NM\_001172631.1| Homo sapiens tectonin beta-propeller repeat domain containing 1 (TECTON), transcript variant 3, mRNA; gi|217330567|ref|NM\_015252.3| Homo sapiens EH domain binding protein 1 (EHBP1), transcript variant 1, mRNA; gi|217330566|ref|NM\_015252.3| Homo sapiens  
 ), transcript variant 3, mRNA; gi|289547525|ref|NM\_025151.4| Homo sapiens RAB11 family interacting protein 1, non-coding RNA; gi|289547535|ref|NM\_025161.5| Homo sapiens chromosome 17 open reading frame 100 (LOC101928), transcript variant 1, mRNA; gi|289547543|ref|NM\_173082.3| Homo sapiens SNF2 domain containing 1 (SNF2DC1), non-coding RNA; gi|289547542|ref|NM\_173082.3| Homo sapiens  
 MY), mRNA; gi|289547551|ref|NM\_001172638.1| Homo sapiens zinc finger protein 62 homolog (ZNF62), transcript variant 1, mRNA; gi|289547561|ref|NM\_001172638.1| Homo sapiens zinc finger protein 62 homolog (ZNF62), transcript variant 5, mRNA; gi|289547563|ref|NM\_006560.3| Homo sapiens CUGBP, Elav-like family member 1 (CUGBP1), transcript variant 1, mRNA; gi|289547570|ref|NM\_199454.2| Homo sapiens PR domain containing 16 (PRDM16), transcript variant 1, mRNA; gi|289547570|ref|NM\_199454.2| Homo sapiens  
 12), mRNA; gi|289547570|ref|NM\_199454.2| Homo sapiens  
 1), mRNA; gi|289547624|ref|NM\_001172517.1| Homo sapiens SATB homeobox 2 (SATB2), transcript variant 3, mRNA; gi|289547624|ref|NM\_001172517.1| Homo sapiens  
 1), mRNA; gi|289547590|ref|NM\_182797.2| Homo sapiens phospholipase C, beta 4 (PLCB4), transcript variant 1, mRNA; gi|289547604|ref|NM\_001172649.1| Homo sapiens CUGBP, Elav-like family member 3 (CUGBP1), transcript variant 1, mRNA; gi|289547606|ref|NM\_003451.2| Homo sapiens zinc finger protein 177 (ZNF177), transcript variant 1, mRNA; gi|289547606|ref|NM\_003451.2| Homo sapiens  
 ng RNA; gi|289547606|ref|NM\_003451.2| Homo sapiens  
 1), mRNA; gi|289547606|ref|NM\_003451.2| Homo sapiens  
 3), mRNA; gi|289547606|ref|NM\_003451.2| Homo sapiens  
 without TM domain), member 3 (LILRA3), transcript variant 2, mRNA; gi|289547630|ref|NM\_006865.3| Homo sapiens  
 RNA; gi|289547637|ref|NM\_018260.2| Homo sapiens zinc finger protein 701 (ZNF701), transcript variant 1, mRNA; gi|289547637|ref|NM\_018260.2| Homo sapiens  
 transcript variant 6, mRNA; gi|289547651|ref|NM\_001172659.1| Homo sapiens zinc finger, FYVE domain containing 1 (ZNF651), transcript variant 2, mRNA; gi|289547666|ref|NM\_001172665.1| Homo sapiens RAB40C, member RAS oncogene family, transcript variant B, mRNA; gi|289547670|ref|NM\_001122646.2| Homo sapiens family with sequence homology to the RAS oncogene family, transcript variant 1, mRNA; gi|289547679|ref|NM\_001172668.1| Homo sapiens zinc finger protein 668 (ZNF668), transcript variant 1, mRNA; gi|289547687|ref|NM\_024840.3| Homo sapiens zinc finger protein 613 (ZNF613), transcript variant 1, mRNA; gi|289547689|ref|NM\_025189.3| Homo sapiens zinc finger protein 430 (ZNF430), transcript variant 2, mRNA; gi|289547689|ref|NM\_025189.3| Homo sapiens

ariant 2, mRNA; gi|68303810|ref|NM\_021938.3| Homo sapiens CUGBP, Elav-like family member 5 (CEI  
rRNA; gi|289547700|ref|NM\_032584.2| Homo sapiens zinc finger protein 347 (ZNF347), transcript vari  
A; gi|289547711|ref|NM\_001172677.1| Homo sapiens zinc finger protein 607 (ZNF607), transcript vari

A; gi|289547720|ref|NM\_001172679.1| Homo sapiens zinc finger protein 764 (ZNF764), transcript vari

riant 3, mRNA; gi|289547727|ref|NM\_001142683.2| Homo sapiens coiled-coil domain containing 121  
A; gi|289547736|ref|NM\_001172682.1| Homo sapiens zinc finger protein 641 (ZNF641), transcript vari  
ariant 3, mRNA; gi|219878492|ref|NM\_052840.4| Homo sapiens CUGBP, Elav-like family member 6 (CI  
A; gi|289547753|ref|NM\_001172560.1| Homo sapiens somatostatin receptor 5 (SSTR5), transcript var  
coding RNA; gi|289547756|ref|NM\_005672.4| Homo sapiens prostate stem cell antigen (PSCA), transci  
inding protein 1 (GGA1), transcript variant 5, mRNA; gi|289577048|ref|NM\_001001560.2| Homo sapie  
rRNA; gi|289577064|ref|NM\_001172692.1| Homo sapiens zinc finger protein 573 (ZNF573), transcript  
ng protein 2 (GGA2), mRNA;

vator 1 beta (PPARGC1B), transcript variant 1, mRNA; gi|289577091|ref|NM\_001172699.1| Homo sapi  
nt 1, mRNA; gi|289577095|ref|NM\_133456.2| Homo sapiens shroom family member 1 (SHROOM1), tr  
l), transcript variant 2, mRNA; gi|289629260|ref|NM\_001171020.1| Homo sapiens melanoma associati  
ot variant 1, mRNA; gi|289577101|ref|NM\_153811.2| Homo sapiens solute carrier family 38, member 6  
inding protein 3 (GGA3), transcript variant 1, mRNA; gi|289577107|ref|NM\_014001.3| Homo sapiens g  
4G2), transcript variant 3, mRNA; gi|111494227|ref|NM\_001418.3| Homo sapiens eukaryotic translati  
577132|ref|NM\_002078.4| Homo sapiens golgin A4 (GOLGA4), transcript variant 2, mRNA;

ense RNA;

DRA70E), small nucleolar RNA;

R4K1), mRNA;

16B), transcript variant 2, mRNA; gi|34335276|ref|NM\_015568.2| Homo sapiens protein phosphatase :  
riant 4, mRNA; gi|66932900|ref|NM\_032986.3| Homo sapiens Sec23 homolog B (S. cerevisiae) (SEC23I

9666747|ref|NM\_152456.2| Homo sapiens interleukin 34 (IL34), transcript variant 1, mRNA; gi|289666  
A; gi|289666755|ref|NM\_001172773.1| Homo sapiens zinc finger protein 548 (ZNF548), transcript vari  
nRNA; gi|289666759|ref|NM\_001172774.1| Homo sapiens dpy-19-like 3 (C. elegans) (DPY19L3), transc  
rRNA; gi|289666761|ref|NM\_152791.4| Homo sapiens zinc finger protein 555 (ZNF555), transcript vari  
nt 3, mRNA; gi|289666781|ref|NM\_001172780.1| Homo sapiens leucine rich repeat containing 34 (LRF  
A; gi|289666794|ref|NR\_033354.1| Homo sapiens zinc finger protein 519 (ZNF519), transcript variant 2  
lar RNA;

ome c oxidase I (TACO1), nuclear gene encoding mitochondrial protein, mRNA;

cript variant 2, mRNA; gi|289802995|ref|NM\_023036.4| Homo sapiens dynein, axonemal, intermediate  
mRNA; gi|289802998|ref|NM\_003773.4| Homo sapiens hyaluronoglucosaminidase 2 (HYAL2), transcrip  
gi|289803000|ref|NM\_005189.2| Homo sapiens chromobox homolog 2 (CBX2), transcript variant 1, m  
iLC30A8), transcript variant 4, mRNA; gi|289803002|ref|NM\_001172811.1| Homo sapiens solute carrie  
IA;

ript variant 1, mRNA; gi|289803022|ref|NM\_001111298.2| Homo sapiens peptidylprolyl isomerase (cyt  
, transcript variant 2, mRNA; gi|29029549|ref|NM\_017424.2| Homo sapiens cat eye syndrome chromo  
gi|29029587|ref|NM\_012280.2| Homo sapiens FtsJ homolog 1 (E. coli) (FTSJ1), transcript variant 1, mR

ranscript variant 1, mRNA; gi|29029604|ref|NM\_176876.1| Homo sapiens purinergic receptor P2Y, G-pr  
ranscript variant 3, mRNA; gi|29029606|ref|NM\_004154.3| Homo sapiens pyrimidinergic receptor P2Y  
2, mRNA; gi|29029616|ref|NM\_005361.2| Homo sapiens melanoma antigen family A, 2 (MAGEA2), tra

2, mRNA; gi|29029625|ref|NM\_005363.2| Homo sapiens melanoma antigen family A, 6 (MAGEA6), tra  
RNA; gi|21361620|ref|NM\_002633.2| Homo sapiens phosphoglucomutase 1 (PGM1), transcript varian

(yeast) (TIMM44), nuclear gene encoding mitochondrial protein, mRNA;

GEF33), mRNA;

463078|ref|NM\_001037293.2| Homo sapiens paralemmin 2 (PALM2), transcript variant 2, mRNA;  
RNA; gi|290542338|ref|NM\_001172832.1| Homo sapiens zinc finger protein 300 (ZNF300), transcript

variant 2, mRNA; gi|290542360|ref|NM\_001172896.1| Homo sapiens caveolin 1, caveolae protein, 22k  
RNA; gi|223029513|ref|NM\_001145083.1| Homo sapiens zinc finger protein 619 (ZNF619), transcript  
t variant 2, mRNA; gi|239050812|ref|NM\_144612.6| Homo sapiens lipoxygenase homology domains 1  
ar RNA;

iant 3, mRNA; gi|116812574|ref|NM\_016258.2| Homo sapiens YTH domain family, member 2 (YTHDF2  
1), transcript variant 1, mRNA; gi|290558672|ref|NR\_033361.1| Homo sapiens transmembrane and co  
ant 1, mRNA; gi|290563142|ref|NM\_016103.3| Homo sapiens SAR1 homolog B (S. cerevisiae) (SAR1B),

2), transcript variant 2, non-coding RNA; gi|290563208|ref|NR\_033363.1| Homo sapiens ATG12 autoph  
RNA;

A;

ranscript variant 1, mRNA; gi|290641207|ref|NM\_002765.4| Homo sapiens phosphoribosyl pyrophosp  
A;

655699|ref|NM\_002499.3| Homo sapiens neogenin 1 (NEO1), transcript variant 1, mRNA; gi|29065601  
encoding mitochondrial protein, transcript variant 3, mRNA; gi|290656935|ref|NM\_004614.4| Homo s  
A; gi|290641470|ref|NR\_033349.1| Homo sapiens retinoic acid induced 2 (RAI2), transcript variant 6,  
variant 3, mRNA; gi|290746375|ref|NM\_015404.3| Homo sapiens deafness, autosomal recessive 31 (C  
2, mRNA; gi|291042664|ref|NM\_019839.4| Homo sapiens leukotriene B4 receptor 2 (LTB4R2), transcrip

ariant 1, mRNA; gi|291042697|ref|NM\_206854.2| Homo sapiens QKI, KH domain containing, RNA bind  
ng RNA;

ariant 2, mRNA; gi|291045451|ref|NM\_001173462.1| Homo sapiens shisa homolog 6 (Xenopus laevis)

ng RNA;

on-coding RNA;

on-coding RNA;

ng RNA;

;

L, non-coding RNA; gi|291045140|ref|NR\_033381.1| Homo sapiens CD99 molecule pseudogene 1 (CD9

ipt variant 1, mRNA; gi|291045182|ref|NM\_001173474.1| Homo sapiens acetylserotonin O-methyltran

clear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|291045188|ref|NM\_005391.4

(GGEF9), transcript variant 3, mRNA; gi|169808402|ref|NM\_015185.2| Homo sapiens Cdc42 guanine nu

5196|ref|NM\_016302.3| Homo sapiens cereblon (CRBN), transcript variant 1, mRNA;

, transcript variant 2, mRNA; gi|291045200|ref|NM\_001142447.2| Homo sapiens ATPase, Na<sup>+</sup>/K<sup>+</sup> tran

RNA;

A1), mRNA;

080|ref|NM\_172314.1| Homo sapiens interleukin 25 (IL25), transcript variant 2, mRNA;

if, 15 (ADAMTS15), mRNA;

7|ref|NM\_133432.3| Homo sapiens titin (TTN), transcript variant novex-1, mRNA; gi|378925624|ref|N

RNA; gi|291045234|ref|NM\_005797.3| Homo sapiens myelin protein zero-like 2 (MPZL2), transcript vai

mRNA; gi|291045256|ref|NM\_080798.3| Homo sapiens collagen, type XIII, alpha 1 (COL13A1), transcri

IFSF14), transcript variant 1, mRNA; gi|291045243|ref|NM\_172014.2| Homo sapiens tumor necrosis fa

HDHAF1), nuclear gene encoding mitochondrial protein, mRNA;

RNA; gi|291045267|ref|NM\_001173513.1| Homo sapiens thioredoxin reductase 3 (TXNRD3), transcript

nscrip variant 5, non-coding RNA; gi|291045273|ref|NM\_001173515.1| Homo sapiens TYRO protein ty

SH), mRNA;

cript variant 3, mRNA; gi|291045291|ref|NM\_014563.5| Homo sapiens trafficking protein particle com

(CDRT7), non-coding RNA;

), transcript variant 2, mRNA; gi|171846247|ref|NM\_015665.5| Homo sapiens achalasia, adrenocortica

it variant 3, non-coding RNA; gi|291084857|ref|NM\_001173468.1| Homo sapiens pyruvate dehydroge

2, mRNA; gi|291045143|ref|NM\_152366.4| Homo sapiens kelch domain containing 9 (KLHDC9), trans

1), non-coding RNA;

10702|ref|NM\_001204197.1| Homo sapiens neurobeachin (NBEA), transcript variant 2, mRNA;

ene encoding mitochondrial protein, transcript variant 2, mRNA; gi|291042688|ref|NM\_001173512.1|

on-coding RNA;

clear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|291084497|ref|NM\_0011726

.NA; gi|291084503|ref|NM\_017544.3| Homo sapiens NFkB repressing factor (NKRF), transcript variant

in-coding RNA;

oding RNA;

291084512|ref|NM\_001173408.1| Homo sapiens obscurin-like 1 (OBSL1), transcript variant 3, mRNA; g

nt 2, mRNA; gi|291084574|ref|NM\_001173517.1| Homo sapiens MAP7 domain containing 3 (MAP7D3)

A; gi|291084634|ref|NM\_001173525.1| Homo sapiens TROVE domain family, member 2 (TROVE2), tra

L1), mRNA;

nuclear gene encoding mitochondrial protein, transcript variant 4, mRNA; gi|291084741|ref|NM\_001111111.1| Homo sapiens BTG3 associated nuclear protein (BTG3), mRNA; gi|291084793|ref|NM\_001173540.1| Homo sapiens BTG3 associated nuclear protein (BTG3), mRNA;

4, mRNA; gi|291167758|ref|NM\_017641.3| Homo sapiens kinesin family member 21A (KIF21A), transcript variant 1, mRNA; gi|291167773|ref|NR\_033396.1| Homo sapiens solute carrier family 22, member 1 (SLC22A2), mRNA;

3), mRNA;

25), mRNA;

B (RBM1B), mRNA;

3, mRNA; gi|148833495|ref|NM\_001098630.1| Homo sapiens interferon regulatory factor 5 (IRF5), transcript variant 1, mRNA; gi|291190749|ref|NM\_001173975.1| Homo sapiens tectonic family member 1 (TCTN1), transcript variant 1, mRNA;

al protein, mRNA;

ule 16 (CEACAM16), mRNA;

IA;

cript variant 2, mRNA; gi|47933345|ref|NM\_019028.2| Homo sapiens zinc finger, DHHC-type containing 1, transcript variant 2, mRNA; gi|291190780|ref|NM\_017640.5| Homo sapiens leucine rich repeat containing 16A (LRP16), mRNA;

2), mRNA;

35), transcript variant 3, mRNA; gi|31077202|ref|NM\_022717.2| Homo sapiens small nuclear ribonucleoprotein A2, mRNA;

mRNA;

mRNA;

A; gi|291219873|ref|NM\_001173452.1| Homo sapiens transcription factor CP2 (TFCP2), transcript variant 1, mRNA; gi|291219881|ref|NM\_001173978.1| Homo sapiens chromosome 14 open reading frame 1, mRNA;

mRNA;

gene (DDX12P), non-coding RNA;

RNA; gi|291219896|ref|NM\_152240.2| Homo sapiens zinc finger, matrin-type 3 (ZMAT3), transcript variant 1, mRNA; gi|291219906|ref|NM\_001173982.1| Homo sapiens carbohydrate (chondroitinase ABC), mRNA;

, transcript variant 1, mRNA; gi|291219906|ref|NM\_001173982.1| Homo sapiens carbohydrate (chondroitinase ABC), mRNA;

; ;

AS1), non-coding RNA;

(STAT2), transcript variant 2, mRNA; gi|291219920|ref|NM\_005419.3| Homo sapiens signal transducer and activator of transcription 2, transcript variant 2, mRNA; gi|291219920|ref|NM\_005419.3| Homo sapiens signal transducer and activator of transcription 2, transcript variant 2, mRNA;

cript variant 3, mRNA; gi|363807200|ref|NM\_001173989.2| Homo sapiens chromosome 9 open reading frame 1, mRNA;

mRNA;

19936|ref|NM\_001014444.2| Homo sapiens crystallin, mu (CRYM), transcript variant 2, mRNA;

ondrial protein, mRNA;

;

'|ref|NM\_015548.4| Homo sapiens dystonin (DST), transcript variant 1eA, mRNA;

a pellucida binding) (SPAM1), transcript variant 5, mRNA; gi|291290978|ref|NM\_001174044.1| Homo sapiens sperm-associated protein 1, transcript variant 1, mRNA; gi|291290978|ref|NM\_001174044.1| Homo sapiens sperm-associated protein 1, transcript variant 1, mRNA;

) (POLR3H), transcript variant 1, mRNA; gi|209571531|ref|NM\_001018052.2| Homo sapiens polymerase beta (POLB), transcript variant 1, mRNA; gi|209571531|ref|NM\_001018052.2| Homo sapiens polymerase beta (POLB), transcript variant 1, mRNA;

ARD8), transcript variant 2, mRNA; gi|291291001|ref|NM\_001142504.2| Homo sapiens StAR-related lipid transfer protein 1, transcript variant 1, mRNA; gi|291291001|ref|NM\_001142504.2| Homo sapiens StAR-related lipid transfer protein 1, transcript variant 1, mRNA;

mRNA;  
, mRNA;  
ant 1, mRNA; gi|291327479|ref|NM\_001174060.1| Homo sapiens oxysterol binding protein-like 10 (OSBP) (C. elegans) (SMG7), transcript variant 5, mRNA; gi|291327486|ref|NM\_201569.2| Homo sapiens smg7, transcript variant 1, mRNA; gi|291327499|ref|NM\_001127235.2| Homo sapiens GC-rich promoter binding protein 1 (GRBP1), mRNA; gi|193804859|ref|NM\_080737.2| Homo sapiens synaptotagmin-like 4 (SYTL4), transcript variant 1, mRNA; gi|117306180|ref|NM\_145109.2| Homo sapiens mitogen-activated protein kinase 1 (MAPK1), transcript variant 4, mRNA; gi|291327511|ref|NM\_177398.3| Homo sapiens LIM homeobox transcript 1 (LHX1), transcript variant 2, mRNA; gi|291327516|ref|NM\_001013622.3| Homo sapiens family with sequence homology to the Drosophila protein, mRNA; gi|291327521|ref|NM\_001174072.1| Homo sapiens serine incorporator 5 (SERINC5), transcript variant 1, mRNA; gi|291463264|ref|NR\_033404.1| Homo sapiens bone morphogenetic protein 1 (BMP1), transcript variant 4, mRNA; gi|291463274|ref|NM\_001174081.1| Homo sapiens NLR family, pyrin domain containing 1 (NLRP1), mRNA;  
, mRNA;  
variant 1, mRNA; gi|291463292|ref|NM\_013274.3| Homo sapiens polymerase (DNA directed), lambda subunit 1, mRNA; gi|223633981|ref|NM\_001145205.1| Homo sapiens shisa homolog 9 (Xenopus laevis) (SHISA9), mRNA;  
BXW4P1), non-coding RNA;  
39A13), transcript variant 2, mRNA; gi|291490666|ref|NM\_001128225.2| Homo sapiens solute carrier family 3 (SLC29A3), transcript variant 1, mRNA; gi|291490682|ref|NM\_001174087.1| Homo sapiens nuclear receptor coactivator 3 (NCOA3), transcript variant 11 (SLC4A11), transcript variant 1, mRNA; gi|291490687|ref|NM\_001174089.1| Homo sapiens solute carrier family 3 (SLC29A3), transcript variant 1, mRNA; gi|116642886|ref|NM\_015488.4| Homo sapiens solute carrier family 3 (SLC29A3), transcript variant 1, mRNA;  
rRNA;  
number 1 (SLC5A1), transcript variant 1, mRNA; gi|372622381|ref|NM\_001256314.1| Homo sapiens solute carrier family 5 (SLC5A1), transcript variant 1, mRNA;  
A; gi|291575127|ref|NM\_001174097.1| Homo sapiens lactate dehydrogenase B (LDHB), transcript variant 1, mRNA; gi|291575133|ref|NR\_033414.1| Homo sapiens solute carrier family 3 (SLC29A3), transcript variant 1, mRNA; gi|291575149|ref|NM\_020418.3| Homo sapiens poly(rC) binding protein 4 (PCBP4), transcript variant 1, mRNA; gi|291575155|ref|NM\_001174102.1| Homo sapiens proline rich 7 (synaptic) (PRR7), transcript variant 1, mRNA; gi|291575160|ref|NM\_000591.3| Homo sapiens CD14 molecule (CD14), transcript variant 1, mRNA; gi|291575175|ref|NM\_000145.3| Homo sapiens follicle stimulating hormone receptor 1 (FSHR), transcript variant 1, mRNA; gi|291575180|ref|NM\_001174092.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575195|ref|NM\_001174103.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575200|ref|NM\_001174104.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575205|ref|NM\_001174105.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575210|ref|NM\_001174106.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575215|ref|NM\_001174107.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575220|ref|NM\_001174108.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575225|ref|NM\_001174109.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575230|ref|NM\_001174110.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575235|ref|NM\_001174111.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575240|ref|NM\_001174112.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575245|ref|NM\_001174113.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575250|ref|NM\_001174114.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575255|ref|NM\_001174115.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575260|ref|NM\_001174116.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575265|ref|NM\_001174117.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575270|ref|NM\_001174118.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575275|ref|NM\_001174119.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575280|ref|NM\_001174120.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575285|ref|NM\_001174121.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575290|ref|NM\_001174122.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575295|ref|NM\_001174123.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575300|ref|NM\_001174124.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575305|ref|NM\_001174125.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575310|ref|NM\_001174126.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575315|ref|NM\_001174127.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575320|ref|NM\_001174128.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575325|ref|NM\_001174129.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575330|ref|NM\_001174130.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575335|ref|NM\_001174131.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575340|ref|NM\_001174132.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575345|ref|NM\_001174133.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575350|ref|NM\_001174134.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575355|ref|NM\_001174135.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575360|ref|NM\_001174136.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575365|ref|NM\_001174137.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575370|ref|NM\_001174138.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575375|ref|NM\_001174139.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575380|ref|NM\_001174140.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575385|ref|NM\_001174141.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575390|ref|NM\_001174142.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575395|ref|NM\_001174143.1| Homo sapiens transmembrane protein 185A (TMEM185A), transcript variant 1, mRNA;  
rRNA;  
variant 1, mRNA; gi|291575400|ref|NM\_001174144.



t variant 7, mRNA; gi|291575189|ref|NM\_001174095.1| Homo sapiens zinc finger E-box binding home

e) (GTF2H2B), non-coding RNA;

), mRNA;

: 14 (CHST14), mRNA;

'6G6E), transcript variant 2, non-coding RNA; gi|215277014|ref|NR\_024541.1| Homo sapiens lymphocy  
)), mRNA;

1621659|ref|NM\_001174117.1| Homo sapiens Dmx-like 2 (DMXL2), transcript variant 3, mRNA; gi|291  
script variant 5, mRNA; gi|291621674|ref|NM\_001174122.1| Homo sapiens zinc finger, FYVE domain c  
RNA;

5P2), non-coding RNA;

oding RNA; gi|291621683|ref|NR\_024057.2| Homo sapiens zinc finger protein 542 (ZNF542), transcript  
9A2), transcript variant 1, mRNA; gi|375268710|ref|NM\_001256588.1| Homo sapiens solute carrier fa  
ding RNA;

iding RNA;

encoding mitochondrial protein, transcript variant 1, mRNA; gi|291621697|ref|NM\_198047.2| Homo s  
transporter 12) (SLC16A12), mRNA;

g RNA;

: 5 (DNAJA1P5), non-coding RNA;

member 1 (ATP8B1), mRNA;

.), non-coding RNA;

eolar RNA;

194394224|ref|NR\_024033.1| Homo sapiens interleukin 9 receptor (IL9R), transcript variant 2, non-coc  
tase (ILKAP), mRNA;

1, mRNA; gi|29171704|ref|NM\_177433.1| Homo sapiens melanoma antigen family D, 2 (MAGED2), tra  
D1), transcript variant 2, mRNA; gi|29171716|ref|NM\_001503.2| Homo sapiens glycosylphosphatidylin

;

: variant 2, mRNA; gi|29171735|ref|NM\_003711.2| Homo sapiens phosphatidic acid phosphatase type  
variant 2, mRNA; gi|29171746|ref|NM\_177543.1| Homo sapiens phosphatidic acid phosphatase type :

mRNA;

IA;

.RRCC1), mRNA;

script variant 2, mRNA; gi|292494881|ref|NM\_003212.3| Homo sapiens teratocarcinoma-derived grov  
94891|ref|NM\_001174138.1| Homo sapiens cholecystokinin (CCK), transcript variant 2, mRNA;

anscript variant 3, mRNA; gi|292494914|ref|NM\_001174147.1| Homo sapiens LIM homeobox transcrip  
mRNA;

), transcript variant 2, mRNA; gi|335334978|ref|NM\_032548.3| Homo sapiens ankyrin repeat and BTB

tamate transporter, system Xag), member 1 (SLC1A1), mRNA;

it variant 2, mRNA; gi|292658772|ref|NM\_001174156.1| Homo sapiens sterile alpha motif domain con

[illegible]

ariant 3, mRNA; gi|294610664|ref|NM\_001177506.1| Homo sapiens acyloxyacyl hydrolase (neutrophil  
variant 4, non-coding RNA; gi|294660763|ref|NR\_033488.1| Homo sapiens abhydrolase domain containi  
ript variant 2, mRNA; gi|294660771|ref|NM\_001177520.1| Homo sapiens alkaline phosphatase, liver/b  
nt 1, mRNA; gi|294774549|ref|NM\_001177548.1| Homo sapiens sialic acid binding Ig-like lectin 6 (SIGL  
1A), transcript variant 1, mRNA; gi|294774553|ref|NR\_033500.1| Homo sapiens protein phosphatase 2



12490|ref|NM\_004177.4| Homo sapiens syntaxin 3 (STX3), transcript variant 1, mRNA;  
acyl-CoA binding protein) (DBI), transcript variant 5, mRNA; gi|295849265|ref|NM\_001178017.1| Homo  
ucible protein p78 (mouse) (MX1), transcript variant 3, mRNA; gi|222136616|ref|NM\_002462.3| Homo  
t variant 1, non-coding RNA; gi|295849284|ref|NR\_033651.1| Homo sapiens uncharacterized LOC1001

E domain) member 2 (PLEKHF2), mRNA;  
8), transcript variant 3, mRNA; gi|295844828|ref|NM\_001178055.1| Homo sapiens poly (ADP-ribose) p

;

st variant 2, mRNA; gi|295842555|ref|NM\_001178045.1| Homo sapiens solute carrier family 44, mem  
849288|ref|NM\_013251.3| Homo sapiens tachykinin 3 (TAC3), transcript variant 1, mRNA; gi|2958492

ding RNA; gi|285002250|ref|NM\_000027.3| Homo sapiens aspartylglucosaminidase (AGA), transcript v  
ats 1B (IFIT1B), mRNA;

mic domain, (semaphorin) 6C (SEMA6C), transcript variant 2, mRNA; gi|295849300|ref|NM\_001178062  
VA;

mitochondrial protein, mRNA;

NA;

5, mRNA; gi|195972908|ref|NM\_001130969.1| Homo sapiens nasal embryonic LHRH factor (NELF), tra  
nRNA; gi|189409146|ref|NM\_000388.3| Homo sapiens calcium-sensing receptor (CASR), transcript vari  
296010812|ref|NM\_004853.2| Homo sapiens syntaxin 8 (STX8), transcript variant 1, mRNA;  
antitrypsin), member 7 (SERPINA7), mRNA;  
ene encoding mitochondrial protein, mRNA;

VA;

t variant 1, mRNA; gi|296010841|ref|NM\_001178074.1| Homo sapiens glutamate receptor interacting  
transcript variant 3, mRNA; gi|296010851|ref|NM\_001178077.1| Homo sapiens asparagine synthetase (gl  
t 4, mRNA; gi|296010855|ref|NM\_000577.4| Homo sapiens interleukin 1 receptor antagonist (IL1RN), 1  
3), mRNA;

leukin-4 induced (STAT6), transcript variant 1, mRNA; gi|296010867|ref|NM\_001178080.1| Homo sapi

mRNA; gi|296010907|ref|NM\_001178095.1| Homo sapiens zinc finger protein, X-linked (ZFX), transcrip  
RNA;

script variant 1, mRNA; gi|296010884|ref|NM\_022978.2| Homo sapiens small EDRK-rich factor 1B (cen  
010888|ref|NM\_001178088.1| Homo sapiens synaptojanin 2 (SYNJ2), transcript variant 2, mRNA;  
ing RNA;

A; gi|296010894|ref|NM\_001178089.1| Homo sapiens zinc finger protein 454 (ZNF454), transcript variant 3, mRNA; gi|296010903|ref|NM\_001178093.1| Homo sapiens branched chain amino acid oxidase 1, transcript variant 1, mRNA; gi|296010911|ref|NM\_001178096.1| Homo sapiens coagulation factor III (thrombinogen), transcript variant 1, mRNA;

|296040487|ref|NM\_005387.5| Homo sapiens nucleoporin 98kDa (NUP98), transcript variant 3, mRNA  
mRNA; gi|296040490|ref|NM\_001184714.1| Homo sapiens SLAM family member 6 (SLAMF6), transcri

nRNA;

0506|ref|NM\_001184721.1| Homo sapiens glycogenin 1 (GYG1), transcript variant 3, mRNA; gi|296040

script variant 1, mRNA; gi|296040510|ref|NM\_001184723.1| Homo sapiens transmembrane 4 L six fan  
nRNA;

NA;

gi|296040524|ref|NR\_033663.1| Homo sapiens erythropoietin receptor (EPOR), transcript variant 2,  
, transcript variant 1, mRNA; gi|296080690|ref|NM\_001184718.1| Homo sapiens TCDD-inducible poly(  
mRNA; gi|296080692|ref|NM\_001184722.1| Homo sapiens glucose-6-phosphate isomerase (GPI), tran  
ne encoding mitochondrial protein, mRNA;

6080703|ref|NM\_001184726.1| Homo sapiens transcobalamin II (TCN2), transcript variant 2, mRNA;  
r (PIGT), transcript variant 4, mRNA; gi|296080708|ref|NM\_015937.4| Homo sapiens phosphatidylinosi  
t variant 2, mRNA; gi|296080715|ref|NM\_021081.4| Homo sapiens growth hormone releasing hormon  
ember 8 (SLC22A8), transcript variant 3, mRNA; gi|296080733|ref|NM\_001184736.1| Homo sapiens sol  
30726|ref|NM\_198186.3| Homo sapiens astrotactin 2 (ASTN2), transcript variant 2, mRNA; gi|2960807  
ript variant 1, mRNA; gi|296080722|ref|NM\_001032396.2| Homo sapiens praja ring finger 1, E3 ubiqu  
ariant 1, mRNA; gi|296080747|ref|NM\_001002838.3| Homo sapiens WNK lysine deficient protein kinas  
3629|ref|NM\_005231.3| Homo sapiens cortactin (CTTN), transcript variant 1, mRNA; gi|296080743|ref

NA;

7) (PPBP), mRNA;

|296080753|ref|NM\_001184741.1| Homo sapiens fibrinogen beta chain (FGB), transcript variant 2, mR

ranscript variant 1, mRNA; gi|296080758|ref|NM\_032507.3| Homo sapiens piggyBac transposable eleme  
riant 2, mRNA; gi|39995096|ref|NM\_000316.2| Homo sapiens parathyroid hormone 1 receptor (PTH1  
ranscript variant 1, mRNA; gi|296080763|ref|NM\_001184745.1| Homo sapiens protein phosphatase 1,  
subunit 2 (30kDa) (PAFAH1B2), transcript variant 4, mRNA; gi|296080759|ref|NM\_002572.3| Homo sa  
variant 2, mRNA; gi|296080774|ref|NM\_001184750.1| Homo sapiens SLIT and NTRK-like family, memb  
number 7 (TRPM7), mRNA;

A; gi|296080782|ref|NM\_001184751.1| Homo sapiens zinc finger protein 408 (ZNF408), transcript vari  
ymerase I, D, 41kDa (TAF1D), mRNA;

A; gi|296179378|ref|NM\_007096.3| Homo sapiens clathrin, light chain A (CLTA), transcript variant 2, m  
A; gi|296179388|ref|NM\_020994.3| Homo sapiens cancer/testis antigen 2 (CTAG2), transcript variant 2

variant 1, mRNA; gi|296179404|ref|NM\_144624.2| Homo sapiens U2AF homology motif (UHM) kinase  
pt variant 2, mRNA; gi|296179398|ref|NM\_001184766.1| Homo sapiens outer dense fiber of sperm ta

script variant 3, mRNA; gi|296179419|ref|NR\_033670.1| Homo sapiens armadillo repeat containing, X-variant 1, mRNA; gi|296179422|ref|NM\_001184771.1| Homo sapiens CPX chromosome region, candida coding mitochondrial protein, transcript variant 2, mRNA; gi|296179426|ref|NM\_001184705.2| Homo sapiens transcript variant 5, mRNA; gi|296179434|ref|NM\_021115.4| Homo sapiens seizure related 6 homolog (mouse) (FAM45B), non-coding RNA;

RD3), transcript variant 9, mRNA; gi|296278199|ref|NM\_001184791.1| Homo sapiens par-3 partitioning protein 2 (TFDP2), transcript variant 5, mRNA; gi|296278216|ref|NM\_001178139.1| Homo sapiens transcription factor 5 (TFX5), transcript variant 2, mRNA; gi|296278233|ref|NR\_033672.1| Homo sapiens NADPH oxidase, EF-hand domain containing 1, transcript variant 2, mRNA; gi|157388907|ref|NM\_017848.4| Homo sapiens family with sequence similarity 12C member 5, non-coding RNA; gi|291084734|ref|NM\_001173533.1| Homo sapiens DiGeorge syndrome critical region 1, mitochondrial protein, mRNA;

mitochondrial protein, mRNA;

transcript variant 2, mRNA; gi|296317237|ref|NM\_003846.2| Homo sapiens peroxisomal biogenesis factor 1, transcript variant 1, mRNA;

mRNA;

transcript variant 1, mRNA; gi|296317242|ref|NM\_015292.2| Homo sapiens extended synaptotagmin-like protein 1, transcript variant 1, mRNA;

gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|296317247|ref|NM\_018196.3| Homo sapiens nuclear gene encoding mitochondrial protein, mRNA;

A;

(INTU), mRNA;

), transcript variant 1, mRNA; gi|296317279|ref|NM\_001184801.1| Homo sapiens ubiquitin protein ligase 1 (UBA1), transcript variant 1, mRNA;

ant 3, mRNA; gi|296317284|ref|NM\_001079858.2| Homo sapiens G protein-coupled receptor 64 (GPR64) (biliary glycoprotein) (CEACAM1), transcript variant 1, mRNA; gi|296317304|ref|NM\_001184813.1| Homo sapiens G protein-coupled receptor 64 (GPR64) (biliary glycoprotein) (CEACAM1), transcript variant 2, mRNA; gi|296317323|ref|NM\_001184819.1| Homo sapiens guanine nucleotide-binding protein (GTPase) 1, transcript variant 1, mRNA;

ene encoding mitochondrial protein, transcript variant 3, mRNA; gi|296317336|ref|NM\_001184783.1| Homo sapiens protein arginine methyltransferase 1, transcript variant 1, mRNA; gi|296317342|ref|NM\_001184824.1| Homo sapiens protein arginine methyltransferase 1, transcript variant 3, mRNA; gi|296317344|ref|NM\_001184825.1| Homo sapiens pregnancy specific beta-1-globulin, transcript variant 1, mRNA;

t 1, mRNA; gi|296317362|ref|NM\_174944.3| Homo sapiens testis-specific serine kinase 4 (TSSK4), transcript variant 2, non-coding RNA; gi|296434212|ref|NM\_019070.4| Homo sapiens DEAD (Asp-Glu-Ala-Asp) domain containing 3, mRNA; gi|296434230|ref|NM\_017566.3| Homo sapiens kelch domain containing 4 (KLHDC4), transcript variant 1, mRNA;

gi|296434267|ref|NM\_001184872.1| Homo sapiens Fc receptor-like A (FCRLA), transcript variant 5, mRNA;

previsiae) (PDS5B), mRNA;

mRNA;

296434291|ref|NM\_001184882.1| Homo sapiens CD84 molecule (CD84), transcript variant 4, mRNA; gi|





97206753|ref|NM\_001184999.1| Homo sapiens KIAA0430 (KIAA0430), transcript variant 3, mRNA; gi|2  
transcript variant 3, mRNA; gi|148368986|ref|NM\_014551.4| Homo sapiens non-SMC condensin II cor  
, 8kDa (NDUFA2), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|2972067

06812|ref|NM\_001185023.1| Homo sapiens claudin 7 (CLDN7), transcript variant 3, mRNA; gi|2972068  
ariant 2, mRNA; gi|297206816|ref|NM\_001185024.1| Homo sapiens zinc finger, DHHC-type containing  
(NADH-coenzyme Q reductase) (NDUFS5), nuclear gene encoding mitochondrial protein, transcript varia  
ipled (HTR4), transcript variant g, mRNA; gi|297206832|ref|NM\_001040172.2| Homo sapiens 5-hydrox

ariant 1, mRNA; gi|297206865|ref|NM\_001008222.2| Homo sapiens zinc finger, DHHC-type containing  
, mRNA; gi|297206871|ref|NM\_007292.5| Homo sapiens acyl-CoA oxidase 1, palmitoyl (ACOX1), transcr  
ant 4, non-coding RNA; gi|66882377|ref|NM\_002027.2| Homo sapiens farnesyltransferase, CAAX box,

RNA;

ariant 2, mRNA; gi|297307114|ref|NM\_198098.2| Homo sapiens aquaporin 1 (Colton blood group) (AQP  
nRNA; gi|297307121|ref|NM\_007131.3| Homo sapiens zinc finger protein 75D (ZNF75D), transcript vai  
, 39kDa (NDUFA9), nuclear gene encoding mitochondrial protein, mRNA;

|297307159|ref|NM\_001185055.1| Homo sapiens adducin 2 (beta) (ADD2), transcript variant 6, mRNA  
5947370|ref|NM\_005602.5| Homo sapiens claudin 11 (CLDN11), transcript variant 1, mRNA;  
cript variant 3, mRNA; gi|297307110|ref|NM\_001185059.1| Homo sapiens zinc finger, CCHC domain co  
DRA70C), small nucleolar RNA;

transcript variant 1, mRNA; gi|297374783|ref|NM\_004309.4| Homo sapiens Rho GDP dissociation inhibi  
it ISO12, mRNA; gi|297374775|ref|NR\_033699.1| Homo sapiens fragile X mental retardation 1 (FMR1),  
tide (ATP12A), transcript variant 1, mRNA; gi|297374797|ref|NM\_001676.5| Homo sapiens ATPase, H+  
VA;

RIN1), transcript variant NR1-2, mRNA; gi|297374805|ref|NM\_000832.6| Homo sapiens glutamate rec  
int 1, mRNA; gi|297374819|ref|NR\_033701.1| Homo sapiens allograft inflammatory factor 1-like (AIF1  
|ref|NM\_000207.2| Homo sapiens insulin (INS), transcript variant 1, mRNA; gi|297374822|ref|NM\_00  
374829|ref|NM\_001185101.1| Homo sapiens CD22 molecule (CD22), transcript variant 4, mRNA; gi|29

7515453|ref|NM\_014343.2| Homo sapiens claudin 15 (CLDN15), transcript variant 2, mRNA;  
ontaining 2 (PLCXD2), transcript variant 2, mRNA; gi|297515470|ref|NM\_001185106.1| Homo sapiens p

RNA;

NA; gi|342187286|ref|NM\_001004722.3| Homo sapiens NCK adaptor protein 2 (NCK2), transcript varia  
ant 3, mRNA; gi|297591814|ref|NM\_138697.3| Homo sapiens taste receptor, type 1, member 1 (TAS1R  
VA;

AL1), transcript variant 3, mRNA; gi|297591821|ref|NM\_173216.2| Homo sapiens ST6 beta-galactosam  
BD13), mRNA;

cript variant 2, mRNA; gi|297591832|ref|NR\_033704.1| Homo sapiens vesicle-associated membrane p  
main) (NOL3), transcript variant 1, mRNA; gi|297632340|ref|NM\_003946.4| Homo sapiens nucleolar pr  
7|ref|NM\_001185093.1| Homo sapiens nitrilase 1 (NIT1), transcript variant 3, mRNA; gi|297632345|re

ne encoding mitochondrial protein, mRNA;  
, mRNA;

08736977|ref|NR\_036684.1| Homo sapiens carboxylesterase 2 (CES2), transcript variant 3, non-coding  
7632402|ref|NM\_006850.3| Homo sapiens interleukin 24 (IL24), transcript variant 1, mRNA; gi|297632  
transcript variant 2, non-coding RNA; gi|297747267|ref|NR\_033711.1| Homo sapiens TP73 antisense RNA  
97632392|ref|NM\_001740.4| Homo sapiens calbindin 2 (CALB2), transcript variant CALB2, mRNA; gi|29  
97747274|ref|NM\_001185177.1| Homo sapiens carboxylesterase 3 (CES3), transcript variant 2, mRNA;  
ator 1 (LAMTOR1), mRNA;  
t variant 5, non-coding RNA; gi|297747290|ref|NM\_005638.5| Homo sapiens vesicle-associated membe  
47326|ref|NR\_033716.1| Homo sapiens sorting nexin 7 (SNX7), transcript variant 3, non-coding RNA; g  
gi|297747372|ref|NM\_018657.4| Homo sapiens myoneurin (MYNN), transcript variant 1, mRNA; gi|297

variant 1, mRNA; gi|298104088|ref|NM\_001190182.1| Homo sapiens coiled-coil domain containing 17  
gi|298104108|ref|NM\_130465.4| Homo sapiens tetraspanin 17 (TSPAN17), transcript variant 2, mRNA,

mRNA;

80), transcript variant 1, mRNA; gi|298160997|ref|NM\_001190242.1| Homo sapiens intraflagellar trans  
RNA; gi|298229000|ref|NR\_033730.1| Homo sapiens zinc finger protein 630 (ZNF630), transcript varia  
x homolog, Drosophila); translocated to, 4 (MLLT4), transcript variant 2, mRNA; gi|333108223|ref|NM\_  
gi|298231103|ref|NM\_025133.4| Homo sapiens F-box protein 11 (FBXO11), transcript variant 1, mRN  
IP8), mRNA;

variant 2, non-coding RNA; gi|193794845|ref|NM\_006089.2| Homo sapiens sex comb on midleg-like 2  
A; gi|298231187|ref|NM\_001190201.1| Homo sapiens carboxylesterase 4A (CES4A), transcript variant  
R1), transcript variant 3, mRNA; gi|298231191|ref|NM\_005087.3| Homo sapiens fragile X mental retar

1), transcript variant 7, mRNA; gi|298231208|ref|NM\_001130859.2| Homo sapiens diphosphoinositol  
, nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|298231216|ref|NR\_033  
nRNA; gi|298231234|ref|NM\_004302.4| Homo sapiens activin A receptor, type 1B (ACVR1B), transcript  
ript variant 3, mRNA; gi|298231244|ref|NM\_001190260.1| Homo sapiens germinal center expressed tr  
it 1, non-coding RNA; gi|223671901|ref|NR\_002923.2| Homo sapiens BCL6 corepressor pseudogene 1

, mRNA;

e encoding mitochondrial protein, transcript variant 1, mRNA; gi|29826284|ref|NM\_177988.1| Homo s  
IA;

RNA; gi|29826298|ref|NM\_177976.1| Homo sapiens ADP-ribosylation factor-like 6 (ARL6), transcript v  
2, mRNA; gi|60499016|ref|NM\_001012644.1| Homo sapiens dual specificity phosphatase 15 (DUSP15

t 1, mRNA; gi|298286490|ref|NM\_001130723.2| Homo sapiens adenosylhomocysteinase-like 2 (AHCYI  
|298286495|ref|NM\_001185010.2| Homo sapiens ring finger protein 4 (RNF4), transcript variant 3, mR

variant 4, mRNA; gi|298286517|ref|NM\_001146179.2| Homo sapiens inositol hexakisphosphate kinase  
nscript variant 2, mRNA; gi|298358603|ref|NM\_022720.6| Homo sapiens DiGeorge syndrome critical r  
-DQA2), mRNA;

e encoding mitochondrial protein, transcript variant 1, mRNA; gi|298358684|ref|NM\_001190328.1| Hc

cript variant 4, mRNA; gi|298358692|ref|NM\_016210.4| Homo sapiens chromosome 3 open reading fr  
 iant 2, non-coding RNA; gi|298358761|ref|NR\_033733.1| Homo sapiens crystallin, beta B2 pseudogene  
 i (REREP3), non-coding RNA;  
 4X1), mRNA;  
 ubunit G (ATP5L), transcript variant 2, non-coding RNA; gi|51479155|ref|NM\_006476.4| Homo sapiens  
 on-coding RNA;  
 lex, subunit s (factor B) (ATP5S), nuclear gene encoding mitochondrial protein, transcript variant 2, mRN  
 script variant 4, mRNA; gi|298493308|ref|NM\_001171509.2| Homo sapiens multiple coagulation factor  
 A;  
 coding RNA;  
 ubunit E (ATP5I), transcript variant 2, non-coding RNA; gi|298493319|ref|NM\_007100.3| Homo sapien  
 566211|ref|NM\_001126059.2| Homo sapiens dermokine (DMKN), transcript variant 6, mRNA; gi|2985  
 NA; gi|298566290|ref|NM\_148899.3| Homo sapiens forkhead box P2 (FOXP2), transcript variant 3, mF  
 ig 11, pseudogene (TMED11P), non-coding RNA;  
 ript variant 1, mRNA; gi|298566306|ref|NM\_001164469.2| Homo sapiens TMED7-TICAM2 readthrough  
 SB9P1), non-coding RNA;  
 inosamine kinase (GNE), transcript variant 4, mRNA; gi|298566324|ref|NM\_001190388.1| Homo sapien  
 idogene 1 (ROCK1P1), non-coding RNA;  
 drial protein, transcript variant 7, mRNA; gi|298566319|ref|NM\_013410.3| Homo sapiens adenylate ki  
 RNA;  
  
 g RNA;  
 logene 1 (BASP1P1), non-coding RNA;  
 ;  
  
 e 4 (HSD3BP4), non-coding RNA;  
 )), non-coding RNA;  
 (SPRNP1), non-coding RNA;  
 ript variant 4, mRNA; gi|298676509|ref|NM\_001190411.1| Homo sapiens rabphilin 3A-like (without C  
 on-coding RNA;  
 sociated factor, 80kDa (TAF6), transcript variant 6, non-coding RNA; gi|298676521|ref|NM\_005641.3|  
 nscript variant 1, mRNA; gi|298676531|ref|NM\_015269.2| Homo sapiens zinc finger, CCHC domain con  
 iant 3, mRNA; gi|298919177|ref|NM\_006311.3| Homo sapiens nuclear receptor corepressor 1 (NCOR1  
 IA;  
 i|298919186|ref|NM\_173060.3| Homo sapiens calpastatin (CAST), transcript variant 2, mRNA; gi|2989  
 on-coding RNA;  
 IT2), non-coding RNA;  
 tiporter 7), member 7 pseudogene 1 (SLC9A7P1), non-coding RNA;  
 script variant A, mRNA; gi|298919217|ref|NM\_006119.4| Homo sapiens fibroblast growth factor 8 (anc  
 pseudogene) (OR1D4), non-coding RNA;  
  
 PP2R3A), transcript variant 3, mRNA; gi|299115259|ref|NM\_181897.2| Homo sapiens protein phospho  
 ;  
  
 itously expressed (FAU), mRNA;  
 ophila) (ROBO2), transcript variant 1, mRNA; gi|299116179|ref|NM\_002942.4| Homo sapiens roundab

9116736|ref|NM\_001468.4| Homo sapiens G antigen 1 (GAGE1), transcript variant 1, mRNA;

script variant 3, mRNA; gi|299473760|ref|NM\_153742.4| Homo sapiens cystathionase (cystathionine g  
it variant 2, mRNA; gi|299473761|ref|NM\_173463.4| Homo sapiens coiled-coil domain containing 149  
mRNA;

: variant 4, mRNA; gi|299473778|ref|NM\_001190468.1| Homo sapiens glial cell derived neurotrophic f

982|ref|NM\_022111.3| Homo sapiens claspin (CLSPN), transcript variant 1, mRNA;  
anscript variant a, mRNA; gi|299523003|ref|NM\_172353.2| Homo sapiens CD46 molecule, complemen  
;  
|ref|NR\_033806.1| Homo sapiens opsin 5 (OPN5), transcript variant 2, non-coding RNA;  
'3A5), transcript variant 5, non-coding RNA; gi|306518610|ref|NR\_033807.1| Homo sapiens cytochrom

NF), mRNA;

L (SUGT1P1), non-coding RNA;  
gi|299523232|ref|NM\_182775.2| Homo sapiens ALS2 C-terminal like (ALS2CL), transcript variant 3, mR

VA;

758517|ref|NM\_001005362.2| Homo sapiens dynamin 2 (DNM2), transcript variant 4, mRNA; gi|29975  
;  
;

drial protein, mRNA;

n-coding RNA; gi|299758434|ref|NM\_006917.4| Homo sapiens retinoid X receptor, gamma (RXRG), tra  
transcript variant 2, mRNA; gi|299758437|ref|NM\_032918.2| Homo sapiens RAS-like, estrogen-regulat  
.), transcript variant 1, mRNA; gi|299758453|ref|NM\_001190729.1| Homo sapiens Ral GEF with PH dor  
n-coding RNA; gi|299758460|ref|NM\_032775.3| Homo sapiens kelch-like 22 (Drosophila) (KLHL22), tra  
A;  
|299758477|ref|NM\_005596.3| Homo sapiens nuclear factor I/B (NFIB), transcript variant 3, mRNA; gi

P2), non-coding RNA;

LRF2), mRNA;

ng RNA;  
n-coding RNA;  
er 10 (KCNJ10), mRNA;  
;  
ng mitochondrial protein, transcript variant beta, mRNA; gi|299782536|ref|NM\_013975.3| Homo sapiens  
;

3A), transcript variant 4, non-coding RNA; gi|299782542|ref|NM\_002641.3| Homo sapiens phosphatidyl  
on-coding RNA;  
;

on-coding RNA;  
;  
S1), non-coding RNA;  
;  
;  
782557|ref|NM\_015080.3| Homo sapiens neurexin 2 (NRXN2), transcript variant alpha-1, mRNA; gi|29

;  
;  
;  
pseudogene (MGC39372), non-coding RNA;  
;  
58|ref|NM\_000899.4| Homo sapiens KIT ligand (KITLG), transcript variant b, mRNA;  
;

;  
on-coding RNA;  
RNA;  
gene (LOC100288974), non-coding RNA;  
ne encoding mitochondrial protein, mRNA;  
;  
on-coding RNA;  
y member 3) (MPP3), transcript variant 1, mRNA; gi|299782585|ref|NR\_003562.2| Homo sapiens men

Q6975), non-coding RNA;  
;  
RNA;

on-coding RNA;  
, mRNA;  
ng RNA;  
ng RNA;  
ng RNA;  
eudogene (CYP4F24P), non-coding RNA;

15P2), non-coding RNA;

2), mRNA;

A; gi|299782607|ref|NM\_001190791.1| Homo sapiens zinc finger protein 317 (ZNF317), transcript variant 1, non-coding RNA;

ember 1 pseudogene (LOC392232), non-coding RNA;

(HNRNPKP3), non-coding RNA;

on-coding RNA;

nRNA; gi|299829174|ref|NM\_001079877.2| Homo sapiens RAS p21 protein activator 4 (RASA4), transcript variant 1, non-coding RNA;

;

;

e (ARVCF), mRNA;

NA; gi|299829173|ref|NM\_006153.4| Homo sapiens NCK adaptor protein 1 (NCK1), transcript variant 1, non-coding RNA;

;

;

on-coding RNA;

;

-coding RNA;

(TTY14), non-coding RNA;

(PKP), non-coding RNA;

non-coding RNA;

;

9829209|ref|NM\_001190799.1| Homo sapiens polo-like kinase 4 (PLK4), transcript variant 2, mRNA; gi|299829200|ref|NM\_004320.4| Homo sapiens ATPase, Ca++ transmembrane protein 1, non-coding RNA;

;

;

;

(LOC338579), non-coding RNA;

ript variant 3, mRNA; gi|299829217|ref|NM\_002504.4| Homo sapiens nuclear transcription factor, X-box binding protein 1, non-coding RNA;

;

;

), mRNA;

;

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), mRNA;

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;

; gi|299829241|ref|NR\_033901.1| Homo sapiens uncharacterized LOC285441 (LOC285441), non-coding RNA;

29248|ref|NR\_033902.1| Homo sapiens KIAA1967 (KIAA1967), transcript variant 2, non-coding RNA;

tisense RNA;

;

.NA;

A;

anscript variant 2, mRNA; gi|299829256|ref|NM\_021931.3| Homo sapiens DEAH (Asp-Glu-Ala-His) box protein 1, non-coding RNA;

main 9 (AGAP9), mRNA;  
., mRNA; gi|299829260|ref|NM\_001351.3| Homo sapiens deleted in azoospermia-like (DAZL), transcrip  
ig RNA;  
RNA;  
, non-coding RNA;  
eurotoxin) pseudogene (ECRP), non-coding RNA;  
;

non-coding RNA;

on-coding RNA;  
t variant 3, mRNA; gi|299890791|ref|NM\_004153.3| Homo sapiens origin recognition complex, subuni  
ng RNA;  
ng RNA;  
ng RNA;  
on-coding RNA;  
mRNA; gi|299890804|ref|NM\_001190821.1| Homo sapiens SMAD family member 7 (SMAD7), transcri  
iant 2, non-coding RNA; gi|299890812|ref|NM\_006190.4| Homo sapiens origin recognition complex, si  
;

on-coding RNA;  
;  
;  
;  
;  
;  
coding RNA;  
; RNA;  
l, transcript variant 1, mRNA; gi|299890831|ref|NM\_001190826.1| Homo sapiens family with sequence  
t 1, non-coding RNA; gi|301897529|ref|NR\_036444.1| Homo sapiens uncharacterized LOC400550 (LOC  
;  
on-coding RNA;  
;

;  
;  
GR2B), transcript variant 5, mRNA; gi|299890842|ref|NM\_004001.4| Homo sapiens Fc fragment of IgG  
NA;  
er in B-cells inhibitor, zeta (NFKBIZ), transcript variant 2, mRNA; gi|299890851|ref|NM\_031419.3| Hom  
-coding RNA;  
IP2), non-coding RNA;  
890884|ref|NM\_023019.3| Homo sapiens dynactin 1 (DCTN1), transcript variant 2, mRNA; gi|2998908  
99890878|ref|NM\_001190839.1| Homo sapiens matrix Gla protein (MGP), transcript variant 1, mRNA;

NA;  
NA;



r gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|300068921|ref|NM\_021821.3| Homo sapiens  
ng RNA;

;

RNA;

-coding RNA;

;

ng RNA;

3) (PKP1), transcript variant 1b, mRNA; gi|300068949|ref|NM\_001005337.2| Homo sapiens plakophilin

ng RNA;

ng RNA;

ng RNA;

ng RNA;

ng RNA;

ng RNA;

ie (LOC728377), non-coding RNA;

;

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'), transcript variant 4, non-coding RNA; gi|300068998|ref|NR\_033953.1| Homo sapiens purinergic rece

;

;

ie (C. elegans) pseudogene (LOC100506060), non-coding RNA;

;

transcript variant 5, mRNA; gi|300069012|ref|NM\_001190848.1| Homo sapiens CCR4-NOT transcriptior

i2), non-coding RNA;

;

i|300116154|ref|NM\_181458.3| Homo sapiens paired box 3 (PAX3), transcript variant PAX3D, mRNA; g

2, mRNA; gi|300116185|ref|NM\_002595.4| Homo sapiens cyclin-dependent kinase 17 (CDK17), transcr  
RNA;

t 2, mRNA; gi|308153252|ref|NM\_148906.2| Homo sapiens oxysterol binding protein-like 9 (OSBPL9),

;

;

ng RNA;

AS1), non-coding RNA;

;  
;  
;  
;  
transcript variant 2, mRNA; gi|300116250|ref|NM\_022785.3| Homo sapiens EF-hand calcium binding domain 6 (EFC

non-coding RNA;  
steroid-5-beta-reductase) (AKR1D1), transcript variant 2, mRNA; gi|300116272|ref|NM\_001190907.1|

, mRNA;  
endogene (LOC100129138), non-coding RNA;  
non-coding RNA; gi|300116302|ref|NR\_033991.1| Homo sapiens uncharacterized LOC100129250 (LOC100129250), transcript variant 3, mRNA; gi|300116304|ref|NM\_003250.5| Homo sapiens thyroid hormone receptor, alpha (THRA), mRNA;  
transcript variant 2, mRNA; gi|300192906|ref|NM\_014237.2| Homo sapiens ADAM metalloproteinase domain 1, mRNA;  
nuclear gene encoding mitochondrial protein, mRNA;  
transcript variant 3, mRNA; gi|300192938|ref|NM\_133510.3| Homo sapiens RAD51 homolog B (S. cerevisiae) (RAD51B), mRNA; gi|300192957|ref|NM\_197968.2| Homo sapiens zinc finger, MYM-type 2 (ZMYM2), transcript variant 1, mRNA;  
neutral sphingomyelinase-3 (SMPD4), transcript variant 5, non-coding RNA; gi|300192963|ref|NM\_017711.1| SLC9B1, member 1 (SLC9B1), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;

WNT10B), transcript variant 1, mRNA; gi|300193033|ref|NM\_001190943.1| Homo sapiens tumor necrosis factor receptor 1 (TNFR1), transcript variant 3, mRNA; gi|300193047|ref|NR\_024019.2| Homo sapiens family with sequence similarity 100, member 1 (FAM100A), transcript variant 3, mRNA; gi|300193046|ref|NM\_005658.4| Homo sapiens TNF receptor-associated factor 1 (TRAF1), mRNA;

PIWI-like 1 (Drosophila) (PIWIL1), transcript variant 1, mRNA; gi|300244500|ref|NM\_001190971.1|

legumain (LGMN), transcript variant 2, mRNA; gi|300244519|ref|NM\_001190980.1| Homo sapiens YY1 associated factor 2 (YAF2), transcript variant 1, non-coding RNA;

non-coding RNA;

non-coding RNA;

tor) (IL6ST), transcript variant 2, mRNA; gi|300244531|ref|NM\_002184.3| Homo sapiens interleukin 6 s  
ing RNA;  
r gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|300244541|ref|NM\_001190983.  
;  
ng RNA;  
G8), transcript variant 3, non-coding RNA; gi|300250764|ref|NR\_003584.3| Homo sapiens small nucleo  
ng RNA; gi|300244556|ref|NR\_034012.1| Homo sapiens uncharacterized LOC100131176 (LOC1001311  
t 1, mRNA; gi|300244561|ref|NM\_001190986.1| Homo sapiens cysteine-rich secretory protein 3 (CRIS  
ng RNA; gi|300244564|ref|NR\_034015.1| Homo sapiens uncharacterized LOC100131060 (LOC1001310  
ng RNA; gi|300244566|ref|NR\_034017.1| Homo sapiens uncharacterized LOC100130954 (LOC1001309  
variant 1, mRNA; gi|300244568|ref|NM\_001190987.1| Homo sapiens serine/arginine-rich splicing facto  
ng RNA; gi|300244575|ref|NR\_034019.1| Homo sapiens uncharacterized LOC100130700 (LOC1001307  
RNA; gi|300244577|ref|NM\_001029854.2| Homo sapiens phosphodiesterase 8B (PDE8B), transcript va  
VA;  
  
nt 2, mRNA; gi|300360488|ref|NM\_014255.5| Homo sapiens canopy 2 homolog (zebrafish) (CNPY2), tr  
oding RNA;  
1 (SLC33A1), transcript variant 1, mRNA; gi|300360495|ref|NM\_001190992.1| Homo sapiens solute ca  
;  
transcript variant 2, non-coding RNA; gi|300360501|ref|NR\_034024.1| Homo sapiens long intergenic no  
50503|ref|NM\_006390.3| Homo sapiens importin 8 (IPO8), transcript variant 1, mRNA;  
on-coding RNA;  
;  
ARPC1A), transcript variant 2, mRNA; gi|300360513|ref|NM\_006409.3| Homo sapiens actin related pro  
ng RNA;  
ng RNA;  
;  
variant 2, mRNA; gi|300360529|ref|NM\_004832.2| Homo sapiens glutathione S-transferase omega 1 (l  
ng RNA;  
ariant 7, non-coding RNA; gi|300360541|ref|NM\_054016.2| Homo sapiens serine/arginine-rich splicing  
ng RNA;  
, mRNA; gi|300360539|ref|NM\_003213.3| Homo sapiens TEA domain family member 4 (TEAD4), trans  
variant 2, mRNA; gi|300360570|ref|NM\_001191015.1| Homo sapiens glutathione S-transferase omega  
on-coding RNA;  
  
oding RNA; gi|300360576|ref|NM\_003104.5| Homo sapiens sorbitol dehydrogenase (SORD), transcript  
, non-coding RNA;  
ant 3, non-coding RNA; gi|118582268|ref|NM\_001078166.1| Homo sapiens serine/arginine-rich splicin  
  
cript variant 2, mRNA; gi|300388138|ref|NM\_006565.3| Homo sapiens CCCTC-binding factor (zinc fing  
  
nscript variant 3, mRNA; gi|300388155|ref|NM\_001191029.1| Homo sapiens chromosome 17 open re  
;  
;  
3), transcript variant 2, mRNA; gi|270265909|ref|NM\_001168241.1| Homo sapiens family with sequen  
4, mRNA; gi|300388161|ref|NM\_001145301.2| Homo sapiens retinoic acid receptor, alpha (RARA), tra  
e, 1 (PSMD1), transcript variant 3, non-coding RNA; gi|300388182|ref|NM\_001191037.1| Homo sapien

A5), mRNA;

transcript variant 2, mRNA; gi|30061488|ref|NM\_012156.2| Homo sapiens erythrocyte membrane protein band 3 (anion exchanger 1) (band 3, red blood group) (GCNT2), transcript variant 2, mRNA; gi|85790494|ref|NM\_145655.3| Homo sapiens glucocorticoid-inducible protein 1 (GIP1), transcript variant 2, mRNA

ant 2, mRNA; gi|30061557|ref|NM\_178010.1| Homo sapiens SRY (sex determining region Y)-box 5 (SOX9), transcript variant 1, mRNA; gi|30061564|ref|NM\_178043.1| Homo sapiens La ribonucleoprotein domain 1, transcript variant 1, mRNA; gi|300794737|ref|NM\_001008396.2| Homo sapiens WD repeat and HMG-box domain-containing protein 1, transcript variant 1, mRNA; gi|300795034|ref|NR\_034069.1| Homo sapiens SRSF protein kinase 1 (SRPK1), transcript variant 2, non-coding RNA; gi|300360579|ref|NM\_001191016.1| Homo sapiens caspase 12 (gene/pseudogene) transcript variant 1, non-coding RNA; gi|300795197|ref|NR\_034072.1| Homo sapiens seryl-tRNA synthetase (SARS), transcript variant 2, non-coding RNA; gi|300863164|ref|NM\_016211.3| Homo sapiens SEC31 homolog A (*S. cerevisiae*) (SEC31A), transcript variant 2, mRNA; gi|300795278|ref|NM\_003092.4| Homo sapiens small nuclear ribonucleoprotein L, transcript variant 1, mRNA.

AF2), nuclear gene encoding mitochondrial protein, mRNA;

.

non-coding RNA;

transcript variant 2, mRNA; gi|300795583|ref|NM\_001193268.1| Homo sapiens echinoderm microtubule  
1), transcript variant 1, mRNA; gi|300795588|ref|NM\_001007593.2| Homo sapiens sphingomyelin phos

;

;

ng RNA;

ng RNA; gi|300795727|ref|NR\_034102.1| Homo sapiens uncharacterized LOC100130155 (LOC1001301

oding) (CRNDE), transcript variant 2, non-coding RNA; gi|381388783|ref|NR\_034105.2| Homo sapiens c

t variant 1, non-coding RNA; gi|300795857|ref|NR\_034076.1| Homo sapiens uncharacterized LOC1004

;

AS1), transcript variant 1, non-coding RNA; gi|300795938|ref|NR\_034111.1| Homo sapiens TRAF3IP2 a  
e (LOC643733), transcript variant 2, non-coding RNA; gi|300795900|ref|NR\_034078.1| Homo sapiens c

ng RNA;

ript variant 3, mRNA; gi|17975754|ref|NM\_078628.1| Homo sapiens male-specific lethal 3 homolog (D

;

oding RNA;

(S1), non-coding RNA;

ng RNA;

ng RNA;

ng RNA;

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;  
 ng RNA;  
 ;  
 ;  
 t 2, non-coding RNA; gi|300796286|ref|NR\_034151.1| Homo sapiens uncharacterized LOC730227 (LOC  
 ariant 3, mRNA; gi|300796322|ref|NM\_001193272.1| Homo sapiens retinoblastoma binding protein 5 (
 ), mRNA;  
 ;  
 on-coding RNA;  
 ;  
 t variant 3, non-coding RNA; gi|300796445|ref|NR\_034121.1| Homo sapiens uncharacterized LOC1001  
 ;  
 ;  
 ng RNA;  
 ng RNA;  
 ;  
 t 1, non-coding RNA; gi|300796608|ref|NR\_034086.1| Homo sapiens uncharacterized LOC648987 (LOC  
 ng RNA;  
 ng RNA;  
 00796530|ref|NM\_001005610.2| Homo sapiens ectodysplasin A (EDA), transcript variant 3, mRNA; gi|  
 on-coding RNA;  
 ;  
 (LRRC37A5P), non-coding RNA;  
 A;  
 ;  
 iRNA;  
 ;  
 ;  
 on-coding RNA;  
 mRNA; gi|341914943|ref|XM\_003403858.1| PREDICTED: Homo sapiens patatin-like phospholipase dor  
 ng RNA;  
 ng RNA;  
 ;  
 !, mRNA; gi|197333735|ref|NM\_052942.3| Homo sapiens guanylate binding protein 5 (GBP5), transcrip  
 PDE1C), transcript variant 3, mRNA; gi|300796826|ref|NM\_001191056.1| Homo sapiens phosphodiester  
 ng RNA;  
 iNA;  
 ding RNA;  
 ite), member 22 (SLC25A22), nuclear gene encoding mitochondrial protein, transcript variant 3, mRNA; g  
 t 1, non-coding RNA; gi|300796987|ref|NR\_034141.1| Homo sapiens uncharacterized LOC645591 (LOC  
 1L9), non-coding RNA;  
 ;  
 ng RNA;  
 ant 2, mRNA; gi|300797028|ref|NM\_001098624.2| Homo sapiens midline 1 (Opitz/BBB syndrome) (MI



transcript variant 3, mRNA; gi|300934880|ref|NM\_001193317.1| Homo sapiens chromosome 14 open reading frame 10 (CH14orf10), transcript variant 2, mRNA; gi|300863150|ref|NM\_001193321.1| Homo sapiens chromosome 14 open reading frame 10 (CH14orf10), transcript variant 1, mRNA;

transcript variant 2, mRNA; gi|300934786|ref|NM\_001193334.1| Homo sapiens wntless homolog (Drosophila) (WLS), transcript variant 1, mRNA; gi|301069347|ref|NM\_017680.4| Homo sapiens asporin (ASPN), transcript variant 1, mRNA;

transcript variant 3, mRNA; gi|149999379|ref|NM\_022489.3| Homo sapiens inverted formin, FH2 and VWA domain (INFF), transcript variant 2, mRNA; gi|301069347|ref|NM\_152732.4| Homo sapiens radial spoke head 9 homolog (RSPH9), member 3 (SLC13A3), transcript variant 5, mRNA; gi|301069343|ref|NM\_001011554.2| Homo sapiens radial spoke head 9 homolog (RSPH9), member 3 (SLC13A3), transcript variant 5, mRNA;

; transcript variant 2, mRNA; gi|301069363|ref|NM\_018135.3| Homo sapiens radial spoke head 9 homolog (RSPH9), member 3 (SLC13A3), transcript variant 2, mRNA; gi|301069385|ref|NM\_001193350.1| Homo sapiens myocyte enhancer factor 2C (MEF2C), transcript variant 5, mRNA;

transcript variant 1, mRNA;

transcript variant 2, mRNA; gi|301069405|ref|NM\_016553.4| Homo sapiens nucleoporin 62kDa (NUP62), transcript variant 2, mRNA;

transcript variant 1, mRNA;

transcript variant 1, mRNA;

transcript variant 5, mRNA; gi|301129163|ref|NR\_034165.1| Homo sapiens exonuclease 3'-5' domain containing 2 (EXN2), transcript variant 5, mRNA; gi|301129167|ref|NM\_080796.3| Homo sapiens death inducer-obliator 1 (DIDO1), transcript variant 1, mRNA; gi|301129167|ref|NM\_080796.3| Homo sapiens death inducer-obliator 1 (DIDO1), transcript variant 1, mRNA; gi|301129167|ref|NM\_080796.3| Homo sapiens death inducer-obliator 1 (DIDO1), transcript variant 1, mRNA; gi|301129167|ref|NM\_080796.3| Homo sapiens death inducer-obliator 1 (DIDO1), transcript variant 1, mRNA;

transcript variant 1, mRNA; gi|301129167|ref|NM\_080796.3| Homo sapiens death inducer-obliator 1 (DIDO1), transcript variant 1, mRNA; gi|301129167|ref|NM\_080796.3| Homo sapiens death inducer-obliator 1 (DIDO1), transcript variant 1, mRNA; gi|301129167|ref|NM\_080796.3| Homo sapiens death inducer-obliator 1 (DIDO1), transcript variant 1, mRNA;

transcript variant 1, mRNA; gi|301129193|ref|NM\_021599.2| Homo sapiens ADAM metallopeptidase with thrombospondin type 1 motifs 2 (ADAMTS2), transcript variant 1, mRNA; gi|301129193|ref|NM\_021599.2| Homo sapiens ADAM metallopeptidase with thrombospondin type 1 motifs 2 (ADAMTS2), transcript variant 1, mRNA;

; transcript variant 2, mRNA; gi|109633030|ref|NM\_198253.2| Homo sapiens telomerase reverse transcriptase (TERT), transcript variant 2, mRNA; gi|109633030|ref|NM\_198253.2| Homo sapiens telomerase reverse transcriptase (TERT), transcript variant 2, mRNA;

transcript variant 2, mRNA; gi|301129205|ref|NM\_017859.3| Homo sapiens uridine-cytidine kinase 1-like 1 (UCKL1), transcript variant 2, mRNA; gi|301129205|ref|NM\_017859.3| Homo sapiens uridine-cytidine kinase 1-like 1 (UCKL1), transcript variant 2, mRNA;

transcript variant 1, mRNA; gi|301129231|ref|NM\_153483.2| Homo sapiens interleukin 17 receptor E (IL17RE), transcript variant 1, mRNA; gi|301129231|ref|NM\_153483.2| Homo sapiens interleukin 17 receptor E (IL17RE), transcript variant 1, mRNA;

transcript variant 1, mRNA; gi|301129216|ref|NM\_198391.2| Homo sapiens fibronectin leucine rich type 1 domain (FNLR1), transcript variant 1, mRNA; gi|301129216|ref|NM\_198391.2| Homo sapiens fibronectin leucine rich type 1 domain (FNLR1), transcript variant 1, mRNA;

transcript variant 1, non-coding RNA; gi|301129240|ref|NR\_034171.1| Homo sapiens uncharacterized LOC645212 (LOC645212), transcript variant 1, non-coding RNA; gi|301129240|ref|NR\_034171.1| Homo sapiens uncharacterized LOC645212 (LOC645212), transcript variant 1, non-coding RNA;

transcript variant 1, non-coding RNA; gi|301129249|ref|NM\_001012361.2| Homo sapiens WD repeat domain 31 (WDR31), transcript variant 1, non-coding RNA; gi|301129249|ref|NM\_001012361.2| Homo sapiens WD repeat domain 31 (WDR31), transcript variant 1, non-coding RNA;

transcript variant 3, mRNA; gi|301129262|ref|NM\_001193388.1| Homo sapiens unkempt homolog (Drosophila)-like 1 (UNK1), transcript variant 3, mRNA; gi|301129262|ref|NM\_001193388.1| Homo sapiens unkempt homolog (Drosophila)-like 1 (UNK1), transcript variant 3, mRNA;

transcript variant 2, non-coding RNA; gi|282165732|ref|NM\_198483.3| Homo sapiens RUN and FYVE domain containing 1 (RUNFYVE), transcript variant 2, non-coding RNA; gi|282165732|ref|NM\_198483.3| Homo sapiens RUN and FYVE domain containing 1 (RUNFYVE), transcript variant 2, non-coding RNA;

transcript variant 3, mRNA; gi|301129280|ref|NM\_178000.2| Homo sapiens protein phosphatase 2R (PPP2R4), transcript variant 3, mRNA; gi|301129280|ref|NM\_178000.2| Homo sapiens protein phosphatase 2R (PPP2R4), transcript variant 3, mRNA;

i|301171365|ref|NM\_018943.2| Homo sapiens tubulin, alpha 8 (TUBA8), transcript variant 1, mRNA;

RA), mRNA;

oding RNA;

;

DX3X), transcript variant 3, mRNA; gi|301171466|ref|NM\_001193416.1| Homo sapiens DEAD (Asp-Glu

udogene (LOC653712), non-coding RNA;



iant 2, mRNA; gi|301171528|ref|NM\_173485.5| Homo sapiens teashirt zinc finger homeobox 2 (TSHZ2

hoid) (PTPN22), transcript variant 1, mRNA; gi|301171661|ref|NM\_012411.4| Homo sapiens protein ty

ng RNA;



inscript variant 2, mRNA; gi|301172761|ref|NM\_182601.1| Homo sapiens chromosome 10 open readir

SRGAP2P2), non-coding RNA;  
oding RNA;

(TMTC1), transcript variant 2, mRNA; gi|301336133|ref|NM\_001193451.1| Homo sapiens transmembr  
otif 16-like 1 (NUDT16L1), transcript variant 2, mRNA; gi|301336138|ref|NM\_032349.3| Homo sapiens  
NFRSF1A), mRNA;

iant 1, mRNA; gi|301336160|ref|NM\_001031679.2| Homo sapiens methionine sulfoxide reductase B3  
hatidic acid acyltransferase, alpha) (AGPAT1), transcript variant 2, mRNA; gi|301336168|ref|NM\_00641

C), transcript variant 1, mRNA; gi|301500639|ref|NM\_001017408.2| Homo sapiens golgi-associated PC

script variant 3, mRNA; gi|301500644|ref|NM\_001193466.1| Homo sapiens KAT8 regulatory NSL comp  
5, non-coding RNA; gi|301500650|ref|NM\_023012.5| Homo sapiens arginine/serine-rich coiled-coil 2 (

it 2, mRNA; gi|301500654|ref|NM\_032438.2| Homo sapiens I(3)mbt-like 3 (Drosophila) (L3MBTL3), tra  
member 4 (KCNC4), transcript variant 4, non-coding RNA; gi|301500672|ref|NM\_001039574.2| Homo :

l), transcript variant 1, mRNA; gi|301500680|ref|NR\_024188.2| Homo sapiens protein phosphatase 1, i  
ariant 3, mRNA; gi|301500688|ref|NM\_001143966.2| Homo sapiens TBC1 domain family, member 7 (T  
C1), transcript variant 1, mRNA; gi|301500694|ref|NR\_036439.1| Homo sapiens cytidine and dCMP de  
. transcript variant 2, mRNA; gi|301500699|ref|NM\_022568.3| Homo sapiens aldehyde dehydrogenase  
, mRNA;

pt variant 4, mRNA; gi|301500708|ref|NM\_001193457.1| Homo sapiens intermediate filament family (i  
1), transcript variant 1, mRNA; gi|301500722|ref|NM\_001193464.1| Homo sapiens dynein, cytoplasmic  
nRNA;

ot variant 3, mRNA; gi|301601601|ref|NM\_138718.2| Homo sapiens solute carrier family 26, member 8  
oding RNA;

ia, mRNA; gi|301601614|ref|NM\_033017.3| Homo sapiens tripartite motif containing 4 (TRIM4), transc

cript variant 2, mRNA; gi|301601621|ref|NM\_006872.3| Homo sapiens general transcription factor IIA,  
nRNA;

ant 1, mRNA; gi|301601633|ref|NM\_014701.3| Homo sapiens SECIS binding protein 2-like (SECISBP2L)  
d homolog B (S. cerevisiae) (CCZ1B), mRNA;

porter), member 4 (SLC1A4), transcript variant 1, mRNA; gi|301601643|ref|NM\_001193493.1| Homo s

ene encoding mitochondrial protein, mRNA;

), mRNA;

ant 3, mRNA; gi|301601652|ref|NM\_001111.4| Homo sapiens adenosine deaminase, RNA-specific (AD.

ot variant 1, mRNA; gi|301601668|ref|NM\_152451.6| Homo sapiens myocardial zonula adherens prote  
-coding RNA; gi|295821178|ref|NR\_033645.1| Homo sapiens lipase maturation factor 1 (LMF1), transcri  
ng RNA;

IP), non-coding RNA;

gene) (HLA-DRB6), non-coding RNA;

nscript variant 2, mRNA; gi|30179908|ref|NM\_013439.2| Homo sapiens paired immunoglobulin-like type

8024), non-coding RNA;

RNA;

mRNA; gi|301897246|ref|NM\_006296.5| Homo sapiens vaccinia related kinase 2 (VRK2), transcript variant 1, non-coding RNA;

A; gi|301897476|ref|NM\_053013.3| Homo sapiens enolase 3 (beta, muscle) (ENO3), transcript variant 1, non-coding RNA; gi|156630991|ref|NM\_001102653.1| Homo sapiens OTU domain containing 4 (OTUD4), transcript variant 1, non-coding RNA;

L, mRNA; gi|301897807|ref|NM\_187841.2| Homo sapiens tripartite motif containing 54 (TRIM54), transcript variant 1 (PKD1P1), non-coding RNA;

; gi|302034747|ref|NM\_181079.4| Homo sapiens interleukin 21 receptor (IL21R), transcript variant 3, mRNA; gi|301897973|ref|NM\_005612.4| Homo sapiens RE1-silencing transcription factor (REST), transcript variant 2, mRNA; gi|302058244|ref|NM\_017735.4| Homo sapiens tetratricopeptide repeat domain 27 (TRIP2), mRNA; gi|301898110|ref|NM\_032122.4| Homo sapiens dystrobrevin binding protein 1 (DTNBP1), transcript variant 1, mRNA; gi|301898340|ref|NM\_006301.3| Homo sapiens mitogen-activated protein kinase 12 (MAPK12), transcript variant 1, mRNA; gi|301898418|ref|NM\_001193513.1| Homo sapiens solute carrier family 12 member 1 (SLC30A6), transcript variant 4, mRNA; gi|301898687|ref|NM\_016079.3| Homo sapiens charged multivesicular body protein 1 (CHMP1B), mRNA;

osaminidase (NAGPA), mRNA;

RNA;

cript variant 3, mRNA; gi|302058251|ref|NM\_001193520.1| Homo sapiens RAS protein activator like 1

A), transcript variant 4, mRNA; gi|302058257|ref|NM\_024519.3| Homo sapiens family with sequence similarity 100 member A, transcript variant 2, non-coding RNA; gi|302058268|ref|NM\_012091.3| Homo sapiens adenosine deaminase, tRNA (PDR3K), mRNA;

A; gi|302058276|ref|NM\_001006623.2| Homo sapiens WD repeat domain 33 (WDR33), transcript variant 1, non-coding RNA;

286|ref|NM\_001193528.1| Homo sapiens secernin 3 (SCRN3), transcript variant 2, mRNA;

ranscript variant 1, mRNA; gi|302058291|ref|NM\_001193530.1| Homo sapiens chaperonin containing domain 1, transcript variant A, mRNA; gi|302058293|ref|NR\_036462.1| Homo sapiens apoptosis-inducing, TAF9-like domain 1, mRNA; gi|302058296|ref|NM\_199006.2| Homo sapiens APITD1-CORT readthrough (APITD1-CORT), transcript variant 1, mRNA; gi|302058300|ref|NM\_138341.2| Homo sapiens transmembrane protein 116 (TMEM116), transcript variant 2, mRNA; gi|302058306|ref|NM\_013335.3| Homo sapiens GDP-mannose pyrophosphorylase A (GMP-PPase), transcript variant 1, mRNA; gi|22748674|ref|NM\_152304.1| Homo sapiens RAB42, member RAS oncogene family, transcript variant 1, mRNA; gi|302058307|ref|NM\_001193533.1| Homo sapiens NIMA (never in mitosis gene 2) factor, BRF1-like (BRF2), mRNA;

CTD9), mRNA;

;

ng RNA;

NA;

9651|ref|NM\_001193544.1| Homo sapiens annexin A6 (ANXA6), transcript variant 2, mRNA;

rotein gamma) (SSR3), mRNA;

1), mRNA;

1), mRNA;

variant 1, mRNA; gi|302129666|ref|NM\_001005158.2| Homo sapiens Scm-like with four mbt domains

ript variant 3, mRNA; gi|302129688|ref|NM\_001193535.1| Homo sapiens F-box and leucine-rich repea

CRISPLD1), mRNA;

ng RNA; gi|341913942|ref|XR\_133065.1| PREDICTED: Homo sapiens hect domain and RLD 2 pseudoger  
nscript variant 2, mRNA; gi|302148483|ref|NM\_020189.5| Homo sapiens enhancer of yellow 2 homolc

ember 2 (TRPV2), mRNA;

er 2 (SLC22A2), mRNA;

variant 4, mRNA; gi|221316625|ref|NM\_004078.2| Homo sapiens cysteine and glycine-rich protein 1 (C  
15), transcript variant 1, mRNA; gi|302191620|ref|NM\_025014.1| Homo sapiens Rho guanine nucleoti

G3), transcript variant 2, non-coding RNA; gi|302191642|ref|NR\_036473.1| Homo sapiens small nucleo

ariant 1, mRNA; gi|302191648|ref|NM\_001193583.1| Homo sapiens neuronal cell adhesion molecule (  
2, non-coding RNA; gi|302191658|ref|NM\_001002909.2| Homo sapiens G patch domain containing 8 (

2191705|ref|NM\_001193612.1| Homo sapiens tubulin, delta 1 (TUBD1), transcript variant 5, mRNA; gi  
ranscript variant 2, non-coding RNA; gi|302191714|ref|NR\_036479.1| Homo sapiens transmembrane p  
oding RNA;

JA;

10), transcript variant 1, mRNA; gi|302318913|ref|NM\_001193622.1| Homo sapiens uncharacterized pr

ng RNA;

C100132526), non-coding RNA;

cript variant 2, non-coding RNA; gi|304361752|ref|NR\_036554.1| Homo sapiens dpy-19-like 2 pseudog

;

;

nt 1, mRNA; gi|302318966|ref|NM\_145887.3| Homo sapiens p53-induced death domain protein (PIDD  
) , non-coding RNA;

;

ng RNA;

;

;

2 (DHRS4L2), transcript variant 2, mRNA; gi|302344753|ref|NM\_198083.3| Homo sapiens dehydrogen;  
NA; gi|302344763|ref|NM\_001007099.2| Homo sapiens sterol carrier protein 2 (SCP2), transcript varia  
gi|302370919|ref|NR\_036491.1| Homo sapiens F-box protein 43 (FBXO43), transcript variant 1, non-c

nt 2, mRNA; gi|302370924|ref|NM\_201253.2| Homo sapiens crumbs homolog 1 (Drosophila) (CRB1), t  
 ., mRNA; gi|302370955|ref|NM\_001193646.1| Homo sapiens activating transcription factor 5 (ATF5), t  
 A;  
 r-coding RNA;  
 , non-coding RNA;  
 ;  
 oding RNA;  
 on-coding RNA;  
 ;  
 ;  
 ;  
 t 1, non-coding RNA; gi|302393537|ref|NR\_036503.1| Homo sapiens uncharacterized LOC439949 (LOC  
 ;  
 ng RNA;  
 :100192204), non-coding RNA;  
 sembly factor 4 pseudogene (LOC100306975), non-coding RNA;  
 ng RNA;  
 it 1, mRNA; gi|302393548|ref|NR\_036510.1| Homo sapiens uroporphyrinogen decarboxylase (UROD), t  
 t variant 2, non-coding RNA; gi|302393554|ref|NR\_036511.1| Homo sapiens uncharacterized LOC1001  
 ng RNA;  
 inscript variant 1, mRNA; gi|302393589|ref|NR\_036518.1| Homo sapiens chromosome 17 open reading  
 tein 3 (SHC3), mRNA;  
 ;  
 rber 4 (KCNQ4), transcript variant 1, mRNA; gi|302393602|ref|NM\_172163.2| Homo sapiens potassium  
 ript variant 2 (allele unknown), non-coding RNA; gi|302486350|ref|NR\_036524.1| Homo sapiens MHC c  
 ng RNA;  
 t variant 2, non-coding RNA; gi|302488598|ref|NR\_036521.1| Homo sapiens uncharacterized LOC1001  
 S53), transcript variant 1, mRNA; gi|189491745|ref|NM\_018289.3| Homo sapiens vacuolar protein sor  
  
 variant 3, non-coding RNA; gi|302565866|ref|NR\_036527.1| Homo sapiens LOC100499484-C9orf174 re  
 coding RNA;  
 ;  
  
 script variant 1, mRNA; gi|302699212|ref|NM\_001194937.1| Homo sapiens pogo transposable elemen  
 ng RNA;  
 transcript variant 2, non-coding RNA; gi|302699228|ref|NR\_036531.1| Homo sapiens UBAC2 antisense  
 ng RNA;  
 4G1), transcript variant 7, mRNA; gi|302699238|ref|NM\_004953.4| Homo sapiens eukaryotic translati  
 ), mRNA;  
 ion-coding RNA;  
 27921|ref|NM\_018834.5| Homo sapiens matrin 3 (MATR3), transcript variant 2, mRNA; gi|303227927|  
 G4), transcript variant 2, non-coding RNA; gi|303227931|ref|NR\_003141.3| Homo sapiens small nucleo  
 ng RNA;



;

transcript variant 1, mRNA; gi|303324538|ref|NM\_001194999.1| Homo sapiens major histocompatibility  
 int 4, mRNA; gi|303324552|ref|NM\_198174.2| Homo sapiens grainyhead-like 3 (Drosophila) (GRHL3), t  
 ) (RGP1), mRNA;  
 ng RNA;

A;  
, mRNA;  
variant 2, mRNA; gi|303519412|ref|NM\_012264.4| Homo sapiens transmembrane protein 184B (TMEI  
variant 3, mRNA; gi|303521459|ref|NM\_001194992.1| Homo sapiens methylphosphate capping enzym  
A; gi|303523503|ref|NM\_001130145.2| Homo sapiens Yes-associated protein 1 (YAP1), transcript varia  
;

8 beta) (PSME2), mRNA;  
8 gamma; Ki) (PSME3), transcript variant 2, mRNA; gi|30410793|ref|NM\_005789.2| Homo sapiens prot  
t 2, mRNA; gi|30410804|ref|NM\_022842.3| Homo sapiens CUB domain containing protein 1 (CDCP1), t  
tNA;

MS4A2), transcript variant 1, mRNA; gi|379642953|ref|NM\_001256916.1| Homo sapiens membrane-spanning domain-like 3G (APOBEC3G), mRNA;  
variant 1, mRNA; gi|304282226|ref|NM\_001195054.1| Homo sapiens DNA-damage-inducible transcript 1, mRNA; gi|304284843|ref|NM\_024091.3| Homo sapiens FAST kinase domains 3 (FASTKD3), transcript variant 1, mRNA; gi|304284847|ref|NM\_033110.2| Homo sapiens AIG2-like domain 1 (A2LD1), transcript variant 1, mRNA;  
A;  
A;

ng RNA;

;

e (LRRC37A11P), non-coding RNA;

NA;

ipt variant 2, non-coding RNA; gi|304307767|ref|NM\_021254.2| Homo sapiens chromosome 21 open r

;

RNA;

transcript variant 1, mRNA; gi|304361748|ref|NM\_172313.2| Homo sapiens colony stimulating factor

it 3, mRNA; gi|304361756|ref|NM\_001195098.1| Homo sapiens ankyrin repeat domain 28 (ANKRD28),

'4A2), transcript variant 4, mRNA; gi|304361761|ref|NM\_001195100.1| Homo sapiens protein tyrosine

non-coding RNA; gi|304361765|ref|NM\_138797.2| Homo sapiens ankyrin repeat domain 54 (ANKRD54

ding RNA;

(UPF3B), transcript variant 2, mRNA; gi|304361772|ref|NM\_080632.2| Homo sapiens UPF3 regulator o

RNA;

mRNA;

;

nsript variant 1, mRNA; gi|304376256|ref|NM\_001195125.1| Homo sapiens chromosome 16 open re

A;

IA;

nsript variant 1, mRNA; gi|304376273|ref|NM\_001037671.3| Homo sapiens chromosome 12 open re

RNA;

nsript variant 7, mRNA; gi|207113156|ref|NM\_001008657.2| Homo sapiens Treacher Collins-Frances

IA;

l, mRNA;

SP), transcript variant 3, mRNA; gi|304434528|ref|NM\_002482.3| Homo sapiens nuclear autoantigenic

(TP53AIP1), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|304434535|re

it A, mRNA; gi|304434686|ref|NM\_153697.2| Homo sapiens ankyrin repeat domain 44 (ANKRD44), tra

ial) member 10 (RASSF10), mRNA;

anscript variant 1, mRNA; gi|304434818|ref|NR\_036564.1| Homo sapiens chaperonin containing TCP1,

nsript variant 2, non-coding RNA; gi|304434522|ref|NM\_178238.2| Homo sapiens paired immunoglob

the nucleotide exchange protein) (EEF1D), transcript variant 8, mRNA; gi|304555580|ref|NM\_032378.4|  
: 1, mRNA; gi|304555590|ref|NM\_001143687.2| Homo sapiens DC-STAMP domain containing 1 (DCST1

NA;

ript variant A, mRNA; gi|304555611|ref|NM\_001195192.1| Homo sapiens chromosome 17 open readin

it variant C, mRNA; gi|304571938|ref|NM\_001195200.1| Homo sapiens coiled-coil domain containing 1

2), mRNA;

ript variant 3, mRNA; gi|218563724|ref|NM\_144977.4| Homo sapiens DENN/MADD domain containin

te 1 (NUCKS1), mRNA;

1, mRNA; gi|304571974|ref|NM\_001195218.1| Homo sapiens dicarbonyl/L-xylulose reductase (DCXR),

C1), transcript variant 1, mRNA; gi|30474870|ref|NM\_178324.1| Homo sapiens serine palmitoyltransfe  
SSF4), mRNA;

, mRNA; gi|304766281|ref|NM\_001195214.1| Homo sapiens Yip1 domain family, member 6 (YIPF6), tr

;

member 4 (TRPM4), transcript variant 1, mRNA; gi|304766676|ref|NM\_001195227.1| Homo sapiens tr:  
encoding mitochondrial protein, transcript variant 1, mRNA; gi|304766646|ref|NM\_001195226.1| Hon

;

A; gi|305410792|ref|NM\_001195104.1| Homo sapiens glutathione reductase (GSR), transcript variant 4  
JA;

0838|ref|NR\_036576.1| Homo sapiens aprataxin (APTX), transcript variant 12, non-coding RNA; gi|305-

;

JA;

t 1, mRNA; gi|305410853|ref|NM\_001173991.2| Homo sapiens transmembrane protein 216 (TMEM21

;

JA;

cript variant 3, mRNA; gi|305410863|ref|NM\_001195260.1| Homo sapiens phosphodiesterase 4D inte  
ng RNA;

rRNA; gi|372620345|ref|NR\_046000.1| Homo sapiens interferon regulatory factor 4 (IRF4), transcript v  
nRNA;

pt variant 1, mRNA; gi|305632776|ref|NM\_001015050.2| Homo sapiens asparagine-linked glycosylatio

rnsript variant 1, mRNA; gi|305632782|ref|NM\_001195228.1| Homo sapiens family with sequence s

mRNA; gi|305632786|ref|NM\_024895.4| Homo sapiens PDZ domain containing 7 (PDZD7), transcript v

RNA;

NA;

JA;

ng RNA;

ly, member 2 (FLVCR2), transcript variant 2, mRNA; gi|190341090|ref|NM\_017791.2| Homo sapiens fe  
ng RNA;

;

A;

: variant 1, mRNA; gi|305632838|ref|NM\_001195290.1| Homo sapiens serine peptidase inhibitor, Kaza  
.OC100506710), non-coding RNA;

t 1, mRNA; gi|305682551|ref|NM\_001193304.2| Homo sapiens transmembrane protein 127 (TMEM12

;

t 1, mRNA; gi|305682557|ref|NM\_001195297.1| Homo sapiens mirror-image polydactyly 1 (MIPOL1), i

variant 1, mRNA; gi|305682567|ref|NM\_003238.3| Homo sapiens transforming growth factor, beta 2 (  
gi|305682569|ref|NR\_036599.1| Homo sapiens zinc finger protein 28 (ZNF28), transcript variant 2, nor  
RNA;

(SERPINB6), transcript variant 1, mRNA; gi|305682591|ref|NM\_001195291.1| Homo sapiens serpin pe  
gene) (HLA-DPB2), non-coding RNA;

nolog B (*S. cerevisiae*) (STT3B), mRNA;

nRNA; gi|30581108|ref|NM\_178580.1| Homo sapiens histocompatibility (minor) 13 (HM13), transcript

ariant 2, mRNA; gi|30581116|ref|NM\_178424.1| Homo sapiens SRY (sex determining region Y)-box 30 (

A;

iZ), mRNA;

8 alpha) (PSME1), transcript variant 1, mRNA; gi|30581140|ref|NM\_176783.1| Homo sapiens proteaso

ranscript variant 2, mRNA; gi|30581148|ref|NM\_016346.2| Homo sapiens nuclear receptor subfamily :

2A3), mRNA;

e encoding mitochondrial protein, mRNA;

t 3, mRNA; gi|305855071|ref|NM\_001195305.1| Homo sapiens BBSome interacting protein 1 (BBIP1),  
eptide 1 (B3GALT1), mRNA;

:a-galactosyltransferase, 1 (C1GALT1), mRNA;

ript variant 2, mRNA; gi|305855088|ref|NM\_004251.4| Homo sapiens RAB9A, member RAS oncogene f  
5092|ref|NM\_023085.3| Homo sapiens calpain 10 (CAPN10), transcript variant 3, mRNA;

kDa) (HSPA5), mRNA;

1, mRNA; gi|305855115|ref|NM\_001195382.1| Homo sapiens G protein-coupled receptor 35 (GPR35),

nsript variant 2, mRNA; gi|305855061|ref|NM\_024598.3| Homo sapiens chromosome 16 open readir

, mRNA; gi|306035183|ref|NM\_001195386.1| Homo sapiens transmembrane protein 99 (TMEM99), tr

ariant 1, mRNA; gi|306035189|ref|NM\_001005498.3| Homo sapiens rhomboid 5 homolog 2 (*Drosophi*

nt 3, mRNA; gi|306035192|ref|NM\_004873.3| Homo sapiens BCL2-associated athanogene 5 (BAG5), tr

transcript variant 2, mRNA; gi|306035205|ref|NM\_005103.4| Homo sapiens fasciculation and elongati

; A; gi|306140492|ref|NM\_001195107.1| Homo sapiens toll-like receptor 10 (TLR10), transcript variant 4  
ant 3, mRNA; gi|306482561|ref|NM\_001195396.1| Homo sapiens ADP-ribosylation factor-like 4A (ARL4  
variant 1, mRNA; gi|306482593|ref|NM\_007074.3| Homo sapiens coronin, actin binding protein, 1A (C  
598|ref|NM\_178153.2| Homo sapiens doublecortin (DCX), transcript variant 3, mRNA; gi|306482596|r  
mRNA; gi|306482603|ref|NM\_015478.6| Homo sapiens I(3)mbt-like 1 (Drosophila) (L3MBTL1), transcr

ant 3, non-coding RNA; gi|306482645|ref|NM\_001195427.1| Homo sapiens serine/arginine-rich splicin  
(POLR2A), mRNA;

mRNA; gi|306482664|ref|NM\_001195432.1| Homo sapiens myeloid leukemia factor 1 (MLF1), transcr  
ant 2, non-coding RNA; gi|194239695|ref|NM\_003017.4| Homo sapiens serine/arginine-rich splicing fa  
mRNA;

00773), non-coding RNA;

518579|ref|NM\_001064.3| Homo sapiens transketolase (TKT), transcript variant 1, mRNA;

, mRNA; gi|306518602|ref|NM\_004734.4| Homo sapiens doublecortin-like kinase 1 (DCLK1), transcript  
ript variant VII, mRNA; gi|306518612|ref|NM\_133644.3| Homo sapiens GTP binding protein 3 (mitoch  
IA;

; gi|306518681|ref|NM\_002971.4| Homo sapiens SATB homeobox 1 (SATB1), transcript variant 1, mRN  
06774085|ref|NM\_006070.5| Homo sapiens TRK-fused gene (TFG), transcript variant 1, mRNA; gi|3067  
rs), member 8 (SLC12A8), transcript variant 2, mRNA; gi|145580598|ref|NM\_024628.5| Homo sapiens  
, mRNA; gi|306774096|ref|NR\_036614.1| Homo sapiens doublecortin-like kinase 2 (DCLK2), transcript

; coding mitochondrial protein, transcript variant 1, mRNA; gi|306922383|ref|NM\_001195519.1| Homo s  
IA;

), non-coding RNA;

IA;

IN1), transcript variant 3, mRNA; gi|306966130|ref|NM\_001130438.2| Homo sapiens spectrin, alpha, n

variant 1, mRNA; gi|306966145|ref|NM\_001195536.1| Homo sapiens charged multivesicular body pro  
script variant 1, mRNA; gi|306966153|ref|NM\_001195543.1| Homo sapiens transmembrane protein 2

IA; gi|307078122|ref|NM\_001195555.1| Homo sapiens clathrin interactor 1 (CLINT1), transcript varian

HAP2), mRNA;

), mRNA;

script variant 1, mRNA; gi|307133680|ref|NM\_001195577.1| Homo sapiens uncharacterized LOC10032  
mRNA; gi|307133686|ref|NM\_000038.5| Homo sapiens adenomatous polyposis coli (APC), transcript v

1, mRNA; gi|307133758|ref|NR\_036623.1| Homo sapiens DBF4 homolog B (S. cerevisiae) (DBF4B), trar  
transcript variant 1, non-coding RNA; gi|307133741|ref|NR\_027335.2| Homo sapiens 5-hydroxyisoura  
ng RNA;

encoding mitochondrial protein, transcript variant 1, mRNA; gi|307133766|ref|NR\_036625.1| Homo s:  
53B), mRNA; gi|310124665|ref|XM\_927040.5| PREDICTED: Homo sapiens protein FAM163B-like (LOC6.

12), mRNA;  
ber 5 (PLEKHA5), transcript variant 2, mRNA; gi|307219193|ref|NM\_001190860.2| Homo sapiens pleck  
JA;

1, mRNA; gi|307219239|ref|NM\_001195604.1| Homo sapiens selenophosphate synthetase 1 (SEPHS1

A;  
variant 2, mRNA; gi|117938306|ref|NM\_016356.3| Homo sapiens doublecortin domain containing 2 (D  
phoinositide binding specific) member 1 (PLEKHA1), transcript variant 3, mRNA; gi|307344638|ref|NM\_  
NA; gi|307344660|ref|NM\_001105562.2| Homo sapiens ubiquitination factor E4B (UBE4B), transcript v  
itin protein ligase (TOPORS), transcript variant 2, mRNA; gi|307344671|ref|NM\_005802.4| Homo sapie

x homolog, Drosophila); translocated to, 10 (MLLT10), transcript variant 5, mRNA; gi|307548835|ref|NM  
JA;

variant 1, mRNA; gi|307548855|ref|NM\_001007267.2| Homo sapiens phospholipase A2 receptor 1, 18  
iant 1, mRNA; gi|307548864|ref|NM\_176815.4| Homo sapiens dihydrofolate reductase-like 1 (DHFR1,

, mRNA;  
ranscript variant 6, mRNA; gi|307548882|ref|NM\_032527.4| Homo sapiens zinc finger, CCCH-type with  
ion-coding RNA; gi|307548895|ref|NR\_036632.1| Homo sapiens golgin A2 pseudogene 5 (GOLGA2P5),  
gi|307548912|ref|NM\_003652.3| Homo sapiens carboxypeptidase Z (CPZ), transcript variant 2, mRNA;

t 2, mRNA; gi|307574637|ref|NM\_001195685.1| Homo sapiens LY6/PLAUR domain containing 6 (LYPD  
t variant 1, mRNA; gi|307574658|ref|NM\_001195639.1| Homo sapiens chromosome 8 open reading fr  
rotein B and C (VAPB), transcript variant 1, mRNA; gi|307574675|ref|NR\_036633.1| Homo sapiens VAI

nsript variant 1, mRNA; gi|307574635|ref|NR\_036634.1| Homo sapiens transforming growth factor, b  
non-coding RNA;

, mRNA;  
(SORL1), mRNA;

inscript variant 2, mRNA; gi|307612012|ref|NM\_001014979.2| Homo sapiens chromosome 16 open re  
 . (ACE), transcript variant 2, mRNA; gi|307691163|ref|NM\_000789.3| Homo sapiens angiotensin I conv

ma (PIP5K1C), transcript variant 1, mRNA; gi|307691177|ref|NM\_012398.2| Homo sapiens phosphatid non-coding RNA;

L3B), transcript variant 1, mRNA; gi|307691191|ref|NM\_001195740.1| Homo sapiens family with sequence homology to Yip1 domain family, member 1 (YIPF1), transcript variant 1, mRNA; gi|307691202|ref|NR\_036639.1| Homo sapiens Yip1 domain family, member 1 (YIPF1), transcript variant 1, mRNA; gi|307691205|ref|NR\_036641.1| Homo sapiens platelet derived growth factor C (PDGFC), transcript variant 3 (THAP3), transcript variant 3, mRNA; gi|307691223|ref|NM\_138350.3| Homo sapiens THAP domain family, member 1, mRNA; gi|307691232|ref|NM\_001195755.1| Homo sapiens omega-3 fatty acid receptor 1 (O3FAR1)

gi|307775408|ref|NM\_001195797.1| Homo sapiens lymphocyte antigen 96 (LY96), transcript variant 2  
ant 6, mRNA; gi|307775419|ref|NM\_001195802.1| Homo sapiens low density lipoprotein receptor (LD  
1B), non-coding RNA;

ariant 2, mRNA; gi|307775442|ref|NM\_152666.2| Homo sapiens phospholipase D family, member 5 (P  
mRNA; gi|307938277|ref|NM\_198445.3| Homo sapiens Ras and Rab interactor-like (RINL), transcript v  
res and microtubules pseudogene (LOC100288615), non-coding RNA;  
n 1 pseudogene (LOC648809), non-coding RNA;

RNA; gi|30795118|ref|NM\_178150.1| Homo sapiens F-box protein, helicase, 18 (FBXO18), transcript variant 1, mRNA; gi|30795120|ref|NM\_012174.1| Homo sapiens F-box and WD repeat domain containing 1, mRNA; gi|301601624|ref|NM\_021260.2| Homo sapiens zinc finger, FYVE domain containing 1, mRNA

27), mRNA;

† ref|NM\_144710.2| Homo sapiens septin 10 (SEPT10), transcript variant 1, mRNA;

3), mRNA;

riant 1, mRNA; gi|30795218|ref|NM\_016557.2| Homo sapiens chemokine (C-C motif) receptor-like 1 (1), mRNA;

:A12), transcript variant 1, mRNA; gi|30795236|ref|NM\_015657.3| Homo sapiens ATP-binding cassette  
), mRNA;

U|gi|308044476|ref|NM\_198464.3| Homo sapiens protease, serine, 55 (PRSS55), transcript variant 1,

transcript variant 1, mRNA; gi|308044525|ref|NM\_001197030.1| Homo sapiens ankyrin repeat and KH domain protein 1A;

variant 1, mRNA; gi|308044583|ref|NR\_036651.1| Homo sapiens hydroxysteroid dehydrogenase like 2 (HSD17B13), transcript variant 1A, mRNA; gi|308081504|ref|NM\_020821.2| Homo sapiens vacuolar protein sorting 3 (VPS3), coding RNA;

ript variant 2, mRNA; gi|308081956|ref|NM\_053023.4| Homo sapiens zinc finger protein 91 homolog (transcript variant 5, non-coding RNA; gi|150456445|ref|NR\_003605.1| Homo sapiens ZNFX1 antisense lncRNA;

phoinositide binding specific) member 8 (PLEKHA8), transcript variant 2, mRNA; gi|308153328|ref|NM\_012111.1|, mRNA;

script variant 1, mRNA; gi|308193307|ref|NM\_001197079.1| Homo sapiens interferon-related development 2, mRNA; gi|217416384|ref|NM\_024876.3| Homo sapiens aarF domain containing kinase 4 (ADCI

; gi|308193334|ref|NM\_001042705.2| Homo sapiens IQ motif containing J (IQCJ), transcript variant 1, : variant 3, mRNA; gi|308193343|ref|NM\_001197107.1| Homo sapiens schwannomin interacting protein x homolog, Drosophila) (MLL), transcript variant 1, mRNA; gi|308199414|ref|NM\_005933.3| Homo sap ant 2, mRNA; gi|308193360|ref|NM\_001197113.1| Homo sapiens IQCJ-SCHIP1 readthrough (IQCJ-SCHI ipt variant 1, mRNA; gi|308199422|ref|NM\_001197115.1| Homo sapiens glutamate-cysteine ligase, cat 7, mRNA; gi|308199449|ref|NM\_001197124.1| Homo sapiens interferon regulatory factor 3 (IRF3), tra og (*S. cerevisiae*) (SYS1), transcript variant 2, mRNA; gi|308199461|ref|NM\_033542.3| Homo sapiens S A;

RNA;

taining 2 (DBNDD2), transcript variant 3, mRNA; gi|308210790|ref|NM\_001048222.2| Homo sapiens d nRNA; gi|308210839|ref|NR\_003512.2| Homo sapiens INS-IGF2 readthrough (INS-IGF2), transcript vari A; gi|308235942|ref|NM\_001193318.2| Homo sapiens ring finger protein 212 (RNF212), transcript var RNA; gi|308235961|ref|NM\_006086.3| Homo sapiens tubulin, beta 3 class III (TUBB3), transcript varian JA;

pt variant 4, mRNA; gi|308387395|ref|NM\_032823.5| Homo sapiens chromosome 9 open reading fran ;

: variant 1, mRNA; gi|308522727|ref|NM\_001197233.1| Homo sapiens butyrophilin, subfamily 2, mem : variant 2, mRNA; gi|308522745|ref|NM\_001197237.1| Homo sapiens butyrophilin, subfamily 2, mem '1), non-coding RNA;

coding RNA;

nRNA; gi|308522769|ref|NM\_001707.3| Homo sapiens B-cell CLL/lymphoma 7B (BCL7B), transcript var ion-coding RNA;

cript variant 2, mRNA; gi|308736965|ref|NM\_001197248.1| Homo sapiens butyrophilin, subfamily 3, m

ly;

variant 2, mRNA; gi|308736989|ref|NM\_021213.3| Homo sapiens phosphatidylcholine transfer protein 1 RNA;

R33), transcript variant 1, mRNA; gi|308736997|ref|NR\_036675.2| Homo sapiens G protein-coupled re riant 2, mRNA; gi|308737000|ref|NM\_181837.2| Homo sapiens origin recognition complex, subunit 3 ( R7G1), mRNA;

ise 1) (DOK1), transcript variant 2, mRNA; gi|308737008|ref|NM\_001381.3| Homo sapiens docking pro JA;

riant 1, mRNA; gi|308818134|ref|NM\_001190881.2| Homo sapiens origin recognition complex, subuni OR11H2), mRNA;



yte specific (ECM2), transcript variant 3, mRNA; gi|308818202|ref|NM\_001393.3| Homo sapiens extra  
 308818217|ref|NM\_001197301.1| Homo sapiens dickkopf-like 1 (DKKL1), transcript variant 2, mRNA; g  
 riant 1, mRNA; gi|313661365|ref|NM\_181747.3| Homo sapiens origin recognition complex, subunit 5 (n  
 nscript variant 2, mRNA; gi|309243125|ref|NR\_036693.1| Homo sapiens C-type lectin domain family 2  
 4, pseudogene (HSP90AA4P), non-coding RNA;  
 3, pseudogene (HSP90AB3P), non-coding RNA;  
 NA;  
 VA; gi|194306542|ref|NM\_181354.4| Homo sapiens oxidation resistance 1 (OXR1), transcript variant 2,  
 134), non-coding RNA;  
 nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|309747066|ref|NM\_00119  
 nscript variant 3, mRNA; gi|309747070|ref|NM\_001197325.1| Homo sapiens aryl hydrocarbon recept  
 1, mRNA; gi|309747074|ref|NM\_001197327.1| Homo sapiens heat shock 70kD protein 12B (HSPA12B  
 !), transcript variant 1, mRNA; gi|309747080|ref|NM\_001197331.1| Homo sapiens polymerase (DNA di  
 rscript variant 3, mRNA; gi|94818890|ref|NM\_001040458.1| Homo sapiens endoplasmic reticulum ami  
 6, pseudogene (HSP90AA6P), non-coding RNA;  
 TTY6B), non-coding RNA;  
 309951082|ref|NM\_001198548.1| Homo sapiens nucleolar protein 4 (NOL4), transcript variant 4, mRN  
 RNA;  
 51096|ref|NM\_001198551.1| Homo sapiens Wilms tumor 1 (WT1), transcript variant E, mRNA; gi|309  
 miscRNA;  
 miscRNA; gi|310120445|ref|XR\_109013.1| PREDICTED: Homo sapiens hypothetical LOC100507347 (LO  
 miscRNA; gi|310120438|ref|XR\_109008.1| PREDICTED: Homo sapiens hypothetical LOC100507213 (LO  
 miscRNA; gi|310120436|ref|XR\_109006.1| PREDICTED: Homo sapiens hypothetical LOC100507163 (LO  
 i7F0711), miscRNA; gi|310120433|ref|XR\_109003.1| PREDICTED: Homo sapiens hypothetical protein D  
 miscRNA; gi|310120489|ref|XR\_110548.1| PREDICTED: Homo sapiens hypothetical LOC100506853 (LO  
 miscRNA; gi|310120509|ref|XR\_110406.1| PREDICTED: Homo sapiens hypothetical LOC100507008 (LO  
 miscRNA; gi|310120528|ref|XR\_110423.1| PREDICTED: Homo sapiens hypothetical LOC100131132 (LO  
 2 (LOC100507212), miscRNA; gi|310120520|ref|XR\_110413.1| PREDICTED: Homo sapiens hypothetica  
 miscRNA; gi|310120532|ref|XR\_110427.1| PREDICTED: Homo sapiens hypothetical LOC100130698 (LO  
 miscRNA;  
 miscRNA; gi|310120574|ref|XR\_110461.1| PREDICTED: Homo sapiens hypothetical LOC100506126 (LO  
 miscRNA; gi|310120573|ref|XR\_110460.1| PREDICTED: Homo sapiens hypothetical LOC100129413 (LO  
 1 (LOC100506057), miscRNA; gi|310110077|ref|XR\_111132.1| PREDICTED: Homo sapiens hypothetica  
 miscRNA;  
 miscRNA; gi|310120618|ref|XR\_109053.1| PREDICTED: Homo sapiens hypothetical LOC100506066 (LO  
 miscRNA; gi|310120624|ref|XR\_109061.1| PREDICTED: Homo sapiens hypothetical LOC100506238 (LO  
 .00287223), mRNA; gi|239744348|ref|XM\_002343061.1| PREDICTED: Homo sapiens hypothetical prote  
 miscRNA;  
 miscRNA; gi|310120667|ref|XR\_109043.1| PREDICTED: Homo sapiens hypothetical LOC100507245 (LO  
 .00131381), mRNA; gi|310120665|ref|XM\_001717461.2| PREDICTED: Homo sapiens hypothetical prote  
 miscRNA; gi|310120664|ref|XR\_109044.1| PREDICTED: Homo sapiens hypothetical LOC100507261 (LO

miscRNA; gi|310120658|ref|XR\_109040.1| PREDICTED: Homo sapiens hypothetical LOC100507164 (LO  
 miscRNA; gi|310120657|ref|XR\_109039.1| PREDICTED: Homo sapiens hypothetical LOC100507144 (LO  
 A; gi|310120634|ref|XM\_291816.8| PREDICTED: Homo sapiens otogelin, transcript variant 2 (OTOG), n  
 miscRNA;  
 miscRNA; gi|310120631|ref|XR\_109069.1| PREDICTED: Homo sapiens hypothetical LOC100506352 (LO  
 A, member 4E (MS4A4E), mRNA; gi|310120700|ref|XM\_003119183.1| PREDICTED: Homo sapiens mer  
 A;  
 miscRNA; gi|310120707|ref|XR\_110911.1| PREDICTED: Homo sapiens hypothetical LOC100507521 (LO  
 2 (LOC100507675), miscRNA; gi|310120717|ref|XR\_110919.1| PREDICTED: Homo sapiens hypothetical  
 miscRNA; gi|310120709|ref|XR\_110913.1| PREDICTED: Homo sapiens hypothetical LOC100507609 (LO  
 [SHANK2-AS3), miscRNA; gi|310120730|ref|XR\_110890.1| PREDICTED: Homo sapiens SHANK2 antisens  
 miscRNA; gi|310120751|ref|XR\_110898.1| PREDICTED: Homo sapiens hypothetical LOC100506259 (LO  
 miscRNA; gi|310120747|ref|XR\_110894.1| PREDICTED: Homo sapiens hypothetical LOC100289388 (LO  
 protein 1-like (LOC100131392), mRNA;  
 A; gi|310120790|ref|XR\_110526.1| PREDICTED: Homo sapiens hypothetical MGC13053 (MGC13053), m  
 miscRNA;  
 A; gi|310121799|ref|XR\_110535.1| PREDICTED: Homo sapiens hypothetical LOC403312 (MGC39545), n  
 1797|ref|XR\_110533.1| PREDICTED: Homo sapiens IGY565 (LOC100130428), miscRNA;  
 miscRNA; gi|310120793|ref|XR\_110530.1| PREDICTED: Homo sapiens hypothetical LOC100507165 (LO  
 miscRNA; gi|310122812|ref|XR\_110540.1| PREDICTED: Homo sapiens hypothetical LOC100130507 (LO  
 miscRNA; gi|310122825|ref|XR\_109119.1| PREDICTED: Homo sapiens hypothetical LOC100129223 (LO  
 miscRNA; gi|310122819|ref|XR\_109115.1| PREDICTED: Homo sapiens hypothetical LOC100130219 (LO  
 miscRNA;  
 miscRNA; gi|310122834|ref|XR\_109126.1| PREDICTED: Homo sapiens hypothetical LOC100127974 (LO  
 A; gi|310122841|ref|XM\_001128260.3| PREDICTED: Homo sapiens ovostatin homolog 2-like (LOC72  
 miscRNA; gi|310122844|ref|XR\_109082.1| PREDICTED: Homo sapiens hypothetical LOC100506159 (LO  
 1 (LOC100506226), miscRNA; gi|310122846|ref|XR\_109085.1| PREDICTED: Homo sapiens hypothetical  
 miscRNA; gi|310122867|ref|XR\_109095.1| PREDICTED: Homo sapiens hypothetical LOC100506606 (LO  
 miscRNA;  
 ial-like (LOC100507855), mRNA;  
 .00130830), mRNA; gi|310122872|ref|XM\_002343196.2| PREDICTED: Homo sapiens hypothetical prote  
 miscRNA; gi|310122877|ref|XR\_110351.1| PREDICTED: Homo sapiens hypothetical LOC100506577 (LO  
 miscRNA; gi|310122878|ref|XR\_110357.1| PREDICTED: Homo sapiens hypothetical LOC100506684 (LO  
 miscRNA; gi|310122895|ref|XR\_110349.1| PREDICTED: Homo sapiens hypothetical LOC100293962 (LO  
 03), mRNA; gi|310122897|ref|XM\_001127575.4| PREDICTED: Homo sapiens hypothetical protein LOC  
 miscRNA;  
 miscRNA;  
 10122909|ref|XR\_110362.1| PREDICTED: Homo sapiens HBcAg-binding protein (HBCBP), miscRNA;  
 miscRNA; gi|310122938|ref|XR\_110321.1| PREDICTED: Homo sapiens hypothetical LOC100507363 (LO  
 miscRNA; gi|310122935|ref|XR\_110378.1| PREDICTED: Homo sapiens hypothetical LOC100507317 (LO  
 miscRNA; gi|310122930|ref|XR\_110372.1| PREDICTED: Homo sapiens hypothetical LOC100129940 (LO  
 .00509156), mRNA;  
 miscRNA; gi|310122943|ref|XR\_110324.1| PREDICTED: Homo sapiens hypothetical LOC100507515 (LO  
 miscRNA; gi|310122941|ref|XR\_110322.1| PREDICTED: Homo sapiens hypothetical LOC100507484 (LO  
 miscRNA;  
 miscRNA; gi|310122977|ref|XR\_109131.1| PREDICTED: Homo sapiens hypothetical LOC100506452 (LO  
 miscRNA;

miscRNA; gi|310122992|ref|XR\_109102.1| PREDICTED: Homo sapiens hypothetical LOC100293704 (LOC100508384), mRNA;  
 miscRNA; gi|341915635|ref|XR\_132585.1| PREDICTED: Homo sapiens hypothetical LOC100128002 (LOC10123013|ref|XR\_110103.1| PREDICTED: Homo sapiens zinc finger protein 891 (ZNF891), miscRNA; .00507293), mRNA;  
 miscRNA; gi|310123037|ref|XR\_110118.1| PREDICTED: Homo sapiens hypothetical LOC100507253 (LOC100507253), mRNA;  
 miscRNA; gi|310123044|ref|XR\_110123.1| PREDICTED: Homo sapiens hypothetical LOC100129597 (LOC100129597), mRNA;  
 miscRNA; gi|310123045|ref|XR\_110124.1| PREDICTED: Homo sapiens hypothetical LOC100507398 (LOC100507398), mRNA;  
 miscRNA; gi|310124354|ref|XR\_109157.1| PREDICTED: Homo sapiens hypothetical LOC100505533 (LOC100505533), mRNA;  
 miscRNA; gi|310124343|ref|XR\_109148.1| PREDICTED: Homo sapiens hypothetical LOC100507566 (LOC100507566), mRNA;  
 miscRNA; gi|310123073|ref|XR\_110261.1| PREDICTED: Homo sapiens hypothetical LOC100507513 (LOC100507513), mRNA;  
 miscRNA; gi|310123075|ref|XR\_110265.1| PREDICTED: Homo sapiens hypothetical LOC100505758 (LOC100505758), mRNA;  
 miscRNA; gi|310123076|ref|XR\_110266.1| PREDICTED: Homo sapiens hypothetical LOC100128908 (LOC100128908), mRNA;  
 gi|310123077|ref|XM\_003118918.1| PREDICTED: Homo sapiens RING finger protein A; gi|310123082|ref|XR\_110268.1| PREDICTED: Homo sapiens hypothetical LOC728755 (LOC728755), mRNA;  
 miscRNA; gi|310123089|ref|XR\_110276.1| PREDICTED: Homo sapiens hypothetical LOC100506110 (LOC100506110), mRNA;  
 miscRNA; gi|310123112|ref|XR\_110297.1| PREDICTED: Homo sapiens hypothetical LOC100506751 (LOC100506751), mRNA;  
 proteinase, antitrypsin), member 2 (SERPINA2), miscRNA; gi|341915673|ref|XR\_110240.2| PREDICTED: Homo sapiens hypothetical LOC100506718 (LOC100506718), mRNA;  
 miscRNA; gi|310123137|ref|XR\_110230.1| PREDICTED: Homo sapiens hypothetical LOC100506536 (LOC100506536), mRNA;  
 miscRNA; gi|310123128|ref|XR\_110224.1| PREDICTED: Homo sapiens hypothetical LOC100506536 (LOC100506536), mRNA;  
 miscRNA; gi|310123168|ref|XR\_110252.1| PREDICTED: Homo sapiens hypothetical LOC100507277 (LOC100507277), mRNA;  
 miscRNA; gi|310123167|ref|XR\_110251.1| PREDICTED: Homo sapiens hypothetical LOC100507257 (LOC100507257), mRNA;  
 miscRNA; gi|310123157|ref|XR\_110247.1| PREDICTED: Homo sapiens hypothetical LOC100507108 (LOC100507108), mRNA;  
 miscRNA; gi|310123151|ref|XR\_110241.1| PREDICTED: Homo sapiens hypothetical LOC100506999 (LOC100506999), mRNA;  
 .00288568), mRNA; gi|310123178|ref|XM\_002343297.2| PREDICTED: Homo sapiens hypothetical protein 6-like (LOC100134285), mRNA;  
 2 (LOC100129119), miscRNA; gi|310123322|ref|XR\_109160.1| PREDICTED: Homo sapiens hypothetical LOC145694 (LOC145694), mRNA;  
 A; gi|310123319|ref|XR\_109210.1| PREDICTED: Homo sapiens hypothetical LOC145694 (LOC145694), mRNA;  
 miscRNA; gi|310123316|ref|XR\_109205.1| PREDICTED: Homo sapiens hypothetical LOC100128979 (LOC100128979), mRNA;  
 miscRNA; gi|310123343|ref|XR\_109170.1| PREDICTED: Homo sapiens hypothetical LOC100506942 (LOC100506942), mRNA;  
 miscRNA; gi|310123361|ref|XR\_110599.1| PREDICTED: Homo sapiens hypothetical LOC100505661 (LOC100505661), mRNA;  
 miscRNA; gi|310123386|ref|XR\_109222.1| PREDICTED: Homo sapiens hypothetical LOC100507166 (LOC100507166), mRNA;  
 4|ref|XR\_109224.1| PREDICTED: Homo sapiens IFMQ9370 (UNQ9370), miscRNA;  
 1 (LOC100507452), miscRNA; gi|310123407|ref|XR\_109232.1| PREDICTED: Homo sapiens hypothetical LOC145757 (LOC145757), mRNA;  
 A; gi|310123405|ref|XR\_109231.1| PREDICTED: Homo sapiens hypothetical LOC145757 (LOC145757), mRNA;  
 miscRNA;  
 miscRNA;  
 miscRNA; gi|310123548|ref|XR\_109286.1| PREDICTED: Homo sapiens hypothetical LOC100507110 (LOC100507110), mRNA;  
 miscRNA; gi|310124557|ref|XR\_110135.1| PREDICTED: Homo sapiens hypothetical protein MGC34800 (MGC34800), mRNA;  
 miscRNA; gi|310124556|ref|XR\_110136.1| PREDICTED: Homo sapiens hypothetical LOC100505948 (LOC100505948), mRNA;  
 miscRNA; gi|310124359|ref|XR\_109297.1| PREDICTED: Homo sapiens hypothetical LOC100505574 (LOC100505574), mRNA;  
 .00132339), mRNA; gi|310124367|ref|XM\_001719300.3| PREDICTED: Homo sapiens hypothetical protein

miscRNA; gi|310124370|ref|XR\_109304.1| PREDICTED: Homo sapiens hypothetical LOC100505722 (LOC729159), mRNA; gi|310124376|ref|XM\_001129515.3| PREDICTED: Homo sapiens UPF0607 protein .24378|ref|XR\_109310.1| PREDICTED: Homo sapiens FLJ27243 protein (FLJ27243), miscRNA;  
 miscRNA; gi|310124379|ref|XR\_109311.1| PREDICTED: Homo sapiens hypothetical LOC100505908 (LOC100506105), mRNA; gi|310124388|ref|XR\_109318.1| PREDICTED: Homo sapiens hypothetical LOC100506105 (LOC100506467), mRNA; gi|310124407|ref|XR\_109329.1| PREDICTED: Homo sapiens hypothetical LOC100506467 (LOC100506521), mRNA; gi|310124411|ref|XR\_109331.1| PREDICTED: Homo sapiens hypothetical LOC100506521 (LOC100506559), mRNA; gi|310124413|ref|XR\_109333.1| PREDICTED: Homo sapiens hypothetical LOC100506559 (LOC400553), mRNA; gi|310124422|ref|XR\_109336.1| PREDICTED: Homo sapiens hypothetical LOC400553 (LOC400553), mRNA; gi|310124425|ref|XR\_109339.1| PREDICTED: Homo sapiens hypothetical protein FLJ40448 (FLJ40448), mRNA; gi|310124426|ref|XR\_109340.1| PREDICTED: Homo sapiens hypothetical LOC100129697 (LOC100129697), mRNA; gi|310124427|ref|XR\_109341.1| PREDICTED: Homo sapiens hypothetical LOC100506183 (LOC100506183), mRNA; gi|310123420|ref|XR\_109239.1| PREDICTED: Homo sapiens hypothetical LOC100287301 (GS52), mRNA; gi|310123443|ref|XR\_109253.1| PREDICTED: Homo sapiens hypothetical LOC100505487 (LOC100505564), mRNA; gi|310123446|ref|XM\_003118688.1| PREDICTED: Homo sapiens hypothetical protein 54|ref|XR\_109256.1| PREDICTED: Homo sapiens hCG1983896 (FLJ32790), mRNA; gi|310123505|ref|XR\_109264.1| PREDICTED: Homo sapiens hypothetical LOC100506372 (LOC100506372), mRNA; gi|310123514|ref|XR\_109271.1| PREDICTED: Homo sapiens hypothetical LOC400511 (FLJ45256), mRNA; gi|310123564|ref|XR\_110137.1| PREDICTED: Homo sapiens hypothetical LOC100506371 (LOC100506676), mRNA; gi|310123575|ref|XR\_109353.1| PREDICTED: Homo sapiens hypothetical LOC100506676 (LOC100506676), mRNA; gi|310123590|ref|XR\_109370.1| PREDICTED: Homo sapiens hypothetical LOC100507069 (LOC100507904), mRNA; gi|310123601|ref|XR\_109447.1| PREDICTED: Homo sapiens hypothetical LOC100506418 (LOC100506596), mRNA; gi|310123611|ref|XM\_003118754.1| PREDICTED: Homo sapiens hypothetical protein 9-7|ref|XR\_109447.1| PREDICTED: Homo sapiens keratin associated protein 9-7 (KAP9-7), mRNA; gi|310123639|ref|XM\_003118738.1| PREDICTED: Homo sapiens keratin associated protein 9-7 (KAP9-7), mRNA; gi|310123668|ref|XR\_109396.1| PREDICTED: Homo sapiens hypothetical LOC100506325 (LOC100506325), mRNA; gi|310123672|ref|XR\_109398.1| PREDICTED: Homo sapiens hypothetical LOC100506373 (LOC100506373), mRNA; gi|310123673|ref|XR\_109399.1| PREDICTED: Homo sapiens hypothetical LOC100288866 (LOC100288866), mRNA; gi|310123704|ref|XR\_109424.1| PREDICTED: Homo sapiens hypothetical LOC400618 (FLJ37644), mRNA; gi|310123701|ref|XR\_109421.1| PREDICTED: Homo sapiens hypothetical LOC100507002 (LOC100507002), mRNA; gi|310123719|ref|XM\_003118748.1| PREDICTED: Homo sapiens hypothetical protein 110819|ref|XR\_110819.1| PREDICTED: Homo sapiens hypothetical LOC644767 (FLJ44838), mRNA; gi|310124673|ref|XR\_110819.1| PREDICTED: Homo sapiens hypothetical LOC644767 (FLJ44838), mRNA; gi|310124442|ref|XR\_109462.1| PREDICTED: Homo sapiens hypothetical LOC100505577 (LOC100505577), mRNA; gi|310124444|ref|XR\_109464.1| PREDICTED: Homo sapiens hypothetical LOC84777 (MGC11082), mRNA; gi|310113223|ref|XR\_111772.1| PREDICTED: Homo sapiens hypothetical LOC100509075 (LOC100509075), mRNA; gi|310123752|ref|XR\_109476.1| PREDICTED: Homo sapiens hypothetical LOC100506854 (LOC100506854), mRNA; gi|310123744|ref|XR\_109470.1| PREDICTED: Homo sapiens hypothetical LOC100128893 (LOC100128893), mRNA;

miscRNA; gi|310123771|ref|XR\_110147.1| PREDICTED: Homo sapiens hypothetical LOC100505626 (LO  
 miscRNA;  
 miscRNA; gi|310124475|ref|XR\_109559.1| PREDICTED: Homo sapiens hypothetical LOC100130856 (LO  
 miscRNA; gi|310124474|ref|XR\_109558.1| PREDICTED: Homo sapiens hypothetical LOC100507094 (LO  
 miscRNA; gi|310124468|ref|XR\_109556.1| PREDICTED: Homo sapiens hypothetical LOC100507004 (LO  
 miscRNA; gi|310123801|ref|XR\_109580.1| PREDICTED: Homo sapiens hypothetical LOC100505555 (LO  
 miscRNA; gi|310123855|ref|XR\_109526.1| PREDICTED: Homo sapiens hypothetical LOC100507550 (LO  
 2 (LOC100507372), miscRNA; gi|310113382|ref|XR\_111881.1| PREDICTED: Homo sapiens hypothetica  
 miscRNA; gi|310123882|ref|XR\_109525.1| PREDICTED: Homo sapiens hypothetical LOC100507486 (LO  
 miscRNA; gi|310123889|ref|XR\_109530.1| PREDICTED: Homo sapiens hypothetical LOC100507668 (LO  
 miscRNA; gi|310123898|ref|XR\_109540.1| PREDICTED: Homo sapiens hypothetical LOC100132272 (LO  
 miscRNA; gi|310123903|ref|XR\_109545.1| PREDICTED: Homo sapiens hypothetical LOC100505743 (LO  
 miscRNA; gi|310123930|ref|XR\_109488.1| PREDICTED: Homo sapiens hypothetical LOC100505928 (LO  
 miscRNA; gi|310123924|ref|XR\_109485.1| PREDICTED: Homo sapiens hypothetical LOC100505825 (LO  
 miscRNA;  
 miscRNA; gi|310123943|ref|XR\_109495.1| PREDICTED: Homo sapiens hypothetical LOC100506174 (LO  
 miscRNA; gi|310123939|ref|XR\_109493.1| PREDICTED: Homo sapiens hypothetical LOC100506114 (LO  
 miscRNA;  
 miscRNA; gi|310123958|ref|XR\_109500.1| PREDICTED: Homo sapiens hypothetical LOC100506419 (LO  
 miscRNA; gi|310118719|ref|XR\_110827.1| PREDICTED: Homo sapiens hypothetical LOC100505824 (LO  
 miscRNA;  
 iscRNA; gi|310118499|ref|XR\_109862.1| PREDICTED: Homo sapiens non-protein coding RNA 337 (NCR  
 18500|ref|XR\_109863.1| PREDICTED: Homo sapiens GSQS6193 (LOC100130071), miscRNA;  
 miscRNA; gi|310118512|ref|XR\_109872.1| PREDICTED: Homo sapiens hypothetical LOC100506022 (LO  
 miscRNA; gi|310118736|ref|XR\_108351.1| PREDICTED: Homo sapiens hypothetical LOC100505516 (LO  
 A; gi|310118739|ref|XR\_108352.1| PREDICTED: Homo sapiens hypothetical LOC339400 (LOC339400), r  
 miscRNA; gi|310118761|ref|XR\_108300.1| PREDICTED: Homo sapiens hypothetical LOC100147773 (LO  
 miscRNA; gi|310118760|ref|XR\_108299.1| PREDICTED: Homo sapiens hypothetical LOC100505828 (LO  
 ndrial-like (LOC100287509), mRNA; gi|239741381|ref|XM\_002342119.1| PREDICTED: Homo sapiens cy  
 .00506871), mRNA; gi|310118813|ref|XM\_003118502.1| PREDICTED: Homo sapiens hypothetical prote  
 miscRNA; gi|310118812|ref|XR\_108336.1| PREDICTED: Homo sapiens hypothetical LOC100506855 (LO  
 miscRNA; gi|310118810|ref|XR\_108334.1| PREDICTED: Homo sapiens hypothetical LOC100506823 (LO  
 2 (LOC100506206), miscRNA; gi|310118779|ref|XR\_108316.1| PREDICTED: Homo sapiens hypothetica  
 3 (LOC100505991), miscRNA; gi|310118768|ref|XR\_108307.1| PREDICTED: Homo sapiens hypothetica  
 miscRNA; gi|310118766|ref|XR\_108305.1| PREDICTED: Homo sapiens hypothetical LOC100127910 (LO  
 1orf167), mRNA; gi|310118519|ref|XM\_003118845.1| PREDICTED: Homo sapiens chromosome 1 open  
 100506310), mRNA; gi|310118523|ref|XM\_003118849.1| PREDICTED: Homo sapiens uncharacterized  
 miscRNA;  
 L47), miscRNA; gi|310118819|ref|XR\_110846.1| PREDICTED: Homo sapiens chromosome 1 open readir  
 2 (LOC100509303), miscRNA; gi|310113630|ref|XR\_112009.1| PREDICTED: Homo sapiens hypothetica  
 310118845|ref|XM\_001722031.2| PREDICTED: Homo sapiens butyrophilin related 1 (BUTR1), mRNA;  
 A; gi|310118850|ref|XR\_110853.1| PREDICTED: Homo sapiens hypothetical LOC100130249 (PP2672), r  
 miscRNA; gi|310118860|ref|XR\_110858.1| PREDICTED: Homo sapiens hypothetical LOC100507030 (LO  
 A; gi|310118859|ref|XR\_110857.1| PREDICTED: Homo sapiens hypothetical LOC440742 (LOC440742), r  
 2 (LOC100506985), miscRNA; gi|310118550|ref|XR\_108374.1| PREDICTED: Homo sapiens hypothetica  
 miscRNA; gi|310118551|ref|XR\_108376.1| PREDICTED: Homo sapiens hypothetical LOC100507013 (LO  
 miscRNA; gi|310118573|ref|XR\_110501.1| PREDICTED: Homo sapiens hypothetical LOC100286988 (LO

miscRNA; gi|310118566|ref|XR\_110496.1| PREDICTED: Homo sapiens hypothetical LOC100506594 (LOC100506594), miscRNA; gi|310118590|ref|XR\_110506.1| PREDICTED: Homo sapiens hypothetical LOC100507408 (LOC100507408), r  
 ndrial-like (LOC100133124), mRNA; gi|239741154|ref|XM\_002342108.1| PREDICTED: Homo sapiens cy  
 L91), miscRNA; gi|310118597|ref|XR\_110512.1| PREDICTED: Homo sapiens chromosome 1 open readir  
 A; gi|310118483|ref|XR\_108282.1| PREDICTED: Homo sapiens hypothetical LOC284600 (LOC284600), r  
 .00506504), mRNA; gi|310118492|ref|XM\_003118494.1| PREDICTED: Homo sapiens hypothetical prote  
 A; gi|310118620|ref|XR\_110479.1| PREDICTED: Homo sapiens hypothetical LOC730081 (LOC730081), r  
 miscRNA; gi|310118618|ref|XR\_110477.1| PREDICTED: Homo sapiens hypothetical LOC100505940 (LO  
 miscRNA; gi|310118613|ref|XR\_110473.1| PREDICTED: Homo sapiens hypothetical LOC100505821 (LO  
 A; gi|310118633|ref|XR\_110489.1| PREDICTED: Homo sapiens hypothetical LOC643355 (LOC643355), r  
 miscRNA; gi|310118638|ref|XR\_110492.1| PREDICTED: Homo sapiens hypothetical LOC100506459 (LO  
 .00509378), mRNA;  
 .00509860), mRNA;  
 RNA; gi|310124505|ref|XM\_003118807.1| PREDICTED: Homo sapiens protein FAM27E2-like (LOC1002:  
 (GDF5OS), miscRNA; gi|310123983|ref|XR\_109597.1| PREDICTED: Homo sapiens growth differentiatio  
 miscRNA; gi|310123973|ref|XR\_109631.1| PREDICTED: Homo sapiens hypothetical LOC100506402 (LO  
 miscRNA; gi|310123988|ref|XR\_109601.1| PREDICTED: Homo sapiens hypothetical LOC100128988 (LO  
 miscRNA; gi|310123989|ref|XR\_109602.1| PREDICTED: Homo sapiens hypothetical LOC100505725 (LO  
 miscRNA; gi|310124001|ref|XR\_109614.1| PREDICTED: Homo sapiens hypothetical LOC100128028 (LO  
 miscRNA; gi|310124006|ref|XR\_109619.1| PREDICTED: Homo sapiens hypothetical LOC100506053 (LO  
 1 (LOC100506115), miscRNA; gi|310113892|ref|XR\_112162.1| PREDICTED: Homo sapiens hypothetica  
 miscRNA; gi|310124012|ref|XR\_109624.1| PREDICTED: Homo sapiens hypothetical LOC100506153 (LO  
 A; gi|310124023|ref|XR\_109632.1| PREDICTED: Homo sapiens hypothetical LOC729296 (LOC729296), r  
 miscRNA; gi|310124021|ref|XR\_109629.1| PREDICTED: Homo sapiens hypothetical LOC100506348 (LO  
 miscRNA; gi|310124025|ref|XR\_109634.1| PREDICTED: Homo sapiens hypothetical LOC100128310 (LO  
 .00509861), mRNA;  
 1 (LOC100134423), miscRNA; gi|310113926|ref|XR\_112193.1| PREDICTED: Homo sapiens hypothetica  
 miscRNA; gi|310124044|ref|XR\_109658.1| PREDICTED: Homo sapiens hypothetical LOC100505973 (LO  
 .24054|ref|XR\_109667.1| PREDICTED: Homo sapiens FLJ46020 protein (FLJ46020), miscRNA;  
 A; gi|310124055|ref|XR\_109669.1| PREDICTED: Homo sapiens hypothetical LOC388820 (LOC388820), r  
 miscRNA;  
 iscRNA; gi|310124070|ref|XR\_109689.1| PREDICTED: Homo sapiens non-protein coding RNA 322 (NCR  
 .24072|ref|XR\_109691.1| PREDICTED: Homo sapiens FLJ41733 protein (FLJ41733), miscRNA;  
 miscRNA; gi|310124073|ref|XR\_109692.1| PREDICTED: Homo sapiens hypothetical LOC100506021 (LO  
 miscRNA; gi|310124076|ref|XR\_109681.1| PREDICTED: Homo sapiens hypothetical LOC100505727 (LO  
 by NCRNA00205-like (LOC100509196), mRNA;  
 miscRNA; gi|310124080|ref|XR\_109685.1| PREDICTED: Homo sapiens hypothetical LOC100505827 (LO  
 f37), miscRNA; gi|310124508|ref|XR\_109694.1| PREDICTED: Homo sapiens chromosome 22 open read  
 miscRNA; gi|310124102|ref|XR\_109748.1| PREDICTED: Homo sapiens hypothetical LOC100286925 (LO  
 miscRNA;  
 miscRNA;  
 miscRNA; gi|310124111|ref|XR\_109756.1| PREDICTED: Homo sapiens hypothetical LOC100507669 (LO  
 13|ref|XR\_109705.1| PREDICTED: Homo sapiens VLG1945 (LOC646513), miscRNA;  
 miscRNA; gi|310124114|ref|XR\_109706.1| PREDICTED: Homo sapiens hypothetical LOC100506075 (LO  
 miscRNA; gi|310124117|ref|XR\_109708.1| PREDICTED: Homo sapiens hypothetical protein MGC15705  
 miscRNA; gi|310124128|ref|XR\_109716.1| PREDICTED: Homo sapiens hypothetical LOC100506361 (LO  
 4 (LOC100134361), miscRNA; gi|310124148|ref|XR\_109725.1| PREDICTED: Homo sapiens hypothetica

miscRNA; gi|310124154|ref|XR\_109732.1| PREDICTED: Homo sapiens hypothetical LOC100506737 (LO  
 gi|310124159|ref|XR\_109737.1| PREDICTED: Homo sapiens hypothetical LOC642757 (FLJ32756), miscf  
 miscRNA; gi|310124161|ref|XR\_109739.1| PREDICTED: Homo sapiens hypothetical LOC100506877 (LO  
 OC727944), miscRNA; gi|310118865|ref|XR\_109991.1| PREDICTED: Homo sapiens hypothetical LOC72  
 miscRNA;  
 3 (LOC100506014), miscRNA; gi|310118870|ref|XR\_109907.1| PREDICTED: Homo sapiens hypothetica  
 miscRNA; gi|310118877|ref|XR\_108384.1| PREDICTED: Homo sapiens hypothetical LOC100506216 (LO  
 miscRNA; gi|310118881|ref|XR\_108388.1| PREDICTED: Homo sapiens hypothetical LOC100506299 (LO  
 miscRNA;  
 miscRNA; gi|310118888|ref|XR\_108395.1| PREDICTED: Homo sapiens hypothetical LOC100506439 (LO  
 .00509763), mRNA;  
 miscRNA; gi|310118902|ref|XR\_109962.1| PREDICTED: Homo sapiens hypothetical LOC100505605 (LO  
 miscRNA; gi|310118903|ref|XR\_109965.1| PREDICTED: Homo sapiens hypothetical LOC100505736 (LO  
 miscRNA; gi|310118906|ref|XR\_109967.1| PREDICTED: Homo sapiens hypothetical LOC100505774 (LO  
 (SOS1-IT1), miscRNA; gi|310118911|ref|XR\_109972.1| PREDICTED: Homo sapiens SOS1 intronic transcr  
 miscRNA; gi|310118916|ref|XR\_109977.1| PREDICTED: Homo sapiens hypothetical LOC100130502 (LO  
 gi|310118920|ref|XR\_109981.1| PREDICTED: Homo sapiens hypothetical LOC440862 (FLJ41757), miscf  
 miscRNA; gi|310118930|ref|XR\_109938.1| PREDICTED: Homo sapiens hypothetical LOC100129434 (LO  
 A; gi|310118936|ref|XR\_109942.1| PREDICTED: Homo sapiens hypothetical LOC730184 (LOC730184), r  
 g) (ZNF638-IT1), miscRNA; gi|310118939|ref|XR\_109944.1| PREDICTED: Homo sapiens ZNF638 intronic  
 1 (LOC100132330), miscRNA; gi|310118957|ref|XR\_109955.1| PREDICTED: Homo sapiens hypothetica  
 L00509620), mRNA; gi|341916255|ref|XM\_003403385.1| PREDICTED: Homo sapiens aquaporin-7-like,  
 36C (LOC400986), mRNA; gi|310118967|ref|XM\_003118857.1| PREDICTED: Homo sapiens ankyrin rep  
 miscRNA; gi|310118988|ref|XR\_109934.1| PREDICTED: Homo sapiens hypothetical LOC100506494 (LO  
 18981|ref|XR\_109928.1| PREDICTED: Homo sapiens AHPA9419 (LOC100131131), miscRNA;  
 miscRNA; gi|310118980|ref|XR\_109927.1| PREDICTED: Homo sapiens hypothetical LOC100506328 (LO  
 miscRNA; gi|310118979|ref|XR\_109926.1| PREDICTED: Homo sapiens hypothetical LOC100506286 (LO  
 miscRNA; gi|310118978|ref|XR\_109925.1| PREDICTED: Homo sapiens hypothetical LOC100506262 (LO  
 A; gi|310118977|ref|XR\_109924.1| PREDICTED: Homo sapiens hypothetical LOC150577 (LOC150577), r  
 miscRNA;  
 |310119016|ref|XR\_109903.1| PREDICTED: Homo sapiens hypothetical FLJ44006 (FLJ44006), miscRNA;  
 miscRNA; gi|310119018|ref|XR\_109904.1| PREDICTED: Homo sapiens hypothetical LOC100128130 (LO  
 miscRNA;  
 miscRNA; gi|310119023|ref|XR\_109879.1| PREDICTED: Homo sapiens hypothetical LOC100506762 (LO  
 miscRNA; gi|310119022|ref|XR\_109878.1| PREDICTED: Homo sapiens hypothetical LOC100506748 (LO  
 miscRNA; gi|310119052|ref|XR\_109900.1| PREDICTED: Homo sapiens hypothetical LOC100131316 (LO  
 .00134240), mRNA;  
 :RNA; gi|310119045|ref|XR\_109896.1| PREDICTED: Homo sapiens AML-associated zinc finger protein (/   
 |341915174|ref|XM\_001724242.4| PREDICTED: Homo sapiens zinc finger protein 806 (ZNF806), mRNA  
 .41), mRNA; gi|310119073|ref|XM\_209489.7| PREDICTED: Homo sapiens hypothetical protein LOC285:  
 .00128905), mRNA; gi|310119076|ref|XM\_001721845.3| PREDICTED: Homo sapiens hypothetical prote  
 miscRNA; gi|310119088|ref|XR\_108408.1| PREDICTED: Homo sapiens hypothetical LOC100506923 (LO  
 miscRNA; gi|310119102|ref|XR\_108420.1| PREDICTED: Homo sapiens hypothetical LOC100507247 (LO  
 miscRNA;  
 A; gi|310119122|ref|XR\_108432.1| PREDICTED: Homo sapiens hypothetical LOC729770 (LOC729770), r  
 miscRNA;  
 2 (LOC100507948), miscRNA; gi|310114322|ref|XR\_112445.1| PREDICTED: Homo sapiens hypothetica

|310124546|ref|XR\_109937.1| PREDICTED: Homo sapiens hypothetical FLJ45964 (FLJ45964), miscRNA;  
A; gi|310119145|ref|XR\_108453.1| PREDICTED: Homo sapiens hypothetical LOC728208 (LOC728208), r  
t variant 1 (LOC285095), mRNA; gi|341915198|ref|XR\_132492.1| PREDICTED: Homo sapiens hypotheti  
.00509490), mRNA;  
A; gi|310119231|ref|XR\_110023.1| PREDICTED: Homo sapiens hypothetical LOC151877 (LOC151877), r  
miscRNA; gi|310119218|ref|XR\_110014.1| PREDICTED: Homo sapiens hypothetical LOC100506906 (LO  
miscRNA; gi|310119203|ref|XR\_110001.1| PREDICTED: Homo sapiens hypothetical LOC100506637 (LO  
miscRNA; gi|310119192|ref|XR\_110000.1| PREDICTED: Homo sapiens hypothetical LOC100506485 (LO  
miscRNA; gi|310119187|ref|XR\_110049.1| PREDICTED: Homo sapiens hypothetical LOC100506275 (LO  
miscRNA;  
miscRNA; gi|310119178|ref|XR\_110046.1| PREDICTED: Homo sapiens hypothetical LOC100505947 (LO  
1 (LOC100505877), miscRNA; gi|310114418|ref|XR\_112472.1| PREDICTED: Homo sapiens hypothetica  
miscRNA;  
.19158|ref|XR\_110032.1| PREDICTED: Homo sapiens LMNE6487 (LOC100128644), miscRNA;  
miscRNA; gi|310119157|ref|XR\_110031.1| PREDICTED: Homo sapiens hypothetical LOC100133039 (LO  
A; gi|310119233|ref|XR\_109995.1| PREDICTED: Homo sapiens hypothetical LOC285286 (LOC285286), r  
miscRNA; gi|310119235|ref|XR\_109997.1| PREDICTED: Homo sapiens hypothetical LOC100506865 (LO  
A;  
miscRNA; gi|310119258|ref|XR\_108468.1| PREDICTED: Homo sapiens hypothetical LOC100506673 (LO  
miscRNA;  
miscRNA; gi|310119243|ref|XR\_108458.1| PREDICTED: Homo sapiens hypothetical LOC100506377 (LO  
miscRNA; gi|310119269|ref|XR\_108479.1| PREDICTED: Homo sapiens hypothetical LOC100132481 (LO  
5), miscRNA; gi|310119270|ref|XR\_108480.1| PREDICTED: Homo sapiens chromosome 3 open reading  
miscRNA; gi|310119272|ref|XR\_108482.1| PREDICTED: Homo sapiens hypothetical LOC100506995 (LO  
miscRNA; gi|310119333|ref|XR\_108529.1| PREDICTED: Homo sapiens hypothetical LOC100505844 (LO  
miscRNA; gi|310119328|ref|XR\_108524.1| PREDICTED: Homo sapiens hypothetical LOC100505729 (LO  
.00508383), mRNA;  
1 (LOC100505609), miscRNA; gi|310119323|ref|XR\_108519.1| PREDICTED: Homo sapiens hypothetica  
miscRNA; gi|310119318|ref|XR\_108514.1| PREDICTED: Homo sapiens hypothetical LOC100505547 (LO  
miscRNA; gi|310119317|ref|XR\_108513.1| PREDICTED: Homo sapiens hypothetical LOC100505528 (LO  
nRNA; gi|310119308|ref|XM\_002342405.2| PREDICTED: Homo sapiens cytokine receptor CRL2 (LOC10  
miscRNA; gi|310119298|ref|XR\_108500.1| PREDICTED: Homo sapiens hypothetical LOC100507375 (LO  
2 (LOC100507291), miscRNA; gi|310119293|ref|XR\_108498.1| PREDICTED: Homo sapiens hypothetica  
.OC256374), mRNA; gi|310119289|ref|XM\_170597.8| PREDICTED: Homo sapiens peptidyl-prolyl cis-tra  
miscRNA; gi|310119288|ref|XR\_108494.1| PREDICTED: Homo sapiens hypothetical LOC100507274 (LO  
1 (LOC100507239), miscRNA; gi|310119286|ref|XR\_108491.1| PREDICTED: Homo sapiens hypothetica  
.00131035), mRNA; gi|310119283|ref|XM\_003118523.1| PREDICTED: Homo sapiens hypothetical prote  
miscRNA; gi|310119282|ref|XR\_108490.1| PREDICTED: Homo sapiens hypothetical LOC100507224 (LO  
miscRNA; gi|310119281|ref|XR\_108489.1| PREDICTED: Homo sapiens hypothetical LOC100507210 (LO  
1 (LOC100507297), miscRNA; gi|310114558|ref|XR\_112595.1| PREDICTED: Homo sapiens hypothetica  
.00129516), mRNA;  
miscRNA;  
miscRNA; gi|310124578|ref|XR\_110581.1| PREDICTED: Homo sapiens hypothetical LOC100507653 (LO  
A; gi|310124580|ref|XR\_110583.1| PREDICTED: Homo sapiens hypothetical LOC285463 (LOC285463), r  
miscRNA;  
2 (LOC100507376), miscRNA; gi|310119367|ref|XR\_108543.1| PREDICTED: Homo sapiens hypothetica  
A;



miscRNA;  
 miscRNA;  
 miscRNA;  
 miscRNA;  
 miscRNA;  
 .9406|ref|XR\_109830.1| PREDICTED: Homo sapiens TSSP3028 (LOC100131826), miscRNA;  
 .56), mRNA; gi|239742356|ref|XM\_373030.6| PREDICTED: Homo sapiens hypothetical protein LOC285!  
 .24), mRNA;  
 ) (SMARCA5-AS1), miscRNA; gi|310119450|ref|XR\_109838.1| PREDICTED: Homo sapiens SMARCA5 ant  
 miscRNA; gi|310119461|ref|XR\_109847.1| PREDICTED: Homo sapiens hypothetical LOC100505685 (LO  
 miscRNA; gi|310119467|ref|XR\_109804.1| PREDICTED: Homo sapiens hypothetical LOC100506107 (LO  
 miscRNA; gi|310119469|ref|XR\_109806.1| PREDICTED: Homo sapiens hypothetical LOC100506154 (LO  
 miscRNA;  
 miscRNA; gi|310119484|ref|XR\_108569.1| PREDICTED: Homo sapiens hypothetical LOC100288152 (LO  
 .9506|ref|XR\_108564.1| PREDICTED: Homo sapiens GAL1870 (LOC100133299), miscRNA;  
 miscRNA; gi|310119509|ref|XR\_108566.1| PREDICTED: Homo sapiens hypothetical LOC100505959 (LO  
 A; gi|310119510|ref|XR\_108565.1| PREDICTED: Homo sapiens hypothetical LOC401176 (LOC401176), r  
 miscRNA; gi|310119520|ref|XR\_108570.1| PREDICTED: Homo sapiens hypothetical LOC100506406 (LO  
 (EGFLAM-AS2), miscRNA; gi|310119522|ref|XR\_108572.1| PREDICTED: Homo sapiens EGFLAM antisen:  
 miscRNA; gi|310119528|ref|XR\_108598.1| PREDICTED: Homo sapiens hypothetical LOC100287592 (LO  
 miscRNA;  
 .-like (LOC100509323), mRNA;  
 .00), mRNA; gi|310119573|ref|XM\_374124.5| PREDICTED: Homo sapiens hypothetical protein LOC389:  
 A; gi|310119577|ref|XR\_108586.1| PREDICTED: Homo sapiens hypothetical LOC728769 (LOC728769), r  
 A; gi|310119588|ref|XR\_108595.1| PREDICTED: Homo sapiens hypothetical LOC729040 (LOC729040), r  
 miscRNA; gi|310119620|ref|XR\_110569.1| PREDICTED: Homo sapiens hypothetical LOC100506102 (LO  
 NA; gi|310119611|ref|XM\_001131022.3| PREDICTED: Homo sapiens hypothetical LOC728637 (LOC728  
 miscRNA; gi|310119604|ref|XR\_110562.1| PREDICTED: Homo sapiens hypothetical LOC100505811 (LO  
 1 (LOC100505719), miscRNA; gi|310119599|ref|XR\_110561.1| PREDICTED: Homo sapiens hypothetica  
 A;  
 miscRNA;  
 miscRNA; gi|310119650|ref|XR\_110068.1| PREDICTED: Homo sapiens hypothetical LOC100128059 (LO  
 119648|ref|XR\_110065.1| PREDICTED: Homo sapiens VCEW9374 (LOC100133106), miscRNA;  
 A; gi|310119646|ref|XR\_110064.1| PREDICTED: Homo sapiens hypothetical LOC728095 (LOC728095), r  
 1 (LOC100507336), miscRNA; gi|310114892|ref|XR\_112813.1| PREDICTED: Homo sapiens hypothetica  
 miscRNA; gi|310119687|ref|XR\_108703.1| PREDICTED: Homo sapiens hypothetical LOC100507506 (LO  
 ;|ref|XR\_108704.1| PREDICTED: Homo sapiens KU-MEL-3 (KU-MEL-3), miscRNA;  
 miscRNA; gi|310119689|ref|XR\_108629.1| PREDICTED: Homo sapiens hypothetical LOC100129461 (LO  
 miscRNA; gi|310119691|ref|XR\_108632.1| PREDICTED: Homo sapiens hypothetical LOC100507603 (LO  
 2 (LOC100505880), miscRNA; gi|310114905|ref|XR\_112832.1| PREDICTED: Homo sapiens hypothetica  
 miscRNA; gi|310119696|ref|XR\_108663.1| PREDICTED: Homo sapiens hypothetical LOC100506091, tra  
 A; gi|310119702|ref|XM\_003118558.1| PREDICTED: Homo sapiens orofacial cleft 1 candidate 1 (OFCC1  
 2 (LOC100506379), miscRNA; gi|310119704|ref|XR\_108672.1| PREDICTED: Homo sapiens hypothetica  
 miscRNA; gi|310119713|ref|XR\_108678.1| PREDICTED: Homo sapiens hypothetical LOC100506631 (LO  
 .00509824), mRNA;  
 1 (LOC100506885), miscRNA; gi|310114926|ref|XR\_112827.1| PREDICTED: Homo sapiens hypothetica  
 miscRNA; gi|310119753|ref|XR\_108630.1| PREDICTED: Homo sapiens hypothetical LOC100507563 (LO

1 (LOC100131607), miscRNA; gi|310119759|ref|XR\_108636.1| PREDICTED: Homo sapiens hypothetical  
 miscRNA; gi|310119763|ref|XR\_108641.1| PREDICTED: Homo sapiens hypothetical LOC100505550 (LO  
 miscRNA; gi|310119790|ref|XR\_108665.1| PREDICTED: Homo sapiens hypothetical LOC100506188 (LO  
 gi|310119785|ref|XR\_108662.1| PREDICTED: Homo sapiens hypothetical LOC401264 (FLJ37798), miscf  
 miscRNA; gi|310119781|ref|XR\_108660.1| PREDICTED: Homo sapiens hypothetical LOC100505966 (LO  
 1 (LOC100131283), miscRNA; gi|310115041|ref|XR\_112880.1| PREDICTED: Homo sapiens hypothetical  
 miscRNA; gi|310119769|ref|XR\_108646.1| PREDICTED: Homo sapiens hypothetical LOC100505697 (LO  
 .00507381), mRNA; gi|310119796|ref|XM\_003118553.1| PREDICTED: Homo sapiens hypothetical prote  
 miscRNA; gi|310119805|ref|XR\_108613.1| PREDICTED: Homo sapiens hypothetical LOC100506880 (LO  
 miscRNA; gi|310119807|ref|XR\_108615.1| PREDICTED: Homo sapiens hypothetical LOC100506908 (LO  
 A; gi|310119809|ref|XR\_108620.1| PREDICTED: Homo sapiens hypothetical LOC643962 (LOC643962), r  
 miscRNA; gi|310119816|ref|XR\_110205.1| PREDICTED: Homo sapiens hypothetical LOC100506148 (LO  
 miscRNA; gi|310119862|ref|XR\_110187.1| PREDICTED: Homo sapiens hypothetical LOC100507613 (LO  
 miscRNA; gi|310119855|ref|XR\_110181.1| PREDICTED: Homo sapiens hypothetical LOC100507477 (LO  
 1 (LOC100507406), miscRNA; gi|310119849|ref|XR\_110178.1| PREDICTED: Homo sapiens hypothetical  
 miscRNA; gi|310119831|ref|XR\_110210.1| PREDICTED: Homo sapiens hypothetical LOC100506408 (LO  
 like, transcript variant 1 (LOC100506339), mRNA; gi|310119828|ref|XM\_003118909.1| PREDICTED: Ho  
 A; gi|310119873|ref|XR\_110196.1| PREDICTED: Homo sapiens hypothetical LOC729658 (LOC729658), r  
 A; gi|310119879|ref|XR\_110200.1| PREDICTED: Homo sapiens hypothetical LOC441179 (LOC441179), r  
 A; gi|310119878|ref|XR\_110199.1| PREDICTED: Homo sapiens hypothetical LOC401286 (LOC401286), r  
 2 (LOC100505500), miscRNA; gi|310115151|ref|XR\_112960.1| PREDICTED: Homo sapiens hypothetical  
 miscRNA; gi|310119902|ref|XR\_108779.1| PREDICTED: Homo sapiens hypothetical LOC100288594 (LO  
 miscRNA; gi|310119913|ref|XR\_108741.1| PREDICTED: Homo sapiens hypothetical LOC100505960 (LO  
 2 (LOC100506130), miscRNA; gi|310115184|ref|XR\_112983.1| PREDICTED: Homo sapiens hypothetical  
 gi|310119952|ref|XR\_108769.1| PREDICTED: Homo sapiens hypothetical LOC402481 (PP13004), miscR  
 1 (LOC100506936), miscRNA; gi|310119961|ref|XR\_108774.1| PREDICTED: Homo sapiens hypothetical  
 miscRNA; gi|310118289|ref|XR\_110681.1| PREDICTED: Homo sapiens hypothetical LOC100507500 (LO  
 A; gi|310118290|ref|XR\_110682.1| PREDICTED: Homo sapiens hypothetical LOC730376 (LOC730376), r  
 .00508632), mRNA;  
 RNA; gi|310119985|ref|XM\_002342728.2| PREDICTED: Homo sapiens protein FAM27E2-like (LOC1002:  
 .00509247), mRNA;  
 :39), mRNA; gi|310119991|ref|XM\_499305.4| PREDICTED: Homo sapiens hypothetical protein LOC441:  
 I2572-like (LOC100509023), mRNA;  
 niscRNA; gi|310119994|ref|XR\_108809.1| PREDICTED: Homo sapiens hypothetical DKFzP434F142 (DKF  
 miscRNA; gi|341915034|ref|XR\_132844.1| PREDICTED: Homo sapiens hypothetical LOC100505669 (LO  
 miscRNA;  
 miscRNA; gi|310118342|ref|XR\_110712.1| PREDICTED: Homo sapiens hypothetical LOC100505932 (LO  
 miscRNA;  
 miscRNA; gi|310118404|ref|XR\_110733.1| PREDICTED: Homo sapiens hypothetical LOC100506413 (LO  
 A; gi|310120102|ref|XR\_108832.1| PREDICTED: Homo sapiens hypothetical LOC653739 (LOC653739), r  
 .00287705), mRNA; gi|239509042|ref|XM\_002344393.1| PREDICTED: Homo sapiens hypothetical prote  
 miscRNA; gi|310118438|ref|XR\_110760.1| PREDICTED: Homo sapiens hypothetical LOC100130169 (LO  
 miscRNA; gi|310120115|ref|XR\_108784.1| PREDICTED: Homo sapiens hypothetical LOC100507525 (LO  
 RNA;  
 (LOC100294033), mRNA;  
 A; gi|310120131|ref|XR\_108709.1| PREDICTED: Homo sapiens hypothetical LOC389602 (LOC389602), r  
 A; gi|310120150|ref|XR\_110089.1| PREDICTED: Homo sapiens hypothetical LOC401442 (LOC401442), r

2 (LOC100507448), miscRNA; gi|310115405|ref|XR\_113104.1| PREDICTED: Homo sapiens hypothetical LOC100507448, miscRNA; gi|310120154|ref|XR\_110093.1| PREDICTED: Homo sapiens hypothetical LOC100131395 (LOC100507808), mRNA;

3), miscRNA; gi|310120168|ref|XR\_110589.1| PREDICTED: Homo sapiens chromosome 8 open reading frame 3, miscRNA;

4), miscRNA; gi|310120175|ref|XR\_110863.1| PREDICTED: Homo sapiens hypothetical LOC100507071 (LOC100507071), miscRNA; gi|310120182|ref|XR\_110870.1| PREDICTED: Homo sapiens hypothetical LOC100507190 (LOC100507190), miscRNA; gi|310120196|ref|XR\_110878.1| PREDICTED: Homo sapiens hypothetical LOC100507439 (LOC100507439), miscRNA; gi|310120198|ref|XR\_110881.1| PREDICTED: Homo sapiens hypothetical LOC100507481 (LOC100507481), miscRNA; gi|310120203|ref|XR\_108905.1| PREDICTED: Homo sapiens hypothetical LOC100507464 (LOC100507464), miscRNA; gi|310120218|ref|XR\_108912.1| PREDICTED: Homo sapiens hypothetical LOC100505532 (LOC100505532), miscRNA; gi|310120221|ref|XR\_108915.1| PREDICTED: Homo sapiens hypothetical LOC100505613 (LOC100505613), miscRNA; gi|310120230|ref|XR\_108904.1| PREDICTED: Homo sapiens hypothetical LOC100507258 (LOC100507258), miscRNA; gi|310120234|ref|XR\_108862.1| PREDICTED: Homo sapiens hypothetical LOC100506342 (LOC100506342), miscRNA; gi|310115492|ref|XR\_113175.1| PREDICTED: Homo sapiens hypothetical LOC100506365 (LOC100506365), miscRNA; gi|310120246|ref|XR\_108870.1| PREDICTED: Homo sapiens hypothetical LOC100506652 (LOC100506652), miscRNA; gi|310120249|ref|XR\_108873.1| PREDICTED: Homo sapiens FLJ45248 protein (FLJ45248), miscRNA;

5), miscRNA; gi|310120250|ref|XR\_108874.1| PREDICTED: Homo sapiens hypothetical LOC100506753 (LOC100506753), miscRNA;

6), miscRNA; gi|310120259|ref|XR\_108881.1| PREDICTED: Homo sapiens hypothetical LOC100506966 (LOC100506966), miscRNA; gi|310120270|ref|XR\_108892.1| PREDICTED: Homo sapiens FLJ45872 protein (FLJ45872), miscRNA;

7), miscRNA; gi|310120273|ref|XR\_108893.1| PREDICTED: Homo sapiens hypothetical LOC100131910 (LOC100131910), miscRNA; gi|310120289|ref|XR\_110586.1| PREDICTED: Homo sapiens hypothetical LOC100507418 (LOC100507418), miscRNA; gi|310120291|ref|XR\_110588.1| PREDICTED: Homo sapiens hypothetical LOC100508233 (LOC100508233), miscRNA; gi|310115542|ref|XR\_113193.1| PREDICTED: Homo sapiens hypothetical LOC100509484 (LOC100509484), miscRNA; gi|310120303|ref|XR\_108934.1| PREDICTED: Homo sapiens hypothetical MGC24103 (MGC24103), mRNA; gi|310120302|ref|XR\_108933.1| PREDICTED: Homo sapiens hypothetical LOC100506331 (LOC100506331), miscRNA; gi|310120304|ref|XR\_108932.1| PREDICTED: Homo sapiens hypothetical LOC100506304 (LOC100506304), miscRNA; gi|310120301|ref|XR\_108932.1| PREDICTED: Homo sapiens hypothetical LOC100506247 (LOC100506247), miscRNA; gi|310120297|ref|XR\_108928.1| PREDICTED: Homo sapiens hypothetical LOC100506247 (LOC100506247), miscRNA; gi|310120295|ref|XR\_108926.1| PREDICTED: Homo sapiens chromosome 9 open reading frame 3, miscRNA; gi|310120294|ref|XR\_108925.1| PREDICTED: Homo sapiens hypothetical LOC100506189 (LOC100506189), mRNA;

8), (FAM27E1), miscRNA; gi|310120340|ref|XR\_110794.1| PREDICTED: Homo sapiens family with sequence similarity 100, miscRNA; gi|310120370|ref|XR\_110794.1| PREDICTED: Homo sapiens family with sequence similarity 100, mRNA;

9), (FAM27E1), miscRNA; gi|310120374|ref|XR\_108975.1| PREDICTED: Homo sapiens hypothetical LOC100128909 (LOC100128909), mRNA; gi|310120384|ref|XM\_003118611.1| PREDICTED: Homo sapiens hypothetical protein LOC100506667 (LOC100506667), mRNA; gi|310120395|ref|XR\_108991.1| PREDICTED: Homo sapiens hypothetical LOC100507626 (LOC100507626), miscRNA; gi|310120388|ref|XR\_108986.1| PREDICTED: Homo sapiens hypothetical LOC100507449 (LOC100507449), miscRNA; gi|310120387|ref|XR\_108985.1| PREDICTED: Homo sapiens hypothetical LOC100507438 (LOC100507438), miscRNA; gi|310120403|ref|XR\_108995.1| PREDICTED: Homo sapiens hypothetical LOC100505588 (LOC100505588), miscRNA; gi|310124541|ref|XR\_109858.1| PREDICTED: Homo sapiens hypothetical LOC100506620 (LOC100506620), mRNA; gi|310124547|ref|XR\_110095.1| PREDICTED: Homo sapiens FP7915 protein (LOC401561), miscRNA;

10), miscRNA; gi|310124551|ref|XR\_110099.1| PREDICTED: Homo sapiens hypothetical LOC100130547 (LOC100130547), mRNA;

11), inositol-pentakisphosphate kinase 1-like (LOC100508782), mRNA;

miscRNA;  
 .00134138), mRNA;  
 RNA;  
 beta 4 chain-like (LOC100509582), mRNA;  
 alpha 1 chain-like, transcript variant 4 (LOC100509457), mRNA; gi|310118014|ref|XM\_003120269.1| P  
 beta 1 chain-like, transcript variant 3 (LOC100293977), mRNA; gi|310118020|ref|XM\_003120273.1| PF  
 .00127885), mRNA; gi|310120171|ref|XM\_001721771.2| PREDICTED: Homo sapiens hypothetical prote  
 miscRNA;  
 A;  
 miscRNA;  
 trombospondin motifs 7-like (LOC100507738), mRNA;  
 nRNA; gi|310124193|ref|XM\_293407.7| PREDICTED: Homo sapiens melanoma antigen family B, 5 (MA  
 miscRNA; gi|310124195|ref|XR\_110614.1| PREDICTED: Homo sapiens hypothetical LOC100506641 (LO  
 A; gi|310124199|ref|XR\_110615.1| PREDICTED: Homo sapiens hypothetical LOC441493 (LOC441493), r  
 A; gi|341915920|ref|XR\_132683.1| PREDICTED: Homo sapiens hypothetical LOC401589 (LOC401589), r  
 )20|ref|XR\_109760.2| PREDICTED: Homo sapiens XAGE-4 protein (XAGE-4), miscRNA;  
 -like (LOC100509751), mRNA;  
 .00130445), mRNA;  
 \;  
 509646), mRNA;  
 miscRNA; gi|310119890|ref|XR\_108721.1| PREDICTED: Homo sapiens hypothetical LOC100131372 (LO  
 miscRNA; gi|310119895|ref|XR\_108724.1| PREDICTED: Homo sapiens hypothetical LOC100505531 (LO  
 miscRNA; gi|310119897|ref|XR\_108726.1| PREDICTED: Homo sapiens hypothetical LOC100505568 (LO  
 miscRNA; gi|310115156|ref|XR\_112966.1| PREDICTED: Homo sapiens hypothetical LOC100128653 (LO  
 A; gi|310115157|ref|XR\_112967.1| PREDICTED: Homo sapiens hypothetical LOC401296 (LOC401296), r  
 miscRNA; gi|310119909|ref|XR\_108737.1| PREDICTED: Homo sapiens hypothetical LOC100505863 (LO  
 A; gi|310115187|ref|XR\_112985.1| PREDICTED: Homo sapiens hypothetical LOC541472 (LOC541472), r  
 miscRNA; gi|310115189|ref|XR\_112988.1| PREDICTED: Homo sapiens hypothetical LOC100506236 (LO  
 2 (LOC100506725), miscRNA; gi|310115214|ref|XR\_113004.1| PREDICTED: Homo sapiens hypothetica  
 g) (HECW1-IT1), miscRNA; gi|310119957|ref|XR\_108772.1| PREDICTED: Homo sapiens HECW1 intronic  
 .00134663), partial mRNA;  
 miscRNA; gi|310119968|ref|XR\_108778.1| PREDICTED: Homo sapiens hypothetical LOC100507042, tra  
 miscRNA; gi|310115272|ref|XR\_113023.1| PREDICTED: Homo sapiens hypothetical LOC100505484 (LO  
 (LOC100288807), mRNA; gi|310120011|ref|XM\_002342739.2| PREDICTED: Homo sapiens putative spe  
 miscRNA;  
 miscRNA; gi|310115293|ref|XR\_113036.1| PREDICTED: Homo sapiens hypothetical LOC100505951 (LO  
 A; gi|310115292|ref|XR\_113035.1| PREDICTED: Homo sapiens hypothetical LOC613126 (LOC613126), r  
 miscRNA; gi|310120055|ref|XR\_108854.1| PREDICTED: Homo sapiens hypothetical LOC100506527 (LO  
 riant 3 (RASA4B), mRNA; gi|310118387|ref|XM\_003119056.1| PREDICTED: Homo sapiens RAS p21 prot  
 4 (LOC100506683), miscRNA; gi|310120070|ref|XR\_108858.1| PREDICTED: Homo sapiens hypothetica  
 miscRNA; gi|310120083|ref|XR\_108804.1| PREDICTED: Homo sapiens hypothetical LOC100506664 (LO  
 miscRNA; gi|310115331|ref|XR\_113058.1| PREDICTED: Homo sapiens hypothetical LOC100506682 (LO  
 2 (LOC100506860), miscRNA; gi|310115321|ref|XR\_113051.1| PREDICTED: Homo sapiens hypothetica  
 3 (LOC100506881), miscRNA; gi|310115318|ref|XR\_113047.1| PREDICTED: Homo sapiens hypothetica  
 miscRNA; gi|310120104|ref|XR\_108822.1| PREDICTED: Homo sapiens hypothetical LOC100507000 (LO  
 XR\_113075.1| PREDICTED: Homo sapiens NAG20 (NAG20), miscRNA; gi|310120105|ref|XR\_108823.1| I  
 miscRNA; gi|310120116|ref|XR\_108785.1| PREDICTED: Homo sapiens hypothetical LOC100507538 (LO

miscRNA; gi|310115371|ref|XR\_113082.1| PREDICTED: Homo sapiens hypothetical LOC100507558 (LOC100507558), miscRNA;

miscRNA; gi|310115398|ref|XR\_113096.1| PREDICTED: Homo sapiens hypothetical LOC100506302 (LOC100506302), miscRNA; gi|310115395|ref|XR\_113092.1| PREDICTED: Homo sapiens hypothetical LOC100287654 (LOC100287654), mRNA;

miscRNA; gi|310113692|ref|XR\_112047.1| PREDICTED: Homo sapiens hypothetical LOC100287934 (LOC100287934), miscRNA; gi|310113757|ref|XR\_112085.1| PREDICTED: Homo sapiens family with sequence 1 (LOC100505887), miscRNA; gi|310118502|ref|XR\_109865.1| PREDICTED: Homo sapiens hypothetical LOC727721 (LOC727721), rRNA; gi|310113510|ref|XR\_111923.1| PREDICTED: Homo sapiens hypothetical LOC645010 (LOC645010), miscRNA; gi|310113512|ref|XR\_111919.1| PREDICTED: Homo sapiens hypothetical LOC100287506 (LOC100287506), mRNA;

variant 1 (PRAMEF25), mRNA;

-like (LOC100506533), mRNA;

A; gi|341914248|ref|XR\_133231.1| PREDICTED: Homo sapiens hypothetical LOC400743 (LOC400743), rRNA; gi|310113683|ref|XR\_112044.1| PREDICTED: Homo sapiens hypothetical LOC644083 (LOC644083), rRNA; gi|310113684|ref|XR\_112046.1| PREDICTED: Homo sapiens hypothetical LOC100506824 (LOC100506824), partial mRNA; gi|310113695|ref|XM\_001722136.3| PREDICTED: Homo sapiens olivine-like (LOC646567), partial mRNA; gi|310113715|ref|XM\_003119788.1| PREDICTED: Homo sapiens metallothionein-2-like (LOC100506950 (LOC100506950), partial mRNA; gi|310113704|ref|XR\_112057.1| PREDICTED: Homo sapiens hypothetical LOC100507479 (LOC100507479), partial mRNA; gi|310113721|ref|XR\_112066.1| PREDICTED: Homo sapiens hypothetical LOC100507652 (LOC100507652), partial mRNA; gi|310113750|ref|XR\_112072.1| PREDICTED: Homo sapiens hypothetical LOC100507652 (LOC100507652), partial mRNA; gi|310113740|ref|XR\_112069.1| PREDICTED: Homo sapiens chromosome 1 open reading frame 118 (LOC100505840 (LOC100505840), partial mRNA; gi|310113786|ref|XR\_112095.1| PREDICTED: Homo sapiens hypothetical LOC100506007 (LOC100506007), partial mRNA; gi|310113779|ref|XR\_112088.1| PREDICTED: Homo sapiens hypothetical LOC100506051 (LOC100506051), partial mRNA; gi|341914277|ref|XR\_133246.1| PREDICTED: Homo sapiens hypothetical LOC100506029 (LOC100506029), partial mRNA; gi|310113777|ref|XR\_112086.1| PREDICTED: Homo sapiens hypothetical LOC100506293 (LOC100506293), partial mRNA; gi|341914282|ref|XR\_133251.1| PREDICTED: Homo sapiens hypothetical LOC100506478 (LOC100506478), partial mRNA;

miscRNA; gi|341914929|ref|XR\_133552.1| PREDICTED: Homo sapiens hypothetical LOC100132913, transcript variant 1 (LOC100132913), mRNA;

LOC100132913), mRNA;

miscRNA;

miscRNA;

miscRNA;

21-like, transcript variant 11 (LOC100506032), mRNA; gi|310118654|ref|XM\_003119125.1| PREDICTED: Homo sapiens KIAA1245, transcript variant 3 (KIAA1245), transcript variant 3 (KIAA1245), mRNA; gi|310118701|ref|XM\_003119151.1| PREDICTED: Homo sapiens KIAA1245, transcript variant 3 (KIAA1245), transcript variant 3 (KIAA1245), mRNA; gi|310113811|ref|XR\_112106.1| PREDICTED: Homo sapiens hypothetical LOC284561 (LOC284561), rRNA;

miscRNA;

transcript variant 1 (LOC644634), mRNA;

miscRNA; gi|341914204|ref|XR\_133202.1| PREDICTED: Homo sapiens hypothetical LOC100132909 (LOC100132909), partial mRNA; gi|310113517|ref|XR\_111936.1| PREDICTED: Homo sapiens hypothetical LOC100507670 (LOC100507670), partial mRNA; gi|310113518|ref|XR\_111937.1| PREDICTED: Homo sapiens hypothetical LOC100505481 (LOC100505481), partial mRNA; gi|341914213|ref|XR\_133208.1| PREDICTED: Homo sapiens KIRREL intronic transcript 1 (KIRREL-IT1), miscRNA; gi|310113534|ref|XR\_111953.1| PREDICTED: Homo sapiens hypothetical LOC100505799 (LOC100505799), partial mRNA;

miscRNA;

46|ref|XR\_111959.1| PREDICTED: Homo sapiens INM04 (LOC100128751), miscRNA;

1 (LOC100506128), miscRNA; gi|341914222|ref|XR\_133214.1| PREDICTED: Homo sapiens hypotheticala  
:cRNA; gi|310113595|ref|XR\_111989.1| PREDICTED: Homo sapiens non-protein coding RNA 83 (NCRNA  
miscRNA; gi|310113587|ref|XR\_111983.1| PREDICTED: Homo sapiens hypothetical LOC100292409 (LO  
2 (LOC100506546), miscRNA; gi|310118793|ref|XR\_108324.1| PREDICTED: Homo sapiens hypotheticala  
miscRNA;

; gi|310113566|ref|XM\_003119768.1| PREDICTED: Homo sapiens liprin-alpha-2-like (LOC100507405), r  
1 (LOC100506775), miscRNA; gi|310118808|ref|XR\_108333.1| PREDICTED: Homo sapiens hypotheticala  
miscRNA; gi|310113622|ref|XR\_112005.1| PREDICTED: Homo sapiens hypothetical LOC100506161 (LO  
miscRNA;

miscRNA; gi|310113643|ref|XR\_112019.1| PREDICTED: Homo sapiens hypothetical LOC100506354 (LO  
(ITPKB-IT1), miscRNA; gi|310113639|ref|XR\_112015.1| PREDICTED: Homo sapiens ITPKB intronic trans  
by NCRNA00174-like (LOC728728), mRNA; gi|341914232|ref|XM\_003403715.1| PREDICTED: Homo sap  
.00506571), mRNA; gi|310113644|ref|XM\_003119777.1| PREDICTED: Homo sapiens hypothetical prote  
.00505872), mRNA; gi|341914240|ref|XM\_003403716.1| PREDICTED: Homo sapiens hypothetical prote  
miscRNA; gi|341914239|ref|XR\_133226.1| PREDICTED: Homo sapiens hypothetical LOC100506929 (LO  
2C), mRNA; gi|341914387|ref|XM\_003403748.1| PREDICTED: Homo sapiens doublecortin domain cont  
miscRNA; gi|310114103|ref|XR\_112288.1| PREDICTED: Homo sapiens hypothetical LOC100506317 (LO  
1 (LOC100506405), miscRNA; gi|310114109|ref|XR\_112295.1| PREDICTED: Homo sapiens hypotheticala  
miscRNA; gi|310114111|ref|XR\_112297.1| PREDICTED: Homo sapiens hypothetical LOC100506457 (LO  
miscRNA;

miscRNA; gi|310114118|ref|XR\_112306.1| PREDICTED: Homo sapiens hypothetical LOC100131510 (LO  
RNA; gi|310114125|ref|XR\_112303.1| PREDICTED: Homo sapiens hypothetical protein FLJ31356 (FLJ31  
miscRNA; gi|310114136|ref|XR\_112312.1| PREDICTED: Homo sapiens hypothetical LOC100506047 (LO  
miscRNA; gi|310114138|ref|XR\_112314.1| PREDICTED: Homo sapiens hypothetical LOC100506088 (LO  
1 (LOC100506108), miscRNA; gi|310114140|ref|XR\_112315.1| PREDICTED: Homo sapiens hypotheticala  
1 (LOC100506235), miscRNA; gi|310118926|ref|XR\_109987.1| PREDICTED: Homo sapiens hypotheticala  
miscRNA; gi|310114148|ref|XR\_112324.1| PREDICTED: Homo sapiens hypothetical LOC100506300 (LO  
miscRNA;

miscRNA; gi|310114154|ref|XR\_112328.1| PREDICTED: Homo sapiens hypothetical LOC100506934 (LO  
miscRNA; gi|310114159|ref|XR\_112332.1| PREDICTED: Homo sapiens hypothetical LOC100507073 (LO  
-like (LOC100130009), mRNA; gi|310114167|ref|XM\_001719388.3| PREDICTED: Homo sapiens high mc  
miscRNA; gi|310114170|ref|XR\_112340.1| PREDICTED: Homo sapiens hypothetical LOC100507201 (LO  
miscRNA;

miscRNA;

miscRNA; gi|310114174|ref|XR\_112345.1| PREDICTED: Homo sapiens hypothetical LOC100507360 (LO  
A; gi|310114182|ref|XR\_112351.1| PREDICTED: Homo sapiens hypothetical LOC643085 (LOC643085), r  
A; gi|310114183|ref|XR\_112352.1| PREDICTED: Homo sapiens hypothetical LOC150759 (LOC150759), r  
miscRNA; gi|341914414|ref|XR\_133304.1| PREDICTED: Homo sapiens hypothetical LOC100506036 (LO  
miscRNA; gi|310114195|ref|XR\_112356.1| PREDICTED: Homo sapiens hypothetical LOC100128131 (LO  
miscRNA; gi|341914415|ref|XR\_133305.1| PREDICTED: Homo sapiens hypothetical LOC100506473 (LO  
4215|ref|XR\_112370.1| PREDICTED: Homo sapiens hCG1732469 (LOC729164), miscRNA;

miscRNA;

(LOC100287119), mRNA;

miscRNA;

3 (LOC100506797), miscRNA; gi|310114225|ref|XR\_112377.1| PREDICTED: Homo sapiens hypotheticala

miscRNA; gi|310114234|ref|XR\_112387.1| PREDICTED: Homo sapiens hypothetical LOC100506922 (LOC100506922), mRNA;  
 A; gi|310114231|ref|XR\_112384.1| PREDICTED: Homo sapiens hypothetical LOC151121 (LOC151121), r  
 C646802), mRNA;  
 ript variant 2 (POTEL), mRNA;  
 l), mRNA;  
 miscRNA; gi|310114251|ref|XR\_112396.1| PREDICTED: Homo sapiens hypothetical LOC100507460 (LOC100507460), mRNA;  
 2 (LOC100505498), miscRNA; gi|310114239|ref|XR\_112390.1| PREDICTED: Homo sapiens hypothetical RNA;  
 RNA; gi|310114256|ref|XR\_112398.1| PREDICTED: Homo sapiens hypothetical protein FLJ32955 (FLJ32955), mRNA;  
 2 (LOC100505957), miscRNA; gi|341914439|ref|XR\_133319.1| PREDICTED: Homo sapiens hypothetical A;  
 A; gi|310114259|ref|XR\_112408.1| PREDICTED: Homo sapiens hypothetical LOC643072 (LOC643072), r  
 miscRNA; gi|310114278|ref|XR\_112439.1| PREDICTED: Homo sapiens hypothetical LOC100506798 (LOC100506798), mRNA;  
 miscRNA; gi|341914446|ref|XR\_133324.1| PREDICTED: Homo sapiens hypothetical LOC100506816 (LOC100506816), mRNA;  
 miscRNA; gi|310114284|ref|XR\_112416.1| PREDICTED: Homo sapiens hypothetical LOC100506892 (LOC100506892), mRNA;  
 miscRNA;  
 miscRNA; gi|310114290|ref|XR\_112422.1| PREDICTED: Homo sapiens hypothetical LOC100506993 (LOC100506993), mRNA;  
 OC729570), miscRNA; gi|310114302|ref|XR\_112430.1| PREDICTED: Homo sapiens hypothetical LOC729570 (LOC729570), mRNA;  
 miscRNA; gi|310114312|ref|XR\_112436.1| PREDICTED: Homo sapiens hypothetical LOC100507554 (LOC100507554), mRNA;  
 miscRNA; gi|310114318|ref|XR\_112443.1| PREDICTED: Homo sapiens hypothetical LOC100507611 (LOC100507611), mRNA;  
 A;  
 A; gi|310114320|ref|XR\_112444.1| PREDICTED: Homo sapiens hypothetical LOC654841 (LOC654841), r  
 gi|310114333|ref|XR\_112451.1| PREDICTED: Homo sapiens hypothetical LOC93463 (LOC93463), miscR  
 er B (FAM132B), partial mRNA; gi|310114335|ref|XM\_003119882.1| PREDICTED: Homo sapiens family  
 miscRNA; gi|341914462|ref|XR\_133333.1| PREDICTED: Homo sapiens hypothetical LOC100505507 (LOC100505507), mRNA;  
 miscRNA; gi|341914463|ref|XR\_133334.1| PREDICTED: Homo sapiens hypothetical LOC100505565 (LOC100505565), mRNA;  
 1 (LOC100507555), miscRNA; gi|310119150|ref|XR\_110026.1| PREDICTED: Homo sapiens hypothetical A;  
 A; gi|310114352|ref|XR\_112457.1| PREDICTED: Homo sapiens hypothetical LOC442075 (LOC442075), r  
 miscRNA; gi|310114434|ref|XR\_112482.1| PREDICTED: Homo sapiens hypothetical LOC100293612 (LOC100293612), mRNA;  
 miscRNA; gi|341914478|ref|XR\_133340.1| PREDICTED: Homo sapiens hypothetical LOC100505737 (LOC100505737), mRNA;  
 miscRNA; gi|310114424|ref|XR\_112473.1| PREDICTED: Homo sapiens hypothetical LOC100505786 (LOC100505786), mRNA;  
 cript variant 1 (LOC100505836), mRNA; gi|310119171|ref|XM\_003118873.1| PREDICTED: Homo sapier  
 gi|310114414|ref|XR\_112468.1| PREDICTED: Homo sapiens hypothetical LOC389102 (YPLR6490), mis  
 miscRNA; gi|341914473|ref|XR\_133338.1| PREDICTED: Homo sapiens hypothetical LOC100506301 (LOC100506301), mRNA;  
 miscRNA; gi|310114404|ref|XR\_112464.1| PREDICTED: Homo sapiens hypothetical LOC100506319 (LOC100506319), mRNA;  
 41914483|ref|XM\_003403767.1| PREDICTED: Homo sapiens protease, serine, 44 (PRSS44), mRNA;  
 miscRNA; gi|310114391|ref|XR\_112461.1| PREDICTED: Homo sapiens hypothetical LOC100506651 (LOC100506651), mRNA;  
 14390|ref|XR\_112507.1| PREDICTED: Homo sapiens hypothetical STGC3 (STGC3), miscRNA;  
 miscRNA; gi|310114385|ref|XR\_112502.1| PREDICTED: Homo sapiens hypothetical LOC100129060 (LOC100129060), mRNA;  
 A; gi|310114379|ref|XR\_112485.1| PREDICTED: Homo sapiens hypothetical LOC401068 (LOC401068), r  
 .00287789), mRNA; gi|341914481|ref|XM\_003403766.1| PREDICTED: Homo sapiens hypothetical prote  
 miscRNA; gi|310114372|ref|XR\_112494.1| PREDICTED: Homo sapiens hypothetical LOC100506924 (LOC100506924), mRNA;  
 ); (FOXP1-IT1), miscRNA; gi|310114439|ref|XR\_112508.1| PREDICTED: Homo sapiens FOXP1 intronic tr  
 miscRNA; gi|310114447|ref|XR\_112514.1| PREDICTED: Homo sapiens hypothetical LOC100506944 (LOC100506944), mRNA;  
 miscRNA; gi|310114467|ref|XR\_112524.1| PREDICTED: Homo sapiens hypothetical LOC100506506 (LOC100506506), mRNA;  
 A; gi|310114464|ref|XR\_112523.1| PREDICTED: Homo sapiens hypothetical LOC151760 (LOC151760), r  
 2 (LOC100506591), miscRNA; gi|310114460|ref|XR\_112520.1| PREDICTED: Homo sapiens hypothetical A;  
 miscRNA; gi|341914508|ref|XR\_133350.1| PREDICTED: Homo sapiens hypothetical LOC100506708 (LOC100506708), mRNA;

miscRNA; gi|310114453|ref|XR\_112529.1| PREDICTED: Homo sapiens hypothetical LOC100506724 (LOC6444662), mRNA; gi|310114476|ref|XM\_001714709.2| PREDICTED: Homo sapiens hypothetical  
miscRNA; gi|310114475|ref|XR\_112534.1| PREDICTED: Homo sapiens hypothetical LOC100506907 (LOC6444662), mRNA; gi|310114555|ref|XR\_112591.1| PREDICTED: Homo sapiens hypothetical LOC100507015 (LOC6444662), mRNA; gi|310114553|ref|XR\_112589.1| PREDICTED: Homo sapiens hypothetical LOC442092 (ARVP6125), mRNA; gi|310114525|ref|XR\_112573.1| PREDICTED: Homo sapiens hypothetical LOC440982 (FLJ30375), mRNA; gi|310114523|ref|XR\_112571.1| PREDICTED: Homo sapiens hypothetical LOC100507461 (LOC6444662), mRNA;  
miscRNA; gi|341914521|ref|XR\_133357.1| PREDICTED: Homo sapiens hypothetical LOC100505598 (LOC6444662), mRNA; gi|310114502|ref|XR\_112556.1| PREDICTED: Homo sapiens hypothetical LOC100505668 (LOC6444662), mRNA; gi|341914520|ref|XR\_133356.1| PREDICTED: Homo sapiens hypothetical LOC100505710 (LOC6444662), mRNA; gi|310114492|ref|XR\_112548.1| PREDICTED: Homo sapiens hypothetical LOC100505787 (LOC6444662), mRNA; gi|310114487|ref|XR\_112545.1| PREDICTED: Homo sapiens hypothetical LOC100505861 (LOC6444662), mRNA; gi|310114485|ref|XR\_112543.1| PREDICTED: Homo sapiens hypothetical LOC100505902 (LOC6444662), mRNA; gi|310114562|ref|XR\_112596.1| PREDICTED: Homo sapiens hypothetical LOC100507033 (LOC6444662), mRNA;  
A;  
miscRNA;  
miscRNA;  
miscRNA; gi|310114577|ref|XR\_112607.1| PREDICTED: Homo sapiens hypothetical LOC100507150 (LOC6444662), mRNA;  
miscRNA;  
miscRNA; gi|310114584|ref|XR\_112612.1| PREDICTED: Homo sapiens hypothetical LOC100507292 (LOC6444662), mRNA; gi|310114585|ref|XM\_003119922.1| PREDICTED: Homo sapiens chromosome 4 open reading frame A-like, transcript variant 2 (LOC100287045), mRNA;  
miscRNA; gi|310114600|ref|XR\_112625.1| PREDICTED: Homo sapiens hypothetical LOC100506024 (LOC6444662), mRNA; gi|310114601|ref|XR\_112627.1| PREDICTED: Homo sapiens hypothetical LOC100506048 (LOC6444662), mRNA; gi|310114606|ref|XR\_112631.1| PREDICTED: Homo sapiens hypothetical LOC100506827 (LOC6444662), mRNA; gi|310119384|ref|XR\_110055.1| PREDICTED: Homo sapiens hypothetical LOC6444662 (LOC100506387), mRNA; gi|310114615|ref|XR\_112637.1| PREDICTED: Homo sapiens hypothetical LOC100506387 (LOC6444662), mRNA; gi|341914543|ref|XR\_133367.1| PREDICTED: Homo sapiens hypothetical LOC100507160 (LOC6444662), mRNA;  
  
miscRNA; gi|310114630|ref|XR\_112645.1| PREDICTED: Homo sapiens hypothetical LOC100505946 (LOC6444662), mRNA; gi|310114631|ref|XR\_112646.1| PREDICTED: Homo sapiens hypothetical LOC100506253 (LOC6444662), mRNA; gi|310114648|ref|XR\_112663.1| PREDICTED: Homo sapiens hypothetical LOC100506297 (LOC6444662), mRNA; gi|310114651|ref|XM\_001717195.2| PREDICTED: Homo sapiens hypothetical protein LOC100506297 (LOC6444662), mRNA; gi|310114652|ref|XR\_112666.1| PREDICTED: Homo sapiens hypothetical LOC100507012 (LOC6444662), mRNA; gi|310114660|ref|XM\_001717718.2| PREDICTED: Homo sapiens protein SET-like (LOC389217), mRNA;  
miscRNA;  
miscRNA; gi|341914553|ref|XR\_133376.1| PREDICTED: Homo sapiens hypothetical LOC100507322 (LOC6444662), mRNA; gi|310114680|ref|XR\_112671.1| PREDICTED: Homo sapiens hypothetical LOC100507487 (LOC6444662), mRNA; gi|341914552|ref|XR\_133375.1| PREDICTED: Homo sapiens hypothetical LOC100507528 (LOC6444662), mRNA; gi|341914560|ref|XR\_133379.1| PREDICTED: Homo sapiens hypothetical LOC100505491 (LOC6444662), mRNA; gi|341914565|ref|XR\_133382.1| PREDICTED: Homo sapiens hypothetical LOC100505784 (LOC6444662), mRNA;  
miscRNA;  
miscRNA; gi|341914568|ref|XR\_133385.1| PREDICTED: Homo sapiens hypothetical LOC100506196 (LOC6444662), mRNA; gi|341914569|ref|XR\_133386.1| PREDICTED: Homo sapiens hypothetical LOC100506272 (LOC6444662), mRNA; gi|310114737|ref|XR\_112712.1| PREDICTED: Homo sapiens hypothetical LOC100506858 (LOC6444662), mRNA;



miscRNA; gi|310114764|ref|XR\_112731.1| PREDICTED: Homo sapiens hypothetical LOC100506639 (LO  
 miscRNA; gi|310114765|ref|XR\_112732.1| PREDICTED: Homo sapiens hypothetical LOC100506674 (LO  
 miscRNA; gi|310114768|ref|XR\_112734.1| PREDICTED: Homo sapiens hypothetical LOC100506329 (LO  
 gi|310114769|ref|XR\_112737.1| PREDICTED: Homo sapiens hypothetical LOC441072 (FLJ31104), miscf  
 miscRNA; gi|341914597|ref|XR\_133400.1| PREDICTED: Homo sapiens hypothetical LOC100506526 (LO  
 .14777|ref|XR\_112740.1| PREDICTED: Homo sapiens FLJ46010 protein (FLJ46010), miscRNA;  
 VAST4-AS1), miscRNA; gi|310114776|ref|XR\_112739.1| PREDICTED: Homo sapiens MAST4 antisense R  
 .00505611), mRNA;  
 .00505586), mRNA;  
 .00505559), mRNA;  
 miscRNA; gi|310114788|ref|XR\_112742.1| PREDICTED: Homo sapiens hypothetical LOC100505750 (LO  
 gi|310114792|ref|XR\_112744.1| PREDICTED: Homo sapiens hypothetical LOC645079 (FLJ41309), miscf  
 miscRNA; gi|310114793|ref|XR\_112745.1| PREDICTED: Homo sapiens hypothetical LOC100505878 (LO  
 miscRNA; gi|310114799|ref|XR\_112751.1| PREDICTED: Homo sapiens hypothetical LOC100505949 (LO  
 miscRNA; gi|341914609|ref|XR\_133405.1| PREDICTED: Homo sapiens hypothetical LOC100505822 (LO  
 miscRNA; gi|310114835|ref|XR\_112775.1| PREDICTED: Homo sapiens hypothetical LOC100129233 (LO  
 4604|ref|XR\_133403.1| PREDICTED: Homo sapiens hCG1981531 (LOC728586), miscRNA;  
 .00505572), mRNA; gi|310114818|ref|XM\_003119958.1| PREDICTED: Homo sapiens hypothetical prote  
 miscRNA; gi|310114813|ref|XR\_112764.1| PREDICTED: Homo sapiens hypothetical LOC100506030 (LO  
 miscRNA; gi|341914601|ref|XR\_133402.1| PREDICTED: Homo sapiens hypothetical LOC100506120 (LO  
 miscRNA; gi|310114807|ref|XR\_112759.1| PREDICTED: Homo sapiens hypothetical LOC100506200 (LO  
 miscRNA; gi|310114804|ref|XR\_112756.1| PREDICTED: Homo sapiens hypothetical LOC100130172 (LO  
 1 (LOC100505636), miscRNA; gi|310114850|ref|XR\_112789.1| PREDICTED: Homo sapiens hypothetica  
 4846|ref|XR\_112784.1| PREDICTED: Homo sapiens hCG1980447 (LOC255187), miscRNA;  
 1 (LOC100505813), miscRNA; gi|341914619|ref|XR\_133413.1| PREDICTED: Homo sapiens hypothetica  
 )269-like (LOC100507161), mRNA; gi|341914624|ref|XM\_003403787.1| PREDICTED: Homo sapiens put  
 miscRNA; gi|310114861|ref|XR\_112798.1| PREDICTED: Homo sapiens hypothetical LOC100507193 (LO  
 A; gi|310114855|ref|XR\_112791.1| PREDICTED: Homo sapiens hypothetical LOC728145 (LOC728145), r  
 miscRNA; gi|341914626|ref|XR\_133415.1| PREDICTED: Homo sapiens hypothetical LOC100128340 (LO  
 2 (LOC100507546), miscRNA; gi|310114882|ref|XR\_112804.1| PREDICTED: Homo sapiens hypothetica  
 miscRNA; gi|310114886|ref|XR\_112807.1| PREDICTED: Homo sapiens hypothetical LOC100507619 (LO  
 miscRNA; gi|310114887|ref|XR\_112806.1| PREDICTED: Homo sapiens hypothetical LOC100507602 (LO  
 -like (LOC100286914), mRNA;  
 gi|310114888|ref|XR\_112808.1| PREDICTED: Homo sapiens hypothetical LOC642316 (FLJ43763), miscf  
 miscRNA; gi|310114894|ref|XR\_112809.1| PREDICTED: Homo sapiens hypothetical LOC100507294 (LO  
 14901|ref|XR\_112828.1| PREDICTED: Homo sapiens QIQN5815 (LOC100129033), miscRNA;  
 miscRNA; gi|310114911|ref|XR\_112815.1| PREDICTED: Homo sapiens hypothetical LOC100506288 (LO  
  
 miscRNA;  
 miscRNA; gi|310114928|ref|XR\_112843.1| PREDICTED: Homo sapiens hypothetical LOC100506935 (LO  
 miscRNA; gi|310114930|ref|XR\_112839.1| PREDICTED: Homo sapiens hypothetical LOC100507025 (LO  
 miscRNA;  
 .00507141), mRNA;  
 miscRNA; gi|310114936|ref|XR\_112871.1| PREDICTED: Homo sapiens hypothetical LOC100129195 (LO  
 miscRNA; gi|310115024|ref|XR\_112868.1| PREDICTED: Homo sapiens hypothetical LOC100505530 (LO  
 miscRNA; gi|310115056|ref|XR\_112889.1| PREDICTED: Homo sapiens hypothetical LOC100505635 (LO  
 miscRNA; gi|310115051|ref|XR\_112886.1| PREDICTED: Homo sapiens hypothetical LOC100505711 (LO

2 (LOC100505730), miscRNA; gi|341914656|ref|XR\_133427.1| PREDICTED: Homo sapiens hypothetical

miscRNA; gi|310115042|ref|XR\_112881.1| PREDICTED: Homo sapiens hypothetical LOC100505862 (LOC100505862), r  
A; gi|310115057|ref|XR\_112890.1| PREDICTED: Homo sapiens hypothetical LOC728052 (LOC728052), r  
.00507172), mRNA; gi|310115059|ref|XM\_003120009.1| PREDICTED: Homo sapiens hypothetical prote  
miscRNA; gi|310115061|ref|XR\_112899.1| PREDICTED: Homo sapiens hypothetical LOC100507367 (LO  
miscRNA; gi|341914660|ref|XR\_133431.1| PREDICTED: Homo sapiens hypothetical LOC100506740 (LO  
miscRNA; gi|310115070|ref|XR\_112894.1| PREDICTED: Homo sapiens hypothetical LOC100506867 (LO  
miscRNA; gi|310115074|ref|XR\_112898.1| PREDICTED: Homo sapiens hypothetical LOC100506926 (LO  
miscRNA; gi|341914658|ref|XR\_133429.1| PREDICTED: Homo sapiens hypothetical LOC100507024 (LO  
miscRNA; gi|310115082|ref|XR\_112909.1| PREDICTED: Homo sapiens hypothetical LOC100506090 (LO  
miscRNA; gi|341914677|ref|XR\_133439.1| PREDICTED: Homo sapiens hypothetical LOC100506165 (LO  
miscRNA; gi|310115127|ref|XR\_112923.1| PREDICTED: Homo sapiens hypothetical LOC100287366 (LO  
miscRNA; gi|310115118|ref|XR\_112922.1| PREDICTED: Homo sapiens hypothetical LOC100506389 (LO  
miscRNA; gi|310115116|ref|XR\_112921.1| PREDICTED: Homo sapiens hypothetical LOC100506430 (LO  
miscRNA; gi|310115115|ref|XR\_112919.1| PREDICTED: Homo sapiens hypothetical LOC100287612 (LO  
4673|ref|XR\_133437.1| PREDICTED: Homo sapiens hCG1820801 (LOC441167), miscRNA;

miscRNA;

miscRNA; gi|310115108|ref|XR\_112916.1| PREDICTED: Homo sapiens hypothetical LOC100507136 (LO  
miscRNA; gi|310115104|ref|XR\_112912.1| PREDICTED: Homo sapiens hypothetical LOC100507308 (LO  
A; gi|310115102|ref|XR\_112910.1| PREDICTED: Homo sapiens hypothetical LOC644135 (LOC644135), r  
miscRNA;

.00130476), mRNA; gi|310115098|ref|XM\_001723486.2| PREDICTED: Homo sapiens hypothetical prote  
miscRNA; gi|310115087|ref|XR\_112930.1| PREDICTED: Homo sapiens hypothetical LOC100507624 (LO  
miscRNA; gi|341914665|ref|XR\_133432.1| PREDICTED: Homo sapiens hypothetical LOC100507662 (LO  
miscRNA; gi|310115085|ref|XR\_112928.1| PREDICTED: Homo sapiens hypothetical LOC100505475 (LO  
miscRNA; gi|310115084|ref|XR\_112927.1| PREDICTED: Homo sapiens hypothetical LOC100505519 (LO

miscRNA; gi|310115145|ref|XR\_112951.1| PREDICTED: Homo sapiens hypothetical LOC100505903 (LO  
miscRNA; gi|310115154|ref|XR\_112964.1| PREDICTED: Homo sapiens hypothetical LOC100505551 (LO  
1 (LOC100505644), miscRNA; gi|341915014|ref|XR\_132829.1| PREDICTED: Homo sapiens hypothetical  
miscRNA; gi|310115159|ref|XR\_112969.1| PREDICTED: Homo sapiens hypothetical LOC100128374 (LO  
miscRNA; gi|310115168|ref|XR\_112958.1| PREDICTED: Homo sapiens hypothetical LOC100129484 (LO  
miscRNA; gi|310118226|ref|XR\_110641.1| PREDICTED: Homo sapiens hypothetical LOC100505921 (LO  
3 (LOC100506098), miscRNA; gi|310118235|ref|XR\_110648.1| PREDICTED: Homo sapiens hypothetical  
A; gi|310118246|ref|XR\_110657.1| PREDICTED: Homo sapiens hypothetical LOC285943 (LOC285943), r  
miscRNA; gi|310118251|ref|XR\_110662.1| PREDICTED: Homo sapiens hypothetical LOC100129463 (LO  
miscRNA; gi|341914691|ref|XR\_133447.1| PREDICTED: Homo sapiens hypothetical LOC100506516 (LO  
|310115210|ref|XR\_113002.1| PREDICTED: Homo sapiens hypothetical FLJ20712 (FLJ20712), miscRNA;  
miscRNA;

.00131871), mRNA; gi|310115237|ref|XM\_001716967.3| PREDICTED: Homo sapiens hypothetical prote  
-like (LOC100128326), mRNA; gi|310115246|ref|XM\_002345989.2| PREDICTED: Homo sapiens putativ  
.00132050), mRNA; gi|310118295|ref|XM\_002344279.2| PREDICTED: Homo sapiens hypothetical prote  
by NCRNA00174-like (LOC100507369), mRNA; gi|310118296|ref|XM\_003119036.1| PREDICTED: Homc  
(LOC100287294), mRNA; gi|310118299|ref|XM\_003119037.1| PREDICTED: Homo sapiens equilibrative  
.00506447), mRNA; gi|341914694|ref|XM\_003403798.1| PREDICTED: Homo sapiens hypothetical prote  
2 (LOC100289098), miscRNA; gi|310118311|ref|XR\_110689.1| PREDICTED: Homo sapiens hypothetical

miscRNA; gi|341915032|ref|XR\_132842.1| PREDICTED: Homo sapiens hypothetical LOC100507615 (LOC100507615), mRNA; gi|310118323|ref|XM\_001721571.3| PREDICTED: Homo sapiens RCC1-like G exchanging transcript variant 1 (LOC100505767), mRNA; gi|341915047|ref|XM\_003403553.1| PREDICTED: Homo sapiens hypothetical LOC100507508, mRNA; gi|310118344|ref|XM\_003119046.1| PREDICTED: Homo sapiens hypothetical protein 7 (DGAT2L7), mRNA; gi|310118373|ref|XM\_003119051.1| PREDICTED: Homo sapiens diacylglycerol 1 (LOC100128737), miscRNA; gi|310115342|ref|XR\_113066.1| PREDICTED: Homo sapiens hypothetical LOC100506489 (LOC100506489), miscRNA; gi|310115337|ref|XR\_113064.1| PREDICTED: Homo sapiens hypothetical LOC100506489 (LOC100506489), miscRNA; gi|341915067|ref|XR\_132862.1| PREDICTED: Homo sapiens hypothetical LOC100506586 (LOC100506586), miscRNA; gi|310118421|ref|XR\_110748.1| PREDICTED: Homo sapiens hypothetical LOC100127891 (LOC100127891), miscRNA;

miscRNA; gi|341914718|ref|XR\_133465.1| PREDICTED: Homo sapiens hypothetical LOC100506957 (LOC100506957), miscRNA; gi|310115401|ref|XR\_113099.1| PREDICTED: Homo sapiens family with sequence similarity to FAM90A15 (FAM90A15), mRNA;

FAM90A3, mRNA;

FAM90A12, mRNA;

miscRNA; gi|310115416|ref|XR\_113109.1| PREDICTED: Homo sapiens hypothetical LOC100505734 (LOC100505734), FAM85A, miscRNA; gi|341914934|ref|XR\_113294.2| PREDICTED: Homo sapiens family with sequence similarity to FAM85A, miscRNA; gi|310115428|ref|XR\_113111.1| PREDICTED: Homo sapiens nervous system abundant protein 1 (LOC100507207), miscRNA; gi|310115437|ref|XR\_113120.1| PREDICTED: Homo sapiens hypothetical LOC100507207 (LOC100507207), miscRNA; gi|341914734|ref|XR\_133478.1| PREDICTED: Homo sapiens hypothetical LOC100507222 (LOC100507222), LOC100507420, miscRNA; gi|310120194|ref|XR\_110876.1| PREDICTED: Homo sapiens hypothetical LOC100507222 (LOC100507222), member 6, pseudogene (SDR16C6P), miscRNA; gi|341914781|ref|XR\_133492.1| PREDICTED: Homo sapiens hypothetical LOC100505501, miscRNA; gi|310120217|ref|XR\_108911.1| PREDICTED: Homo sapiens hypothetical LOC100505501, miscRNA;

miscRNA; gi|310115488|ref|XR\_113151.1| PREDICTED: Homo sapiens hypothetical LOC100507204 (LOC100507204), miscRNA; gi|341914794|ref|XR\_133503.1| PREDICTED: Homo sapiens hypothetical LOC100506351 (LOC100506351), gi|310115494|ref|XR\_113178.1| PREDICTED: Homo sapiens hypothetical LOC100132183 (FP6628), n

miscRNA; gi|341914788|ref|XR\_133498.1| PREDICTED: Homo sapiens hypothetical LOC100506910 (LOC100506910), miscRNA; gi|310115515|ref|XR\_113169.1| PREDICTED: Homo sapiens hypothetical LOC100507018 (LOC100507018), miscRNA; gi|341914792|ref|XR\_133501.1| PREDICTED: Homo sapiens hypothetical LOC100507101 (LOC100507101), A; gi|310115519|ref|XR\_113172.1| PREDICTED: Homo sapiens transmembrane protein 75 (TMEM75), i

miscRNA; gi|341914796|ref|XR\_133504.1| PREDICTED: Homo sapiens hypothetical LOC100507162 (LOC100507162), member B (FAM203B), mRNA;

miscRNA;

miscRNA; gi|310115530|ref|XR\_113185.1| PREDICTED: Homo sapiens hypothetical LOC100129596 (LOC100129596), in 1 (DSERG1), miscRNA; gi|310115563|ref|XR\_113209.1| PREDICTED: Homo sapiens Down syndrome critical region 1 (LOC100506267), miscRNA; gi|341914816|ref|XR\_133515.1| PREDICTED: Homo sapiens hypothetical LOC100287623 (LOC100287623), LOC100506267, miscRNA; gi|310120299|ref|XR\_108930.1| PREDICTED: Homo sapiens hypothetical LOC100506267, A; gi|310115550|ref|XR\_113199.1| PREDICTED: Homo sapiens hypothetical LOC648570 (LOC648570), r

LOC648570, mRNA; gi|310115575|ref|XM\_001716901.2| PREDICTED: Homo sapiens hypothetical protein 1 (LOC100506267), miscRNA; gi|310115568|ref|XR\_113214.1| PREDICTED: Homo sapiens chromosome 9 open reading frame 1 (LOC100506267), A;

miscRNA;

A;

LOC100289006, mRNA;

RNA;

RNA;

miscRNA;  
 miscRNA;  
 .00288676), mRNA;  
 A;  
 miscRNA; gi|341914823|ref|XR\_133520.1| PREDICTED: Homo sapiens hypothetical LOC100507540 (LO  
 miscRNA; gi|310116593|ref|XR\_113227.1| PREDICTED: Homo sapiens hypothetical LOC100506605 (LO  
 miscRNA; gi|341914826|ref|XR\_133522.1| PREDICTED: Homo sapiens hypothetical LOC100506834 (LO  
 miscRNA; gi|310116597|ref|XR\_113232.1| PREDICTED: Homo sapiens hypothetical LOC100506912 (LO  
 miscRNA; gi|310116599|ref|XR\_113234.1| PREDICTED: Homo sapiens hypothetical LOC100507103 (LO  
 A;  
 miscRNA;  
 miscRNA; gi|310116611|ref|XR\_113239.1| PREDICTED: Homo sapiens hypothetical LOC100507319 (LO  
 miscRNA; gi|341914832|ref|XR\_133527.1| PREDICTED: Homo sapiens hypothetical LOC100507364 (LO  
 miscRNA; gi|341914835|ref|XR\_133530.1| PREDICTED: Homo sapiens hypothetical LOC100507465 (LO  
 miscRNA;  
 L48), miscRNA;  
 miscRNA;  
 5), miscRNA;  
 miscRNA; gi|310117629|ref|XR\_113249.1| PREDICTED: Homo sapiens hypothetical LOC100505986 (LO  
 miscRNA; gi|310117636|ref|XR\_113252.1| PREDICTED: Homo sapiens hypothetical LOC100506080 (LO  
 miscRNA; gi|310117644|ref|XR\_113258.1| PREDICTED: Homo sapiens hypothetical LOC100128077 (LO  
 miscRNA; gi|341914841|ref|XR\_133534.1| PREDICTED: Homo sapiens hypothetical LOC100506231 (LO  
 .17646|ref|XR\_113262.1| PREDICTED: Homo sapiens FLJ46836 protein (FLJ46836), miscRNA;  
 miscRNA; gi|310109931|ref|XR\_111033.1| PREDICTED: Homo sapiens hypothetical LOC100288619 (LO  
 f31), miscRNA;  
 miscRNA; gi|310109955|ref|XR\_111034.1| PREDICTED: Homo sapiens hypothetical LOC100507309 (LO  
 .00507445), mRNA; gi|310109943|ref|XM\_003119461.1| PREDICTED: Homo sapiens hypothetical prote  
 miscRNA; gi|310109941|ref|XR\_111046.1| PREDICTED: Homo sapiens hypothetical LOC100289455 (LO  
 miscRNA; gi|310109938|ref|XR\_111045.1| PREDICTED: Homo sapiens hypothetical LOC100507531 (LO  
 miscRNA; gi|341913661|ref|XR\_132929.1| PREDICTED: Homo sapiens hypothetical LOC100505485 (LO  
 miscRNA; gi|310109967|ref|XR\_111056.1| PREDICTED: Homo sapiens hypothetical LOC100505562 (LO  
 miscRNA; gi|310109965|ref|XR\_111054.1| PREDICTED: Homo sapiens hypothetical LOC100505601 (LO  
  
 .00130539), mRNA;  
 A; gi|310110001|ref|XR\_111078.1| PREDICTED: Homo sapiens hypothetical LOC729815 (LOC729815), r  
 miscRNA; gi|310110019|ref|XR\_111094.1| PREDICTED: Homo sapiens hypothetical LOC100133190 (LO  
 miscRNA; gi|310110034|ref|XR\_111103.1| PREDICTED: Homo sapiens hypothetical LOC100132116 (LO  
 miscRNA; gi|341913698|ref|XR\_132944.1| PREDICTED: Homo sapiens hypothetical LOC100507575 (LO  
 miscRNA; gi|310110032|ref|XR\_111101.1| PREDICTED: Homo sapiens hypothetical LOC100507596 (LO  
 miscRNA; gi|341913697|ref|XR\_132943.1| PREDICTED: Homo sapiens hypothetical LOC100507633 (LO  
 3 (LOC100505606), miscRNA; gi|310110020|ref|XR\_111107.1| PREDICTED: Homo sapiens hypothetica  
 miscRNA; gi|310110056|ref|XR\_111121.1| PREDICTED: Homo sapiens hypothetical LOC100505820 (LO  
 miscRNA; gi|310110052|ref|XR\_111117.1| PREDICTED: Homo sapiens hypothetical LOC100505890 (LO  
 .00128304), mRNA; gi|310110050|ref|XM\_001716258.3| PREDICTED: Homo sapiens hypothetical prote  
 f85), miscRNA; gi|310110040|ref|XR\_111110.1| PREDICTED: Homo sapiens chromosome 10 open read  
 miscRNA;  
 .00506255), mRNA; gi|341913713|ref|XM\_003403636.1| PREDICTED: Homo sapiens hypothetical prote

1 (LOC100506291), miscRNA; gi|341913715|ref|XR\_132949.1| PREDICTED: Homo sapiens hypothetical A; gi|310110072|ref|XR\_111130.1| PREDICTED: Homo sapiens hypothetical LOC387720 (LOC387720), r  
miscRNA; gi|341913716|ref|XR\_132950.1| PREDICTED: Homo sapiens hypothetical LOC100506006 (LO  
miscRNA; gi|310110083|ref|XR\_111133.1| PREDICTED: Homo sapiens hypothetical LOC100289424 (LO  
iscRNA; gi|310110088|ref|XR\_111140.1| PREDICTED: Homo sapiens hypothetical locus LOC692247 (LO  
miscRNA; gi|341913721|ref|XR\_132951.1| PREDICTED: Homo sapiens hypothetical LOC100506518 (LO  
miscRNA;  
miscRNA; gi|310110094|ref|XR\_111139.1| PREDICTED: Homo sapiens hypothetical LOC100294360 (LO  
miscRNA; gi|310110101|ref|XR\_111146.1| PREDICTED: Homo sapiens hypothetical LOC100505570 (LO  
.00505870), mRNA; gi|341913725|ref|XM\_003403638.1| PREDICTED: Homo sapiens hypothetical prote  
miscRNA; gi|341913727|ref|XR\_132953.1| PREDICTED: Homo sapiens hypothetical LOC100506101 (LO  
miscRNA; gi|341913730|ref|XR\_132955.1| PREDICTED: Homo sapiens hypothetical LOC100506258 (LO  
miscRNA; gi|310110164|ref|XR\_111164.1| PREDICTED: Homo sapiens hypothetical LOC100506367 (LO  
miscRNA; gi|310110142|ref|XR\_111158.1| PREDICTED: Homo sapiens hypothetical LOC100507109 (LO  
miscRNA; gi|341913732|ref|XR\_132957.1| PREDICTED: Homo sapiens hypothetical LOC100507282 (LO  
.00507338), mRNA; gi|310110126|ref|XM\_003119496.1| PREDICTED: Homo sapiens hypothetical prote  
gi|310110125|ref|XR\_111175.1| PREDICTED: Homo sapiens hypothetical LOC399886 (FLJ41423), miscf  
miscRNA; gi|310110171|ref|XR\_111179.1| PREDICTED: Homo sapiens hypothetical LOC100507106 (LO  
1 (LOC100507411), miscRNA; gi|310110177|ref|XR\_111181.1| PREDICTED: Homo sapiens hypothetical  
A; gi|310110206|ref|XR\_111192.1| PREDICTED: Homo sapiens hypothetical LOC728975 (LOC728975), r  
miscRNA;  
miscRNA; gi|310110210|ref|XR\_111194.1| PREDICTED: Homo sapiens hypothetical LOC100505834 (LO  
miscRNA; gi|341913752|ref|XR\_132969.1| PREDICTED: Homo sapiens hypothetical LOC100506045 (LO  
.00287837), mRNA; gi|310110233|ref|XM\_003119511.1| PREDICTED: Homo sapiens hypothetical prote  
miscRNA; gi|310110228|ref|XR\_111204.1| PREDICTED: Homo sapiens hypothetical LOC100506113 (LO  
miscRNA; gi|310110220|ref|XR\_111202.1| PREDICTED: Homo sapiens hypothetical LOC100506220 (LO  
miscRNA;  
miscRNA; gi|310110262|ref|XR\_111213.1| PREDICTED: Homo sapiens hypothetical LOC100129203 (LO  
miscRNA; gi|310110261|ref|XR\_111212.1| PREDICTED: Homo sapiens hypothetical LOC100131541 (LO  
A; gi|310110260|ref|XR\_111211.1| PREDICTED: Homo sapiens hypothetical LOC727869 (LOC727869), r  
VA; gi|310110258|ref|XR\_111209.1| PREDICTED: Homo sapiens sporadic kidney cancer gene 1 (SKCG-1  
A;  
miscRNA; gi|310110257|ref|XR\_111208.1| PREDICTED: Homo sapiens hypothetical LOC100506852 (LO  
1 (LOC100506870), miscRNA; gi|310120780|ref|XR\_110520.1| PREDICTED: Homo sapiens hypothetical  
miscRNA; gi|310110248|ref|XR\_111219.1| PREDICTED: Homo sapiens hypothetical LOC100506982 (LO  
A; gi|310110244|ref|XR\_111215.1| PREDICTED: Homo sapiens hypothetical LOC729173 (LOC729173), r  
miscRNA;  
f44), miscRNA; gi|310110273|ref|XR\_111233.1| PREDICTED: Homo sapiens chromosome 11 open read  
, mRNA; gi|310110279|ref|XM\_001720450.3| PREDICTED: Homo sapiens hypothetical protein LOC6465  
miscRNA; gi|310110293|ref|XR\_111244.1| PREDICTED: Homo sapiens hypothetical LOC100128253 (LO  
10291|ref|XR\_111242.1| PREDICTED: Homo sapiens ACAH3104 (LOC100128816), miscRNA;  
miscRNA; gi|310110290|ref|XR\_111241.1| PREDICTED: Homo sapiens hypothetical LOC100507492 (LO  
2 (LOC100507511), miscRNA; gi|310110289|ref|XR\_111239.1| PREDICTED: Homo sapiens hypothetical  
miscRNA; gi|310110287|ref|XR\_111238.1| PREDICTED: Homo sapiens hypothetical LOC100507560 (LO  
.00507271), mRNA; gi|341913776|ref|XM\_003403641.1| PREDICTED: Homo sapiens hypothetical prote  
ef|XM\_003403834.1| PREDICTED: Homo sapiens ovostatin (OVOS), mRNA;  
, mRNA; gi|310110330|ref|XM\_001717208.2| PREDICTED: Homo sapiens hypothetical protein LOC645:

0110349|ref|XR\_111291.1| PREDICTED: Homo sapiens mucin 19, oligomeric (MUC19), miscRNA; gi|34:  
 2 (LOC100506125), miscRNA; gi|310110361|ref|XR\_111278.1| PREDICTED: Homo sapiens hypothetical  
 1 (LOC100289104), miscRNA; gi|341913807|ref|XR\_132997.1| PREDICTED: Homo sapiens hypothetical  
 2 (LOC100506732), miscRNA; gi|341913809|ref|XR\_132999.1| PREDICTED: Homo sapiens hypothetical  
 miscRNA; gi|310110395|ref|XR\_111307.1| PREDICTED: Homo sapiens hypothetical LOC100507175 (LO  
 miscRNA;  
 miscRNA; gi|341913817|ref|XR\_133005.1| PREDICTED: Homo sapiens hypothetical LOC100507330 (LO  
 miscRNA; gi|310110389|ref|XR\_111303.1| PREDICTED: Homo sapiens hypothetical LOC100507345 (LO  
 miscRNA; gi|341913835|ref|XR\_133011.1| PREDICTED: Homo sapiens hypothetical LOC100507498 (LO  
 miscRNA; gi|310110438|ref|XR\_111331.1| PREDICTED: Homo sapiens hypothetical LOC100507559 (LO  
 miscRNA; gi|341913833|ref|XR\_133009.1| PREDICTED: Homo sapiens hypothetical LOC100507616 (LO  
 2 (LOC100506465), miscRNA; gi|341913843|ref|XR\_133013.1| PREDICTED: Homo sapiens hypothetical  
 miscRNA; gi|310110450|ref|XR\_111343.1| PREDICTED: Homo sapiens hypothetical LOC100506551 (LO  
 miscRNA; gi|341913845|ref|XR\_133015.1| PREDICTED: Homo sapiens hypothetical LOC100506691 (LO  
 miscRNA;  
 miscRNA; gi|310110469|ref|XR\_111360.1| PREDICTED: Homo sapiens hypothetical LOC100128840 (LO  
 A; gi|310110471|ref|XR\_111362.1| PREDICTED: Homo sapiens hypothetical LOC338797 (LOC338797), r  
 miscRNA; gi|310110478|ref|XR\_111363.1| PREDICTED: Homo sapiens hypothetical LOC100506978 (LO  
 miscRNA; gi|310110487|ref|XR\_111368.1| PREDICTED: Homo sapiens hypothetical LOC100506622 (LO  
 miscRNA; gi|310110494|ref|XR\_111373.1| PREDICTED: Homo sapiens hypothetical LOC100507040 (LO  
 -AS1), miscRNA; gi|310110499|ref|XR\_111377.1| PREDICTED: Homo sapiens FRY antisense RNA 1 (non-  
 miscRNA; gi|310110500|ref|XR\_111378.1| PREDICTED: Homo sapiens hypothetical LOC100507114 (LO  
 2 (LOC100287803), miscRNA; gi|310123039|ref|XR\_110120.1| PREDICTED: Homo sapiens hypothetical  
 (LOC100506859), mRNA; gi|310110520|ref|XM\_003119556.1| PREDICTED: Homo sapiens serine/threo  
 miscRNA; gi|341913881|ref|XR\_133032.1| PREDICTED: Homo sapiens hypothetical LOC100507428 (LO  
 A;  
 miscRNA;  
 miscRNA;  
  
 miscRNA; gi|310110574|ref|XR\_111420.1| PREDICTED: Homo sapiens hypothetical LOC100506004 (LO  
 miscRNA;  
 miscRNA; gi|310110579|ref|XR\_111425.1| PREDICTED: Homo sapiens hypothetical LOC100289251 (LO  
 miscRNA; gi|341913910|ref|XR\_133043.1| PREDICTED: Homo sapiens hypothetical LOC100506499 (LO  
 miscRNA; gi|310110592|ref|XR\_111428.1| PREDICTED: Homo sapiens hypothetical LOC100506549 (LO  
 miscRNA;  
 miscRNA; gi|310110599|ref|XR\_111433.1| PREDICTED: Homo sapiens hypothetical LOC100506767 (LO  
 miscRNA; gi|310110600|ref|XR\_111435.1| PREDICTED: Homo sapiens hypothetical LOC100506245 (LO  
 .00506290), mRNA;  
 miscRNA; gi|341913914|ref|XR\_133047.1| PREDICTED: Homo sapiens hypothetical LOC100506411 (LO  
 f56), miscRNA; gi|341913915|ref|XR\_133048.1| PREDICTED: Homo sapiens chromosome 14 open read  
 miscRNA; gi|310110642|ref|XR\_111461.1| PREDICTED: Homo sapiens hypothetical LOC100287558 (LO  
 miscRNA; gi|310110641|ref|XR\_111460.1| PREDICTED: Homo sapiens hypothetical LOC100506476 (LO  
 miscRNA; gi|310110616|ref|XR\_111453.1| PREDICTED: Homo sapiens hypothetical LOC100506659 (LO  
 miscRNA; gi|341913924|ref|XR\_133057.1| PREDICTED: Homo sapiens hypothetical LOC100506700 (LO  
 miscRNA; gi|310110614|ref|XR\_111451.1| PREDICTED: Homo sapiens hypothetical LOC100506731 (LO  
 miscRNA; gi|310110610|ref|XR\_111449.1| PREDICTED: Homo sapiens hypothetical LOC100506777 (LO

A; gi|310110605|ref|XR\_111444.1| PREDICTED: Homo sapiens hypothetical LOC283588 (LOC283588), r  
 1 (LOC100506919), miscRNA; gi|341913916|ref|XR\_133049.1| PREDICTED: Homo sapiens hypothetical  
 LOC100506972), mRNA; gi|310110677|ref|XM\_003119585.1| PREDICTED: Homo sapiens uncharacterize  
 miscRNA; gi|310110675|ref|XR\_111476.1| PREDICTED: Homo sapiens hypothetical LOC100133207 (LO  
 miscRNA; gi|310110671|ref|XR\_111472.1| PREDICTED: Homo sapiens hypothetical LOC100130815 (LO  
 miscRNA; gi|310110660|ref|XR\_111469.1| PREDICTED: Homo sapiens hypothetical LOC100507226 (LO  
 miscRNA; gi|341913928|ref|XR\_133061.1| PREDICTED: Homo sapiens hypothetical LOC100507242 (LO  
 miscRNA; gi|341913927|ref|XR\_133060.1| PREDICTED: Homo sapiens hypothetical LOC100507295 (LO  
 miscRNA;  
 2 (LOC100507437), miscRNA; gi|310123174|ref|XR\_110257.1| PREDICTED: Homo sapiens hypothetical  
 miscRNA; gi|310110679|ref|XR\_111478.1| PREDICTED: Homo sapiens hypothetical LOC100128343 (LO  
 miscRNA;  
 .00287326), mRNA;  
 protein 6-like, transcript variant 2 (LOC440233), mRNA;  
 tein 6 (LOC440243), mRNA;  
 ;  
 miscRNA; gi|310110703|ref|XR\_111482.1| PREDICTED: Homo sapiens hypothetical LOC100506948 (LO  
 miscRNA; gi|310110717|ref|XR\_111484.1| PREDICTED: Homo sapiens hypothetical LOC100507007 (LO  
 1-like, transcript variant 2 (LOC653720), mRNA; gi|310123219|ref|XM\_003118930.1| PREDICTED: Hom  
 miscRNA; gi|310110725|ref|XR\_111487.1| PREDICTED: Homo sapiens hypothetical LOC100130111 (LO  
 ant 2 (GOLGA8J), mRNA; gi|341915704|ref|XM\_001724382.4| PREDICTED: Homo sapiens golgin A8 fan  
 miscRNA;  
 .00288601), mRNA;  
 : (LOC100507035), mRNA;  
 i1), miscRNA;  
 ?-like (LOC728047), mRNA; gi|341915718|ref|XM\_001126904.4| PREDICTED: Homo sapiens golgin subf  
 miscRNA;  
 miscRNA; gi|310110744|ref|XR\_111498.1| PREDICTED: Homo sapiens hypothetical LOC100505573 (LO  
 miscRNA; gi|341913949|ref|XR\_133068.1| PREDICTED: Homo sapiens hypothetical LOC100505769 (LO  
 miscRNA; gi|341913969|ref|XR\_133079.1| PREDICTED: Homo sapiens hypothetical LOC100506059 (LO  
 miscRNA; gi|341913965|ref|XR\_133075.1| PREDICTED: Homo sapiens hypothetical LOC100506192 (LO  
 1 (LOC100506294), miscRNA; gi|341913964|ref|XR\_133074.1| PREDICTED: Homo sapiens hypothetical  
 miscRNA; gi|310110772|ref|XR\_111518.1| PREDICTED: Homo sapiens hypothetical LOC100506530 (LO  
 miscRNA; gi|341913960|ref|XR\_133070.1| PREDICTED: Homo sapiens hypothetical LOC100506580 (LO  
 .OC732265), mRNA;  
  
 A;  
 2 (LOC100505616), miscRNA; gi|310123358|ref|XR\_110596.1| PREDICTED: Homo sapiens hypothetical  
 (GOLGA6L3), mRNA; gi|310123373|ref|XM\_003118679.1| PREDICTED: Homo sapiens golgin A6 family-  
 miscRNA;  
 miscRNA; gi|341913979|ref|XR\_133087.1| PREDICTED: Homo sapiens hypothetical LOC100507118 (LO  
 miscRNA; gi|341913982|ref|XR\_133089.1| PREDICTED: Homo sapiens hypothetical LOC100507325 (LO  
 A;  
 A; gi|310112853|ref|XR\_111559.1| PREDICTED: Homo sapiens hypothetical LOC440313 (LOC440313), r  
 miscRNA; gi|310112964|ref|XR\_111626.1| PREDICTED: Homo sapiens hypothetical LOC100287175 (LO  
 miscRNA;  
 miscRNA; gi|341914010|ref|XR\_133111.1| PREDICTED: Homo sapiens hypothetical LOC100507146 (LO

miscRNA; gi|310112949|ref|XR\_111622.1| PREDICTED: Homo sapiens hypothetical LOC100507235 (LOC100507235), miscRNA; gi|310112946|ref|XR\_111621.1| PREDICTED: Homo sapiens hypothetical LOC100507303 (LOC100507303), miscRNA; gi|310112972|ref|XR\_111637.1| PREDICTED: Homo sapiens hypothetical LOC100507570 (LOC100507570), rRNA; gi|310112980|ref|XR\_111632.1| PREDICTED: Homo sapiens hypothetical LOC440337 (LOC440337), rRNA; gi|341914022|ref|XR\_133117.1| PREDICTED: Homo sapiens hypothetical LOC100287598 (LOC100287598), miscRNA; gi|310112988|ref|XR\_111641.1| PREDICTED: Homo sapiens hypothetical LOC100129781 (LOC100129781), miscRNA; gi|310123458|ref|XR\_109259.1| PREDICTED: Homo sapiens hypothetical LOC100129781 (LOC100129781), mRNA; gi|310123466|ref|XM\_003118694.1| PREDICTED: Homo sapiens hypothetical LOC100129781 (LOC100129781), mRNA; gi|310123470|ref|XM\_003118695.1| PREDICTED: Homo sapiens hypothetical LOC100129781 (LOC100129781), mRNA; gi|310123490|ref|XM\_003118702.1| PREDICTED: Homo sapiens hypothetical LOC100129781 (LOC100129781), mRNA; gi|310123499|ref|XM\_003118706.1| PREDICTED: Homo sapiens hypothetical LOC100129781 (LOC100129781), mRNA; gi|341914035|ref|XR\_133119.1| PREDICTED: Homo sapiens hypothetical LOC100506705 (LOC100506705), tRNA; gi|310112855|ref|XR\_111560.1| PREDICTED: Homo sapiens hypothetical LOC100506862 (LOC100506862), mRNA; gi|310112859|ref|XM\_003119630.1| PREDICTED: Homo sapiens hypothetical LOC100506928 (LOC100506928), mRNA; gi|310112863|ref|XR\_111567.1| PREDICTED: Homo sapiens hypothetical LOC100507092 (LOC100507092), mRNA; gi|310112866|ref|XR\_111569.1| PREDICTED: Homo sapiens hypothetical LOC100128371 (LOC100128371), mRNA; gi|310113025|ref|XR\_111670.1| PREDICTED: Homo sapiens hypothetical LOC100506397 (LOC100506397), mRNA; gi|310113038|ref|XR\_111668.1| PREDICTED: Homo sapiens hypothetical LOC100506974 (LOC100506974), mRNA; gi|310113039|ref|XR\_111669.1| PREDICTED: Homo sapiens hypothetical FLJ45831 (FLJ45831), mRNA; gi|310123599|ref|XR\_109374.1| PREDICTED: Homo sapiens hypothetical LOC100507263 (LOC100507263), mRNA; gi|310113051|ref|XR\_111677.1| PREDICTED: Homo sapiens hypothetical LOC100506582 (LOC100506582), mRNA; gi|310113062|ref|XR\_111684.1| PREDICTED: Homo sapiens hypothetical LOC100506629 (LOC100506629), mRNA; gi|341914055|ref|XR\_133128.1| PREDICTED: Homo sapiens hypothetical LOC100506643 (LOC100506643), mRNA; gi|310113075|ref|XM\_003119673.1| PREDICTED: Homo sapiens keratin associated protein 9-6 (KAP9-6), mRNA; gi|341914066|ref|XR\_133134.1| PREDICTED: Homo sapiens hypothetical LOC100505972 (LOC100505972), mRNA; gi|310123666|ref|XR\_109394.1| PREDICTED: Homo sapiens hypothetical LOC100506295 (LOC100506295), mRNA; gi|341914071|ref|XR\_133139.1| PREDICTED: Homo sapiens hypothetical LOC100506609 (LOC100506609), mRNA; gi|310113147|ref|XR\_111729.1| PREDICTED: Homo sapiens hypothetical LOC100506847 (LOC100506847), mRNA; gi|341914078|ref|XM\_003403689.1| PREDICTED: Homo sapiens CLTC intronic transcript 1 (CLTC-IT1), mRNA; gi|310113176|ref|XR\_111744.1| PREDICTED: Homo sapiens hypothetical LOC100507049 (LOC100507049), mRNA; gi|310113172|ref|XR\_111742.1| PREDICTED: Homo sapiens hypothetical LOC100134391 (LOC100134391), mRNA; gi|310113184|ref|XR\_111748.1| PREDICTED: Homo sapiens hypothetical LOC100507425 (LOC100507425), mRNA; gi|310113186|ref|XR\_111750.1| PREDICTED: Homo sapiens hypothetical LOC100507440 (LOC100507440), mRNA;



gi|310113187|ref|XR\_111751.1| PREDICTED: Homo sapiens hypothetical LOC100129503 (PP13), miscRNA;  
miscRNA;  
miscRNA;  
miscRNA; gi|341914112|ref|XR\_133157.1| PREDICTED: Homo sapiens hypothetical LOC100506787 (LOC100506787), miscRNA; gi|310113227|ref|XR\_111776.1| PREDICTED: Homo sapiens hypothetical LOC100506821 (LOC100506821), miscRNA; gi|310113234|ref|XR\_111781.1| PREDICTED: Homo sapiens hypothetical LOC100127909 (LOC100127909), miscRNA; gi|310113235|ref|XR\_111782.1| PREDICTED: Homo sapiens chromosome 18 open read LOC100127909 (LOC100127909), miscRNA; gi|310113238|ref|XR\_111785.1| PREDICTED: Homo sapiens hypothetical LOC100132501 (LOC100132501), miscRNA; gi|310113243|ref|XR\_111788.1| PREDICTED: Homo sapiens hypothetical LOC100505529 (LOC100505529), miscRNA; gi|310113248|ref|XR\_111793.1| PREDICTED: Homo sapiens hypothetical LOC100130938 (LOC100130938), mRNA; gi|341914119|ref|XM\_003403699.1| PREDICTED: Homo sapiens hypothetical protein LOC100505529 (LOC100505529), mRNA; gi|310113253|ref|XR\_111794.1| PREDICTED: Homo sapiens hypothetical LOC100505756 (LOC100505756), miscRNA; gi|310113256|ref|XR\_111797.1| PREDICTED: Homo sapiens hypothetical LOC100505797 (LOC100505797), miscRNA;  
miscRNA; gi|341914123|ref|XR\_133160.1| PREDICTED: Homo sapiens hypothetical LOC100505853 (LOC100505853), miscRNA; gi|310113261|ref|XR\_111802.1| PREDICTED: Homo sapiens FLJ44313 protein (FLJ44313), miscRNA;  
ref|XR\_111804.1| PREDICTED: Homo sapiens FLJ44881 (FLJ44881), miscRNA;  
miscRNA; gi|310113268|ref|XR\_111807.1| PREDICTED: Homo sapiens hypothetical LOC100506070 (LOC100506070), miscRNA;  
miscRNA; gi|310113322|ref|XR\_111833.1| PREDICTED: Homo sapiens hypothetical LOC100507081 (LOC100507081), miscRNA; gi|310123806|ref|XR\_109562.1| PREDICTED: Homo sapiens hypothetical LOC100507305 (LOC100507305), miscRNA; gi|310113311|ref|XR\_111825.1| PREDICTED: Homo sapiens hypothetical LOC100507503 (LOC100507503), miscRNA; gi|310113337|ref|XR\_111837.1| PREDICTED: Homo sapiens hypothetical LOC100507503 (LOC100507503), miscRNA; gi|310113339|ref|XR\_111839.1| PREDICTED: Homo sapiens hypothetical LOC100507535 (LOC100507535), miscRNA;  
miscRNA; gi|310113347|ref|XR\_111841.1| PREDICTED: Homo sapiens hypothetical LOC100128139 (LOC100128139), mRNA; gi|310113348|ref|XR\_111842.1| PREDICTED: Homo sapiens hypothetical LOC374890 (LOC374890), mRNA; gi|310113355|ref|XR\_111844.1| PREDICTED: Homo sapiens hypothetical LOC100132815 (LOC100132815), mRNA; gi|310113380|ref|XR\_111858.1| PREDICTED: Homo sapiens hypothetical LOC728485 (LOC728485), mRNA;  
miscRNA; gi|341914174|ref|XR\_133185.1| PREDICTED: Homo sapiens hypothetical LOC100505535 (LOC100505535), miscRNA; gi|341914177|ref|XR\_133188.1| PREDICTED: Homo sapiens hypothetical LOC100505701 (LOC100505701), miscRNA; gi|341914182|ref|XR\_133190.1| PREDICTED: Homo sapiens hypothetical LOC100505754 (LOC100505754), mRNA; gi|310113472|ref|XR\_111907.1| PREDICTED: Homo sapiens hypothetical LOC100506437 (LOC100506437), mRNA; gi|341914194|ref|XR\_133196.1| PREDICTED: Homo sapiens hypothetical LOC100506523 (LOC100506523), mRNA;  
1 (LOC100505490), miscRNA; gi|310113857|ref|XR\_112135.1| PREDICTED: Homo sapiens hypothetical LOC100505763 (LOC100505763), miscRNA; gi|310113872|ref|XR\_112144.1| PREDICTED: Homo sapiens hypothetical LOC100128997 (LOC100128997), miscRNA; gi|310113880|ref|XR\_112151.1| PREDICTED: Homo sapiens hypothetical LOC100130157 (LOC100130157), miscRNA; gi|310113881|ref|XR\_112153.1| PREDICTED: Homo sapiens hypothetical LOC100505963 (LOC100505963), miscRNA; gi|310113884|ref|XR\_112156.1| PREDICTED: Homo sapiens hypothetical LOC100505983 (LOC100505983), miscRNA; gi|341914321|ref|XR\_133263.1| PREDICTED: Homo sapiens hypothetical LOC100506034 (LOC100506034), mRNA; gi|310113886|ref|XR\_112158.1| PREDICTED: Homo sapiens hypothetical LOC100506069 (LOC100506069), mRNA; gi|310113888|ref|XR\_112160.1| PREDICTED: Homo sapiens hypothetical LOC100506069 (LOC100506069), mRNA; gi|310113896|ref|XM\_003119822.1| PREDICTED: Homo sapiens hypothetical protein LOC100506069 (LOC100506069), mRNA; gi|310113904|ref|XR\_112170.1| PREDICTED: Homo sapiens hypothetical MGC4294 (MGC4294), miscRNA;

miscRNA; gi|310113898|ref|XR\_112166.1| PREDICTED: Homo sapiens hypothetical LOC100506470 (LOC100506470), miscRNA;  
 miscRNA;  
 miscRNA; gi|310113912|ref|XR\_112174.1| PREDICTED: Homo sapiens hypothetical LOC100131174 (LOC100131174), miscRNA; gi|310124033|ref|XR\_109591.1| PREDICTED: Homo sapiens hypothetical LOC100505771 (LOC100505771), miscRNA;  
 miscRNA;  
 A;  
 miscRNA; gi|310113928|ref|XR\_112176.1| PREDICTED: Homo sapiens hypothetical LOC100289065 (LOC100289065), miscRNA;  
 A; gi|310113930|ref|XR\_112178.1| PREDICTED: Homo sapiens hypothetical LOC150051 (LOC150051), miscRNA;  
 miscRNA; gi|341914344|ref|XR\_133272.1| PREDICTED: Homo sapiens hypothetical LOC100506284 (LOC100506284), miscRNA;  
 miscRNA;  
 00383251 (LOC100288336), mRNA;  
 miscRNA; gi|341914347|ref|XR\_133275.1| PREDICTED: Homo sapiens hypothetical LOC100505974 (LOC100505974), miscRNA;  
 gi|310113960|ref|XR\_112204.1| PREDICTED: Homo sapiens chromosome 21 open reading frame LOC100505974 (LOC100505974), miscRNA;  
 gi|310113968|ref|XR\_112210.1| PREDICTED: Homo sapiens non-protein coding RNA 316 (NCR316), miscRNA;  
 A;  
 variant 1 (GGT2), mRNA; gi|310124094|ref|XM\_003118822.1| PREDICTED: Homo sapiens gamma-glutamyl transaminase 2 (GGT2), mRNA;  
 A; gi|310114013|ref|XR\_112226.1| PREDICTED: Homo sapiens hypothetical LOC388882 (LOC388882), miscRNA;  
 gi|310114020|ref|XR\_112229.1| PREDICTED: Homo sapiens hypothetical LOC100507580 (LOC100507580), miscRNA;  
 gi|310114021|ref|XR\_112230.1| PREDICTED: Homo sapiens hypothetical LOC100507599 (LOC100507599), miscRNA;  
 mRNA; gi|310114030|ref|XR\_112236.1| PREDICTED: Homo sapiens hypothetical protein FLJ20464 (FLJ20464), mRNA;  
 miscRNA; gi|341914377|ref|XR\_133291.1| PREDICTED: Homo sapiens hypothetical LOC100506271 (LOC100506271), miscRNA;  
 gi|310114036|ref|XR\_112241.1| PREDICTED: Homo sapiens hypothetical LOC100131530 (LOC100131530), miscRNA;  
 gi|341914363|ref|XR\_133284.1| PREDICTED: Homo sapiens hypothetical LOC100506544 (LOC100506544), miscRNA;  
 miscRNA;  
 miscRNA; gi|310114060|ref|XR\_112256.1| PREDICTED: Homo sapiens hypothetical LOC100506679 (LOC100506679), miscRNA;  
 gi|310114061|ref|XR\_112257.1| PREDICTED: Homo sapiens hypothetical LOC100506695 (LOC100506695), miscRNA;  
 gi|310124157|ref|XR\_109734.1| PREDICTED: Homo sapiens hypothetical LOC100506756 (LOC100506756), miscRNA;  
 gi|310124157|ref|XR\_109734.1| PREDICTED: Homo sapiens hypothetical LOC100506756 (LOC100506756), miscRNA;  
 gi|341914380|ref|XR\_133292.1| PREDICTED: Homo sapiens hypothetical LOC100506813 (LOC100506813), miscRNA;  
 gi|310114077|ref|XR\_112269.1| PREDICTED: Homo sapiens hypothetical LOC100506917 (LOC100506917), miscRNA;  
 A;  
 miscRNA;  
 62), mRNA;  
 miscRNA;  
 miscRNA; gi|310118091|ref|XR\_113300.1| PREDICTED: Homo sapiens hypothetical LOC100506610 (LOC100506610), miscRNA;  
 gi|310118092|ref|XR\_113301.1| PREDICTED: Homo sapiens hypothetical LOC100506630 (LOC100506630), miscRNA;  
 miscRNA;  
 miscRNA;  
 4), miscRNA; gi|310118103|ref|XR\_113303.1| PREDICTED: Homo sapiens chromosome X open reading frame LOC100506774 (LOC100506774), miscRNA;  
 7), miscRNA; gi|310118114|ref|XR\_113306.1| PREDICTED: Homo sapiens chromosome X open reading frame LOC100506774 (LOC100506774), miscRNA;  
 miscRNA;  
 miscRNA; gi|310118120|ref|XR\_113309.1| PREDICTED: Homo sapiens hypothetical LOC100506774 (LOC100506774), miscRNA;  
 miscRNA;  
 00128574), mRNA; gi|310118123|ref|XM\_001714987.3| PREDICTED: Homo sapiens hypothetical protein LOC100506774 (LOC100506774), mRNA;

1 (LOC100506901), miscRNA; gi|310124216|ref|XR\_109769.1| PREDICTED: Homo sapiens hypotheticala  
miscRNA; gi|310118130|ref|XR\_113313.1| PREDICTED: Homo sapiens hypothetical LOC100126447 (LO  
miscRNA;  
miscRNA;  
1 (LOC100507199), miscRNA; gi|341914998|ref|XR\_133565.1| PREDICTED: Homo sapiens hypotheticala  
miscRNA;  
miscRNA;  
miscRNA;  
miscRNA;  
miscRNA;  
3 (LOC100505874), miscRNA; gi|310117945|ref|XR\_113285.1| PREDICTED: Homo sapiens hypotheticala  
DNAJC3-AS1), miscRNA; gi|310110548|ref|XR\_111404.1| PREDICTED: Homo sapiens DNAJC3 antisense  
miscRNA; gi|310110540|ref|XR\_111399.1| PREDICTED: Homo sapiens hypothetical LOC100507654 (LO  
A;  
ling) (ANKRD10-IT1), miscRNA; gi|310110538|ref|XR\_111397.1| PREDICTED: Homo sapiens ANKRD10 ir  
miscRNA;  
1 (LOC100505488), miscRNA; gi|310124357|ref|XR\_109296.1| PREDICTED: Homo sapiens hypotheticala  
miscRNA;  
miscRNA; gi|310112878|ref|XR\_111575.1| PREDICTED: Homo sapiens hypothetical LOC100505692 (LO  
miscRNA; gi|310112881|ref|XR\_111579.1| PREDICTED: Homo sapiens hypothetical LOC100505709 (LO  
A; gi|310112884|ref|XR\_111582.1| PREDICTED: Homo sapiens hypothetical LOC388282 (LOC388282), r  
miscRNA; gi|310112885|ref|XR\_111583.1| PREDICTED: Homo sapiens hypothetical LOC100505792 (LO  
1 (LOC100505942), miscRNA; gi|310124382|ref|XR\_109314.1| PREDICTED: Homo sapiens hypotheticala  
f47), miscRNA; gi|310112902|ref|XR\_111595.1| PREDICTED: Homo sapiens chromosome 16 open read  
ike 2 (NPIPL2), mRNA;  
miscRNA; gi|341914004|ref|XR\_133106.1| PREDICTED: Homo sapiens hypothetical LOC100506307 (LO  
:f|XR\_111602.1| PREDICTED: Homo sapiens SFPQ (LOC654780), miscRNA;  
miscRNA; gi|310112921|ref|XR\_111608.1| PREDICTED: Homo sapiens hypothetical LOC100506542 (LO  
miscRNA; gi|310112929|ref|XR\_111610.1| PREDICTED: Homo sapiens hypothetical LOC100129215 (LO  
miscRNA;  
miscRNA;  
miscRNA; gi|310112937|ref|XR\_111618.1| PREDICTED: Homo sapiens hypothetical LOC100506251 (LO  
miscRNA; gi|341914009|ref|XR\_133110.1| PREDICTED: Homo sapiens hypothetical LOC100506268 (LO  
er C (FAM157C), mRNA;  
miscRNA;  
miscRNA; gi|310113209|ref|XR\_111761.1| PREDICTED: Homo sapiens hypothetical LOC100505592 (LO  
miscRNA; gi|310113212|ref|XR\_111764.1| PREDICTED: Homo sapiens hypothetical LOC100287082 (LO  
\ C1L1), mRNA; gi|310113214|ref|XM\_001720870.3| PREDICTED: Homo sapiens acyl-malonyl condensir  
\A; gi|310113216|ref|XM\_003119697.1| PREDICTED: Homo sapiens ankyrin repeat domain 62, transcr  
-like (LOC100507200), mRNA;  
113279|ref|XR\_111810.1| PREDICTED: Homo sapiens EPWW6493 (LOC100129831), miscRNA;  
miscRNA; gi|310113820|ref|XR\_112112.1| PREDICTED: Homo sapiens hypothetical LOC100507459 (LO  
A; gi|310113824|ref|XR\_112116.1| PREDICTED: Homo sapiens hypothetical LOC388780 (LOC388780), r  
miscRNA; gi|310113834|ref|XR\_112122.1| PREDICTED: Homo sapiens hypothetical LOC100505515 (LO  
miscRNA; gi|310113843|ref|XR\_112127.1| PREDICTED: Homo sapiens hypothetical LOC100505651 (LO  
miscRNA; gi|341914306|ref|XR\_133257.1| PREDICTED: Homo sapiens hypothetical LOC100505664 (LO  
miscRNA; gi|341914352|ref|XR\_133278.1| PREDICTED: Homo sapiens hypothetical LOC100506240 (LO

miscRNA; gi|310113976|ref|XR\_112216.1| PREDICTED: Homo sapiens hypothetical LOC100506285 (LOC100506285), mRNA;  
 miscRNA; gi|341914356|ref|XR\_133279.1| PREDICTED: Homo sapiens hypothetical LOC100287576 (LOC100287576), mRNA;  
 member 9 (FAM197Y9), mRNA;  
 miscRNA; gi|310117664|ref|XR\_113273.1| PREDICTED: Homo sapiens hypothetical LOC100506532 (LOC100506532), mRNA; gi|310117665|ref|XR\_113268.1| PREDICTED: Homo sapiens chromosome 9 open reading frame 10 (LOC100506532), mRNA;  
 miscRNA; gi|310117669|ref|XR\_113272.1| PREDICTED: Homo sapiens hypothetical LOC100129999 (LOC100129999), mRNA;  
 miscRNA; gi|310117672|ref|XR\_113278.1| PREDICTED: Homo sapiens hypothetical LOC100505976 (LOC100505976), mRNA;  
 LOC13853|ref|XR\_112131.1| PREDICTED: Homo sapiens FLJ45832 protein (FLJ45832), mRNA;  
 miscRNA; gi|310110550|ref|XR\_111406.1| PREDICTED: Homo sapiens hypothetical LOC100506016 (LOC100506016), mRNA;  
 miscRNA; gi|310110552|ref|XR\_111408.1| PREDICTED: Homo sapiens hypothetical LOC100506063 (LOC100506063), mRNA;  
 A;  
 miscRNA;  
 at and PH domain 10 (AGAP10), mRNA;  
 LOC100506191), mRNA;  
 miscRNA; gi|310117647|ref|XR\_113264.1| PREDICTED: Homo sapiens hypothetical LOC100506425 (LOC100506425), mRNA;  
 miscRNA; gi|310117663|ref|XR\_113265.1| PREDICTED: Homo sapiens hypothetical LOC100130548 (LOC100130548), mRNA;  
 LOC14575|ref|XR\_112605.1| PREDICTED: Homo sapiens FLJ35816 protein (FLJ35816), mRNA;  
 -like (LOC100288646), mRNA;  
 (FAM27E2), mRNA;  
 A;  
 LOC728034), mRNA; gi|310124604|ref|XR\_110606.1| PREDICTED: Homo sapiens hypothetical LOC728034 (LOC728034), mRNA;  
 r E3 (FAM27E3), mRNA;  
 RNA;  
 LOC100287110), mRNA;  
 BPF8), mRNA;  
 miscRNA;  
 3 (LOC100505650), mRNA; gi|310113617|ref|XR\_112000.1| PREDICTED: Homo sapiens hypothetical LOC100505650 (LOC100505650), mRNA;  
 t variant 2 (TSPY8), mRNA; gi|343962647|ref|NM\_001243721.1| Homo sapiens testis specific protein, TSPY8-like, transcript variant 2 (TSPY8), mRNA;  
 -like, transcript variant 4 (LOC100505603), mRNA; gi|310124631|ref|XM\_003119076.1| PREDICTED: Homo sapiens hypothetical LOC100505603 (LOC100505603), mRNA;  
 1 (LOC100507312), mRNA; gi|310124659|ref|XR\_110812.1| PREDICTED: Homo sapiens hypothetical LOC100507312 (LOC100507312), mRNA;  
 RNA; gi|310117796|ref|XM\_003120168.1| PREDICTED: Homo sapiens protein FAM104B-like (LOC100506250), mRNA;  
 eptor like protein KIR3DP1-like (LOC100506173), mRNA;  
 31-7 beta chain-like, transcript variant 3 (LOC100507709), mRNA; gi|310124853|ref|XM\_003119259.1| PREDICTED: Homo sapiens hypothetical LOC100507709 (LOC100507709), mRNA;  
 miscRNA;  
 miscRNA; gi|310119803|ref|XR\_108611.1| PREDICTED: Homo sapiens hypothetical LOC100506851 (LOC100506851), mRNA; gi|310115531|ref|XM\_003120089.1| PREDICTED: Homo sapiens sphingomyelin phosphodiesterase 3 (LOC100506851), mRNA;  
 310117670|ref|XR\_113274.1| PREDICTED: Homo sapiens hypothetical locus ESP33 (ESP33), mRNA; gi|310117670|ref|XR\_113274.1| PREDICTED: Homo sapiens hypothetical locus ESP33 (ESP33), mRNA;  
 L-like, transcript variant 1 (LOC100132202), mRNA; gi|310123211|ref|XM\_003118928.1| PREDICTED: Homo sapiens hypothetical LOC100132202 (LOC100132202), mRNA;  
 LOC645321), mRNA; gi|310133514|ref|XR\_108275.1| PREDICTED: Homo sapiens hypothetical LOC645321 (LOC645321), mRNA;  
 RNA; gi|310123860|ref|XR\_109482.1| PREDICTED: Homo sapiens hypothetical protein FLJ21369 (FLJ21369), mRNA;

rRNA; gi|169213565|ref|XM\_001726878.1| PREDICTED: Homo sapiens zinc finger protein 100-like (LOC  
 ), transcript variant 1, mRNA; gi|310616727|ref|NM\_001198559.1| Homo sapiens DnaJ (Hsp40) homol  
 ariant 1, mRNA; gi|310616713|ref|NM\_014441.2| Homo sapiens sialic acid binding Ig-like lectin 9 (SIGL  
 48|ref|NM\_001198557.1| Homo sapiens lamin B1 (LMNB1), transcript variant 2, mRNA;  
 ript variant 2, mRNA; gi|310703593|ref|NM\_001198594.1| Homo sapiens STON1-GTF2A1L readthroug  
 udogene 3 (ATP6V0CP3), non-coding RNA;  
 (ITI15), transcript variant 1, mRNA; gi|312434032|ref|NM\_032817.5| Homo sapiens inter-alpha-trypsi

chondrial protein, transcript variant 1, mRNA; gi|310923203|ref|NM\_080911.2| Homo sapiens uracil-D  
riant 2, non-coding RNA; gi|353681758|ref|NR\_027143.3| Homo sapiens two pore channel 3 pseudoge  
ant 2, mRNA; gi|310923207|ref|NM\_001198695.1| Homo sapiens microfibrillar-associated protein 4 (M  
oding RNA;

script variant 2, non-coding RNA; gi|310923287|ref|NM\_033514.4| Homo sapiens LIM and senescent c  
RNA; gi|311078762|ref|NM\_015547.3| Homo sapiens acyl-CoA thioesterase 11 (ACOT11), transcript va

1832|ref|NM\_080415.2| Homo sapiens septin 4 (SEPT4), nuclear gene encoding mitochondrial protein,  
.B), non-coding RNA;

FM2), transcript variant 2, mRNA; gi|311082414|ref|NM\_001198696.1| Homo sapiens apoptosis-induc  
A;

1511|ref|NM\_001198830.1| Homo sapiens lipase, gastric (LIPF), transcript variant 4, mRNA; gi|3117715  
nt 3, mRNA; gi|311771524|ref|NM\_001198836.1| Homo sapiens RNA binding motif protein 14 (RBM1  
transcript variant 2, mRNA; gi|57165416|ref|NM\_006431.2| Homo sapiens chaperonin containing TCP1,  
2, mRNA; gi|311771541|ref|NM\_001198844.1| Homo sapiens RNA binding motif protein 4 (RBM4), tr  
variant 2, mRNA; gi|311771544|ref|NM\_001198845.1| Homo sapiens RBM14-RBM4 readthrough (RBN  
transducing activity polypeptide 2 (GNGT2), transcript variant 2, mRNA; gi|221316724|ref|NM\_03149  
RNA;

ant 1, mRNA; gi|311771584|ref|NM\_001198760.1| Homo sapiens LY75-CD302 readthrough (LY75-CD3

gi|211971041|ref|NM\_014880.4| Homo sapiens CD302 molecule (CD302), transcript variant 1, mRNA; g  
n-coding RNA;

;

cript variant 1, mRNA; gi|311771622|ref|NM\_001198774.1| Homo sapiens phosphatidylinositol 4-kina  
35|ref|NM\_003591.3| Homo sapiens cullin 2 (CUL2), transcript variant 3, mRNA; gi|311771638|ref|NM  
4), transcript variant 1, mRNA; gi|311771643|ref|NM\_001024959.2| Homo sapiens actin related protei  
ECT2L), transcript variant 1, mRNA; gi|311771653|ref|NM\_001195037.2| Homo sapiens epithelial cell l  
ript variant 2, non-coding RNA; gi|311771701|ref|NM\_001025930.3| Homo sapiens tubulin tyrosine liq  
variant 2, mRNA; gi|311771655|ref|NM\_001029880.2| Homo sapiens Scm-like with four mbt domains  
l, mRNA; gi|311771664|ref|NM\_002697.3| Homo sapiens POU class 2 homeobox 1 (POU2F1), transcrip

ng RNA;

NTD3), transcript variant 4, mRNA; gi|311771724|ref|NM\_001198805.1| Homo sapiens Myb/SANT-like  
ariant 1, mRNA; gi|311771736|ref|NM\_001198810.1| Homo sapiens solute carrier family 43, member 1  
ke domains 1 (TMEFF1), mRNA;

mRNA;

), transcript variant 3, mRNA; gi|311771717|ref|NM\_001198803.1| Homo sapiens eukaryotic translati

ariant 4, mRNA; gi|311771765|ref|NM\_001198819.1| Homo sapiens APOBEC1 complementation factor  
iant 2, mRNA; gi|311771774|ref|NM\_198042.3| Homo sapiens PDZ and LIM domain 2 (mystique) (PDLI  
t variant 3, non-coding RNA; gi|311771779|ref|NR\_037169.1| Homo sapiens uncharacterized LOC1005  
cript variant 3, mRNA; gi|311771783|ref|NM\_001013842.2| Homo sapiens chromosome 8 open readir  
t variant 1, non-coding RNA; gi|311893290|ref|NR\_037178.1| Homo sapiens uncharacterized LOC1002  
t variant 2, non-coding RNA; gi|311893293|ref|NR\_037179.1| Homo sapiens uncharacterized LOC1005  
653513), non-coding RNA;

|311893301|ref|NM\_014947.4| Homo sapiens forkhead box J3 (FOXJ3), transcript variant 1, mRNA; gi|  
 (CYP2C8), transcript variant 3, mRNA; gi|98991772|ref|NM\_000770.3| Homo sapiens cytochrome P45  
 A;  
 aining B (PRPF38B), transcript variant 2, non-coding RNA; gi|166235168|ref|NM\_018061.2| Homo sapi  
 HLA-DQB2), mRNA;  
 riant 1, mRNA; gi|149158718|ref|NM\_018252.2| Homo sapiens transmembrane protein 206 (TMEM20  
 nRNA; gi|311893334|ref|NM\_001612.5| Homo sapiens acrosomal vesicle protein 1 (ACRV1), transcript  
 3343|ref|NR\_037188.1| Homo sapiens copine I (CPNE1), transcript variant 8, non-coding RNA; gi|3118  
 ransferase 15 (CHST15), transcript variant 2, mRNA; gi|311893348|ref|NM\_015892.3| Homo sapiens ca  
  
 subunit F2 (ATP5J2), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|3118  
 encoding mitochondrial protein, mRNA;  
  
 0102), non-coding RNA;  
 nt 4, mRNA; gi|311893284|ref|NM\_006047.5| Homo sapiens RNA binding motif protein 12 (RBM12), t  
 ANXA2-OT1), non-coding RNA;  
  
 ie 1 (SULT1C2P1), non-coding RNA;  
 312032408|ref|NM\_001198898.1| Homo sapiens aminoacylase 1 (ACY1), transcript variant 5, mRNA; gi  
 TP6V1A), mRNA;  
 LA-ACY1), non-coding RNA;  
 1, mRNA; gi|312032415|ref|NM\_001198899.1| Homo sapiens YY1 associated protein 1 (YY1AP1), trans  
 t 3, non-coding RNA; gi|311771648|ref|NR\_037159.1| Homo sapiens uncharacterized LOC386758 (LOC  
 TP6V1D), mRNA;  
 it variant 1, mRNA; gi|312032438|ref|NM\_001144983.2| Homo sapiens coiled-coil domain containing 1  
 TP6V1F), transcript variant 1, mRNA; gi|312032452|ref|NM\_001198909.1| Homo sapiens ATPase, H+ t  
 l amino acid transport), member 2 (SLC3A2), transcript variant 5, mRNA; gi|312032446|ref|NM\_00101  
 RNA;  
 ;  
 (PPFIBP1), transcript variant 1, mRNA; gi|312032470|ref|NM\_001198915.1| Homo sapiens PTPRF inter  
  
 t variant 3, non-coding RNA; gi|312032493|ref|NR\_037174.1| Homo sapiens uncharacterized LOC1005





encoding mitochondrial protein, mRNA;  
nRNA; gi|312147320|ref|NM\_005667.3| Homo sapiens ring finger protein 103 (RNF103), transcript var  
script variant 1, mRNA; gi|312147338|ref|NM\_024071.3| Homo sapiens zinc finger, FYVE domain conta  
;

t 2, non-coding RNA; gi|312147402|ref|NR\_027921.2| Homo sapiens CCL14-CCL15 readthrough (CCL14

cleolar RNA;

ide (GNAQ), mRNA;

31 (SLCO2B1), transcript variant 1, mRNA; gi|312176374|ref|NM\_001145212.2| Homo sapiens solute carrier family 2 member B1, transcript variant 1, mRNA; gi|312176380|ref|NR\_037567.1| Homo sapiens solute carrier family 2 member B1, transcript variant 2, mRNA; gi|312222758|ref|NM\_001198962.1| Homo sapiens enoyl CoA hydratase domain containing protein, transcript variant 1, mRNA; gi|312176386|ref|NM\_176805.2| Homo sapiens enoyl CoA hydratase domain containing protein, transcript variant 2, mRNA.

urin-dependent 4 (NFATC4), transcript variant 3, mRNA; gi|194578882|ref|NM\_004554.4| Homo sapiens  
drial protein, transcript variant 1, mRNA; gi|312176409|ref|NM\_171846.2| Homo sapiens lactamase, b  
-11A), mRNA;

nRNA;

12176415|ref|NM\_001198972.1| Homo sapiens KIAA1522 (KIAA1522), transcript variant 2, mRNA; gi|1  
ne encoding mitochondrial protein, mRNA;

ins 1 (eppin) (SPINLW1), mRNA;

 $\forall A;$ 

ne encoding mitochondrial protein, mRNA;

inscript variant 4, mRNA; gi|312222700|ref|NM\_178122.4| Homo sapiens chromosome 1 open reading  
nt 2, mRNA; gi|312222715|ref|NM\_001199017.1| Homo sapiens leucine rich repeat containing 49 (LRF

variant 3, non-coding RNA; gi|312222713|ref|NM\_145255.3| Homo sapiens mitochondrial ribosomal protein 22, non-coding RNA; gi|312261202|ref|NR\_037580.1| Homo sapiens transmembrane protein 222 (TME

ript variant 2, mRNA; gi|312222730|ref|NM\_012445.3| Homo sapiens spondin 2, extracellular matrix p  
pt variant 1, mRNA; gi|190341064|ref|NM\_014711.4| Homo sapiens centriolar coiled coil protein 110k

variant 2, mRNA; gi|312176364|ref|NM\_018442.3| Homo sapiens DDB1 and CUL4 associated factor 6  
2176430|ref|NM\_001198978.1| Homo sapiens small ArfGAP2 (SMAP2), transcript variant 3, mRNA; gi|

uclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|312222768|ref|NM\_001198222773|ref|NM\_023018.4| Homo sapiens NAD kinase (NADK), transcript variant 1, mRNA; gi|3122227

the encoding mitochondrial protein, mRNA;

3 pseudogene 1 (PLEKHA8P1), non-coding RNA;

RNA; gi|312261185|ref|NM\_032486.3| Homo sapiens dynactin 5 (p25) (DCTN5), transcript variant 1, ml

ne encoding mitochondrial protein, mRNA;

RNA; gi|312261211|ref|NM\_178865.4| Homo sapiens serine incorporator 2 (SERINC2), transcript variant 1, mRNA; gi|312261221|ref|NM\_182687.2| Homo sapiens protein kinase PDK1 (PKMYT1), transcript variant 1, mRNA; gi|312261234|ref|NM\_080594.2| Homo sapiens RNA binding protein S1, serine-

, mRNA; gi|312261253|ref|NM\_001199052.1| Homo sapiens LEM domain containing 1 (LEMD1), transcript variant 3, non-coding RNA; gi|189409107|ref|NM\_005829.4| Homo sapiens adaptor-related protein 3 (ARFIP3), transcript variant 1, mRNA; gi|312261256|ref|NM\_005115.4| Homo sapiens major vault protein (MVP), transcript variant 2, mRNA; gi|222136614|ref|NM\_001144924.1| Homo sapiens exonuclease NEF-sp (LOC81691), transcript variant 1, mRNA; gi|312261262|ref|NM\_001199055.1| Homo sapiens chromosome 16 open reading frame 16 (LOC101928442), mRNA;

g) (CRIM1), mRNA; gi|312283620|ref|NM\_001199080.1| Homo sapiens podocan (PODN), transcript variant 2, mRNA; gi|312283621, mRNA; gi|312283652|ref|NM\_001199092.1| Homo sapiens tudor domain containing 5 (TDRD5), transcript variant 3, mRNA; gi|312283638|ref|NM\_001002006.2| Homo sapiens 5'-nucleotidase, cytosolic 1B (NT5C1B), transcript variant 1, mRNA; gi|312283683|ref|NM\_001199104.1| Homo sapiens NT5C1B-RDH14 readthrough transcript variant 1, mRNA; gi|312283692|ref|NM\_020705.2| Homo sapiens TBC1 domain family, member 24 (TBC1D24), transcript variant 1, mRNA; gi|312283699|ref|NM\_005917.3| Homo sapiens malate dehydrogenase 1, NAD-dependent (MDH1), mRNA;

-dependent 3 (NFATC3), transcript variant 3, mRNA; gi|312283724|ref|NM\_004555.3| Homo sapiens nuclear factor of activated T-cells 3 (NFATC3), transcript variant 2, mRNA; gi|312283728|ref|NM\_001199120.1| Homo sapiens ribonuclease P/MRP 21kDa subunit (RPP21), transcript variant 1, mRNA; gi|312284068|ref|NM\_153255.4| Homo sapiens minichromosome maintenance protein 1 (MCM1), mRNA;

ig RNA; gi|312284077|ref|NR\_037585.1| Homo sapiens chromosome 21 open reading frame 21 (LOC101928442), mRNA; gi|312284079|ref|NM\_003933.4| Homo sapiens BAI1-associated protein 3 (BAIAP3), transcript variant 3 (Arabidopsis) (COPS3), transcript variant 2, mRNA; gi|312284088|ref|NM\_003653.3| Homo sapiens BAI1-associated protein 3 (BAIAP3), transcript variant 3, mRNA; gi|19743568|ref|NM\_004180.2| Homo sapiens TRAF family member-associated protein 3 (TRAF3), transcript variant 3, mRNA; gi|312433959|ref|NM\_001199138.1| Homo sapiens NLR family, CARD domain containing 1 (NLRP1), transcript variant 2, mRNA; gi|42544150|ref|NM\_031445.2| Homo sapiens AMME chromosomal region 7L1), mRNA;

t variant 2, mRNA; gi|312433982|ref|NM\_152381.5| Homo sapiens xin actin-binding repeat containing protein 1 (XBP1), transcript variant 1, mRNA; gi|312433994|ref|NM\_173512.2| Homo sapiens solute carrier family 38, member 3 (SLC38A3), transcript variant 1, mRNA; gi|312433997|ref|NM\_001199149.1| Homo sapiens lactotransferrin (LTF), transcript variant 2, mRNA; gi|312434016|ref|NM\_001199158.1| Homo sapiens K(lysine) acetyltransferase 7 (KAT7), transcript variant 1, mRNA; gi|70780383|ref|NM\_153370.2| Homo sapiens peptidase inhibitor 16 (PI16), transcript variant 1, mRNA;

; gi|312596872|ref|NM\_001199161.1| Homo sapiens ubiquitin specific peptidase 19 (USP19), transcript variant 3, mRNA; gi|312596872|ref|NM\_001199161.1| Homo sapiens ubiquitin specific peptidase 19 (USP19), transcript variant 5 (PSMC5), transcript variant 2, mRNA; gi|312596879|ref|NM\_002805.5| Homo sapiens proteasome activator complex 1 (PAC1), transcript variant 1, mRNA; gi|312596913|ref|NM\_001199175.1| Homo sapiens MTOR associated protein 2 (PDK1), transcript variant 1, mRNA; gi|312596913|ref|NM\_001199175.1| Homo sapiens MTOR associated protein 2 (PDK1), transcript variant 2, mRNA; gi|312837060|ref|NM\_020232.4| Homo sapiens proteasome activator complex 1 (PAC1), transcript variant alpha, mRNA; gi|312596928|ref|NM\_032996.2| Homo sapiens caspase 9, apoptosis-related protein 9 (CASP9), transcript variant 1, mRNA;

, mRNA; gi|312596928|ref|NM\_032996.2| Homo sapiens caspase 9, apoptosis-related protein 9 (CASP9), transcript variant 1, mRNA;

, mRNA; gi|312596928|ref|NM\_032996.2| Homo sapiens caspase 9, apoptosis-related protein 9 (CASP9), transcript variant 1, mRNA;

|ref|NM\_001199189.1| Homo sapiens cyclin H (CCNH), transcript variant 2, mRNA; gi|312596928|ref|NM\_032996.2| Homo sapiens caspase 9, apoptosis-related protein 9 (CASP9), transcript variant 1, mRNA;

1), transcript variant 7, mRNA; gi|312836760|ref|NM\_001001485.2| Homo sapiens ATPase, Ca++ trans

2, mRNA; gi|312836797|ref|NM\_001199196.1| Homo sapiens armadillo repeat containing 6 (ARMC6), t

NA; gi|312836803|ref|NM\_013411.4| Homo sapiens adenylate kinase 2 (AK2), nuclear gene encoding r

ariant 2, mRNA; gi|312836830|ref|NM\_001199207.1| Homo sapiens GTF2I repeat domain containing 1

rg) (CAHM), non-coding RNA;

variant 3, mRNA; gi|312836813|ref|NM\_024687.3| Homo sapiens zinc finger, B-box domain containing

RNA;

(CYP4F3), transcript variant 2, mRNA; gi|119220561|ref|NM\_000896.2| Homo sapiens cytochrome P45

mic domain, (semaphorin) 6B (SEMA6B), mRNA;

nt 3, mRNA; gi|312836848|ref|NM\_080600.2| Homo sapiens myelin associated glycoprotein (MAG), tr

variant 1, mRNA; gi|312836799|ref|NM\_018309.3| Homo sapiens TBC1 domain family, member 23 (T

;

AM188B), non-coding RNA;

.OC646278), non-coding RNA;

IA;

t variant 2, mRNA; gi|312839868|ref|NM\_001199238.1| Homo sapiens G patch domain and ankyrin re

t variant 2, non-coding RNA; gi|312839876|ref|NR\_037602.1| Homo sapiens uncharacterized LOC1005

ng RNA;

, mRNA;

variant 2, non-coding RNA; gi|312922349|ref|NM\_022100.2| Homo sapiens mitochondrial ribosomal pr

t 1, mRNA; gi|312922353|ref|NM\_145034.4| Homo sapiens torsin A interacting protein 2 (TOR1AIP2),

36840|ref|NM\_139316.2| Homo sapiens amphiphysin (AMPH), transcript variant 2, mRNA;

variant 1, mRNA; gi|25168259|ref|NM\_016276.3| Homo sapiens serum/glucocorticoid regulated kinas

RNA;

2922389|ref|NM\_001199214.1| Homo sapiens stathmin-like 2 (STMN2), transcript variant 1, mRNA;

;

mRNA; gi|312922342|ref|NM\_001199255.1| Homo sapiens shugoshin-like 1 (S. pombe) (SGOL1), tran

mRNA; gi|313102996|ref|NM\_001199267.1| Homo sapiens diacylglycerol kinase, zeta (DGKZ), transcri

member 3 (SULT1A3), mRNA;

mRNA;

g, member 4 (SULT1A4), mRNA;

RNA;

A (S. cerevisiae) (SLX1A), transcript variant 2, mRNA; gi|313103016|ref|NM\_001014999.2| Homo sapie

i. cerevisiae) (SLX1B), transcript variant 1, mRNA; gi|313103024|ref|NM\_178044.2| Homo sapiens SLX1

, mRNA; gi|319738621|ref|NM\_001201429.1| Homo sapiens calcineurin binding protein 1 (CABIN1), tr

5, mRNA; gi|313151194|ref|NM\_001199287.1| Homo sapiens phosphatase, orphan 2 (PHOSPHO2), tr

mRNA;

A; gi|313482811|ref|NM\_001199295.1| Homo sapiens zinc finger protein 549 (ZNF549), transcript vari

cript variant 3, mRNA; gi|313151223|ref|NM\_001199297.1| Homo sapiens ubiquitin interaction motif (UIM), transcript variant 1, mRNA; gi|313151242|ref|NR\_037612.1| Homo sapiens SEPT5-GP1BB readthrough (SEPT5-GP1BB), non-coding RNA, mRNA; gi|31317208|ref|NM\_181443.1| Homo sapiens BTB (POZ) domain containing 3 (BTBD3), transcript variant 1A;

T2), mRNA; gi|31317240|ref|NM\_181309.1| Homo sapiens interleukin 22 receptor, alpha 2 (IL22RA2), transcript variant 3, mRNA;

gi|31317255|ref|NM\_181332.1| Homo sapiens neuroligin 4, X-linked (NLGN4X), transcript variant 2, non-coding family M, beta member 2 (KCNMB2), transcript variant 2, mRNA; gi|31317294|ref|NM\_181361.1| Homo sapiens protein kinase, DNA-dependent, transcript variant 1, mRNA; gi|126032349|ref|NM\_001081640.1| Homo sapiens protein kinase, DNA-dependent, transcript variant 1, mRNA;

antitrypsin), member 12 (SERPINA12), mRNA;

3 (LDLRAD3), mRNA; CTD13), mRNA; TB8OS), mRNA;

L3), mRNA;

L1), mRNA; NA;

L), mRNA; TM4), transcript variant 1, mRNA; gi|82546839|ref|NM\_181521.2| Homo sapiens CKLF-like MARVEL transmembrane protein 4 (CKLF-like MARVEL transmembrane protein 4), transcript variant 1, mRNA;

CNG1), mRNA; CNG2), mRNA; CNG4), mRNA; CNG5), mRNA; CNG7), mRNA; CNG8), mRNA; Mitochondrial protein, transcript variant 1, mRNA; gi|313482789|ref|NM\_194436.2| Homo sapiens lactate dehydrogenase, mitochondrial, transcript variant 1, mRNA; gi|313482791|ref|NM\_001199279.1| Homo sapiens cholinergic receptor, nicotinic, alpha 5, transcript variant 1, mRNA;

gi|20302152|ref|NM\_005329.2| Homo sapiens hyaluronan synthase 3 (HAS3), transcript variant 1, mRNA;

transcript variant 2, mRNA; gi|313482804|ref|NM\_013258.4| Homo sapiens PYD and CARD domain containing (PYCARD), transcript variant 1, mRNA; gi|313151208|ref|NM\_000414.3| Homo sapiens hydroxysteroid (17-beta)

transcript variant 3, mRNA; gi|313482850|ref|NR\_037615.1| Homo sapiens CCR4-NOT transcription complex subunit 1, mRNA; gi|313482833|ref|NM\_001199319.1| Homo sapiens peroxisomal biogenesis factor 26 (PEX2), mRNA; gi|313482847|ref|NM\_001199322.1| Homo sapiens muted homolog (mouse) (MUTED), transcript variant 1, mRNA; gi|313482855|ref|NM\_001145549.2| Homo sapiens thioredoxin domain-containing protein 1 (TXNDC5), transcript variant 2, mRNA; gi|181050.2| Homo sapiens axin 1 (AXIN1), transcript variant 2, mRNA;

(KCNK3), mRNA;

(TXNDC5), non-coding RNA;

transcript variant 2, mRNA; gi|313569862|ref|NM\_001100117.2| Homo sapiens regulating synaptic membrane protein 1 (RIMS1), mRNA;

protein A (avian) (MAFA), mRNA;

2 (DNTTIP2), mRNA;

mRNA; gi|313569777|ref|NM\_001199345.1| Homo sapiens ribosomal protein L17 (RPL17), transcript variant 1, mRNA; gi|313569779|ref|NM\_003838.3| Homo sapiens fucose-1-phosphate guanylyltransferase 1 (FUT1), transcript variant 1, mRNA; gi|313569784|ref|NM\_001035005.3| Homo sapiens chromosome 18 open reading frame 135 (LOC101928135), transcript variant 1, mRNA; gi|313569798|ref|NM\_001085428.2| Homo sapiens arylsulfatase A (ARSA), transcript variant 5, mRNA; gi|313569821|ref|NM\_001199355.1| Homo sapiens RPL17-C18orf32 readthrough transcript 2 (CMTM2), transcript variant 2, mRNA; gi|31563435|ref|NM\_144673.2| Homo sapiens CKLF-like MARVEL domain-containing protein 3 (CKLF3), transcript variant 1, mRNA; gi|313569870|ref|NR\_037619.1| Homo sapiens CKLF-like MARVEL domain-containing protein 4 (CKLF4), transcript variant 1, mRNA; gi|313569853|ref|NM\_001199324.1| Homo sapiens zinc finger protein 615 (ZNF615), transcript variant 2, mRNA; gi|313569859|ref|NM\_001112808.2| Homo sapiens FPGT-TNNI3K readthrough (FPGT-TNNI3K-RT), transcript variant 1, mRNA; gi|313661354|ref|NR\_037620.1| Homo sapiens origin recognition complex, subunit 6 (ORC6), mRNA; gi|313661389|ref|NM\_001199380.1| Homo sapiens ring finger protein 145 (RNF145), transcript variant 2, transcript variant 5, mRNA; gi|207113193|ref|NM\_001431.3| Homo sapiens erythrocyte membrane protein 1 (EPR1), transcript variant 2, mRNA; gi|313661433|ref|NM\_001199400.1| Homo sapiens NIMA (never in mitosis gene 2) (NIMA2), transcript variant 2, mRNA; gi|313661479|ref|NM\_145725.2| Homo sapiens TNF receptor-associated factor 3 (TRAF3), transcript variant 2, mRNA; gi|313661484|ref|NM\_133329.5| Homo sapiens potassium voltage-gated channel subunit 4 (KCNK4), transcript variant 2, mRNA; gi|313661500|ref|NM\_016101.4| Homo sapiens nuclear import 7 homolog (S. cerevisiae) (KCNK4), mRNA;

(KCNK5), mRNA;

, mRNA; gi|313747415|ref|NM\_001113182.2| Homo sapiens bromodomain containing 2 (BRD2), transcript variant 1, non-coding RNA;

homolog (yeast) pseudogene (LOC100288570), non-coding RNA;  
 transcript variant 2, mRNA; gi|313760525|ref|NM\_001199469.1| Homo sapiens ISY1 splicing factor homolog (SY1), transcript variant 2, mRNA; gi|338222099|ref|NR\_040007.1| Homo sapiens cleft lip and palate 1, mRNA; gi|313747442|ref|NR\_037628.1| Homo sapiens zinc finger, SWIM-type containing 3 (ZNF193), transcript variant 1 (GBF1), transcript variant 1, mRNA; gi|313747583|ref|NM\_001199379.1| Homo sapiens golgi body 1, transcript variant 2, mRNA; gi|313747513|ref|NM\_001199510.1| Homo sapiens natural cytotoxicity trigger factor 1, transcript variant 3, mRNA; gi|313747515|ref|NM\_021809.6| Homo sapiens TGFB-induced factor homeobox 2 (TGFBIF2), mRNA; gi|338753360|ref|NM\_001199528.2| Homo sapiens uromodulin-like 1 (UMODL1), transcript variant 1, transcript variant 4, mRNA; gi|313747550|ref|NM\_018840.4| Homo sapiens chromosome 20 open reading frame 1 (ORF1), transcript variant 2, mRNA; gi|313747578|ref|NM\_015162.4| Homo sapiens acyl-CoA synthetase 1 (ACSL1), transcript variant 2, mRNA; gi|313760534|ref|NM\_014456.4| Homo sapiens programmed cell death 4 (PDCD4), transcript variant 2, mRNA; gi|313760553|ref|NM\_177974.2| Homo sapiens cancer susceptibility candidate 4 (CASC4), mRNA; gi|313760595|ref|NM\_001199563.1| Homo sapiens blood vessel epicardial substance (BVE1), transcript variant 1, mRNA; gi|313760600|ref|NM\_033107.3| Homo sapiens GTP-binding protein 10 (putative) (GTPBP10), non-coding RNA;  
 ORF56B1), mRNA;  
 ORF56B1), mRNA;  
 transcript variant 2, mRNA; gi|313760627|ref|NM\_006074.4| Homo sapiens tripartite motif containing 22 (TRIM22), transcript variant 1, mRNA;  
 ORF56B1), mRNA;  
 transcript variant 3, mRNA; gi|313760642|ref|NM\_001199579.1| Homo sapiens Sad1 and UNC84 domain containing 1 (SAD1), transcript variant 1, mRNA; gi|313760648|ref|NM\_147188.2| Homo sapiens F-box protein 22 (FBXO22), transcript variant 1, mRNA; gi|313760654|ref|NM\_020804.3| Homo sapiens protein kinase 1 (PACIN1), transcript variant 2, mRNA; gi|313760675|ref|NM\_052936.3| Homo sapiens ATG4 autophagy related 4 (ATG4), transcript variant 2, mRNA; gi|313760680|ref|NR\_037632.1| Homo sapiens c-myc binding protein (MYCBP), transcript variant 2, mRNA; gi|313760689|ref|NR\_037633.1| Homo sapiens GJA9-MYCBP readthrough (GJA9-MYCBP-RT), non-coding RNA;  
 mitochondrial protein, mRNA;  
 C3L), mRNA;  
 HDHD3), mRNA;  
 D3), mRNA;

JA;

), mRNA;  
like) (GPR37), mRNA;

ant 4, mRNA; gi|313850980|ref|NM\_001199622.1| Homo sapiens nuclear receptor coactivator 7 (NCO

ript variant 1, mRNA; gi|313851089|ref|NM\_001199552.1| Homo sapiens cell death-inducing DFFA-like  
muscle (MYL6B), transcript variant 1, mRNA; gi|313850999|ref|NM\_002475.4| Homo sapiens myosin, li  
, mRNA; gi|313851172|ref|NM\_001199462.1| Homo sapiens programmed cell death 2 (PDCD2), transc  
nsporter), member 3 (SLC28A3), transcript variant 1, mRNA; gi|313851012|ref|NM\_022127.2| Homo s  
rt 1, non-coding RNA; gi|313851015|ref|NR\_037641.1| Homo sapiens HEATR8-TTC4 readthrough (HEA  
eceptor type I (ADCYAP1R1), transcript variant 1, mRNA; gi|313851019|ref|NM\_001199636.1| Homo s:  
3851028|ref|NM\_033439.3| Homo sapiens interleukin 33 (IL33), transcript variant 1, mRNA; gi|314122  
it 3, mRNA; gi|313851042|ref|NM\_005607.4| Homo sapiens PTK2 protein tyrosine kinase 2 (PTK2), tra  
, mRNA; gi|313851052|ref|NM\_001199653.1| Homo sapiens polyamine-modulated factor 1 (PMF1), tr  
VA;

ariant 4, mRNA; gi|314122170|ref|NM\_001199662.1| Homo sapiens PMF1-BGLAP readthrough (PMF1-

0613|ref|NM\_001185072.2| Homo sapiens claudin 12 (CLDN12), transcript variant 1, mRNA; gi|313760  
transcript variant 1, mRNA; gi|313851095|ref|NM\_015526.2| Homo sapiens CAP-GLY domain containing

A; gi|313851101|ref|NM\_145866.1| Homo sapiens frizzled family receptor 3 (FZD3), transcript variant

A; gi|314122160|ref|NM\_183357.2| Homo sapiens adenylate cyclase 5 (ADCY5), transcript variant 1, m  
e (MYL6), transcript variant 2, mRNA; gi|314122163|ref|NM\_021019.4| Homo sapiens myosin, light ch  
2 (LETM2), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|314122166|ref  
22176|ref|NM\_001199671.1| Homo sapiens calumenin (CALU), transcript variant 3, mRNA; gi|3141221  
RNA;

ythrocyte membrane protein band 3-like 1) (SLC4A2), transcript variant 2, mRNA; gi|314122221|ref|NM  
RNA; gi|149158689|ref|NM\_080686.2| Homo sapiens proline-rich coiled-coil 2A (PRRC2A), transcript v  
omal V0 subunit A3 (TCIRG1), transcript variant 2, mRNA; gi|314122259|ref|NM\_006019.3| Homo sapi  
;

5013529|ref|NM\_014564.3| Homo sapiens LIM homeobox 3 (LHX3), transcript variant 2, mRNA;  
ng RNA;

;  
A;

: variant 1, mRNA; gi|315013541|ref|NM\_001199723.1| Homo sapiens cellular retinoic acid binding prc

t 1, mRNA; gi|315013569|ref|NM\_202758.3| Homo sapiens enolase superfamily member 1 (ENOSF1),



ng RNA;  
 A1), mRNA;  
 77|ref|NM\_148964.2| Homo sapiens cathepsin E (CTSE), transcript variant 2, mRNA;  
 ne encoding mitochondrial protein, mRNA;  
 rscript variant 1, mRNA; gi|315013587|ref|NM\_001144012.2| Homo sapiens thioredoxin-related trans  
 ALGAPA2), mRNA;  
 NND1), non-coding RNA;  
  
 15075281|ref|NM\_147777.3| Homo sapiens sorting nexin 15 (SNX15), transcript variant B, mRNA;  
  
 C11orf52), non-coding RNA;  
 NA;  
  
 10|ref|NM\_001199739.1| Homo sapiens cathepsin S (CTSS), transcript variant 2, mRNA;  
 315075318|ref|NM\_058241.2| Homo sapiens cyclin T2 (CCNT2), transcript variant b, mRNA; gi|315075  
 045A), transcript variant 3, mRNA; gi|315075321|ref|NM\_001924.3| Homo sapiens growth arrest and I  
 gi|315075328|ref|NM\_030754.4| Homo sapiens serum amyloid A2 (SAA2), transcript variant 1, mRNA;  
  
 075270|ref|NM\_001199747.1| Homo sapiens homeobox D8 (HOXD8), transcript variant 3, mRNA; gi|3  
 2, mRNA; gi|315075336|ref|NM\_001667.3| Homo sapiens ADP-ribosylation factor-like 2 (ARL2), trans  
 rscript variant 3, mRNA; gi|315113846|ref|NM\_014110.4| Homo sapiens protein phosphatase 1, regula  
 nt 1, mRNA; gi|315113855|ref|NM\_138938.2| Homo sapiens regenerating islet-derived 3 alpha (REG3  
 5A), transcript variant 1, mRNA; gi|315113859|ref|NM\_001199756.1| Homo sapiens protein phosphat  
 , non-coding RNA; gi|315113863|ref|NM\_001199757.1| Homo sapiens suppressor of tumorigenicity 20  
  
 ydrofolate cyclo-ligase) (MTHFS), transcript variant 3, non-coding RNA; gi|315113867|ref|NM\_0011997  
 RNA; gi|315113876|ref|NM\_004113.5| Homo sapiens fibroblast growth factor 12 (FGF12), transcript v  
 rscript variant 1, mRNA; gi|315113877|ref|NM\_001199763.1| Homo sapiens protein tyrosine phosph  
 DP2), mRNA;  
 .OC1S1), transcript variant 3, non-coding RNA; gi|315113897|ref|NR\_037655.1| Homo sapiens biogene  
 , mRNA; gi|315113904|ref|NM\_014562.3| Homo sapiens orthodenticle homeobox 1 (OTX1), transcript  
 ot variant 1, mRNA; gi|197927093|ref|NM\_002905.3| Homo sapiens retinol dehydrogenase 5 (11-cis/9  
 RNA;  
 ript variant 1, mRNA; gi|315113910|ref|NM\_001199699.1| Homo sapiens DEAH (Asp-Glu-Ala-His) box  
 ED1), transcript variant 3, non-coding RNA; gi|315113914|ref|NR\_037648.1| Homo sapiens FAD-deper  
 ate (HGS), mRNA;  
 PSMA5), transcript variant 1, mRNA; gi|315138980|ref|NM\_001199772.1| Homo sapiens proteasome  
 gi|315138988|ref|NM\_001304.4| Homo sapiens carboxypeptidase D (CPD), transcript variant 1, mRNA  
 1B), transcript variant 4, non-coding RNA; gi|315138996|ref|NR\_037659.1| Homo sapiens POC1 centri  
 mRNA;  
 galactosaminyltransferase 4 (GalNAc-T4) (GALNT4), mRNA;  
 2 (PSMB2), transcript variant 2, mRNA; gi|315139001|ref|NM\_002794.4| Homo sapiens proteasome (p  
 nt 2, mRNA; gi|315139017|ref|NM\_000801.4| Homo sapiens FK506 binding protein 1A, 12kDa (FKBP1  
 (ABCB6), nuclear gene encoding mitochondrial protein, mRNA;  
 -SDCBP2), non-coding RNA;

oprotein) (MPHOSPH10), mRNA;  
39025|ref|NM\_025142.1| Homo sapiens TAO kinase 1 (TAOK1), transcript variant 2, mRNA;  
variant 1, mRNA; gi|315139028|ref|NM\_001199787.1| Homo sapiens solute carrier family 35, member  
RNA;  
variant 3, mRNA; gi|315221114|ref|NM\_001136052.2| Homo sapiens carnitine palmitoyltransferase 1C  
ipt variant 1, mRNA; gi|315139009|ref|NM\_001199782.1| Homo sapiens POC1B-GALNT4 readthrough  
variant 2, mRNA; gi|315139013|ref|NM\_001199784.1| Homo sapiens syndecan binding protein (synte  
1), mRNA;  
, transcript variant 2, mRNA; gi|315221144|ref|NR\_037663.1| Homo sapiens protein tyrosine phosphatase  
ant 2, mRNA; gi|315221147|ref|NM\_002927.4| Homo sapiens regulator of G-protein signaling 13 (RGS  
ent) (RNASEL), mRNA;  
RNA; gi|315221150|ref|NM\_000975.3| Homo sapiens ribosomal protein L11 (RPL11), transcript variant  
ng RNA;

RNA; gi|315221124|ref|NM\_024322.2| Homo sapiens centromere protein O (CENPO), transcript varian

50), mRNA;  
OR1), transcript variant 1, mRNA; gi|315259076|ref|NM\_175924.3| Homo sapiens immunoglobulin-like  
t 2, mRNA; gi|315283202|ref|NM\_001199812.1| Homo sapiens integrator complex subunit 7 (INTS7), t  
sferase homolog (yeast) (ALG11), transcript variant B, non-coding RNA; gi|304434671|ref|NM\_001004

nRNA;  
FRSF9), mRNA;

variant 1, mRNA; gi|315259108|ref|NM\_001199822.1| Homo sapiens magnesium-dependent phosphatase

5, non-coding RNA; gi|315360619|ref|NM\_001199816.1| Homo sapiens gamma-glutamylcyclotransferase  
2 (GPRASP2), transcript variant 4, mRNA; gi|315360625|ref|NM\_001184874.2| Homo sapiens G protein  
nt 1, mRNA; gi|315360633|ref|NM\_005987.3| Homo sapiens small proline-rich protein 1A (SPRR1A), tr

FRSF4), mRNA;  
, mRNA;

360644|ref|NM\_001199830.1| Homo sapiens heparanase (HPSE), transcript variant 4, mRNA; gi|31536  
lear gene encoding mitochondrial protein, mRNA;  
NA; gi|315360659|ref|NM\_001199835.1| Homo sapiens sorting nexin 10 (SNX10), transcript variant 1,  
5360669|ref|NM\_004050.4| Homo sapiens BCL2-like 2 (BCL2L2), transcript variant 1, mRNA;  
t variant 2, mRNA; gi|315360676|ref|NM\_016116.2| Homo sapiens ankyrin repeat and SOCS box cont  
;

!R3C), mRNA;

;

nuclear gene encoding mitochondrial protein, mRNA;

mRNA;

variant 2, mRNA; gi|170671717|ref|NM\_001122779.1| Homo sapiens family with sequence similarity 1 (1), mRNA;  
A;

A), mRNA;

mRNA;

g protein 1 (GADD45GIP1), mRNA;

variant 3, mRNA; gi|315434190|ref|NM\_021722.4| Homo sapiens ADAM metallopeptidase domain 22  
script variant 2, mRNA; gi|315434203|ref|NM\_001199847.1| Homo sapiens SMAD specific E3 ubiquitin  
variant 2, mRNA; gi|315434206|ref|NM\_001122951.2| Homo sapiens Duffy blood group, chemokine r  
, mRNA; gi|315434210|ref|NM\_033657.2| Homo sapiens death associated protein 3 (DAP3), nuclear ge  
drial protein, transcript variant 1, mRNA; gi|315434228|ref|NM\_001199856.1| Homo sapiens adenylat  
15434233|ref|NM\_001190899.2| Homo sapiens prodynorphin (PDYN), transcript variant 4, mRNA; gi|3

mily, beta member 2 (KCNA2), transcript variant 4, mRNA; gi|315434248|ref|NM\_001199862.1| Hom

tochondrial protein, mRNA;

;

1, mRNA; gi|315434257|ref|NM\_024704.4| Homo sapiens kinesin family member 16B (KIF16B), transc  
nt 1, mRNA; gi|315434266|ref|NM\_001199829.1| Homo sapiens HORMA domain containing 1 (HORMA  
variant 3, mRNA; gi|315434269|ref|NM\_001078.3| Homo sapiens vascular cell adhesion molecule 1 (VCAM  
g mitochondrial protein, mRNA;

83|ref|NM\_001144831.1| Homo sapiens prohibitin 2 (PHB2), transcript variant 1, mRNA;

5), mRNA;

467837|ref|NM\_001199868.1| Homo sapiens glutaredoxin 3 (GLRX3), transcript variant 1, mRNA;

peptide 3 (B4GALT3), transcript variant 2, mRNA; gi|315467843|ref|NM\_001199874.1| Homo sapiens U  
7847|ref|NM\_013371.3| Homo sapiens interleukin 19 (IL19), transcript variant 2, mRNA;

, transcript variant 1, mRNA; gi|315467850|ref|NM\_031417.3| Homo sapiens MAP/microtubule affinity  
ig RNA;

67865|ref|NM\_000880.3| Homo sapiens interleukin 7 (IL7), transcript variant 1, mRNA; gi|315467868|  
RNA; gi|315467853|ref|NM\_001199880.1| Homo sapiens early growth response 3 (EGR3), transcript v

;  
transcript variant 2, mRNA; gi|315467862|ref|NM\_016400.3| Homo sapiens chromosome 15 open reading  
frame RNA; gi|315468526|ref|NM\_001199877.1| Homo sapiens small EDRK-rich factor 2 (SERF2), transcript

: 2, mRNA; gi|315468044|ref|NM\_015590.3| Homo sapiens G patch domain containing 4 (GPATCH4), tr

NA;

er 5 (LAMP5), transcript variant 2, mRNA; gi|315570277|ref|NM\_012261.3| Homo sapiens lysosomal-  
associated phospholipase 5 (LAMP5), transcript variant 2, mRNA;

NA;

A; gi|333609238|ref|NM\_178511.5| Homo sapiens proline rich 24 (PRR24), transcript variant 1, mRNA;  
, non-coding RNA;

transcript variant 2, mRNA; gi|315630392|ref|NM\_001199900.1| Homo sapiens pyruvate dehydrogenase  
non-coding RNA;

ant 3, mRNA; gi|31563331|ref|NM\_007200.3| Homo sapiens A kinase (PRKA) anchor protein 13 (AKAP1  
transcript variant 4, mRNA; gi|31563381|ref|NM\_002212.2| Homo sapiens eukaryotic translation initiation factor 6

transcript variant 2, mRNA; gi|31563387|ref|NM\_004605.2| Homo sapiens sulfotransferase family, cytochrome  
transcript variant 2, mRNA; gi|31563504|ref|NM\_015339.2| Homo sapiens activity-dependent neuroprotec

ger), member 3 (SLC24A3), mRNA;

variant 1, mRNA; gi|31563535|ref|NM\_002914.3| Homo sapiens replication factor C (activator 1) 2, 40

variant 1, mRNA; gi|31563540|ref|NM\_172131.2| Homo sapiens WAP four-disulfide core domain 10B

A; gi|315707007|ref|NM\_001199918.1| Homo sapiens phosphoglucomutase 3 (PGM3), transcript varia  
9498|ref|NM\_014454.2| Homo sapiens sestrin 1 (SESN1), transcript variant 1, mRNA; gi|315709499|re

mRNA; gi|315709508|ref|NM\_015018.3| Homo sapiens dopey family member 1 (DOPEY1), transcript  
P), mRNA;

mRNA; gi|31652219|ref|NM\_133640.3| Homo sapiens mediator complex subunit 22 (MED22), transcript variant 1, mRNA; gi|31652225|ref|NM\_181514.1| Homo sapiens T-box 5 (TBX5), transcript variant 2, mRNA; gi|31652234|ref|NM\_080718.1| Homo sapiens transcription factor 20 (AR1) (TCF20), transcript variant 1, mRNA; gi|31652243|ref|NM\_005650.1| Homo sapiens transcription factor 20 (AR1) (TCF20), transcript variant 1, mRNA;

g B (avian) (MAFB), mRNA;

(MYBL2), mRNA;

TM7), transcript variant 2, mRNA; gi|31657097|ref|NM\_138410.2| Homo sapiens CKLF-like MARVEL transmembrane protein 7 (CLM7), transcript variant 2, mRNA;

mRNA; gi|31657126|ref|NM\_007216.3| Homo sapiens Hermansky-Pudlak syndrome 5 (HPS5), transcript variant 1, mRNA;

hatase) (ITPA), transcript variant 2, mRNA; gi|31657145|ref|NM\_033453.2| Homo sapiens inosine triphosphatase 1 (ITPA), transcript variant 2, mRNA;

, 9kDa (NDUFA4), nuclear gene encoding mitochondrial protein, mRNA;

6659408|ref|NM\_001199954.1| Homo sapiens actin, gamma 1 (ACTG1), transcript variant 1, mRNA; gi|3166609

16kDa (NDUFB5), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|3166609

mRNA; gi|316983123|ref|NM\_021029.5| Homo sapiens ribosomal protein L36a (RPL36A), transcript variant 1, mRNA; gi|316983128|ref|NM\_001032393.2| Homo sapiens heterogeneous nuclear ribonucleoprotein A2 (hnRNP A2), transcript variant 1, mRNA; gi|316983131|ref|NM\_001199974.1| Homo sapiens RPL36A-HNRNP2 read 18kDa (NDUFB7), nuclear gene encoding mitochondrial protein, mRNA;

Da (NADH-coenzyme Q reductase) (NDUFS1), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;

; 6, 17kDa (NDUFB6), nuclear gene encoding mitochondrial protein, transcript variant 3, mRNA; gi|3169

008576|ref|NM\_001199951.1| Homo sapiens lysozyme-like 6 (LYZL6), transcript variant 1, mRNA;

578|ref|NR\_037687.1| Homo sapiens plexin C1 (PLXNC1), transcript variant 2, non-coding RNA;

variant 2, mRNA; gi|317008583|ref|NM\_016084.4| Homo sapiens RAS, dexamethasone-induced 1 (RASD1), transcript variant 2, mRNA;

08612|ref|NM\_024408.3| Homo sapiens notch 2 (NOTCH2), transcript variant 1, mRNA;

RNA;

NA;

RNA; gi|317108142|ref|NM\_021061.4| Homo sapiens zinc finger protein 250 (ZNF250), transcript variant 1, mRNA;

, mRNA;

SF2), mRNA;

gi|317108155|ref|NM\_000913.4| Homo sapiens opiate receptor-like 1 (OPRL1), transcript variant 2, n  
nscript variant a, mRNA; gi|62362411|ref|NM\_007313.2| Homo sapiens c-abl oncogene 1, non-recepto

, mRNA; gi|317108192|ref|NM\_001199944.1| Homo sapiens SH3-domain GRB2-like 1 (SH3GL1), transc  
2, mRNA; gi|317171903|ref|NM\_001199978.1| Homo sapiens phospholipid scramblase 2 (PLSCR2), tra  
: (LOC100286922), transcript variant 1, non-coding RNA; gi|317171915|ref|NR\_037696.1| Homo sapier

3 (avian) (ERBB3), transcript variant 1, mRNA; gi|54792101|ref|NM\_001005915.1| Homo sapiens v-erb-  
activation protein, beta polypeptide (YWHAB), transcript variant 2, mRNA; gi|31742479|ref|NM\_003404  
cript variant 2, mRNA; gi|321117521|ref|NM\_001202438.1| Homo sapiens chromosome 10 open read  
A;

L2), mRNA;

gi|31742506|ref|NM\_003364.2| Homo sapiens uridine phosphorylase 1 (UPP1), transcript variant 1, n

3), mRNA;

er 4 (SLC13A4), mRNA;

nt 3, mRNA; gi|156071500|ref|NM\_005977.3| Homo sapiens ring finger protein (C3H2C3 type) 6 (RNF6  
mRNA; gi|318037202|ref|NM\_001201325.1| Homo sapiens PDZ domain containing 1 (PDZK1), transcri  
ranscript variant 2, mRNA; gi|318037217|ref|NM\_001201329.1| Homo sapiens protein phosphatase 1,

riant 1, mRNA; gi|318037385|ref|NM\_001200016.1| Homo sapiens N-acetyltransferase 6 (GCN5-relate  
mRNA; gi|318037450|ref|NM\_001200030.1| Homo sapiens hyaluronoglucosaminidase 3 (HYAL3), tran

nsript variant 1, mRNA; gi|319803019|ref|NM\_001201428.1| Homo sapiens golgi reassembly stacking  
A;

IA;  
) , mRNA;

CTD7), transcript variant 1, mRNA; gi|319803086|ref|NM\_001167961.2| Homo sapiens potassium channel A; gi|319803088|ref|NM\_207111.3| Homo sapiens ring finger protein 216 (RNF216), transcript variant 1, mRNA; gi|319803094|ref|NM\_001201450.1| Homo sapiens putative uncharacterized protein 1, mRNA; gi|319803106|ref|NM\_173161.2| Homo sapiens interleukin 1 family, member 10 (IL1F10); gi|319803118|ref|NM\_198393.3| Homo sapiens testis expressed 14 (TEX14), transcript variant 1, mRNA; gi|319803129|ref|NM\_001005367.2| Homo sapiens tweety homolog 1 (Drosophila) (TTYH1), transcript variant 3, mRNA;

cript variant 2, mRNA; gi|319890244|ref|NM\_031916.4| Homo sapiens rhophilin associated tail protein

l), member 7 (KCNH7), transcript variant 1, mRNA; gi|319918833|ref|NM\_173162.2| Homo sapiens pol  
t variant 3, mRNA; gi|319918839|ref|NM\_001201465.1| Homo sapiens neuropilin (NRP) and tolloid (TL  
e), member 20 (SLC25A20), nuclear gene encoding mitochondrial protein, mRNA;

356|ref|NM\_001201473.1| Homo sapiens coronin 7 (CORO7), transcript variant 3, mRNA; gi|31991885|ref|NM\_001201475.1| Homo sapiens chromosome 18 open reading frame 1 (PAM16), nuclear gene encoding mitochondrial protein, mRNA; gi|40549457|ref|NM\_181519.2| Homo sapiens synaptotagmin XV (SYT15), transcript variant b, mRNA; gi|56699484|ref|NM\_006893.2| Homo sapiens eukaryotic translation initiation factor 4E, mRNA.

IGO), transcript variant 1, mRNA; gi|319918880|ref|NM\_152850.3| Homo sapiens phosphatidylinositol

polymerase I, A, 48kDa (TAF1A), transcript variant 3, mRNA; gi|319996597|ref|NM\_139352.2| Homo sapiens  
96605|ref|NM\_001201539.1| Homo sapiens arylsulfatase F (ARSF), transcript variant 3, mRNA; gi|319996616|ref|NM\_032627.4| Homo sapiens single stranded DNA binding protein 2, mRNA; gi|47933338|ref|NM\_022768.4| Homo sapiens RNA binding motif protein 15 (RBM15), transcript variant 4, mRNA; gi|319996635|ref|NM\_198268.2| Homo sapiens homeodomain interacting protein 5 (SLC16A4), transcript variant 5, mRNA; gi|319996631|ref|NM\_001201547.1| Homo sapiens small nuclear RNA;

tein ligase (RFFL), transcript variant 1, non-coding RNA; gi|62865648|ref|NM\_001017368.1| Homo sapiens  
cript variant 2, mRNA; gi|319996650|ref|NM\_018092.4| Homo sapiens neuropilin (NRP) and tolloid (TL  
gi|319996653|ref|NM\_001428.3| Homo sapiens enolase 1, (alpha) (ENO1), transcript variant 1, mRNA;  
t 1, mRNA; gi|319996736|ref|NM\_001201481.1| Homo sapiens oxysterol binding protein-like 6 (OSBPL  
;  
, transcript variant 3, non-coding RNA; gi|187936945|ref|NM\_032180.2| Homo sapiens family with seq  
y; gi|320089542|ref|NM\_001893.4| Homo sapiens casein kinase 1, delta (CSNK1D), transcript variant 1,  
JA;  
oding RNA; gi|320089578|ref|NR\_037716.1| Homo sapiens ribonuclease, RNase K (RNASEK), transcript



inscript variant 1, mRNA; gi|320089585|ref|NM\_001142799.2| Homo sapiens chromosome 17 open re  
 number 3 (KCND3), transcript variant 2, mRNA; gi|320089593|ref|NM\_004980.4| Homo sapiens potas  
 sium channel domain containing RNA;  
 mRNA; gi|320089599|ref|NM\_001005786.2| Homo sapiens deleted in azoospermia 2 (DAZ2), transcript  
 variant 1, mRNA; gi|320118855|ref|NM\_001201553.1| Homo sapiens zinc finger protein 821 (ZNF821), transcript vari  
 ant 1, mRNA; gi|320118864|ref|NM\_001201564.1| Homo sapiens pleiotropic regulator 1 (PLRG1), transcript varian  
 t 2, mRNA; gi|320118867|ref|NM\_001042472.2| Homo sapiens abhydrolase domain containing 12  
 variant 3, mRNA; gi|320118880|ref|NM\_001201573.1| Homo sapiens nucleotide binding protein-like (NUE  
 1 (EFEMP1), transcript variant 3, mRNA; gi|320118885|ref|NM\_001039348.2| Homo sapiens EGF conta  
 ining domain 8888|ref|NM\_133181.3| Homo sapiens EPS8-like 3 (EPS8L3), transcript variant 2, mRNA; gi|320118889  
 ;  
 0118899|ref|NM\_001333.3| Homo sapiens cathepsin L2 (CTSL2), transcript variant 1, mRNA;  
 EFEMP2), transcript variant 1, mRNA; gi|320118909|ref|NR\_037718.1| Homo sapiens EGF containing fib  
 rinogen binding domain 0118914|ref|NM\_174858.2| Homo sapiens adenylate kinase 5 (AK5), transcript variant 1, mRNA;  
 C), transcript variant 1, mRNA; gi|320118919|ref|NM\_178221.2| Homo sapiens ATG4 autophagy relate  
 d domain mRNA; gi|320118921|ref|NM\_001201576.1| Homo sapiens phospholipid scramblase 3 (PLSCR3), transc  
 ribing RNA;  
 transcript variant 2, mRNA; gi|320118929|ref|NM\_002594.3| Homo sapiens proprotein convertase sub  
 unit 2 (SEC22C), transcript variant 2, mRNA; gi|320202944|ref|NM\_001201584.1| Homo sapiens SEC22 vesicl  
 e trafficking domain transcript variant 3, mRNA; gi|320202943|ref|NM\_001012428.2| Homo sapiens ankyrin repeat and SOCS  
 box domain transcript variant 1, mRNA; gi|320202948|ref|NM\_145863.2| Homo sapiens ankyrin repeat and SOCS box cont  
 aining domain, transcript variant 1, mRNA; gi|320202955|ref|NM\_001202233.1| Homo sapiens nuclear receptor subf  
 amily 1 transcript variant 2, mRNA; gi|320202959|ref|NM\_017873.3| Homo sapiens ankyrin repeat and SOCS box cont  
 aining domain A1), transcript variant 2, mRNA; gi|319655560|ref|NM\_001201377.1| Homo sapiens aldehyde dehydrog  
 enase (MAGOH), mRNA;  
 mRNA; gi|320202983|ref|NM\_001202411.1| Homo sapiens zinc finger protein 559 (ZNF559), transcript  
 variant 2, mRNA; gi|320461695|ref|NM\_001202425.1| Homo sapiens ZNF559-ZNF177 readthrough  
 transcript |320461538|ref|NM\_001202450.1| Homo sapiens adenosine kinase (ADK), transcript variant 4, mRNA;  
  
 mRNA; gi|320461555|ref|NM\_001202457.1| Homo sapiens zinc finger protein 816 (ZNF816), transcript  
 variant 1 (AKR1A1), transcript variant 2, mRNA; gi|320202985|ref|NM\_001202414.1| Homo sapiens aldo-k  
 etoreductase;  
 0461703|ref|NM\_004041.4| Homo sapiens arrestin, beta 1 (ARRB1), transcript variant 1, mRNA;  
 0461710|ref|NM\_001202431.1| Homo sapiens peroxiredoxin 1 (PRDX1), transcript variant 4, mRNA; gi  
 320461710|ref|NM\_001202431.1| Homo sapiens peroxiredoxin 1 (PRDX1), transcript variant 4, mRNA; gi  
 320461710|ref|NM\_001202431.1| Homo sapiens peroxiredoxin 1 (PRDX1), transcript variant 4, mRNA; gi  
 320461710|ref|NM\_001202431.1| Homo sapiens peroxiredoxin 1 (PRDX1), transcript variant 4, mRNA;  
 RNA;  
  
 1), mRNA;  
 transcript variant 4, mRNA; gi|321117008|ref|NM\_006624.5| Homo sapiens zinc finger, MYND-type contain  
 ing domain 1A;  
 1A; gi|160358783|ref|NM\_000926.4| Homo sapiens progesterone receptor (PGR), transcript variant 2,  
 transcript variant 1, mRNA; gi|321117256|ref|NM\_001202483.1| Homo sapiens corticotropin releasing hor  
 mone receptor 1, mRNA; gi|321117184|ref|NM\_001202476.1| Homo sapiens ubiquitin-conjugating enzyme E2E  
 1;  
 variant 2, mRNA; gi|321117276|ref|NM\_003343.5| Homo sapiens ubiquitin-conjugating enzyme E2G 2  
 ; transcript variant 1, mRNA; gi|321117512|ref|NM\_016150.4| Homo sapiens ankyrin repeat and SOCS box c  
 ontaining domain 2, mRNA; gi|321267472|ref|NM\_001201340.1| Homo sapiens scaffold attachment factor B (SAFB), tra

encoding mitochondrial protein, transcript variant 2, mRNA; gi|321267475|ref|NM\_001483.2| Homo sapiens  
variant 3, mRNA; gi|321267498|ref|NM\_182697.2| Homo sapiens ubiquitin-conjugating enzyme E2H (l  
ant 1, mRNA; gi|321267510|ref|NM\_001202502.1| Homo sapiens nipsnap homolog 1 (C. elegans) (NIP  
ptide A) phosphatase, subunit 1 (CTDP1), transcript variant 1, mRNA; gi|321267521|ref|NM\_00120250  
1A;

script variant 3, mRNA; gi|321267566|ref|NM\_001202516.1| Homo sapiens CASP8 and FADD-like apop  
; gi|321267599|ref|NM\_001199922.1| Homo sapiens sialic acid acetyltransferase (SIAE), transcript varian  
3, mRNA; gi|320089549|ref|NM\_001201551.1| Homo sapiens complement factor H-related 4 (CFHR4)

RNA;

TM5), transcript variant 1, mRNA; gi|82546840|ref|NM\_001037288.1| Homo sapiens CKLF-like MARVI  
TM6), mRNA;

TM8), mRNA;

non-coding RNA; gi|321400046|ref|NM\_007190.3| Homo sapiens SEC23 interacting protein (SEC23IP), tr  
2, mRNA; gi|321400052|ref|NM\_001202514.1| Homo sapiens MAX dimerization protein 1 (MXD1), tra  
gi|321400109|ref|NM\_001913.3| Homo sapiens cut-like homeobox 1 (CUX1), transcript variant 2, mRNA/  
A; gi|321400125|ref|NM\_001202550.1| Homo sapiens WD repeat domain 27 (WDR27), transcript varia

1, mRNA; gi|321400131|ref|NM\_006533.3| Homo sapiens melanoma inhibitory activity (MIA), transcrip

variant 2, mRNA; gi|321400145|ref|NM\_001202559.1| Homo sapiens CHURC1-FNTB readthrough (CHI

3, mRNA; gi|321400154|ref|NM\_053046.3| Homo sapiens egl nine homolog 2 (C. elegans) (EGLN2), tr  
A;

t 3, mRNA; gi|221316613|ref|NM\_004425.3| Homo sapiens extracellular matrix protein 1 (ECM1), tran  
3 (NUDT3), mRNA;

brane domain (TM) and short cytoplasmic domain, (semaphorin) 4G (SEMA4G), transcript variant 2, mR

; gi|323276699|ref|NM\_001204091.1| Homo sapiens ribosomal protein S10 (RPS10), transcript variant  
oding RNA; gi|322303303|ref|NM\_145233.3| Homo sapiens zinc finger protein 625 (ZNF625), transcrip  
gi|322303717|ref|NM\_001203250.1| Homo sapiens zinc finger protein 20 (ZNF20), transcript variant 2  
NA;

1 motif) 1 (STAM), transcript variant 2, non-coding RNA; gi|322309179|ref|NM\_003473.3| Homo sapien  
/ (PIGV), transcript variant 1, mRNA; gi|322309841|ref|NM\_017837.3| Homo sapiens phosphatidylinos

ot variant 2, mRNA; gi|322506098|ref|NM\_001203248.1| Homo sapiens enhancer of zeste homolog 2 (

isense RNA;

RNA;  
DPR), mRNA;  
, mRNA;  
ariant 2, mRNA; gi|322812159|ref|NM\_003927.4| Homo sapiens methyl-CpG binding domain protein 2  
RNA;  
-coding RNA; gi|322812165|ref|NM\_153461.3| Homo sapiens interleukin 17 receptor C (IL17RC), trans  
;  
t variant 5, mRNA; gi|322812180|ref|NM\_138277.2| Homo sapiens chromosome 6 open reading frame  
P3A4), transcript variant 1, mRNA; gi|322960937|ref|NM\_001202855.2| Homo sapiens cytochrome P4

5|ref|NM\_181689.1| Homo sapiens neuronatin (NNAT), transcript variant 2, mRNA;  
:1), transcript variant 1, mRNA; gi|32307141|ref|NM\_181671.1| Homo sapiens phosphatidylinositol tra

tion receptor 1 (KDEL1), mRNA;

ID2), nuclear gene encoding mitochondrial protein, mRNA;  
: 1, mRNA; gi|323098323|ref|NM\_001201359.1| Homo sapiens chemokine (C-C motif) ligand 25 (CCL25  
8327|ref|NM\_000585.4| Homo sapiens interleukin 15 (IL15), transcript variant 3, mRNA; gi|340745342  
ar gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|323098330|ref|NM\_004277.4|  
, mRNA; gi|222831606|ref|NM\_001145055.1| Homo sapiens interleukin 18 binding protein (IL18BP), t  
ng RNA;  
P39A1), mRNA;  
nRNA; gi|323146903|ref|NM\_020420.3| Homo sapiens deleted in azoospermia 4 (DAZ4), transcript vai

script variant 2, mRNA; gi|322812162|ref|NM\_001203262.1| Homo sapiens NDUFC2-KCTD14 readthro  
tisense RNA;

;  
RNA;  
on-coding RNA;  
nown, 2, 14.5kDa (NDUFC2), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; g  
ng RNA;

;  
1, mRNA; gi|323276623|ref|NM\_001204064.1| Homo sapiens churchill domain containing 1 (CHURC1)  
, PCD1), non-coding RNA;  
.B (ANKS1B), transcript variant 2, mRNA; gi|323276637|ref|NM\_001204070.1| Homo sapiens ankyrin re  
ng RNA;

nscript variant 1, mRNA; gi|323276650|ref|NM\_001204076.1| Homo sapiens katanin p60 (ATPase cont  
G2 (ATP6V1G2), transcript variant 3, mRNA; gi|323276653|ref|NM\_130463.3| Homo sapiens ATPase, F  
S1), transcript variant 3, non-coding RNA; gi|323276667|ref|NM\_001204082.1| Homo sapiens mitoch  
ted channel, subfamily N, member 3 (KCNN3), transcript variant 1, mRNA; gi|323276682|ref|NM\_0012  
ant INO80B-WBP1, non-coding RNA;

pt variant 1, mRNA; gi|323276687|ref|NM\_001204089.1| Homo sapiens C1orf151-NBL1 readthrough (C1orf151) (COX16), transcript variant 2, mRNA; gi|323276690|ref|NM\_016468.6| Homo sapiens COX16 (COX16) non-coding RNA;

ript variant 1, mRNA; gi|323276695|ref|NM\_001202548.2| Homo sapiens SYNJ2BP-COX16 readthrough (SYNJ2BP-COX16) encoding mitochondrial protein, mRNA;

ng RNA;

anscript variant 2, mRNA; gi|323276702|ref|NM\_004640.6| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box 6V1G2-DDX39B), non-coding RNA;

2, mRNA; gi|323362945|ref|NM\_005155.6| Homo sapiens palmitoyl-protein thioesterase 2 (PPT2), tra

t variant 11, mRNA; gi|323362972|ref|NM\_001204113.1| Homo sapiens BCL2-like 11 (apoptosis facilit

RNA; gi|323362975|ref|NR\_037860.1| Homo sapiens EGF-like-domain, multiple 8 (EGFL8), transcript v

NA; gi|323362982|ref|NM\_001204077.1| Homo sapiens ubiquitination factor E4A (UBE4A), transcript

it 2, mRNA; gi|323362984|ref|NM\_001204056.1| Homo sapiens ankyrin repeat domain 12 (ANKRD12),

: 1, mRNA; gi|323362994|ref|NM\_199482.3| Homo sapiens MOB family member 4, phocein (MOB4), tr

A; gi|321267553|ref|NM\_016326.3| Homo sapiens chemokine-like factor (CKLF), transcript variant 3, r

t 1, non-coding RNA; gi|323363011|ref|NR\_037857.1| Homo sapiens uncharacterized LOC254128 (LOC

ariant 1, mRNA; gi|323363005|ref|NM\_001204098.1| Homo sapiens CKLF-CMTM1 readthrough (CKLF-

1, mRNA; gi|323363014|ref|NM\_001018109.2| Homo sapiens pirin (iron-binding nuclear protein) (PIR

script variant 2, mRNA; gi|323422932|ref|NM\_001204118.1| Homo sapiens C-type lectin domain famil

ript variant 3, mRNA; gi|323422977|ref|NM\_001204126.1| Homo sapiens lymphoid-restricted membra

;

ng RNA;

;

RNA; gi|116284377|ref|NM\_178425.2| Homo sapiens histone deacetylase 9 (HDAC9), transcript varian

27), transcript variant 2, non-coding RNA; gi|323462144|ref|NM\_006857.2| Homo sapiens small nuclea

pt variant 6, mRNA; gi|156105672|ref|NM\_015844.2| Homo sapiens methyl-CpG binding domain prote  
actor D) (FIGF), mRNA;

anscript variant 2, mRNA; gi|323276671|ref|NM\_182744.3| Homo sapiens neuroblastoma, suppressior

;

ng RNA;

;

mRNA;

ng RNA;

3 (SGK3), transcript variant 3, mRNA; gi|323510626|ref|NM\_170709.2| Homo sapiens serum/glucocoi

script variant 4, non-coding RNA; gi|323510633|ref|NM\_001204171.1| Homo sapiens Mdm4 p53 bind

non-coding RNA; gi|323510640|ref|NR\_037871.1| Homo sapiens tektin 4 pseudogene (LOC100233156

nt 1, mRNA; gi|323510646|ref|NM\_007222.4| Homo sapiens zinc fingers and homeoboxes 1 (ZHX1), tr

20127635|ref|NM\_024944.2| Homo sapiens chondrolectin (CHODL), transcript variant 1, mRNA; gi|32

YP21A2), transcript variant 1, mRNA; gi|323510664|ref|NM\_001128590.3| Homo sapiens cytochrome

;

ng RNA;

ng RNA;

ript variant 1, mRNA; gi|323510680|ref|NM\_032957.4| Homo sapiens regulator of telomere elongatio

t variant 1, non-coding RNA; gi|323510683|ref|NR\_037880.1| Homo sapiens uncharacterized LOC1005

ng RNA;

ng RNA;

inscript variant 1, mRNA; gi|323510687|ref|NM\_001204182.1| Homo sapiens NIMA (never in mitosis g

ng RNA;

ng RNA;

t 1, mRNA; gi|323510695|ref|NM\_001204193.1| Homo sapiens signal recognition particle 19kDa (SRP1

ng RNA;

.), non-coding RNA;

riant 1, mRNA; gi|323635426|ref|NM\_001204212.1| Homo sapiens transmembrane protein 235 (TMEI

riant 3, mRNA; gi|323635435|ref|NM\_001204218.1| Homo sapiens nitric oxide synthase 1 (neuronal) (

ng RNA;

A; gi|323635443|ref|NM\_001204220.1| Homo sapiens zinc finger protein 670 (ZNF670), transcript vari

RNA; gi|323635445|ref|NM\_020394.4| Homo sapiens zinc finger protein 695 (ZNF695), transcript vari

ng RNA;

; RNA;

ecoy (TNFRSF6B), mRNA;

mRNA; gi|323639471|ref|NM\_001204204.1| Homo sapiens SEC14-like 2 (S. cerevisiae) (SEC14L2), tran

oding mitochondrial protein, transcript variant 1, mRNA; gi|323641475|ref|NM\_001003704.2| Homo s

ng RNA;

;

;

;

;

ript variant 1, mRNA; gi|323668288|ref|NM\_031937.2| Homo sapiens TBC1 domain family, member 10

script variant 1, mRNA;

6-AS1), non-coding RNA;

ng RNA;

ng RNA;

gi|323668325|ref|NM\_001204190.1| Homo sapiens tumor protein p73 (TP73), transcript variant 6, mR

: variant 1, mRNA; gi|323714252|ref|NM\_001204255.1| Homo sapiens scavenger receptor class B, mer

D6), transcript variant 3, mRNA; gi|323714266|ref|NM\_022003.3| Homo sapiens FXYP domain contain

;

/, member 2 (KCNA2), transcript variant 1, mRNA; gi|324022754|ref|NM\_001204269.1| Homo sapiens

GABRA4), transcript variant 3, mRNA; gi|324021687|ref|NM\_001204266.1| Homo sapiens gamma-ami

peptide 1 (GNB1), mRNA;

variant 1, mRNA; gi|324021715|ref|NM\_001204284.1| Homo sapiens protein phosphatase 5, catalytic

A; gi|324021719|ref|NM\_001204298.1| Homo sapiens zinc finger protein 664 (ZNF664), transcript variant 1, mRNA;

variant 1, mRNA; gi|374093191|ref|NM\_001256423.1| Homo sapiens Rho GTPase activating protein 19

non-coding RNA;

(GC), transcript variant 3, mRNA; gi|324021742|ref|NM\_001204306.1| Homo sapiens group-specific co

variant 7, mRNA; gi|228008405|ref|NM\_201414.2| Homo sapiens amyloid beta (A4) precursor protein (

variant 4, mRNA; gi|324021749|ref|NM\_138727.3| Homo sapiens suppression of tumorigenicity 7 like (ST7)

mitochondrial protein, transcript variant 1, mRNA; gi|324072717|ref|NM\_178191.2| Homo sapiens A1

(TNFSF15), transcript variant 2, mRNA; gi|324072721|ref|NM\_005118.3| Homo sapiens tumor necrosis

A;

variant 1 (RALA), mRNA;

variant 2 (ARAP2), mRNA;

variant 1, mRNA; gi|324072951|ref|NR\_037912.1| Homo sapiens CUB and zona pellucida-like domains

non-coding RNA;

variant 3), transcript variant 2, mRNA; gi|324072947|ref|NR\_037911.1| Homo sapiens family with sequence sir

gi|324073329|ref|NM\_001204316.1| Homo sapiens prolactin receptor (PRLR), transcript variant 3, mRNA

A; gi|324073523|ref|NM\_176824.2| Homo sapiens Bardet-Biedl syndrome 7 (BBS7), transcript variant 1

transcript variant 2, mRNA; gi|324073530|ref|NM\_024852.3| Homo sapiens eukaryotic translation initiator

A;

variant 1 (EB1), transcript variant 1, mRNA; gi|324120865|ref|NM\_024482.2| Homo sapiens glucocorticoid modu

variant 1 (IL28RA), transcript variant 3, mRNA; gi|324120884|ref|NM\_170743.3| Homo sapiens interleukin 28

ubiquitin protein ligase (RCHY1), transcript variant 4, non-coding RNA; gi|324120885|ref|NM\_015436.3| Homo

transcript variant 4, mRNA; gi|324120891|ref|NM\_002413.4| Homo sapiens microsomal glutathione S-trans

4589930|ref|NM\_002589.2| Homo sapiens protocadherin 7 (PCDH7), transcript variant a, mRNA; gi|29

transcript variant 2, mRNA; gi|324120917|ref|NM\_006610.3| Homo sapiens mannan-binding lectin serine pe

ptide receptor C (NPR3), transcript variant 2, mRNA; gi|324120920|ref|NM\_001204375.1|

variant 4, mRNA; gi|324120935|ref|NM\_001204386.1| Homo sapiens discs, large homolog 1 (Drosophil

variant 5, mRNA; gi|324120973|ref|NM\_001204294.1| Homo sapiens mucin 1, cell surface associated (ML

non-coding RNA;

A;

3R1), transcript variant 3, mRNA; gi|335057532|ref|NM\_181504.3| Homo sapiens phosphoinositide-3-

IA;

l), mRNA;

5, mRNA; gi|152963645|ref|NM\_000325.5| Homo sapiens paired-like homeodomain 2 (PITX2), transcri  
on-coding RNA; gi|324711008|ref|NM\_001204401.1| Homo sapiens X-linked inhibitor of apoptosis (XI

RNA; gi|154448885|ref|NM\_007244.2| Homo sapiens proline rich 4 (lacrimal) (PRR4), transcript variant  
ariant 1, mRNA; gi|324711025|ref|NR\_037917.1| Homo sapiens HUS1 checkpoint homolog (S. pombe)  
iAP), transcript variant 2, mRNA; gi|324711027|ref|NM\_001629.3| Homo sapiens arachidonate 5-lipox

inscript variant 2, mRNA; gi|210147465|ref|NM\_022164.2| Homo sapiens tubulointerstitial nephritis as  
24713037|ref|NM\_002590.3| Homo sapiens protocadherin 8 (PCDH8), transcript variant 1, mRNA;  
ncy, complementation group 5 (ERCC5), mRNA;

gi|324715045|ref|NM\_001204426.1| Homo sapiens LIM domain kinase 1 (LIMK1), transcript variant 2,

oer 1 (KCNQ1), transcript variant 1, mRNA; gi|377823721|ref|NR\_040711.2| Homo sapiens potassium v

;

mRNA;

ariant 2, mRNA; gi|32483358|ref|NM\_181861.1| Homo sapiens apoptotic peptidase activating factor 1  
rial protein, transcript variant 1, mRNA; gi|32483376|ref|NM\_014098.2| Homo sapiens peroxiredoxin 3  
a (PKIG), transcript variant 3, mRNA; gi|32483382|ref|NM\_181805.1| Homo sapiens protein kinase (cAl  
'KIB), transcript variant 2, mRNA; gi|32483388|ref|NM\_032471.4| Homo sapiens protein kinase (cAMP

mRNA;

RNA;

PS51), transcript variant 3, mRNA; gi|325053625|ref|NM\_001204446.1| Homo sapiens adaptor-related  
A; gi|325053641|ref|NM\_001204451.1| Homo sapiens cell cycle progression 1 (CCPG1), transcript vari  
ene encoding mitochondrial protein, transcript variant 1, mRNA; gi|325053646|ref|NR\_037921.1| Hom  
-CCPG1), non-coding RNA;

(PSMC2), transcript variant 1, mRNA; gi|325053651|ref|NM\_001204453.1| Homo sapiens proteasome  
nt 2, mRNA; gi|113204605|ref|NM\_021163.3| Homo sapiens RB-associated KRAB zinc finger (RBAK), tr  
ariant 1, mRNA; gi|325053665|ref|NM\_001204403.1| Homo sapiens ankyrin 3, node of Ranvier (ankyrii

variant 10, mRNA; gi|325053683|ref|NM\_001204421.1| Homo sapiens regulator of G-protein signaling 6

VNT3A), mRNA;

b (TNFSF13B), transcript variant 2, mRNA; gi|325053718|ref|NM\_006573.4| Homo sapiens tumor necrosis factor receptor 1 (TNFRSF19), transcript variant 1, mRNA; gi|325120957|ref|NM\_148957.3| Homo sapiens tumor necrosis factor receptor 3 (TNFRSF25), transcript variant 1, mRNA; gi|325120963|ref|NM\_080687.2| Homo sapiens UPF3 regulator of splicing, transcript variant 1, mRNA;

16), transcript variant 2, mRNA; gi|160707984|ref|NM\_001110798.1| Homo sapiens N(alpha)-acetyltransferase 1, transcript variant 3, mRNA; gi|325120985|ref|NM\_001204468.1| Homo sapiens RNA binding motif protein 10 (RBM10), transcript variant 1, mRNA;

mRNA;

;

RNA;

;

a (CAMK2G), transcript variant 7, mRNA; gi|325197150|ref|NM\_172171.2| Homo sapiens calcium/calmodulin-dependent protein kinase II, member 4 (KCNA4), mRNA;

gi|325197149|ref|NM\_007276.4| Homo sapiens chromobox homolog 3 (CBX3), transcript variant 1, mRNA; gi|325197169|ref|NM\_152829.2| Homo sapiens testis derived transcript (3 LIM domain protein), transcript variant 2, mRNA; gi|325197155|ref|NM\_001416.3| Homo sapiens eukaryotic translation initiation factor 4E, transcript variant 2, non-coding RNA; gi|325121005|ref|NM\_001204478.1| Homo sapiens FAM18B2-CDRT4 repeat domain 1, transcript variant 1, mRNA;

mRNA; gi|325197194|ref|NM\_001204517.1| Homo sapiens kinesin-associated protein 3 (KIFAP3), transcript variant 1, mRNA; gi|325197183|ref|NM\_017628.4| Homo sapiens tet methylcytosine dioxygenase 2 (TET2), transcript variant 3, mRNA; gi|325197196|ref|NM\_001204502.1| Homo sapiens fms-related tyrosine kinase 3 ligand 1, transcript variant 1, mRNA;

2RX5), transcript variant 5, mRNA; gi|325197206|ref|NM\_001204519.1| Homo sapiens purinergic receptor P2Y12, transcript variant 1, mRNA; gi|325197220|ref|NM\_001204506.1| Homo sapiens diacylglycerol kinase, eta (DGKH), transcript variant 1, mRNA;

lar RNA;

lar RNA;

lar RNA;

variant 1, mRNA; gi|32528290|ref|NM\_182314.1| Homo sapiens ecto-NOX disulfide-thiol exchanger 2 (EPTX2), transcript variant 2, mRNA; gi|32528294|ref|NM\_004755.2| Homo sapiens ribosomal protein S6 kinase, alpha-1, transcript variant 3, mRNA; gi|331284220|ref|NM\_001206673.1| Homo sapiens abhydrolase domain containing 1, transcript variant 1, mRNA;

transcript variant 1, mRNA; gi|325296949|ref|NM\_170706.3| Homo sapiens nicotinamide nucleotide adenylyltransferase 1 (NNT), transcript variant 1, mRNA; gi|325296953|ref|NM\_001204698.1| Homo sapiens Tax1 (human T-cell leukemia virus type 1 tax protein), transcript variant 1, mRNA; gi|325296972|ref|NM\_001204745.1| Homo sapiens cadherin 16, KSP-cadherin (CDH16), transcript variant 2, mRNA; gi|325296982|ref|NM\_002913.4| Homo sapiens replication factor C (activator 1), transcript variant 1, mRNA;

nt 1, mRNA; gi|325301077|ref|NM\_001204527.1| Homo sapiens signal sequence receptor, delta (SSR4), transcript variant 1, mRNA; gi|325301078|ref|NM\_001204528.1| Homo sapiens signal sequence receptor, delta (SSR4), nuclear gene encoding mitochondrial protein, mRNA;

, nuclear gene encoding mitochondrial protein, mRNA;



Y4), non-coding RNA;  
Y3), non-coding RNA;  
Y8), non-coding RNA;  
TTY17A), non-coding RNA;  
TY9A), non-coding RNA;  
TY21), non-coding RNA;  
TY13), non-coding RNA;  
Y1), non-coding RNA;  
TY22), non-coding RNA;  
TY23), non-coding RNA;  
Y5), non-coding RNA;  
TY10), non-coding RNA;  
TY20), non-coding RNA;  
eudogene (RBM1A3P), non-coding RNA;  
TY19), non-coding RNA;  
TY18), non-coding RNA;  
TY12), non-coding RNA;  
TY16), non-coding RNA;  
eudogene (FAM197Y2P), non-coding RNA;

ated), member 2 (KCNH2), transcript variant 4, mRNA; gi|325651830|ref|NM\_000238.3| Homo sapiens  
ator of chromatin, subfamily a, member 5 (SMARCA5), mRNA;

NA;  
galactosaminyltransferase 12 (GalNAc-T12) (GALNT12), mRNA;  
ding RNA;

mRNA; gi|325651885|ref|NM\_001204813.1| Homo sapiens 5'-nucleotidase, ecto (CD73) (NT5E), transcr  
L, mRNA; gi|325651888|ref|NM\_057158.3| Homo sapiens dual specificity phosphatase 4 (DUSP4), tran:  
ript variant 2, mRNA; gi|325651889|ref|NM\_001034852.2| Homo sapiens SPARC related modular calci  
mRNA; gi|325651891|ref|NM\_017652.3| Homo sapiens zinc finger protein 586 (ZNF586), transcript vari  
;  
A; gi|325651901|ref|NM\_001204817.1| Homo sapiens zinc finger protein 587 (ZNF587), transcript vari

riant 4, mRNA; gi|325651908|ref|NM\_004103.4| Homo sapiens PTK2B protein tyrosine kinase 2 beta (  
member 3 (KCNQ3), transcript variant 2, mRNA; gi|325651928|ref|NM\_004519.3| Homo sapiens potas:  
e (XPNPEP3), transcript variant 2, mRNA; gi|325651935|ref|NM\_022098.3| Homo sapiens X-prolyl ami  
94536802|ref|NM\_018075.3| Homo sapiens anoctamin 10 (ANO10), transcript variant 1, mRNA; gi|325  
mRNA; gi|325651957|ref|NM\_001204836.1| Homo sapiens zinc finger protein 568 (ZNF568), transcript  
M4), transcript variant 1, mRNA; gi|325651968|ref|NM\_182746.2| Homo sapiens minichromosome m  
A; gi|325651969|ref|NM\_001201459.1| Homo sapiens zinc finger protein 513 (ZNF513), transcript vari  
(PKIA), transcript variant 1, mRNA; gi|325651990|ref|NM\_181839.2| Homo sapiens protein kinase (cA  
mRNA;  
ne encoding mitochondrial protein, transcript variant 1, mRNA; gi|325652003|ref|NR\_028356.1| Homc

AIP8L2), mRNA;  
 , 14.5kDa (NDUFA7), nuclear gene encoding mitochondrial protein, mRNA;  
 5P1), non-coding RNA;  
 nRNA; gi|325652011|ref|NM\_172218.2| Homo sapiens sperm associated antigen 1 (SPAG1), transcript  
 nRNA; gi|325652025|ref|NM\_001204856.1| Homo sapiens sodium channel modifier 1 (SCNM1), transc  
 non-coding RNA;  
 .5kDa, elongin C) (TCEB1), transcript variant 8, mRNA; gi|325652034|ref|NM\_001204858.1| Homo sapi  
 t variant 3, mRNA; gi|325652053|ref|NR\_028033.2| Homo sapiens Fas (TNF receptor superfamily, mem  
 g RNA;  
  
 , mRNA; gi|325652060|ref|NM\_006765.3| Homo sapiens tumor suppressor candidate 3 (TUSC3), trans  
 gi|325652077|ref|NR\_037941.1| Homo sapiens syntaxin 16 (STX16), transcript variant 6, non-coding RN  
 ductase; 3-alpha hydroxysteroid dehydrogenase, type I; dihydrodiol dehydrogenase 4) (AKR1C4), mRNA;  
 (PSMB10), mRNA;  
  
 ;  
 it 3, mRNA; gi|325652096|ref|NM\_144728.2| Homo sapiens dual specificity phosphatase 10 (DUSP10),  
 se, 7 (PSMD7), mRNA;  
 se, 10 (PSMD10), transcript variant 1, mRNA; gi|325652107|ref|NM\_170750.2| Homo sapiens protease  
 109|ref|NM\_001204760.1| Homo sapiens toll-like 1 (TLL1), transcript variant 2, mRNA;  
  
 rRNA; gi|325652117|ref|NM\_001204873.1| Homo sapiens aminopeptidase-like 1 (NPEPL1), transcript v  
 PEPL1), non-coding RNA;  
  
 ant 1, non-coding RNA; gi|325652128|ref|NR\_037930.1| Homo sapiens SLMO2-ATP5E readthrough (SL  
 9), non-coding RNA;  
  
 ranscript variant 4, mRNA; gi|325910842|ref|NM\_001204869.1| Homo sapiens WNT1 inducible signalin  
 ding RNA;  
 RNPUL2), mRNA;  
 , mRNA; gi|325995194|ref|NM\_000195.3| Homo sapiens Hermansky-Pudlak syndrome 1 (HPS1), trans  
  
 , mRNA; gi|325910868|ref|NM\_001204878.1| Homo sapiens BCL2-associated athanogene 4 (BAG4), tr  
 57, mRNA; gi|325910870|ref|NM\_002443.3| Homo sapiens microseminoprotein, beta- (MSMB), transc  
 riant 3, non-coding RNA; gi|301336154|ref|NM\_001193455.1| Homo sapiens NOP2/Sun domain famil  
 ipt variant 2, mRNA; gi|325910880|ref|NM\_003338.4| Homo sapiens ubiquitin-conjugating enzyme E2I  
 ), transcript variant 4, non-coding RNA; gi|325910878|ref|NM\_032667.6| Homo sapiens Berardinelli-Se  
 ipt variant 3, mRNA; gi|325910890|ref|NM\_001204883.1| Homo sapiens RAB43, member RAS oncogen  
 , nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|325910903|ref|NM\_001:  
 :ranscript variant 2, mRNA; gi|325974476|ref|NM\_001204898.1| Homo sapiens transmembrane 4 L six  
 toxic lymphocyte maturation factor 1, p35) (IL12A), mRNA;  
  
  
 n-coding RNA;  
 ), transcript variant 2, mRNA; gi|325974493|ref|NM\_030945.3| Homo sapiens C1q and tumor necrosis  
 ase SgK110-like (SGK110), mRNA;  
 ase autoantigen), member 16 (SLC25A16), nuclear gene encoding mitochondrial protein, mRNA;

ding RNA;

non-coding RNA; gi|325995153|ref|NM\_021205.5| Homo sapiens ras homolog family member U (RHC nRNA;

19992|ref|NM\_001112726.2| Homo sapiens KIAA0284 (KIAA0284), transcript variant 1, mRNA; 1, mRNA; gi|326320051|ref|NM\_001204963.1| Homo sapiens pre-B-cell leukemia homeobox 1 (PBX1);

ng RNA;

non-coding RNA;

381119|ref|NM\_203391.3| Homo sapiens glycerol kinase (GK), transcript variant 1, mRNA; gi|3263811 ant 2, non-coding RNA; gi|326439032|ref|NM\_017775.3| Homo sapiens tetratricopeptide repeat doma on-coding RNA;

ATG13), transcript variant 4, mRNA; gi|326806955|ref|NM\_001205121.1| Homo sapiens ATG13 autoph nuclear gene encoding mitochondrial protein, mRNA;

t variant 3, mRNA; gi|326807024|ref|NM\_152796.2| Homo sapiens hypoxia inducible factor 3, alpha s domain containing (LRTOMT), transcript variant 7, mRNA; gi|326937410|ref|NM\_001145308.2| Homo s !6937451|ref|NM\_001143674.2| Homo sapiens brain protein 44 (BRP44), transcript variant 1, mRNA; g ant 2, mRNA; gi|326937471|ref|NM\_024570.3| Homo sapiens ribonuclease H2, subunit B (RNASEH2B), mRNA;

alactosaminyltransferase 5 (GalNAc-T5) (GALNT5), mRNA;

;

), mRNA;

ie) (CMC1), nuclear gene encoding mitochondrial protein, mRNA;

|327180747|ref|NM\_001205201.1| Homo sapiens testis expressed 28 (TEX28), transcript variant 1, mR 06|ref|NR\_038064.1| Homo sapiens perilipin 2 (PLIN2), transcript variant 2, non-coding RNA; (SLC19A1), transcript variant 3, mRNA; gi|327199313|ref|NM\_001205206.1| Homo sapiens solute carr 15341|ref|NM\_002959.5| Homo sapiens sortilin 1 (SORT1), transcript variant 1, mRNA;

riant 3, mRNA; gi|25121981|ref|NM\_001131.2| Homo sapiens cysteine-rich secretory protein 1 (CRISP ogene (OR7E37P), non-coding RNA;

ng RNA;

non-coding RNA;

LC2), mRNA;

1 (SLC20A1), mRNA;

, mRNA;

;
;
), non-coding RNA;
.6), transcript variant 2, mRNA; gi|327412320|ref|NM\_001205247.1| Homo sapiens acyl-CoA synthetase
on-coding RNA;

3|ref|NM\_001205254.1| Homo sapiens occludin (OCLN), transcript variant 2, mRNA; gi|327478415|ref
), transcript variant 3, mRNA; gi|327532712|ref|NM\_001122633.2| Homo sapiens carbamoyl-phosphat
; gi|327532732|ref|NM\_001205260.1| Homo sapiens TP53 target 3C (TP53TG3C), transcript variant 2,
nt 1, mRNA; gi|327532752|ref|NM\_001205263.1| Homo sapiens RAD54 homolog B (S. cerevisiae) (RA
; gi|327532757|ref|NM\_001205265.1| Homo sapiens TP53 target 3B (TP53TG3B), transcript variant 2,

447198|ref|NM\_194442.2| Homo sapiens lamin B receptor (LBR), transcript variant 2, mRNA;
t variant 1, mRNA; gi|328447214|ref|NM\_032101.2| Homo sapiens protocadherin gamma subfamily B

), mRNA;
riant 2, mRNA; gi|194018460|ref|NM\_002017.3| Homo sapiens Friend leukemia virus integration 1 (FL
NA;
06012), mRNA;
M), transcript variant 1, mRNA; gi|328683436|ref|NM\_001122870.2| Homo sapiens protein phosphatase
, transcript variant 2, non-coding RNA; gi|328683460|ref|NM\_001205288.1| Homo sapiens LIM and se

ript variant 1, mRNA; gi|328802669|ref|NM\_032645.4| Homo sapiens receptor-associated protein of t
mRNA; gi|328802708|ref|NR\_038103.1| Homo sapiens trans-2,3-enoyl-CoA reductase (TECR), transcri
RNA; gi|328887888|ref|NM\_148978.2| Homo sapiens pantothenate kinase 1 (PANK1), transcript varia
t variant 4, non-coding RNA; gi|328887931|ref|NR\_038108.1| Homo sapiens uncharacterized LOC1005
mRNA; gi|328887947|ref|NM\_024636.3| Homo sapiens STEAP family member 4 (STEAP4), transcript v
F1), transcript variant 2, mRNA; gi|328927003|ref|NM\_007344.3| Homo sapiens transcription terminat
M), transcript variant 4, mRNA; gi|328927009|ref|NM\_001205301.1| Homo sapiens EGF-like, fibronect

anscript variant 1, mRNA; gi|328927012|ref|NM\_182970.3| Homo sapiens regulating synaptic membra
nt 2, mRNA; gi|328927054|ref|NM\_032801.4| Homo sapiens junctional adhesion molecule 3 (JAM3), t
\;
!9112581|ref|NM\_022463.4| Homo sapiens nucleoredoxin (NXN), transcript variant 1, mRNA;

subunit (CACNA1E), transcript variant 2, mRNA; gi|329663538|ref|NM\_000721.3| Homo sapiens calciur
nt 3, mRNA; gi|32967279|ref|NM\_003336.2| Homo sapiens ubiquitin-conjugating enzyme E2A (UBE2A)

transcript variant 1, mRNA; gi|32967299|ref|NM\_182486.1| Homo sapiens C1q and tumor necrosis fa

transcript variant 2, mRNA; gi|32967602|ref|NM\_013448.2| Homo sapiens bromodomain adjacent to zinc finger 1 (SLC13A1), mRNA;

4), mRNA;

(mouse) (USMG5), transcript variant 1, mRNA; gi|330340388|ref|NM\_001206427.1| Homo sapiens up-regulated 1 (IMAB), transcript variant 2, non-coding RNA; gi|120432048|ref|NM\_052845.3| Homo sapiens methylmethanopterin synthase (MTHFSD1), transcript variant 2, mRNA; gi|330688407|ref|NM\_182961.3| Homo sapiens spectrin repeat containing, rod domain (CSH1), mRNA;

1, non-coding RNA; gi|330688432|ref|NM\_014800.10| Homo sapiens engulfment and cell motility 1 (ELAVL1), transcript variant 2, mRNA; gi|330688466|ref|NM\_002788.3| Homo sapiens proteasome (prosome) (PZB), transcript variant 2, mRNA; gi|330864682|ref|NR\_038125.1| Homo sapiens capping protein (actin-depolymerizing factor) (CAPZB), transcript variant 5, mRNA; gi|98985798|ref|NM\_032977.3| Homo sapiens caspase 10, apoptosis-activating factor 1 (CASP10), transcript variant 3, mRNA; gi|330864719|ref|NM\_001206557.1| Homo sapiens KIAA1432 (KIAA1432), transcript variant 3, mRNA; gi|330864725|ref|NM\_015972.3| Homo sapiens polymerase (RNA) I polypeptide 1 (POLR1A), transcript variant 6, mRNA; gi|330864756|ref|NM\_001206570.1| Homo sapiens sortilin-related receptor 1 (SORL1), transcript variant 3, mRNA; gi|330864766|ref|NM\_001135004.2| Homo sapiens DnaJ (Hsp40) homolog subfamily B member 1 (DnaJ), transcript variant 2, mRNA; gi|330864784|ref|NM\_004842.3| Homo sapiens A kinase (PRKA) anchor protein 7 (AKAP7), transcript variant 2, mRNA; gi|330864794|ref|NR\_027918.2| Homo sapiens coiled-coil domain containing 62 (CCDC62), transcript variant 1, mRNA; gi|330864755|ref|NM\_001039920.2| Homo sapiens zinc finger protein 384 (ZNF384), transcript variant 1, mRNA;

1, non-coding RNA; gi|331028524|ref|NM\_001080419.2| Homo sapiens unkempt homolog (Drosophila) (UNKEMPT), transcript variant 1, mRNA; gi|331028524|ref|NM\_001080419.2| Homo sapiens unkempt homolog (Drosophila) (UNKEMPT), transcript variant 1, mRNA; gi|331028582|ref|NM\_001206602.1| Homo sapiens chimerin (chimaerin) 1 (CHN1), transcript variant 1, mRNA; gi|331028755|ref|NM\_001206615.1| Homo sapiens ets homologous factor (EHF), transcript variant 3, non-coding RNA; gi|331028755|ref|NM\_001206615.1| Homo sapiens ets homologous factor (EHF), transcript variant 3, non-coding RNA; gi|331028755|ref|NM\_001206615.1| Homo sapiens ets homologous factor (EHF), transcript variant 3, non-coding RNA; C283116), mRNA;

transcript variant 1, mRNA; gi|331284169|ref|NM\_001206651.1| Homo sapiens SH3-domain GRB2-like endophilin 1 (HOTTIP), non-coding RNA;

transcript variant 2, mRNA; gi|331284142|ref|NM\_001012985.2| Homo sapiens chromosome 1 open reading frame 100 (PSG7), transcript variant 2, mRNA; gi|157805479|ref|NM\_002783.2| Homo sapiens pregnancy-associated protein 1 (PAP1), transcript variant 2, mRNA; gi|331284177|ref|NM\_006312.5| Homo sapiens nuclear receptor corepressor 2 (NCOR2), transcript variant 1, mRNA;

331284237|ref|NM\_001206609.1| Homo sapiens selectin P ligand (SELPLG), transcript variant 1, mRNA; gi|331284237|ref|NM\_001206609.1| Homo sapiens selectin P ligand (SELPLG), transcript variant 1, mRNA; gi|331284302|ref|NM\_030570.2| Homo sapiens uroplakin 3B (UPK3B), transcript variant 1, mRNA;

ubiquitously transcribed (UTY), transcript variant 1, mRNA; gi|33188426|ref|NM\_182659.1| Homo sapiens ubiquitously transcribed (UTY), transcript variant 1, mRNA; gi|33188448|ref|NM\_182692.1| Homo sapiens SRSF protein kinase 2 (SRPK2), transcript variant 1, mRNA;

rial protein, transcript variant 3, mRNA; gi|33188450|ref|NM\_005809.4| Homo sapiens peroxiredoxin 1, transcript variant 2, mRNA; gi|33188457|ref|NM\_003339.2| Homo sapiens ubiquitin-conjugating enzyme E2D 2 (UBC2D), transcript variant 1, mRNA; gi|33188458|ref|NM\_013409.2| Homo sapiens follistatin (FST), transcript variant FST344, mRNA;

gi|332205958|ref|NM\_001206843.1| Homo sapiens germ cell associated 1 (GSG1), transcript variant 6 RNA; gi|256222770|ref|NM\_014893.4| Homo sapiens neuroligin 4, Y-linked (NLGN4Y), transcript varia

, mRNA; gi|332205984|ref|NR\_038177.1| Homo sapiens caprin family member 2 (CAPRIN2), transcript ptide A) small phosphatase 1 (CTDSP1), transcript variant 1, mRNA; gi|332308971|ref|NM\_182642.2| H

IA;  
drial protein, transcript variant 3, mRNA; gi|332309153|ref|NM\_012094.4| Homo sapiens peroxiredoxi  
i|332309225|ref|NM\_001206866.1| Homo sapiens interleukin 6 receptor (IL6R), transcript variant 3, m  
d blood group) (SLC14A1), transcript variant 2, mRNA; gi|225690518|ref|NM\_001146037.1| Homo sapi  
(NOXRED1), mRNA;

membrane protein, 34kDa), member 17 (SLC25A17), nuclear gene encoding mitochondrial protein, mRN  
|33239442|ref|NM\_182715.1| Homo sapiens synaptophysin-like 1 (SYPL1), transcript variant 2, mRNA;  
P26B1), mRNA;

2, mRNA; gi|33239449|ref|NM\_002592.2| Homo sapiens proliferating cell nuclear antigen (PCNA), tran:  
transcript variant 1, mRNA; gi|332688248|ref|NM\_001100163.2| Homo sapiens murine retrovirus inte  
, transcript variant 1, mRNA; gi|332634706|ref|NM\_170697.2| Homo sapiens aldehyde dehydrogenase  
in 1 (TAX1BP1), transcript variant 2, mRNA; gi|332634733|ref|NM\_006024.6| Homo sapiens Tax1 (hun  
NA; gi|332634771|ref|NM\_138555.2| Homo sapiens kinesin family member 23 (KIF23), transcript varia  
ACNB3), transcript variant 3, mRNA; gi|332634864|ref|NM\_001206917.1| Homo sapiens calcium chanr  
A;

OC1), mRNA;

V7A), transcript variant 1, mRNA; gi|363001194|ref|NR\_045628.1| Homo sapiens sodium channel, volt  
534943|ref|NM\_176892.1| Homo sapiens CD86 molecule (CD86), transcript variant 3, mRNA; gi|33263  
A;

LR2J3), mRNA;

), transcript variant 1, mRNA; gi|332635056|ref|NM\_001206941.1| Homo sapiens family with sequence  
PG5), transcript variant 3, mRNA; gi|139394620|ref|NM\_006574.3| Homo sapiens chondroitin sulfate p  
rotein (PLGRKT), mRNA;

(PICALM), transcript variant 2, mRNA; gi|332688229|ref|NM\_007166.3| Homo sapiens phosphatidylin

t 3, mRNA; gi|332688255|ref|NM\_001206960.1| Homo sapiens phospholipase A1 member A (PLA1A),  
AGER), transcript variant 4, mRNA; gi|332800964|ref|NM\_001206929.1| Homo sapiens advanced glycc  
id transporter 4) (SLC16A3), transcript variant 5, mRNA; gi|332800977|ref|NM\_001042423.2| Homo sa

), transcript variant 4, mRNA; gi|332800997|ref|NM\_002837.4| Homo sapiens protein tyrosine phosph

3136|ref|NM\_175607.2| Homo sapiens contactin 4 (CNTN4), transcript variant 1, mRNA; gi|332688244

t variant 2, mRNA; gi|379991119|ref|NR\_046430.1| Homo sapiens chromosome 4 open reading frame  
t 1, mRNA; gi|332801034|ref|NM\_001206984.1| Homo sapiens methyltransferase like 23 (METTL23), t  
on-coding RNA;

H4), transcript variant 3, mRNA; gi|332801018|ref|NM\_001206979.1| Homo sapiens nuclear receptor  
'PP2R2C), transcript variant 4, mRNA; gi|109255253|ref|NM\_181876.2| Homo sapiens protein phosphatase  
cript variant 1, mRNA; gi|332801074|ref|NM\_152770.2| Homo sapiens chromosome 4 open reading frame  
A; gi|332801078|ref|NM\_032173.3| Homo sapiens zinc and ring finger 3 (ZNRIF3), transcript variant 2,  
Γ), transcript variant 1, mRNA; gi|332801083|ref|NM\_007174.2| Homo sapiens citron (rho-interacting,  
l, mRNA;  
, transcript variant 2, mRNA; gi|384229056|ref|NM\_024110.4| Homo sapiens caspase recruitment domain  
, transcript variant 2, mRNA; gi|332801089|ref|NM\_001207000.1| Homo sapiens heterogeneous nuclear

mRNA;  
f|NM\_001207009.1| Homo sapiens zinc finger protein 497 (ZNF497), transcript variant 2, mRNA;

VA; gi|333033783|ref|NM\_002632.5| Homo sapiens placental growth factor (PGF), transcript variant 1,  
 (NACA), transcript variant 1, mRNA; gi|163965363|ref|NM\_001113202.1| Homo sapiens nascent poly  
 etaine/GABA), member 12 (SLC6A12), transcript variant 4, mRNA; gi|333033790|ref|NM\_003044.4| H  
 /APK8IP1), mRNA;  
 rRNA; gi|333033795|ref|NM\_001930.3| Homo sapiens deoxyhypusine synthase (DHPS), transcript vari  
 ; (UGT2B28), transcript variant 2, mRNA; gi|16596679|ref|NM\_053039.1| Homo sapiens UDP glucuron  
 A; gi|333033764|ref|NM\_001207005.1| Homo sapiens zinc finger protein 233 (ZNF233), transcript vari  
 ant 2, mRNA; gi|333108227|ref|NM\_001207011.1| Homo sapiens ciliary neurotrophic factor receptor  
 non-coding RNA; gi|333108237|ref|NR\_038200.1| Homo sapiens uncharacterized LOC100507027 (M1)  
 ), transcript variant 1, mRNA; gi|333108232|ref|NM\_080422.2| Homo sapiens protein tyrosine phosph  
 rNA; gi|333108239|ref|NR\_038201.1| Homo sapiens tospeak (LOC100616530), transcript variant 1, no  
 ), transcript variant 3, mRNA; gi|333108256|ref|NM\_001207016.1| Homo sapiens protein tyrosine pho  
 S1), non-coding RNA;

1, mRNA; gi|333108278|ref|NR\_038198.1| Homo sapiens pre-B-cell leukemia homeobox 4 (PBX4), transcript variant 1, (collagen binding protein 1) (SERPINH1), transcript variant 2, mRNA; gi|333360850|ref|NM\_0854|ref|NM\_134269.2| Homo sapiens smoothelin (SMTN), transcript variant 2, mRNA; gi|333360857|ref|NM\_0854|ref|NM\_134269.2| Homo sapiens smoothelin (SMTN), transcript variant 2, mRNA; gi|333360861|ref|NM\_001085479.2| Homo sapiens IQ motif containing F3 (IQCF3), transcript variant 2, non-coding RNA; gi|333360866|ref|NR\_038215.1| Homo sapiens IQ motif containing F5 pseudogene (OR2A42), mRNA;

if, 3 (ADAMTS3), mRNA;

t 4, non-coding RNA; gi|333360887|ref|NR\_038218.1| Homo sapiens uncharacterized LOC154092 (LOC154092), non-coding RNA;

;

;

ke (LOC643802), mRNA;

;

), transcript variant 1, non-coding RNA; gi|333360899|ref|NR\_038224.1| Homo sapiens ZNF503 antisense transcript 1, non-coding RNA;



t variant 1, non-coding RNA; gi|333360903|ref|NR\_038228.1| Homo sapiens uncharacterized LOC1005  
;  
OR2T29), mRNA;  
;  
;  
;  
;  
;  
;  
l6PR), transcript variant 2, mRNA; gi|333440432|ref|NM\_002355.3| Homo sapiens mannose-6-phospho  
nRNA;  
transcript variant 1, mRNA; gi|333440441|ref|NM\_001207034.1| Homo sapiens ring finger protein 40,  
;  
cript variant 2, mRNA; gi|333440448|ref|NM\_015097.2| Homo sapiens cytoplasmic linker associated p  
t c, mRNA; gi|333755185|ref|NM\_001207049.1| Homo sapiens beta-site APP-cleaving enzyme 1 (BACE  
  
ng RNA;  
ng RNA;  
  
lNA;  
, transcript variant 7, mRNA; gi|28559060|ref|NM\_175848.1| Homo sapiens DNA (cytosine-5-)-methylt  
ng RNA;  
ne encoding mitochondrial protein, mRNA;  
t variant 2, non-coding RNA; gi|333470688|ref|NR\_038239.1| Homo sapiens uncharacterized LOC1005  
nscript variant 2, mRNA; gi|333470693|ref|NM\_032561.4| Homo sapiens chromosome 22 open readir  
) (MARK2P9), non-coding RNA;  
t variant 3, non-coding RNA; gi|333470699|ref|NR\_038245.1| Homo sapiens uncharacterized LOC1005  
t variant 1, mRNA; gi|333470708|ref|NM\_001207066.1| Homo sapiens coxsackie virus and adenovirus  
t variant 4, non-coding RNA; gi|333470712|ref|NR\_038249.1| Homo sapiens uncharacterized LOC1005  
ng RNA;  
variant 4, mRNA; gi|333470720|ref|NM\_001207069.1| Homo sapiens basic leucine zipper and W2 dom  
on-coding RNA;  
ranscript variant 1, non-coding RNA; gi|333470726|ref|NR\_038255.1| Homo sapiens OTU domain cont  
i470740|ref|NM\_001207038.1| Homo sapiens ets variant 7 (ETV7), transcript variant 5, mRNA; gi|3334  
  
ng RNA;  
;  
  
  
mRNA;  
1), mRNA;  
, transcript variant 2, mRNA; gi|33356545|ref|NM\_015192.2| Homo sapiens phospholipase C, beta 1 (p  
v12), mRNA;  
v13), mRNA;  
gi|33356555|ref|NM\_182680.1| Homo sapiens amelogenin, X-linked (AMELX), transcript variant 3, mRNA

3|ref|NM\_182685.1| Homo sapiens ephrin-A1 (EFNA1), transcript variant 2, mRNA;  
 4|ref|NM\_005227.2| Homo sapiens ephrin-A4 (EFNA4), transcript variant 1, mRNA; gi|100913199|ref|  
 variant 2, mRNA; gi|33359695|ref|NM\_006357.2| Homo sapiens ubiquitin-conjugating enzyme E2E 3 (UB  
 transcript variant 3, mRNA; gi|333609222|ref|NM\_030670.2| Homo sapiens protein tyrosine phosphatase  
 , transcript variant 2, non-coding RNA; gi|155030243|ref|NM\_017599.3| Homo sapiens vezatin, adherens  
 31A), transcript variant 2, mRNA; gi|333609236|ref|NM\_001207074.1| Homo sapiens family with sequ  
  
 ;  
 (UGT2A2), mRNA;  
 ng RNA;  
 ript variant 1, mRNA; gi|333609253|ref|NM\_080571.1| Homo sapiens chromosome 20 open reading fr  
 ember 2 (TRPM2), transcript variant 2, non-coding RNA; gi|67906812|ref|NM\_003307.3| Homo sapien  
  
 3 (SUGT1P3), non-coding RNA;  
 on-coding RNA; gi|333609256|ref|NR\_038259.1| Homo sapiens TPTE2 pseudogene (LOC100616668), t  
 ;  
 tein 3 (HIVEP3), transcript variant 4, non-coding RNA; gi|347582597|ref|NM\_024503.4| Homo sapiens  
  
 iscript variant 1, mRNA; gi|333609266|ref|NM\_001207076.1| Homo sapiens chromosome 20 open rea  
 l, mRNA;  
  
 odng RNA;  
 nRNA; gi|341823645|ref|NM\_001243126.1| Homo sapiens kallikrein-related peptidase 7 (KLK7), transc  
 NA; gi|333805599|ref|NM\_001214907.1| Homo sapiens zinc finger protein 48 (ZNF48), transcript varia  
 ;  
 -AS2), non-coding RNA;  
 (PTPRF), interacting protein (liprin), alpha 2 (PPFIA2), transcript variant 8, non-coding RNA; gi|33380561  
 on-coding RNA;  
 ;  
 ng RNA;  
 ng RNA;  
 DR4C11), mRNA;  
 t variant 2, non-coding RNA; gi|333805640|ref|NR\_038272.1| Homo sapiens uncharacterized LOC1005  
 333805647|ref|NM\_001220482.1| Homo sapiens Meis homeobox 2 (MEIS2), transcript variant i, mRNA  
 t variant 1, non-coding RNA; gi|333805650|ref|NR\_038274.1| Homo sapiens uncharacterized LOC1005  
  
 ng RNA;  
 ng RNA;  
 RNA; gi|333805658|ref|NM\_001220484.1| Homo sapiens HEAT repeat containing 4 (HEATR4), transcri  
  
 ng RNA;  
 ng RNA;  
 ng RNA;  
 iant 4, mRNA; gi|333944014|ref|NM\_001220488.1| Homo sapiens cadherin 13, H-cadherin (heart) (CD  
 HR57C), transcript variant 2, mRNA; gi|333944027|ref|NM\_001220493.1| Homo sapiens dehydrogenas  
 t variant 2, non-coding RNA; gi|333944031|ref|NR\_038294.1| Homo sapiens uncharacterized LOC1005  
 t variant 2, non-coding RNA; gi|333944032|ref|NR\_038295.1| Homo sapiens uncharacterized LOC1005

variant 1, mRNA; gi|333944034|ref|NM\_130791.2| Homo sapiens WW domain containing oxidoreductase domain 2, mRNA; gi|333944037|ref|NM\_080661.3| Homo sapiens glycine-N-acyltransferase-like 1 (GLYA  
 ning (NACC2), mRNA;  
 variant 1, non-coding RNA; gi|333944043|ref|NR\_038279.1| Homo sapiens uncharacterized LOC1005  
 ng RNA;  
 variant 2, non-coding RNA; gi|333944045|ref|NR\_038281.1| Homo sapiens uncharacterized LOC1005  
 ng RNA;  
 non-coding RNA;  
 ng RNA;  
 transcript variant 2, non-coding RNA; gi|333944058|ref|NR\_038287.1| Homo sapiens TEX26 antisense R  
 ng RNA;  
 variant 1, non-coding RNA; gi|334085189|ref|NR\_038302.1| Homo sapiens uncharacterized LOC1005  
 (8J1), mRNA;  
 variant 4, non-coding RNA; gi|334085195|ref|NR\_038307.1| Homo sapiens uncharacterized LOC1005  
 ng RNA;  
 (7HG), non-coding RNA;  
 (FCER2), transcript variant 2, mRNA; gi|334085202|ref|NM\_001220500.1| Homo sapiens Fc fragment of  
 variant 2, mRNA; gi|334085226|ref|NM\_001220774.1| Homo sapiens IKAROS family zinc finger 1 (Ikaro  
 variant 6, non-coding RNA; gi|334085236|ref|NR\_038314.1| Homo sapiens uncharacterized LOC1005  
 (1A), transcript variant 4, mRNA; gi|334085239|ref|NM\_001220777.1| Homo sapiens cyclin-dependent  
 ng RNA;  
 (R5M3), mRNA;  
 variant 3, mRNA; gi|334085246|ref|NM\_014889.3| Homo sapiens pitrilysin metalloproteinase 1 (PITRM1), ni  
 l, mRNA; gi|314122210|ref|NM\_021783.3| Homo sapiens ectodysplasin A2 receptor (EDA2R), transcrip  
 ng RNA;  
 transcript variant 2, mRNA; gi|334085257|ref|NM\_145019.3| Homo sapiens family with sequence similarity  
 ng RNA;  
  
 erase) 2 (CDS2), mRNA;  
 (13), transcript variant 1, mRNA; gi|334085267|ref|NM\_001242314.1| Homo sapiens mitogen-activated  
 (R51B5), transcript variant 1, mRNA; gi|334085271|ref|NR\_038321.1| Homo sapiens olfactory recepto  
 ng RNA;  
 D), mRNA;  
 ng RNA;  
 variant 2, non-coding RNA; gi|334085283|ref|NR\_038325.1| Homo sapiens uncharacterized LOC1005  
  
 (73), mRNA;  
 (79), mRNA;  
 ;  
 (93), mRNA;  
 (00), mRNA;  
 (05), mRNA;  
 |334191687|ref|NM\_199160.3| Homo sapiens LIM homeobox 6 (LHX6), transcript variant 2, mRNA; gi|  
 transcript variant 2, mRNA; gi|334191698|ref|NM\_017552.2| Homo sapiens ATPase family, AAA domain  
 mRNA; gi|334191700|ref|NM\_001242339.1| Homo sapiens phosphofructokinase, platelet (PFKP), tran  
 coding RNA; gi|334191704|ref|NR\_038329.1| Homo sapiens tektin 4 pseudogene 2 (TEKT4P2), transcri

transcript variant 3, mRNA; gi|334688825|ref|NM\_001135775.2| Homo sapiens calcium channel flow

9996003|ref|NM\_001168325.1| Homo sapiens tescalcin (TESC), transcript variant 2, mRNA; gi|269996  
 1A; gi|334724431|ref|NM\_001242384.1| Homo sapiens synaptotagmin-like 3 (SYTL3), transcript variant  
 VF1), transcript variant 2, mRNA; gi|334848197|ref|NM\_001242397.1| Homo sapiens twinfilin, actin-bi  
 non-coding RNA;  
 ranscript variant 2, mRNA; gi|334724469|ref|NM\_001242409.1| Homo sapiens family with sequence s  
 iant 1, mRNA; gi|334848122|ref|NM\_001242412.1| Homo sapiens aryl-hydrocarbon receptor repressc  
 rRNA; gi|334848124|ref|NM\_006257.3| Homo sapiens protein kinase C, theta (PRKCQ), transcript varia  
 rRNA; gi|334848142|ref|NR\_038354.1| Homo sapiens WD repeat domain 20 (WDR20), transcript varia  
 0), mRNA;  
 ng RNA;  
 ng RNA;  
 ript variant 4, mRNA; gi|334883157|ref|NM\_001030002.2| Homo sapiens growth factor receptor-bour  
 ng RNA;  
 TM domain), member 5 (LILRA5), transcript variant 4, mRNA; gi|334883170|ref|NM\_181985.2| Homo  
 J1), transcript variant 1, mRNA; gi|334883181|ref|NM\_001142291.2| Homo sapiens mahogunin ring fir  
 mRNA; gi|334883184|ref|NM\_138415.4| Homo sapiens PHD finger protein 21B (PHF21B), transcript va  
 ;  
 mRNA; gi|335057508|ref|NM\_001242400.2| Homo sapiens growth hormone receptor (GHR), transcri  
 gi|335057517|ref|NM\_058229.3| Homo sapiens F-box protein 32 (FBXO32), transcript variant 1, mRN  
 PP1R1B), transcript variant 2, mRNA; gi|335057523|ref|NM\_001242464.1| Homo sapiens protein phos  
 main, secreted, (semaphorin) 3C (SEMA3C), mRNA;  
 ng RNA;  
 L4), mRNA;  
 A; gi|335057552|ref|NM\_001242475.1| Homo sapiens zinc finger protein 345 (ZNF345), transcript vari  
 ng RNA;  
 WD1), transcript variant 3, mRNA; gi|335057563|ref|NM\_018963.4| Homo sapiens bromodomain and  
 D3B), transcript variant a, mRNA; gi|335057572|ref|NM\_152526.5| Homo sapiens par-3 partitioning de  
 A; gi|33519425|ref|NM\_182729.1| Homo sapiens thioredoxin reductase 1 (TXNRD1), transcript varian  
 : variant 1, mRNA; gi|33519454|ref|NM\_182796.1| Homo sapiens methionine adenosyltransferase II, b  
 19kDa (NDUFA8), nuclear gene encoding mitochondrial protein, mRNA;  
 kDa (NDUFB2), nuclear gene encoding mitochondrial protein, mRNA;  
 A;  
 XACB1), transcript variant 1, mRNA; gi|335334919|ref|NR\_038364.1| Homo sapiens ferredoxin-fold an  
 aining (EIF1AD), transcript variant 2, mRNA; gi|335334944|ref|NM\_001242483.1| Homo sapiens eukar

on-coding RNA;  
on-coding RNA;  
coding RNA; gi|335334954|ref|NM\_032013.3| Homo sapiens NDRG family member 3 (NDRG3), transcr

35334963|ref|NM\_001242488.1| Homo sapiens KIAA0913 (KIAA0913), transcript variant 3, mRNA; gi|35334981|ref|NM\_001242496.1| Homo sapiens family with sequence similarity 173 domain containing (FAM173D), transcript variant 1, mRNA; gi|35334992|ref|NM\_001242501.1| Homo sapiens MIF4G domain containing (MIF4GD), transcript variant 1, mRNA.

coding RNA;

!, mRNA; gi|335335001|ref|NM\_017495.5| Homo sapiens RNA binding motif protein 38 (RBM38), trans  
;

20), transcript variant 3, mRNA; gi|335335009|ref|NM\_181527.3| Homo sapiens N(alpha)-acetyltransferase 1A;  
VA;

protein coding) (HOTAIRM1), transcript variant 1, non-coding RNA; gi|335353772|ref|NR\_038367.1| Homo sapiens uncharacterized LOC100506512, transcript variant 1, non-coding RNA; gi|335353778|ref|NR\_038376.1| Homo sapiens uncharacterized LOC100506512, transcript variant 5, mRNA; gi|335353779|ref|NM\_001007023.3| Homo sapiens deiodinase, iodothyronine, type II (HSD17B4), transcript variant 1, mRNA; gi|335353785|ref|NM\_080597.3| Homo sapiens oxysterol binding protein-like 1A (OSBP206), non-coding RNA;

; S1), non-coding RNA;

;

variant 1, mRNA; gi|299117127|ref|NM\_001190456.1| Homo sapiens coronin, actin binding protein, 2B (C

iant 2, mRNA; gi|187937178|ref|NM\_001080395.2| Homo sapiens apoptosis-associated tyrosine kinase 2), non-coding RNA;

g RNA;

3182|ref|NM\_017457.5| Homo sapiens cytohesin 2 (CYTH2), transcript variant 1, mRNA;  
-DPA1), transcript variant 1, mRNA; gi|335883186|ref|NM\_001242525.1| Homo sapiens major histocomp  
ant 2, mRNA; gi|335892790|ref|NM\_014071.3| Homo sapiens nuclear receptor coactivator 6 (NCOA6),  
cript variant 5, non-coding RNA; gi|335892797|ref|NM\_001242546.1| Homo sapiens anaphase promot

;

J2), mRNA;

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ng RNA;



g RNA;  
ariant 3, mRNA; gi|336176056|ref|NM\_032635.3| Homo sapiens transmembrane protein 147 (TMEM14  
t variant 1, non-coding RNA; gi|336176069|ref|NR\_038431.1| Homo sapiens uncharacterized LOC1005  
ng RNA;  
ng RNA;  
;  
  
AS2), non-coding RNA;  
5A4), mRNA;  
;  
ng RNA;  
;  
RNA; gi|296317367|ref|NM\_134446.3| Homo sapiens CD99 molecule-like 2 (CD99L2), transcript varian  
ranscript variant 3, mRNA; gi|336176109|ref|NM\_001242617.1| Homo sapiens nuclear transport facto  
;  
;  
  
, 9 (ADAMTS9), mRNA;  
t variant 1, non-coding RNA; gi|336285182|ref|NR\_038447.1| Homo sapiens uncharacterized LOC1001  
t 2, non-coding RNA; gi|336285186|ref|NR\_038448.1| Homo sapiens uncharacterized LOC440288 (LOC  
D1), transcript variant 1, mRNA; gi|336285212|ref|NM\_001242630.1| Homo sapiens glucose-fructose  
100130849), non-coding RNA;  
A;  
;  
.OC100130673), non-coding RNA;  
ng RNA;  
;  
;  
t variant 2, non-coding RNA; gi|336285279|ref|NR\_038461.1| Homo sapiens uncharacterized LOC1001  
;  
4, mRNA; gi|336285422|ref|NM\_138297.4| Homo sapiens mucin 4, cell surface associated (MUC4), tra  
it 2, mRNA; gi|336285439|ref|NM\_001242607.1| Homo sapiens neural cell adhesion molecule 1 (NCAM  
ng RNA;  
ng RNA;  
t variant 2, non-coding RNA; gi|336285448|ref|NR\_038827.1| Homo sapiens uncharacterized LOC1001  
l1), transcript variant 1, mRNA; gi|336285454|ref|NR\_038422.2| Homo sapiens peptidylprolyl cis/trans  
;  
AS3), transcript variant 2, non-coding RNA; gi|336285458|ref|NR\_038831.1| Homo sapiens HOXA clust  
;  
ng RNA;  
;  
336285465|ref|NM\_001784.4| Homo sapiens CD97 molecule (CD97), transcript variant 2, mRNA; gi|33  
RNA;  
;  
ng RNA;  
;  
;



iscript variant 1, mRNA; gi|336285486|ref|NM\_001242640.1| Homo sapiens BRCA1/BRCA2-containing  
 ng RNA;  
 mRNA;  
 ;  
 variant 1, mRNA; gi|336391092|ref|NM\_001242644.1| Homo sapiens RAB2A, member RAS oncogene f  
 ;  
 ;  
 ng RNA;  
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 ng RNA;  
 ;  
 ; gi|336391102|ref|NR\_038851.1| Homo sapiens uncharacterized LOC503519 (LOC503519), non-codin  
 ;  
 ;  
 ng RNA;  
 on-coding RNA;  
 ng RNA;  
 ;  
 on-coding RNA;  
 ng RNA;  
  
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 ;  
 AS1), non-coding RNA;  
 ot variant 2, mRNA; gi|336391123|ref|NM\_030948.2| Homo sapiens phosphatase and actin regulator 1  
 :oding RNA;  
 ion-coding RNA;  
 ding RNA;  
 ng RNA;  
 ia (NAPA), transcript variant 2, non-coding RNA; gi|336391142|ref|NM\_003827.3| Homo sapiens N-eth  
 mRNA; gi|336391159|ref|NM\_001242638.1| Homo sapiens interleukin 31 receptor A (IL31RA), transc  
 ;  
 nscript variant 2, mRNA; gi|301601604|ref|NM\_001193482.1| Homo sapiens LIM and senescent cell ar  
 ;  
  
 RNA;  
 lorf91-OT1), transcript variant 2, non-coding RNA; gi|336455045|ref|NR\_038871.1| Homo sapiens C21  
 on-coding RNA;  
 lecoy with truncated death domain pseudogene (LOC286059), non-coding RNA;  
 ;  
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 ng RNA;  
 ;  
 on-coding RNA;  
 transcript variant 1, non-coding RNA; gi|336455062|ref|NR\_038880.1| Homo sapiens GCFC1 antisense  
 ;

;
F3), mRNA;
A;
ng RNA;
;
t variant 1, non-coding RNA; gi|336455086|ref|NR\_038886.1| Homo sapiens uncharacterized LOC1005
RNA;

;
ariant 5, mRNA; gi|336455096|ref|NM\_001242674.1| Homo sapiens adenosylhomocysteinase-like 1 (Al
A;
;
;
nscript variant 1, non-coding RNA; gi|336455109|ref|NR\_038893.1| Homo sapiens CBR3 antisense RNA
;

;
), transcript variant 2, non-coding RNA; gi|336455128|ref|NR\_038900.1| Homo sapiens DSCAM antisen
on-coding RNA;
;
-coding RNA;
ng RNA;
AER34-1), transcript variant 2, mRNA; gi|336594227|ref|NM\_024534.5| Homo sapiens endogenous ret
ng RNA;
ng RNA;
ng RNA;
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ng RNA;
ng RNA;
SLC14A2), transcript variant 2, mRNA; gi|157694502|ref|NM\_007163.3| Homo sapiens solute carrier fa
ng RNA;
ng RNA;
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ng RNA;

ng RNA;
ng RNA;
t 2, non-coding RNA; gi|336594628|ref|NR\_038915.1| Homo sapiens uncharacterized LOC340037 (LOC
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ng RNA;
JA;
ng RNA;

ng RNA;
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ng RNA;
ng RNA;
ng RNA;
ng RNA;
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ng RNA;
ng RNA;
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ng RNA;
ng RNA;

ng RNA;
t variant 1, non-coding RNA; gi|336595079|ref|NR\_038938.1| Homo sapiens uncharacterized LOC1005
ng RNA;

ng RNA;
ng RNA;
ng RNA;
ng RNA;
l protein 1 (LRPAP1), mRNA;
ng RNA;
t variant 2, non-coding RNA; gi|336595192|ref|NR\_038946.1| Homo sapiens uncharacterized LOC1005
; gi|178057336|ref|NM\_173576.2| Homo sapiens mohawk homeobox (MKX), transcript variant 1, mRN
ng RNA;
t variant 1, non-coding RNA; gi|336595307|ref|NR\_038950.1| Homo sapiens uncharacterized LOC1005
mRNA; gi|336595360|ref|NM\_001142269.2| Homo sapiens gamma-glutamyl carboxylase (GGCX), tran

nt 1, mRNA; gi|56117853|ref|NM\_001007469.1| Homo sapiens hematopoietic cell signal transducer (t
RNA;
t variant 3, non-coding RNA; gi|337298286|ref|NR\_038962.1| Homo sapiens uncharacterized LOC1005
ng RNA;
lA;
ng RNA;
l-coding RNA;
;
ng RNA;
t 1, non-coding RNA; gi|337298468|ref|NR\_038971.1| Homo sapiens uncharacterized LOC283624 (LOC
;
ng RNA;
ng RNA;
non-coding RNA;
;

;
t variant 1, non-coding RNA; gi|337298629|ref|NR\_038980.1| Homo sapiens uncharacterized LOC1005

ng RNA;

ng RNA;

JA;

t variant 1, non-coding RNA; gi|337298835|ref|NR\_038984.1| Homo sapiens uncharacterized LOC1005

A; gi|337298800|ref|NM\_001242739.1| Homo sapiens zinc finger protein 691 (ZNF691), transcript vari

ng RNA;

JA;

ng RNA;

ng RNA;

ng RNA;

ng RNA;

JA;

t variant 2, non-coding RNA; gi|337299654|ref|NR\_038951.1| Homo sapiens uncharacterized LOC1005

ng RNA;

n-coding RNA;

ng RNA;

t variant 1, non-coding RNA; gi|337299693|ref|NR\_038957.1| Homo sapiens uncharacterized LOC1005

protein e receptor (LRP8), transcript variant 2, mRNA; gi|337299694|ref|NM\_004631.4| Homo sapiens

ng RNA;

ript variant 1, mRNA; gi|337752169|ref|NM\_001242758.1| Homo sapiens major histocompatibility cor

ng RNA;

t variant 2, non-coding RNA; gi|337756394|ref|NR\_039975.1| Homo sapiens uncharacterized LOC1005

ng RNA;

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ng RNA;

ng RNA;

ng RNA;

ng RNA;

ng RNA;

pendent) 1-like (MTHFD1L), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; g

ng RNA; gi|341915002|ref|XR\_133567.1| PREDICTED: Homo sapiens hypothetical LOC100507404 (LOC

;

, non-coding RNA;

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), non-coding RNA;

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on-coding RNA;

ng RNA;  
λ;

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ng RNA;

169), mRNA;









(DLGAP1), transcript variant 6, mRNA; gi|338221670|ref|NM\_001242761.1| Homo sapiens discs, large  
ng RNA;  
61B-AS1), transcript variant 2, non-coding RNA; gi|338221684|ref|NR\_039995.1| Homo sapiens TMEM  
ng RNA;  
ng RNA;  
ng RNA;  
ng RNA;  
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;  
olar RNA;  
riant 2, mRNA; gi|338222096|ref|NM\_001242776.1| Homo sapiens transmembrane protein 139 (TMEI  
t 2, non-coding RNA; gi|338221720|ref|NR\_040004.1| Homo sapiens uncharacterized LOC401074 (LOC

; RNA;  
script variant 1, mRNA; gi|338753378|ref|NR\_040011.1| Homo sapiens uncharacterized LOC10050638

, non-coding RNA; gi|311893362|ref|NM\_001198868.1| Homo sapiens calpain 1, (mu/l) large subunit (l-cells, kinase beta (IKBKB), transcript variant 7, mRNA; gi|299758416|ref|NR\_033818.1| Homo sapiens (NN1D), transcript variant 1, mRNA; gi|338753364|ref|NR\_037668.2| Homo sapiens sodium channel, n (887), non-coding RNA;

e (FAM172BP), non-coding RNA;

og G (avian) (MAFG), transcript variant 1, mRNA; gi|338753369|ref|NM\_032711.3| Homo sapiens v-ma  
ing RNA;

non-coding RNA;

;

RNA;

; 2, non-coding RNA; gi|338797699|ref|NM\_006134.6| Homo sapiens transmembrane protein 50B (TM  
ant 2, mRNA; gi|338753389|ref|NM\_003449.4| Homo sapiens tripartite motif containing 26 (TRIM26), l  
rboxylase (ATP-hydrolysing)) ligase) (HLCS), transcript variant 3, mRNA; gi|338753399|ref|NM\_001242;  
ng RNA;

tion initiation factor IIIB (S. cerevisiae) (BRF1), transcript variant 4, mRNA; gi|338753411|ref|NM\_0012  
t variant 2, non-coding RNA; gi|338753404|ref|NR\_040018.1| Homo sapiens uncharacterized LOC1005

;

A; gi|338753427|ref|NM\_014669.4| Homo sapiens nucleoporin 93kDa (NUP93), transcript variant 1, m  
, transcript variant 3, mRNA; gi|338797753|ref|NR\_038934.1| Homo sapiens calmodulin binding transc

lase-like protein FLJ16323 (LOC100506422), mRNA;

ng RNA;

ng RNA;

on-coding RNA;

RNA; gi|338797710|ref|NM\_001242799.1| Homo sapiens zinc finger protein 322 (ZNF322), transcript  
ng RNA;

ng RNA; gi|338797716|ref|NR\_040025.1| Homo sapiens uncharacterized LOC100505474 (LOC1005054  
t 2, non-coding RNA; gi|338797718|ref|NR\_040027.1| Homo sapiens uncharacterized LOC284408 (LOC

RNA; gi|338797723|ref|NM\_001242801.1| Homo sapiens zinc finger protein 790 (ZNF790), transcript  
;

ion-coding RNA;

NA;

RNA;

ng RNA;  
e) (PRRG4), mRNA;  
;  
nt 1, mRNA; gi|338797743|ref|NM\_199330.2| Homo sapiens homer homolog 2 (Drosophila) (HOMER2  
;  
on-coding RNA;  
ng RNA;  
  
ng RNA;  
;  
;  
ng RNA;  
t variant 1, non-coding RNA; gi|338797759|ref|NR\_040042.1| Homo sapiens uncharacterized LOC1005  
: 6, mRNA; gi|168229154|ref|NM\_207189.2| Homo sapiens bromodomain, testis-specific (BRDT), trans  
  
!, mRNA; gi|338797776|ref|NM\_001242813.1| Homo sapiens ankyrin repeat domain 6 (ANKRD6), tran:  
  
ng RNA;  
, non-coding RNA;  
  
A;  
ng RNA;  
  
EF8), transcript variant 4, mRNA; gi|338797793|ref|NM\_001242818.1| Homo sapiens differentially exp  
  
t variant 2, non-coding RNA; gi|338797806|ref|NR\_040049.1| Homo sapiens uncharacterized LOC1005  
ng RNA;  
ling RNA; gi|338827614|ref|NM\_194358.2| Homo sapiens ring finger protein 41 (RNF41), transcript var  
t variant 4, non-coding RNA; gi|338827620|ref|NR\_040054.1| Homo sapiens uncharacterized LOC1005  
!|ref|NM\_012241.4| Homo sapiens sirtuin 5 (SIRT5), transcript variant 1, mRNA; gi|338827627|ref|NM  
;  
ng RNA;  
t variant 3, non-coding RNA; gi|338827633|ref|NR\_040060.1| Homo sapiens uncharacterized LOC1001  
{RNA;  
ig RNA;  
mRNA; gi|338827652|ref|NM\_001242831.1| Homo sapiens ELOVL fatty acid elongase 5 (ELOVL5), tran  
;  
t variant 5, non-coding RNA; gi|338827654|ref|NR\_040066.1| Homo sapiens uncharacterized LOC1002  
  
AP2), transcript variant 1, mRNA; gi|338827662|ref|NM\_001242832.1| Homo sapiens ADP-ribosylation  
ng RNA;  
coding RNA; gi|338827675|ref|NM\_001242836.1| Homo sapiens NDRG family member 4 (NDRG4), tra  
0131234), non-coding RNA;  
t variant 2, non-coding RNA; gi|338827679|ref|NR\_040074.1| Homo sapiens uncharacterized LOC1002  
'2A2), transcript variant 1, mRNA; gi|338827683|ref|NM\_012305.3| Homo sapiens adaptor-related pro  
ng RNA;  
ng RNA;

3), non-coding RNA;

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), mRNA;

ng RNA;

ng RNA;

oding RNA; gi|378744160|ref|NM\_001256824.1| Homo sapiens zinc finger protein 195 (ZNF195), trans

ng RNA;

ng RNA;

coding RNA; gi|291167750|ref|NM\_017438.3| Homo sapiens SET domain containing 4 (SETD4), transcr

ng RNA;

transcript variant 4, mRNA; gi|338827744|ref|NM\_012402.3| Homo sapiens ADP-ribosylation factor in

seudogene (CYP21A1P), non-coding RNA; gi|341916202|ref|XR\_132911.1| PREDICTED: Homo sapiens cy

CB), transcript variant 4, mRNA; gi|338827756|ref|NM\_001242859.1| Homo sapiens protein kinase, cA

ariant 1, mRNA; gi|338827764|ref|NM\_001242863.1| Homo sapiens ecto-NOX disulfide-thiol exchange

t variant 1, non-coding RNA; gi|338968836|ref|NR\_040092.1| Homo sapiens uncharacterized LOC1005

pt variant 4, mRNA; gi|338968837|ref|NM\_001535.3| Homo sapiens protein arginine methyltransferas

ng RNA;

script variant 1, mRNA; gi|338968846|ref|NM\_201274.3| Homo sapiens myosin phosphatase Rho inter

;, long cytoplasmic tail, 2 (KIR3DL2), transcript variant 2, mRNA; gi|338968848|ref|NM\_006737.3| Hom

A; gi|338968849|ref|NM\_006463.4| Homo sapiens STAM binding protein (STAMBP), transcript variant

;

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;

ant 5, mRNA; gi|98986336|ref|NM\_144595.3| Homo sapiens SLAIN motif family, member 1 (SLAIN1), ti

ng RNA;

2, mRNA; gi|338968875|ref|NR\_040101.1| Homo sapiens kelch domain containing 3 (KLHDC3), transcr

l), non-coding RNA;

NA; gi|75709224|ref|NM\_002744.4| Homo sapiens protein kinase C, zeta (PRKCZ), transcript variant 1,

nscrip variant 6, mRNA; gi|338968912|ref|NR\_040110.1| Homo sapiens elongation protein 2 homolo

cript variant 2, mRNA; gi|338968903|ref|NR\_040103.1| Homo sapiens carbohydrate kinase domain coi

;

ng RNA;

;

ng RNA;

ng RNA;

lase) (DDC), transcript variant 7, mRNA; gi|338968918|ref|NM\_001242888.1| Homo sapiens dopa deca

, transcript variant 6, mRNA; gi|338968929|ref|NM\_001242891.1| Homo sapiens cold shock domain co

NKRD62P1-PARP4P3), non-coding RNA;

3, mRNA; gi|339275803|ref|NM\_006227.3| Homo sapiens phospholipid transfer protein (PLTP), trans

udogene (CYP2G1P), non-coding RNA;

1), non-coding RNA;  
transcript variant 1, mRNA; gi|339275830|ref|NM\_001242923.1| Homo sapiens eukaryotic translation  
2), transcript variant 2, mRNA; gi|291219892|ref|NM\_014858.3| Homo sapiens transmembrane and c  
RNA; gi|339275842|ref|NM\_001242926.1| Homo sapiens zinc finger protein 410 (ZNF410), transcript  
2364), non-coding RNA;  
(ANKS3), transcript variant 3, non-coding RNA; gi|339275866|ref|NM\_001242929.1| Homo sapiens an  
;

ng RNA;  
variant 2, mRNA; gi|339275975|ref|NM\_001242903.1| Homo sapiens A kinase (PRKA) anchor protein 1 (  
A;

2, mRNA; gi|339276099|ref|NM\_023075.5| Homo sapiens metallophosphoesterase 1 (MPPE1), transcr  
, transcript variant 1, mRNA; gi|339275992|ref|NM\_001242906.1| Homo sapiens activating signal point

on-coding RNA;  
ng RNA;  
F2L), transcript variant 1, mRNA; gi|339276001|ref|NM\_024979.4| Homo sapiens MCF.2 cell line deriv  
9276102|ref|NM\_001242910.1| Homo sapiens R-spondin 1 (RSPO1), transcript variant 4, mRNA; gi|33  
RNA;  
peptide 2 (B4GALT2), transcript variant 2, mRNA; gi|339276012|ref|NM\_030587.2| Homo sapiens UDP-  
(ANKRD20A5P), non-coding RNA;  
ene 1 (AP1B1P1), non-coding RNA;  
script variant 2, mRNA; gi|339276020|ref|NM\_001242895.1| Homo sapiens zinc finger with KRAB and  
ng RNA;  
RNA; gi|339276034|ref|NM\_001007188.2| Homo sapiens DEP domain containing 5 (DEPDC5), transcri  
transcript variant 1, mRNA; gi|339276043|ref|NM\_001242900.1| Homo sapiens protein phosphatase 6  
A;  
script variant 1, mRNA; gi|339276050|ref|NM\_001037631.2| Homo sapiens cytotoxic T-lymphocyte-ass  
1, mRNA; gi|339276051|ref|NR\_040116.1| Homo sapiens N-ethylmaleimide-sensitive factor (NSF), tra  
ipt variant 2, mRNA; gi|339276052|ref|NM\_139244.4| Homo sapiens syntaxin binding protein 5 (tomo  
on-coding RNA;  
ariant 5, mRNA; gi|339276057|ref|NM\_019006.3| Homo sapiens zinc finger, AN1-type domain 6 (ZFANC  
?), mRNA;  
OC100506888), mRNA;  
339409188|ref|NM\_148955.3| Homo sapiens sorting nexin 1 (SNX1), transcript variant 2, mRNA; gi|339  
nRNA;  
t variant 1A, mRNA; gi|76563939|ref|NM\_005460.2| Homo sapiens synuclein, alpha interacting protein

: 2, non-coding RNA; gi|339409225|ref|NR\_040288.1| Homo sapiens aldo-keto reductase family 7-like (

r 3 (SLC8A3), transcript variant c, mRNA; gi|33946302|ref|NM\_058240.2| Homo sapiens solute carrier 1



i, mRNA; gi|148536870|ref|NM\_182944.2| Homo sapiens ninein (GSK3B interacting protein) (NIN), tran

l), mRNA;

lix protein (ID2), mRNA;

3), transcript variant 1, mRNA; gi|339515659|ref|NM\_001242936.1| Homo sapiens family with sequenc

cript variant 2, mRNA; gi|339639565|ref|NM\_001242948.1| Homo sapiens ependymin related protein

3595|ref|NM\_001011553.3| Homo sapiens septin 7 (SEPT7), transcript variant 2, mRNA; gi|339639594

ant 3, mRNA; gi|334724434|ref|NM\_005906.4| Homo sapiens male germ cell-associated kinase (MAK)

3, mRNA; gi|339715199|ref|NM\_002582.3| Homo sapiens poly(A)-specific ribonuclease (PARN), trans

nsript variant 2, mRNA; gi|339882742|ref|NM\_002117.5| Homo sapiens major histocompatibility cor

gi|340007381|ref|NM\_022075.4| Homo sapiens ceramide synthase 2 (CERS2), transcript variant 2, mRN

non-coding RNA;

ng RNA;

ranscript variant 1, mRNA; gi|339895854|ref|NM\_001243028.1| Homo sapiens v-akt murine thymoma

RNA; gi|339895888|ref|NM\_001243007.1| Homo sapiens prospero homeobox 2 (PROX2), transcript va

in, y+L system), member 7 (SLC7A7), transcript variant 2, mRNA; gi|339895890|ref|NM\_001126106.2|

l), non-coding RNA;

od group) (ICAM4), transcript variant 2, mRNA; gi|340139809|ref|NM\_001039132.2| Homo sapiens int

B4), transcript variant 1, mRNA; gi|340523124|ref|NM\_001684.4| Homo sapiens ATPase, Ca++ transpo

nRNA; gi|340523139|ref|NM\_001949.4| Homo sapiens E2F transcription factor 3 (E2F3), transcript vari

545509|ref|NM\_001243078.1| Homo sapiens CD28 molecule (CD28), transcript variant 3, mRNA; gi|34

5), transcript variant 3, mRNA; gi|340545518|ref|NM\_001243081.1| Homo sapiens E74-like factor 5 (et

; gi|340545539|ref|NM\_202002.2| Homo sapiens forkhead box M1 (FOXO1), transcript variant 1, mRN

40545554|ref|NM\_199335.3| Homo sapiens FYN binding protein (FYB), transcript variant 2, mRNA; gi|

nsript variant 2, mRNA; gi|340745327|ref|NM\_018265.3| Homo sapiens chromosome 1 open reading

g (LYN), transcript variant 1, mRNA; gi|340745348|ref|NM\_001111097.2| Homo sapiens v-yes-1 Yama

, transcript variant 3, mRNA; gi|340745350|ref|NM\_002530.3| Homo sapiens neurotrophic tyrosine kir

40805822|ref|NM\_001243108.1| Homo sapiens phospholipase D2 (PLD2), transcript variant 2, mRNA;

ng RNA;

er in B-cells inhibitor, beta (NFKBIB), transcript variant 2, mRNA; gi|340805845|ref|NR\_040515.1| Hom

gase (SKP2), transcript variant 2, mRNA; gi|340805878|ref|NM\_005983.3| Homo sapiens S-phase kinas

4;

ig 1 (DBNDD1), transcript variant 2, mRNA; gi|110815837|ref|NM\_001042610.1| Homo sapiens dysbin

actor homolog (zebrafish) (PPDPF), mRNA;

ID5), mRNA;

A;  
rRNA;  
A;

.NA;  
VA;

iae) (CWC25), mRNA;  
ike 2 (NDUFA4L2), mRNA;

43878|ref|NM\_001122898.1| Homo sapiens CD99 molecule (CD99), transcript variant 2, mRNA;

transporter), member 10 (SLC25A10), nuclear gene encoding mitochondrial protein, mRNA;

9H2), transcript variant 3, mRNA; gi|301171596|ref|NM\_001193425.1| Homo sapiens suppressor of v:  
nce protein, homolog (S. cerevisiae) (TAMM41), nuclear gene encoding mitochondrial protein, mRNA;

e) (DUS2L), mRNA;

.NA;  
A1), mRNA;

icetylglactosaminide alpha-2,6-sialyltransferase 6 (ST6GALNAC6), mRNA;

ding mitochondrial protein, mRNA;

siae) (RMND5B), mRNA;

nila) (TLE1), mRNA;

ript variant 1, mRNA; gi|341572584|ref|NM\_130811.2| Homo sapiens synaptosomal-associated protein  
ng RNA;

t 1, mRNA; gi|341572594|ref|NM\_152991.2| Homo sapiens embryonic ectoderm development (EED),

ranscript variant 3, mRNA; gi|341604744|ref|NM\_001100913.2| Homo sapiens phosphofurin acidic clu

gi|341604754|ref|NM\_001003715.3| Homo sapiens RecQ protein-like 5 (RECQL5), transcript variant 2,

riant 4, non-coding RNA; gi|341604765|ref|NM\_001098819.2| Homo sapiens phosphodiesterase 4C, c

NA; gi|341604766|ref|NM\_033251.2| Homo sapiens ribosomal protein L13 (RPL13), transcript variant

RNA; gi|341823662|ref|NM\_002603.3| Homo sapiens phosphodiesterase 7A (PDE7A), transcript varian

ember 1 (SULT1A1), transcript variant 5, mRNA; gi|341823665|ref|NM\_001055.3| Homo sapiens sulfo

NA;

LI3), transcript variant 3, mRNA; gi|341823688|ref|NM\_001243136.1| Homo sapiens pellino E3 ubiquit

elix protein (ID1), transcript variant 2, mRNA; gi|341865544|ref|NM\_002165.3| Homo sapiens inhibito

ript variant 1, mRNA; gi|341865549|ref|NM\_001161576.2| Homo sapiens sterile alpha motif domain c

ranscript variant 6, mRNA; gi|341865559|ref|NM\_001243142.1| Homo sapiens nucleolar and spindle a

341865578|ref|NM\_001243146.1| Homo sapiens nuclear VCP-like (NVL), transcript variant 3, mRNA; gi

r-coding RNA; gi|341865586|ref|NR\_040586.1| Homo sapiens stromal antigen 3-like 4 (STAG3L4), trans

2 (MAPKAPK2), transcript variant 1, mRNA; gi|341865588|ref|NM\_032960.3| Homo sapiens mitogen-a

miscRNA; gi|310120432|ref|XR\_109002.1| PREDICTED: Homo sapiens hypothetical LOC100507059 (LO

miscRNA;

.00653268), mRNA;

miscRNA;

miscRNA; gi|310120439|ref|XR\_109009.1| PREDICTED: Homo sapiens hypothetical LOC100507228 (LO

miscRNA; gi|310120435|ref|XR\_109005.1| PREDICTED: Homo sapiens hypothetical LOC100507143 (LO

miscRNA;

rtaining protein C10orf112-like (LOC100653216), mRNA;

miscRNA;

2 (LOC100653181), miscRNA; gi|341913658|ref|XR\_132926.1| PREDICTED: Homo sapiens hypothetica

.00505906), mRNA; gi|341915515|ref|XM\_003118994.2| PREDICTED: Homo sapiens hypothetical prote

iscRNA;

2 (LOC100506913), miscRNA; gi|341913668|ref|XR\_132932.1| PREDICTED: Homo sapiens hypothetica

miscRNA; gi|310120498|ref|XR\_110401.1| PREDICTED: Homo sapiens hypothetical LOC100506769 (LO

miscRNA; gi|310120512|ref|XR\_110409.1| PREDICTED: Homo sapiens hypothetical LOC100507058 (LOC100507058), miscRNA; gi|310120523|ref|XR\_110418.1| PREDICTED: Homo sapiens hypothetical LOC100507280 (LOC100507280), miscRNA; gi|341913675|ref|XR\_132939.1| PREDICTED: Homo sapiens hypothetical LOC100507310 (LOC100507310), miscRNA; gi|341913689|ref|XM\_003403629.1| PREDICTED: Homo sapiens cadherin-23-like, transcript variant 2A-like (LOC100507310), mRNA; gi|310120546|ref|XR\_110441.1| PREDICTED: Homo sapiens hypothetical LOC100505561 (LOC100505561), mRNA; gi|341915518|ref|XR\_110453.2| PREDICTED: Homo sapiens hypothetical LOC100505856 (LOC100505856), mRNA; gi|341915540|ref|XR\_109035.2| PREDICTED: Homo sapiens hypothetical LOC100506167 (LOC100506167), miscRNA; gi|310120675|ref|XR\_109050.1| PREDICTED: Homo sapiens hypothetical LOC100507417 (LOC100507417), miscRNA; gi|310120656|ref|XR\_109038.1| PREDICTED: Homo sapiens hypothetical LOC100507128 (LOC100507128), miscRNA; gi|310120653|ref|XR\_109076.1| PREDICTED: Homo sapiens hypothetical LOC100506675 (LOC100506675), transcript variant 1 (LOC100506675), mRNA; gi|341915545|ref|XM\_003403451.1| PREDICTED: Homo sapiens hypothetical protein MS4A18, member 18 (MS4A18), mRNA; gi|341915555|ref|XM\_001715696.3| PREDICTED: Homo sapiens melanophilin-1B (MLN1B), mRNA; gi|341915558|ref|XR\_132896.1| PREDICTED: Homo sapiens hypothetical LOC100129473 (LOC100129473), miscRNA; gi|341915570|ref|XR\_110521.2| PREDICTED: Homo sapiens hypothetical LOC100506941 (LOC100506941), mRNA; gi|310120791|ref|XR\_110527.1| PREDICTED: Homo sapiens hypothetical LOC100507077 (LOC100507077), mRNA; gi|341915575|ref|XR\_132807.1| PREDICTED: Homo sapiens hypothetical LOC100507431 (LOC100507431), mRNA; gi|341915576|ref|XR\_132808.1| PREDICTED: Homo sapiens chromosome 11 open reading frame 39 (ORF39), mRNA; gi|310122811|ref|XR\_110539.1| PREDICTED: Homo sapiens hypothetical LOC100507510 (LOC100507510), mRNA; gi|341915588|ref|XR\_132581.1| PREDICTED: Homo sapiens uncharacterized protein LOC100506578 (LOC100506578), mRNA; gi|341915583|ref|XM\_003118643.2| PREDICTED: Homo sapiens prothymosin alpha-like (LOC100506578), mRNA; gi|341915583|ref|XM\_003118643.2| PREDICTED: Homo sapiens prothymosin alpha-like (LOC100506578), mRNA;

miscRNA;  
 miscRNA; gi|341915597|ref|XR\_132769.1| PREDICTED: Homo sapiens hypothetical LOC100505923 (LOC100653270), miscRNA; gi|341913801|ref|XR\_132993.1| PREDICTED: Homo sapiens hypothetical LOC100653271), mRNA;  
 pseudogene 2 (ARL2BPP2), miscRNA; gi|341915600|ref|XR\_132770.1| PREDICTED: Homo sapiens ADP-ribosyl transferase 1 (LOC100653221), miscRNA; gi|341913812|ref|XR\_133002.1| PREDICTED: Homo sapiens hypothetical LOC100653227), mRNA;  
 , miscRNA;  
 miscRNA;  
 12orf28), mRNA; gi|341915626|ref|XM\_001718908.2| PREDICTED: Homo sapiens chromosome 12 open reading frame 1 (LOC100506869), miscRNA; gi|341915621|ref|XR\_110367.2| PREDICTED: Homo sapiens hypothetical LOC100653271), mRNA;  
 LOC100653278), mRNA;  
 LOC100653272), mRNA;  
 miscRNA; gi|310122957|ref|XR\_110330.1| PREDICTED: Homo sapiens hypothetical LOC100505645 (LOC100653272), mRNA;  
 miscRNA; gi|310122946|ref|XR\_110327.1| PREDICTED: Homo sapiens hypothetical LOC100507594 (LOC100653272), mRNA;  
 12orf63), mRNA; gi|341915608|ref|XM\_003118942.2| PREDICTED: Homo sapiens chromosome 12 open reading frame 63-like (LOC100653304), mRNA;  
 e-like (LOC732360), miscRNA;  
 miscRNA;  
 miscRNA;  
 miscRNA;  
 LOC100653341), mRNA;  
 A; gi|310123016|ref|XR\_110132.1| PREDICTED: Homo sapiens hypothetical LOC400099 (LOC400099), mRNA;  
 2 (LOC100505610), miscRNA; gi|341915652|ref|XR\_110134.2| PREDICTED: Homo sapiens hypothetical LOC100653321), mRNA;  
 2 (LOC100653321), miscRNA; gi|341913865|ref|XR\_133022.1| PREDICTED: Homo sapiens hypothetical LOC100653321), mRNA;  
 CS-AS1), miscRNA; gi|310123021|ref|XR\_110106.1| PREDICTED: Homo sapiens SACS antisense RNA 1 (LOC100653321), mRNA;  
 miscRNA; gi|341915655|ref|XR\_132735.1| PREDICTED: Homo sapiens hypothetical LOC100132234 (LOC100653321), mRNA;  
 5656|ref|XR\_132736.1| PREDICTED: Homo sapiens hCG1815504 (LOC440132), miscRNA;  
 miscRNA;  
 miscRNA;  
 se and tensin homolog 2 pseudogene 2 (TPTE2P2), miscRNA; gi|341915637|ref|XR\_132729.1| PREDICTED: Homo sapiens se and tensin homolog 2 pseudogene 2 (TPTE2P2), mRNA;  
 , mRNA; gi|341915643|ref|XM\_003403513.1| PREDICTED: Homo sapiens leucine rich repeat containing protein 1 (LOC100507505), mRNA; gi|310123051|ref|XM\_003118893.1| PREDICTED: Homo sapiens hypothetical protein LOC100653321), mRNA;  
 36), mRNA; gi|310123053|ref|XM\_001133153.2| PREDICTED: Homo sapiens hypothetical protein LOC100653321), mRNA;  
 miscRNA; gi|341915638|ref|XR\_132730.1| PREDICTED: Homo sapiens hypothetical LOC100288208 (LOC100653321), mRNA;  
 miscRNA; gi|310123059|ref|XR\_110130.1| PREDICTED: Homo sapiens hypothetical LOC100505518 (LOC100653321), mRNA;  
 G1), mRNA; gi|341915648|ref|XM\_001133269.5| PREDICTED: Homo sapiens immunoresponsive 1 homolog 1 (LOC100653321), mRNA;  
 miscRNA;  
 : (LOC100653112), mRNA;  
 nRNA;  
 miscRNA; gi|310124559|ref|XR\_110304.1| PREDICTED: Homo sapiens hypothetical LOC100505996 (LOC100653321), mRNA;  
 miscRNA;  
 miscRNA; gi|310123091|ref|XR\_110279.1| PREDICTED: Homo sapiens hypothetical LOC100506157 (LOC100653321), mRNA;  
 C100653093), mRNA;

-like (LOC100653103), mRNA;  
miscRNA;  
miscRNA;  
2 (LOC100506412), miscRNA; gi|341913906|ref|XR\_133041.1| PREDICTED: Homo sapiens hypotheticala  
miscRNA;  
miscRNA; gi|310123126|ref|XR\_110222.1| PREDICTED: Homo sapiens hypothetical LOC100506498 (LO  
miscRNA;  
miscRNA; gi|310123144|ref|XR\_110235.1| PREDICTED: Homo sapiens hypothetical LOC100506817 (LO  
miscRNA; gi|310123143|ref|XR\_110236.1| PREDICTED: Homo sapiens hypothetical LOC100506832 (LO  
miscRNA;  
1 (LOC100506792), miscRNA; gi|310123141|ref|XR\_110234.1| PREDICTED: Homo sapiens hypotheticala  
miscRNA; gi|341915662|ref|XR\_132751.1| PREDICTED: Homo sapiens hypothetical LOC100128075 (LO  
miscRNA; gi|310123130|ref|XR\_110227.1| PREDICTED: Homo sapiens hypothetical LOC100506624 (LO  
miscRNA;  
miscRNA; gi|341915666|ref|XR\_132755.1| PREDICTED: Homo sapiens hypothetical LOC100128366 (LO  
00509553), miscRNA;  
.00653084), mRNA;  
ing 7 (VSIG7), mRNA; gi|341915693|ref|XM\_003403542.1| PREDICTED: Homo sapiens V-set and immui  
α-containing protein 6-like (LOC642131), mRNA; gi|310124588|ref|XM\_001716834.2| PREDICTED: Hon  
α-containing protein 6-like (LOC100134397), mRNA;  
miscRNA; gi|310123204|ref|XR\_110300.1| PREDICTED: Homo sapiens hypothetical LOC100506965 (LO  
IPP10-like (LOC100653133), miscRNA;  
ntaining protein 5B-like (LOC100653145), mRNA;  
.00653153), mRNA;  
miscRNA; gi|310123287|ref|XR\_109174.1| PREDICTED: Homo sapiens hypothetical LOC100507480 (LO  
2 (LOC100508892), miscRNA; gi|310110754|ref|XR\_111506.1| PREDICTED: Homo sapiens hypotheticala  
.00289090), mRNA; gi|310123296|ref|XM\_002343339.2| PREDICTED: Homo sapiens hypothetical prote  
miscRNA; gi|341915722|ref|XR\_109158.2| PREDICTED: Homo sapiens hypothetical LOC100130579 (LO  
|341915715|ref|XR\_132593.1| PREDICTED: Homo sapiens hypothetical FLJ38723 (FLJ38723), miscRNA;  
miscRNA;  
miscRNA; gi|310123300|ref|XR\_109188.1| PREDICTED: Homo sapiens hypothetical LOC100506104 (LO  
miscRNA;  
miscRNA;  
e (LOC100509507), miscRNA;  
.00653074), mRNA;  
miscRNA; gi|341915725|ref|XR\_132594.1| PREDICTED: Homo sapiens hypothetical LOC100129502 (LO  
miscRNA; gi|341915726|ref|XR\_132595.1| PREDICTED: Homo sapiens hypothetical LOC100507079 (LO  
27|ref|XR\_109223.2| PREDICTED: Homo sapiens AGVR6190 (LOC643797), miscRNA;  
miscRNA;  
miscRNA; gi|310123396|ref|XR\_109226.1| PREDICTED: Homo sapiens hypothetical LOC100507288 (LO  
miscRNA; gi|310123395|ref|XR\_109227.1| PREDICTED: Homo sapiens hypothetical LOC100507311 (LO  
miscRNA; gi|310123539|ref|XR\_109281.1| PREDICTED: Homo sapiens hypothetical LOC100506914 (LO  
.00653249), mRNA;  
miscRNA;  
553259), miscRNA;  
01847), mRNA; gi|341915779|ref|XM\_001718104.4| PREDICTED: Homo sapiens ig heavy chain V-III reg

:731605), partial miscRNA;  
204), miscRNA;  
1 (LOC100653273), miscRNA; gi|341914000|ref|XR\_133103.1| PREDICTED: Homo sapiens hypothetical protein 1 (LOC100653273), miscRNA; gi|341915940|ref|XR\_110941.2| PREDICTED: Homo sapiens hydrocephalus inducing factor 1 (LOC100653273), miscRNA; gi|341915979|ref|XR\_132614.1| PREDICTED: Homo sapiens peptidyl-prolyl cis-trans isomerase 1 (LOC100653085), miscRNA;  
1 (LOC100653213), miscRNA; gi|341914007|ref|XR\_133109.1| PREDICTED: Homo sapiens hypothetical protein 1 (LOC100653213), miscRNA; gi|341915982|ref|XR\_109335.2| PREDICTED: Homo sapiens hypothetical protein 1 (LOC100653213), miscRNA; gi|310123415|ref|XR\_109234.1| PREDICTED: Homo sapiens hypothetical protein 1 (LOC100653213), mRNA;  
miscRNA;  
miscRNA; gi|310123426|ref|XR\_109244.1| PREDICTED: Homo sapiens hypothetical protein 1 (LOC100653213), mRNA;  
miscRNA;  
.00653293), mRNA;  
miscRNA; gi|341915748|ref|XR\_109257.2| PREDICTED: Homo sapiens hypothetical protein 1 (LOC100653293), mRNA;  
miscRNA; gi|310123476|ref|XR\_109260.1| PREDICTED: Homo sapiens hypothetical protein 1 (LOC100653293), mRNA;  
miscRNA; gi|341915785|ref|XR\_132625.1| PREDICTED: Homo sapiens protein mago nashi homolog 1 (LOC100653158), mRNA;  
miscRNA; gi|341915782|ref|XR\_132624.1| PREDICTED: Homo sapiens hypothetical protein 1 (LOC100653158), mRNA;  
miscRNA; gi|310123573|ref|XR\_109351.1| PREDICTED: Homo sapiens hypothetical protein 1 (LOC100653158), mRNA;  
.00653196), mRNA;  
.00653318), mRNA;  
miscRNA;  
1 (LOC100653189), miscRNA; gi|341914047|ref|XR\_133125.1| PREDICTED: Homo sapiens hypothetical protein 1 (LOC100653189), miscRNA; gi|341915788|ref|XR\_132626.1| PREDICTED: Homo sapiens hypothetical protein 1 (LOC100653189), mRNA;  
complex subunit 4-like (LOC100288420), miscRNA; gi|341915792|ref|XR\_132629.1| PREDICTED: Homo sapiens hypothetical protein 1 (LOC100288420), mRNA;  
channel 12-like (LOC100653095), mRNA;  
.00653224), mRNA;  
miscRNA;  
miscRNA;  
00505873), miscRNA; gi|341915817|ref|XR\_132638.1| PREDICTED: Homo sapiens putative apoptosis-regulated protein 1 (LOC100505873), miscRNA; gi|341915816|ref|XR\_109384.2| PREDICTED: Homo sapiens hypothetical protein 1 (LOC100505873), mRNA;  
miscRNA; gi|341915818|ref|XR\_109388.2| PREDICTED: Homo sapiens hypothetical protein 1 (LOC100505873), mRNA;  
miscRNA; gi|217035090|ref|NR\_024560.1| Homo sapiens MAPT intronic transcript 1 (non-protein coding) (LOC100505090), mRNA;  
miscRNA;  
miscRNA; gi|310123664|ref|XR\_109392.1| PREDICTED: Homo sapiens hypothetical protein 1 (LOC100506252) (LOC100506252), mRNA;  
|341915821|ref|XR\_109407.2| PREDICTED: Homo sapiens hypothetical protein 1 (LOC100506252), mRNA;  
miscRNA; gi|341915822|ref|XR\_109409.2| PREDICTED: Homo sapiens hypothetical protein 1 (LOC100506252), mRNA;  
.00653096), mRNA;  
gi|341915803|ref|XR\_132635.1| PREDICTED: Homo sapiens protein FAM136A-like (LOC390806), miscRNA;  
miscRNA; gi|310123698|ref|XR\_109418.1| PREDICTED: Homo sapiens hypothetical protein 1 (LOC100506882) (LOC100506882), mRNA;  
udogene (LOC100509290), miscRNA;  
miscRNA;  
.00653205), mRNA;  
.00653230), mRNA;  
1 (LOC100507520), miscRNA; gi|310123730|ref|XR\_109440.1| PREDICTED: Homo sapiens hypothetical protein 1 (LOC100507520), mRNA;  
.00505970), mRNA; gi|310123739|ref|XM\_003118729.1| PREDICTED: Homo sapiens hypothetical protein 1 (LOC100507520), mRNA;

miscRNA;  
 00344348-like (LOC100653277), mRNA;  
 f61), miscRNA; gi|341915991|ref|XR\_132643.1| PREDICTED: Homo sapiens chromosome 18 open read  
 .00288902), mRNA; gi|341915941|ref|XM\_002343872.2| PREDICTED: Homo sapiens hypothetical prote  
 miscRNA;  
 miscRNA; gi|310123751|ref|XR\_109475.1| PREDICTED: Homo sapiens hypothetical LOC100506837 (LO  
 miscRNA;  
 .00653256), mRNA;  
 (OR2), mRNA; gi|341915831|ref|XM\_001715219.4| PREDICTED: Homo sapiens SKI family transcription  
 miscRNA;  
 miscRNA;  
 miscRNA;  
 miscRNA;  
 miscRNA;  
 5/PRO28630-like (LOC100653254), mRNA;  
 2 (LOC100507353), miscRNA; gi|310123816|ref|XR\_109572.1| PREDICTED: Homo sapiens hypothetica  
 ein), gamma 12-like (LOC648044), mRNA; gi|310123810|ref|XM\_001131322.3| PREDICTED: Homo sap  
 NA; gi|341915836|ref|XR\_132666.1| PREDICTED: Homo sapiens zinc finger protein 709-like (LOC73065  
 miscRNA; gi|341915843|ref|XR\_132669.1| PREDICTED: Homo sapiens hypothetical LOC100287160 (LO  
 iscRNA;  
 |341915840|ref|XM\_001719792.4| PREDICTED: Homo sapiens zinc finger protein 730 (ZNF730), mRNA  
 miscRNA;  
 5 (LOC100506694), miscRNA; gi|341915845|ref|XR\_132649.1| PREDICTED: Homo sapiens hypothetica  
 miscRNA;  
 miscRNA;  
 miscRNA;  
 miscRNA; gi|310123871|ref|XR\_109515.1| PREDICTED: Homo sapiens hypothetical LOC100507359 (LO  
 NA; gi|239746283|ref|XM\_372730.7| PREDICTED: Homo sapiens Ets2 repressor factor-like (LOC39093  
 , mRNA;  
 miscRNA; gi|310123872|ref|XR\_109514.1| PREDICTED: Homo sapiens hypothetical LOC100507342 (LO  
 A; gi|341915852|ref|XR\_109520.2| PREDICTED: Homo sapiens hypothetical LOC400692 (LOC400692), r  
 miscRNA; gi|310123884|ref|XR\_109528.1| PREDICTED: Homo sapiens hypothetical LOC100507591 (LO  
 miscRNA;  
 -like (LOC100653328), mRNA;  
 miscRNA; gi|310123895|ref|XR\_109536.1| PREDICTED: Homo sapiens hypothetical LOC100505585 (LO  
 miscRNA; gi|310123897|ref|XR\_109539.1| PREDICTED: Homo sapiens hypothetical LOC100505639 (LO  
 miscRNA;  
 .00287526), mRNA; gi|310123928|ref|XM\_002343691.2| PREDICTED: Homo sapiens hypothetical prote  
 miscRNA;  
 n 3-like protein-like (LOC339352), miscRNA; gi|341915870|ref|XR\_132662.1| PREDICTED: Homo sapier  
 .OC390956), mRNA; gi|113428305|ref|XM\_372741.4| PREDICTED: Homo sapiens peptidyl-prolyl cis-tra  
 miscRNA;  
 miscRNA; gi|341915862|ref|XR\_132660.1| PREDICTED: Homo sapiens hypothetical LOC100507739 (LO  
 miscRNA; gi|341915861|ref|XR\_109498.2| PREDICTED: Homo sapiens hypothetical LOC100506374 (LO  
 miscRNA;  
 2 (LOC100505794), miscRNA; gi|341914199|ref|XR\_133199.1| PREDICTED: Homo sapiens hypothetica  
 member 6-like protein-like (LOC100293748), mRNA;



miscRNA;  
miscRNA; gi|341915127|ref|XR\_108353.2| PREDICTED: Homo sapiens hypothetical LOC100505623 (LOC100129268), miscRNA; gi|341915130|ref|XR\_108357.2| PREDICTED: Homo sapiens hypothetical  
miscRNA;  
miscRNA; gi|341915121|ref|XR\_132477.1| PREDICTED: Homo sapiens hypothetical LOC100287049 (LOC100287049), miscRNA; gi|341915133|ref|XR\_108294.2| PREDICTED: Homo sapiens hypothetical LOC100505703 (LOC100505703), miscRNA; gi|310118811|ref|XR\_108335.1| PREDICTED: Homo sapiens hypothetical LOC100506838 (LOC100506838),  
miscRNA;  
miscRNA; gi|310118798|ref|XR\_108327.1| PREDICTED: Homo sapiens hypothetical LOC100289488 (LOC100289488), miscRNA; gi|341915118|ref|XR\_108326.2| PREDICTED: Homo sapiens hypothetical LOC100506573 (LOC100506573),  
miscRNA;  
miscRNA; gi|341915113|ref|XR\_132472.1| PREDICTED: Homo sapiens hypothetical LOC100287813 (LOC100287813),  
miscRNA;  
miscRNA;  
4 (FAM108A4), miscRNA; gi|341915139|ref|XR\_110836.2| PREDICTED: Homo sapiens family with sequence homology to FAM108A4, miscRNA;  
miscRNA; gi|310118821|ref|XR\_110854.1| PREDICTED: Homo sapiens hypothetical LOC100506899 (LOC100506899),  
miscRNA;  
miscRNA; gi|310118855|ref|XR\_110855.1| PREDICTED: Homo sapiens hypothetical LOC100506915 (LOC100506915), miscRNA; gi|310118847|ref|XR\_110850.1| PREDICTED: Homo sapiens hypothetical LOC100506778 (LOC100506778),  
[LOC100653240), miscRNA;  
miscRNA; gi|310118535|ref|XR\_108364.1| PREDICTED: Homo sapiens hypothetical LOC100506484 (LOC100506484), miscRNA; gi|310118538|ref|XR\_108365.1| PREDICTED: Homo sapiens hypothetical LOC100506687 (LOC100506687),  
miscRNA;  
miscRNA;  
miscRNA;  
1 (LOC100653331), miscRNA; gi|341914259|ref|XR\_133237.1| PREDICTED: Homo sapiens hypothetical LOC100653331 (LOC100653331),  
miscRNA;  
miscRNA;  
miscRNA; gi|341915093|ref|XR\_132797.1| PREDICTED: Homo sapiens hypothetical LOC100507664 (LOC100507664),  
miscRNA;  
miscRNA;  
miscRNA;  
653141), miscRNA;  
miscRNA; gi|341915101|ref|XM\_003118960.2| PREDICTED: Homo sapiens spermatogenesis associated 1 (SAS1), miscRNA; gi|341915096|ref|XR\_132800.1| PREDICTED: Homo sapiens hypothetical LOC100132240 (LOC100132240),  
miscRNA;  
A; gi|341915094|ref|XR\_132798.1| PREDICTED: Homo sapiens hypothetical LOC149351 (LOC149351), rRNA; gi|310118634|ref|XR\_110490.1| PREDICTED: Homo sapiens hypothetical LOC100506392 (LOC100506392),  
like, transcript variant 6 (LOC100653194), mRNA; gi|341914297|ref|XM\_003403728.1| PREDICTED: Homo sapiens hypothetical LOC100506392 (LOC100506392),  
miscRNA; gi|341916007|ref|XR\_132673.1| PREDICTED: Homo sapiens hypothetical LOC100507579 (LOC100507579), f61), miscRNA; gi|310124492|ref|XR\_109647.1| PREDICTED: Homo sapiens chromosome 20 open read LOC100653231 (LOC100653231),  
mRNA;  
miscRNA;  
miscRNA; gi|310124503|ref|XR\_109654.1| PREDICTED: Homo sapiens hypothetical LOC100505683 (LOC100505683),  
miscRNA;  
miscRNA;

3), mRNA; gi|341914312|ref|XM\_003403732.1| PREDICTED: Homo sapiens EF-hand calcium binding do  
 2 (LOC100505663), miscRNA; gi|310123986|ref|XR\_109599.1| PREDICTED: Homo sapiens hypothetical  
 miscRNA; gi|310124013|ref|XR\_109625.1| PREDICTED: Homo sapiens hypothetical LOC100506175 (LO  
 .00653094), mRNA;  
 miscRNA; gi|310124017|ref|XR\_109627.1| PREDICTED: Homo sapiens hypothetical LOC100291105 (LO  
 i71), mRNA; gi|341915874|ref|XM\_001128100.3| PREDICTED: Homo sapiens hypothetical protein LOC  
 .00653253), mRNA;  
 miscRNA; gi|310124029|ref|XR\_109589.1| PREDICTED: Homo sapiens hypothetical LOC100505735 (LO  
 RNA; gi|341915885|ref|XR\_109590.2| PREDICTED: Homo sapiens hypothetical protein FLJ32154 (FLJ32  
 miscRNA;  
 ein 3-like (LOC100653339), mRNA;  
 .00653263), mRNA;  
 miscRNA;  
 miscRNA; gi|310124056|ref|XR\_109670.1| PREDICTED: Homo sapiens hypothetical LOC100506369 (LO  
 miscRNA; gi|310124058|ref|XR\_109672.1| PREDICTED: Homo sapiens hypothetical LOC100506403 (LO  
 .00653147), mRNA;  
 miscRNA;  
 A;  
 .00653202), mRNA;  
 RNA; gi|341915902|ref|XM\_036729.8| PREDICTED: Homo sapiens ubiquitin specific peptidase 41 (USP4  
 miscRNA;  
 miscRNA;  
 iscRNA;  
 ike (PRAMEL), miscRNA; gi|341915906|ref|XR\_109745.2| PREDICTED: Homo sapiens preferentially exp  
 miscRNA;  
 miscRNA;  
 .00653180), mRNA;  
 miscRNA;  
 miscRNA;  
 .00653219), mRNA;  
 .00653226), mRNA;  
 8 (TTLL8), mRNA; gi|341915912|ref|XM\_003403494.1| PREDICTED: Homo sapiens tubulin tyrosine ligase  
 miscRNA;  
 miscRNA;  
 miscRNA; gi|310118894|ref|XR\_109787.1| PREDICTED: Homo sapiens hypothetical LOC100506455, tra  
 .LOC100288602), mRNA; gi|341915152|ref|XM\_003403504.1| PREDICTED: Homo sapiens peptidyl-prolyl  
 miscRNA; gi|341915154|ref|XR\_132706.1| PREDICTED: Homo sapiens hypothetical LOC100507630 (LO  
 5164|ref|XR\_132708.1| PREDICTED: Homo sapiens hCG2040054 (LOC644093), miscRNA;  
 .00653325), mRNA;  
 miscRNA; gi|341915165|ref|XR\_109990.2| PREDICTED: Homo sapiens hypothetical LOC100506338 (LO  
 miscRNA; gi|310118935|ref|XR\_109941.1| PREDICTED: Homo sapiens hypothetical LOC100507006 (LO  
 miscRNA; gi|310118940|ref|XR\_109945.1| PREDICTED: Homo sapiens hypothetical LOC100507133 (LO  
 miscRNA;  
 3)/PRO9830-like (LOC100653121), mRNA;  
 .00653123), mRNA;  
 653210), mRNA;  
 miscRNA; gi|310118995|ref|XR\_109886.1| PREDICTED: Homo sapiens hypothetical LOC100506890 (LO

miscRNA; gi|310119017|ref|XR\_109905.1| PREDICTED: Homo sapiens hypothetical LOC100505634 (LOC100505634), mRNA; gi|341915185|ref|XM\_001716541.3| PREDICTED: Homo sapiens 5'-nucleotidase domain c (LOC100505634), mRNA; gi|341915183|ref|XM\_003403503.1| PREDICTED: Homo sapiens ig kappa chain V-I (LOC100505634), mRNA;

2 (LOC100653336), miscRNA; gi|341914427|ref|XR\_133309.1| PREDICTED: Homo sapiens hypothetical LOC100653336 (LOC100653336), miscRNA;

CRNA00269-like (LOC100505471), miscRNA; gi|341915182|ref|XR\_132702.1| PREDICTED: Homo sapiens CRNA00269-like (LOC100505471), mRNA;

miscRNA; gi|310119041|ref|XR\_109895.1| PREDICTED: Homo sapiens hypothetical LOC100507474 (LOC100507474), protein-like (LOC100130171), miscRNA; gi|341915190|ref|XR\_132490.1| PREDICTED: Homo sapiens hemoglobin-like (LOC100130171), mRNA;

miscRNA; gi|310119075|ref|XR\_108450.1| PREDICTED: Homo sapiens hypothetical LOC100287375 (LOC100287375), mRNA; gi|341915191|ref|XR\_108401.2| PREDICTED: Homo sapiens hypothetical LOC100506831 (LOC100506831), mRNA;

2 (LOC100507039), miscRNA; gi|310119094|ref|XR\_108414.1| PREDICTED: Homo sapiens hypothetical LOC100507039 (LOC100507039), mRNA;

miscRNA; gi|310119108|ref|XR\_108424.1| PREDICTED: Homo sapiens hypothetical LOC100507380 (LOC100507380), mRNA; gi|341915194|ref|XR\_132491.1| PREDICTED: Homo sapiens histone demethylase UTY-like (DNAP1-IT1) (AGAP1-IT1), miscRNA; gi|310119133|ref|XR\_108380.1| PREDICTED: Homo sapiens AGAP1 intronic transcript (AGAP1-IT1), mRNA;

miscRNA; gi|310119143|ref|XM\_003118518.1| PREDICTED: Homo sapiens rootletin-like (LOC728763), mRNA;

-like (LOC100652926), mRNA; gi|341915217|ref|XM\_003403511.1| PREDICTED: Homo sapiens putative rootletin-like (LOC100652926), mRNA;

miscRNA; gi|310119153|ref|XR\_110029.1| PREDICTED: Homo sapiens hypothetical LOC100507660 (LOC100507660), mRNA;

|239742000|ref|XM\_001717544.2| PREDICTED: Homo sapiens zinc finger protein 852 (ZNF852), mRNA;

miscRNA; gi|341915215|ref|XR\_132715.1| PREDICTED: Homo sapiens 60S ribosomal protein L36-like (LOC100530711), mRNA;

41915211|ref|XM\_002342351.2| PREDICTED: Homo sapiens protease, serine, 43 (PRSS43), mRNA;

.00287063), mRNA; gi|310119185|ref|XM\_002342327.2| PREDICTED: Homo sapiens hypothetical protease (LOC100653148), mRNA;

1 (LOC100507082), miscRNA; gi|341915202|ref|XR\_132711.1| PREDICTED: Homo sapiens hypothetical LOC100507082 (LOC100507082), mRNA;

miscRNA; gi|310119209|ref|XR\_110007.1| PREDICTED: Homo sapiens hypothetical LOC100506758 (LOC100506758), protein-like (LOC100289130), miscRNA; gi|341915220|ref|XR\_110004.2| PREDICTED: Homo sapiens hypothetical LOC100506758 (LOC100506758), protein-like (LOC100289130), mRNA;

5), miscRNA; gi|341915943|ref|XR\_132905.1| PREDICTED: Homo sapiens 60S ribosomal protein L23a-like (LOC285299), mRNA; gi|310124293|ref|XM\_003119203.1| PREDICTED: Homo sapiens FSHD region gene (LOC285299), mRNA;

miscRNA; gi|341915222|ref|XM\_002342390.3| PREDICTED: Homo sapiens protein FAM136A-like (LOC100289130), mRNA; gi|341915227|ref|XM\_003403421.1| PREDICTED: Homo sapiens hypothetical protein FAM136A-like (LOC100289130), mRNA;

miscRNA; gi|310119338|ref|XR\_108534.1| PREDICTED: Homo sapiens hypothetical LOC100505920 (LOC100505920), mRNA;

miscRNA; gi|310119316|ref|XR\_108512.1| PREDICTED: Homo sapiens hypothetical LOC100505508 (LOC100505508), protein-like (LOC100505508), mRNA;

miscRNA; gi|310119313|ref|XR\_108509.1| PREDICTED: Homo sapiens hypothetical LOC100507661 (LOC100507661), protein-like (LOC100507661), mRNA;

miscRNA; gi|310119301|ref|XR\_108503.1| PREDICTED: Homo sapiens hypothetical LOC100507447 (LOC100507447), protein-like (LOC100507447), mRNA; gi|239742159|ref|XM\_496663.5| PREDICTED: Homo sapiens phospholipid scramblase-like (LOC100507447), mRNA;

miscRNA; gi|341915240|ref|XR\_108550.2| PREDICTED: Homo sapiens hypothetical LOC100505937 (LOC100505937), protein-like (LOC100505937), mRNA;

36), miscRNA; gi|341915242|ref|XR\_132500.1| PREDICTED: Homo sapiens uncharacterized protein C9orf136 (LOC100505937), mRNA;

miscRNA; gi|341915243|ref|XR\_132720.1| PREDICTED: Homo sapiens hypothetical LOC100506486 (LOC100506486), protein-like (LOC100506486), mRNA;

miscRNA; gi|310119424|ref|XR\_109822.1| PREDICTED: Homo sapiens hypothetical LOC100507031 (LOC100507031), mRNA;  
miscRNA; gi|341915260|ref|XR\_109841.2| PREDICTED: Homo sapiens hypothetical LOC100505505 (LOC100505505), mRNA;  
A; gi|341915254|ref|XR\_132695.1| PREDICTED: Homo sapiens hypothetical LOC441035 (LOC441035), mRNA;  
miscRNA;  
protein (LOC152586), mRNA; gi|341915247|ref|XM\_003403497.1| PREDICTED: Homo sapiens glycosyltransferase-like (LOC152586), mRNA;  
miscRNA; gi|310119449|ref|XR\_109837.1| PREDICTED: Homo sapiens hypothetical LOC100507639 (LOC100507639), mRNA;  
miscRNA;  
miscRNA; gi|310119454|ref|XR\_109842.1| PREDICTED: Homo sapiens hypothetical LOC100505525 (LOC100505525), mRNA;  
miscRNA; gi|310119457|ref|XR\_109845.1| PREDICTED: Homo sapiens hypothetical LOC100505596 (LOC100505596), mRNA;  
NA; gi|341915250|ref|XM\_003403498.1| PREDICTED: Homo sapiens hypothetical LOC285423 (LOC285423), mRNA;  
γ-like (LOC646890), miscRNA; gi|341915252|ref|XR\_132694.1| PREDICTED: Homo sapiens axin interacting protein-like (LOC646890), mRNA;  
1 (LOC100506791), miscRNA; gi|341914573|ref|XR\_133389.1| PREDICTED: Homo sapiens hypothetical LOC100506791 (LOC100506791), mRNA;  
miscRNA; gi|341915279|ref|XR\_132507.1| PREDICTED: Homo sapiens hypothetical LOC100506766 (LOC100506766), mRNA;  
miscRNA;  
2 (LOC100288963), miscRNA; gi|341914578|ref|XR\_133392.1| PREDICTED: Homo sapiens hypothetical LOC100288963 (LOC100288963), mRNA;  
.00506187), mRNA; gi|341915274|ref|XM\_003118527.2| PREDICTED: Homo sapiens hypothetical protein LOC100506187 (LOC100506187), mRNA;  
!601-like (LOC391764), mRNA; gi|341915270|ref|XM\_373076.5| PREDICTED: Homo sapiens putative TAF<sub>I</sub>120-like (LOC391764), mRNA;  
miscRNA;  
7), miscRNA; gi|341915263|ref|XR\_132502.1| PREDICTED: Homo sapiens chromosome 5 open reading frame 7 (LOC100506791), mRNA;  
niscRNA; gi|341915264|ref|XR\_132503.1| PREDICTED: Homo sapiens AKT-interacting protein-like (LOC100506791), mRNA;  
miscRNA;  
.00653173), mRNA;  
miscRNA; gi|310119523|ref|XR\_108573.1| PREDICTED: Homo sapiens hypothetical LOC100506495 (LOC100506495), mRNA;  
rg 1B (ANKDD1B), mRNA; gi|341915318|ref|XM\_001128459.5| PREDICTED: Homo sapiens ankyrin repeat domain-containing protein 1B (ANKDD1B), mRNA;  
13), miscRNA; gi|341915286|ref|XR\_132510.1| PREDICTED: Homo sapiens putative POM121-like protein 13 (LOC100506791), mRNA;  
.00653120), partial mRNA;  
miscRNA;  
miscRNA;  
.00653140), mRNA;  
miscRNA; gi|310119624|ref|XR\_110573.1| PREDICTED: Homo sapiens hypothetical LOC100506219 (LOC100506219), mRNA;  
miscRNA;  
miscRNA;  
.00653075), mRNA;  
orf50), mRNA; gi|341915335|ref|XM\_928062.6| PREDICTED: Homo sapiens chromosome 5 open reading frame 50 (LOC100506791), mRNA;  
miscRNA;  
miscRNA; gi|341915337|ref|XR\_110067.2| PREDICTED: Homo sapiens hypothetical LOC100507267 (LOC100507267), mRNA;  
miscRNA;  
miscRNA;  
.00653247), mRNA;  
miscRNA; gi|310119714|ref|XR\_108679.1| PREDICTED: Homo sapiens hypothetical LOC100506647 (LOC100506647), mRNA;  
miscRNA;  
10), miscRNA; gi|341915338|ref|XR\_132515.1| PREDICTED: Homo sapiens putative POM121-like protein 10 (LOC100506791), mRNA;  
miscRNA;  
miscRNA;  
BTBD9-AS1), miscRNA; gi|310119764|ref|XR\_108642.1| PREDICTED: Homo sapiens BTBD9 antisense RNA BTBD9-AS1 (LOC100506791), mRNA;  
.00653115), mRNA;  
341915345|ref|XM\_003403438.1| PREDICTED: Homo sapiens dystonin-like (LOC100652766), mRNA;

miscRNA; gi|310119782|ref|XR\_108661.1| PREDICTED: Homo sapiens hypothetical LOC100505985 (LO  
 miscRNA; gi|341915344|ref|XR\_108659.2| PREDICTED: Homo sapiens hypothetical LOC100505950 (LO  
 .00509542), mRNA;  
 miscRNA;  
 mRNA; gi|341915361|ref|XM\_003403515.1| PREDICTED: Homo sapiens chromosome 6 open reading f  
 miscRNA;  
 .00653160), mRNA;  
 miscRNA;  
 miscRNA; gi|341915371|ref|XR\_110179.2| PREDICTED: Homo sapiens hypothetical LOC100507429 (LO  
 miscRNA; gi|310119835|ref|XR\_110214.1| PREDICTED: Homo sapiens hypothetical LOC100506496 (LO  
 miscRNA; gi|341915367|ref|XR\_132744.1| PREDICTED: Homo sapiens hypothetical LOC100506276 (LO  
 iscRNA; gi|341915360|ref|XR\_132743.1| PREDICTED: Homo sapiens non-protein coding RNA 300 (NCR  
 A;  
 .00508969), mRNA;  
 (LOC100292676), miscRNA;  
 miscRNA;  
 miscRNA;  
 miscRNA; gi|310119999|ref|XR\_108828.1| PREDICTED: Homo sapiens hypothetical LOC100507468 (LO  
 NA;  
 miscRNA;  
 1 (LOC100505913), miscRNA; gi|310120023|ref|XR\_108842.1| PREDICTED: Homo sapiens hypothetica  
 miscRNA; gi|341915068|ref|XR\_132863.1| PREDICTED: Homo sapiens hypothetical LOC100506507 (LO  
 miscRNA;  
 miscRNA;  
 miscRNA;  
 gene 1 (IQCA1P1), miscRNA; gi|341914720|ref|XM\_003403801.1| PREDICTED: Homo sapiens putative  
 miscRNA; gi|341915057|ref|XR\_132857.1| PREDICTED: Homo sapiens hypothetical LOC100506557 (LO  
 A; gi|310120149|ref|XR\_110088.1| PREDICTED: Homo sapiens hypothetical LOC389607 (LOC389607), r  
 miscRNA;  
 miscRNA;  
 miscRNA; gi|341915418|ref|XR\_110864.2| PREDICTED: Homo sapiens hypothetical LOC100507088 (LO  
 miscRNA; gi|310120178|ref|XR\_110867.1| PREDICTED: Homo sapiens hypothetical LOC100507139 (LO  
 miscRNA;  
 miscRNA; gi|310120193|ref|XR\_110875.1| PREDICTED: Homo sapiens hypothetical LOC100507403 (LO  
 miscRNA;  
 miscRNA; gi|310120201|ref|XR\_110085.1| PREDICTED: Homo sapiens hypothetical LOC100505775 (LO  
 mRNA; gi|341914744|ref|XM\_003403803.1| PREDICTED: Homo sapiens KIAA0146, transcript variant 2  
 miscRNA;  
 .00287313), mRNA; gi|310120204|ref|XM\_002342851.2| PREDICTED: Homo sapiens hypothetical prote  
 miscRNA; gi|341915423|ref|XR\_108919.2| PREDICTED: Homo sapiens hypothetical LOC100505739 (LO  
 miscRNA; gi|310120226|ref|XR\_108920.1| PREDICTED: Homo sapiens hypothetical LOC100505760 (LO  
 ;41915424|ref|XR\_132551.1| PREDICTED: Homo sapiens syntenin-1-like (LOC100129960), miscRNA;  
 miscRNA; gi|341915427|ref|XR\_132552.1| PREDICTED: Homo sapiens hypothetical LOC100288310 (LO  
 miscRNA; gi|341915434|ref|XR\_108868.2| PREDICTED: Homo sapiens hypothetical LOC100506538 (LO  
 miscRNA; gi|310120245|ref|XR\_108869.1| PREDICTED: Homo sapiens hypothetical LOC100506558 (LO  
 miscRNA; gi|341915435|ref|XR\_132546.1| PREDICTED: Homo sapiens ubiquitin-fold modifier 1-like (LC  
 miscRNA; gi|310120247|ref|XR\_108871.1| PREDICTED: Homo sapiens hypothetical LOC100506689 (LO

miscRNA;  
 miscRNA; gi|341915439|ref|XR\_108886.2| PREDICTED: Homo sapiens hypothetical LOC100507056 (LOC100507056), miscRNA;  
 miscRNA; gi|341915441|ref|XR\_108889.2| PREDICTED: Homo sapiens hypothetical LOC100129104 (LOC100129104), miscRNA;  
 miscRNA; gi|310120274|ref|XR\_108894.1| PREDICTED: Homo sapiens hypothetical LOC100507278 (LOC100507278), miscRNA;  
 C100653301), mRNA;  
 2 (LOC100507316), miscRNA; gi|341914801|ref|XR\_133507.1| PREDICTED: Homo sapiens hypothetical LOC100507316 (LOC100507316), miscRNA;  
 A; gi|341915454|ref|XR\_108937.2| PREDICTED: Homo sapiens hypothetical LOC730098 (LOC730098), mRNA;  
 miscRNA; gi|341915465|ref|XR\_132560.1| PREDICTED: Homo sapiens L antigen family member 3-like (LOC100507316), mRNA;  
 9orf133), mRNA; gi|341915463|ref|XM\_003403445.1| PREDICTED: Homo sapiens chromosome 9 open reading frame 133 (LOC100507316), mRNA;  
 miscRNA;  
 miscRNA;  
 e 1-like (LOC100131735), miscRNA;  
 miscRNA; gi|310120322|ref|XR\_108946.1| PREDICTED: Homo sapiens hypothetical LOC100289137 (LOC100289137), miscRNA;  
 scRNA; gi|168693609|ref|NR\_015363.1| Homo sapiens uncharacterized locus MGC21881 (MGC21881), mRNA;  
 A4 (ANKRD20A4), mRNA; gi|149363678|ref|NM\_001098805.1| Homo sapiens ankyrin repeat domain 2 (LOC100507316), mRNA;  
 miscRNA;  
 partial miscRNA; gi|341916041|ref|XR\_132823.1| PREDICTED: Homo sapiens hypothetical LOC1001322 (LOC1001322), partial miscRNA;  
 miscRNA; gi|310120364|ref|XR\_108963.1| PREDICTED: Homo sapiens hypothetical LOC100506414 (LOC100506414), miscRNA;  
 FAM75B), miscRNA; gi|341915485|ref|XR\_108964.2| PREDICTED: Homo sapiens family with sequence similarity 100 (LOC100507316), miscRNA;  
 miscRNA; gi|310120369|ref|XR\_108970.1| PREDICTED: Homo sapiens hypothetical LOC100506897 (LOC100506897), miscRNA;  
 miscRNA;  
 miscRNA; gi|341915488|ref|XR\_108972.2| PREDICTED: Homo sapiens hypothetical LOC100507009 (LOC100507009), miscRNA;  
 d assembly protein 40-like (LOC100128657), miscRNA; gi|341915482|ref|XR\_132562.1| PREDICTED: Homo sapiens hypothetical LOC100507009 (LOC100507009), miscRNA;  
 L47), miscRNA; gi|310120394|ref|XR\_108968.1| PREDICTED: Homo sapiens chromosome 9 open reading frame 133 (LOC100507316), mRNA;  
 miscRNA; gi|310120411|ref|XR\_108948.1| PREDICTED: Homo sapiens hypothetical LOC100506065 (LOC100506065), miscRNA;  
 ; gi|239743950|ref|XM\_002342956.1| PREDICTED: Homo sapiens hemicentin-2-like (LOC100289200), mRNA;  
 .00653232), mRNA; gi|341916028|ref|XM\_003403500.1| PREDICTED: Homo sapiens hypothetical protein 1 (LOC100505993), mRNA;  
 1 (LOC100505993), miscRNA; gi|310124549|ref|XR\_110097.1| PREDICTED: Homo sapiens hypothetical protein 1 (LOC100505993), miscRNA;  
 62), miscRNA;  
 130811), mRNA;  
 .00291917), mRNA;  
 00653245), mRNA;  
 -like (LOC652119), mRNA;  
 (LOC100134264), partial miscRNA;  
 L93), mRNA;  
 00509396), mRNA;  
 .536), mRNA;  
 , mRNA;  
 34167), miscRNA;  
 .00653241), mRNA;  
 57-like (LOC100653251), mRNA;  
 miscRNA;  
 ; gi|341914892|ref|XM\_003403840.1| PREDICTED: Homo sapiens protein FRG1-like (LOC100289097), mRNA;  
 miscRNA;  
 miscRNA; gi|341915241|ref|XR\_132499.1| PREDICTED: Homo sapiens hypothetical LOC100288392 (LOC100288392), miscRNA;  
 ibfamily A member 3-like (LOC100653070), partial mRNA;

31-7 beta chain-like, transcript variant 3 (LOC100507714), mRNA; gi|310124939|ref|XM\_003119293.1|ene (FLJ20518), miscRNA; gi|325197168|ref|NR\_037925.1| Homo sapiens FSHD region gene 2 family, n00293211), mRNA;  
 00134256), mRNA;  
 A; gi|341915791|ref|XR\_109373.2| PREDICTED: Homo sapiens hypothetical LOC388436 (LOC388436), r  
 miscRNA;  
 miscRNA; gi|256355166|ref|NR\_028350.1| Homo sapiens prothymosin, alpha pseudogene (LOC441454  
 ke (LOC100653286), mRNA;  
 0653292), mRNA;  
 miscRNA;  
 l, miscRNA;  
 niscRNA; gi|341916040|ref|XR\_132822.1| PREDICTED: Homo sapiens hypothetical LOC643395 (LOC643  
 .00653323), mRNA;  
 e (LOC100653327), mRNA;  
 29291), miscRNA; gi|341915922|ref|XR\_132685.1| PREDICTED: Homo sapiens uncharacterized protein  
 A; gi|341915924|ref|XM\_003118826.2| PREDICTED: Homo sapiens protein shisa-5-like (LOC100506745  
 miscRNA;  
 D3), mRNA; gi|341915927|ref|XM\_042978.7| PREDICTED: Homo sapiens FERM and PDZ domain conta  
 miscRNA; gi|341915929|ref|XR\_109782.2| PREDICTED: Homo sapiens hypothetical LOC100506955 (LO  
 miscRNA;  
 1 (LOC100506790), miscRNA; gi|310124232|ref|XR\_109777.1| PREDICTED: Homo sapiens hypothetical  
 6 (CT45A6), mRNA; gi|62945409|ref|NM\_001017438.1| Homo sapiens cancer/testis antigen family 45,  
 A; gi|310124240|ref|XR\_109780.1| PREDICTED: Homo sapiens hypothetical LOC645188 (LOC645188), r  
 .00509091), mRNA;  
 (FAM201B), partial miscRNA;  
 .00653312), mRNA;  
 2858), mRNA; gi|239743046|ref|XM\_001715131.2| PREDICTED: Homo sapiens putative protein FAM15  
 .00653346), mRNA;  
 miscRNA;  
 miscRNA;  
 miscRNA;  
 miscRNA; gi|341914682|ref|XR\_133442.1| PREDICTED: Homo sapiens hypothetical LOC100505829 (LO  
 miscRNA;  
 miscRNA;  
 miscRNA; gi|341914688|ref|XR\_133445.1| PREDICTED: Homo sapiens hypothetical LOC100505938 (LO  
 miscRNA; gi|310119929|ref|XR\_108753.1| PREDICTED: Homo sapiens hypothetical LOC100506289 (LO  
 -like (LOC100653358), mRNA;  
 miscRNA; gi|341915376|ref|XR\_132525.1| PREDICTED: Homo sapiens hypothetical LOC100288712 (LO  
 miscRNA; gi|341915388|ref|XR\_132532.1| PREDICTED: Homo sapiens hypothetical LOC100288268 (LO  
 miscRNA;  
 A; gi|341914696|ref|XR\_133450.1| PREDICTED: Homo sapiens hypothetical LOC644794 (LOC644794), r  
 2 (LOC100510011), miscRNA; gi|310118318|ref|XR\_110695.1| PREDICTED: Homo sapiens hypothetical  
 miscRNA; gi|341915399|ref|XR\_132537.1| PREDICTED: Homo sapiens hypothetical LOC100287894 (LO  
 , mRNA; gi|341915398|ref|XM\_001725354.4| PREDICTED: Homo sapiens mucin 3A, cell surface associ  
 miscRNA; gi|310120009|ref|XR\_108834.1| PREDICTED: Homo sapiens hypothetical LOC100505688 (LO  
 miscRNA;  
 1 (LOC100506027), miscRNA; gi|341915052|ref|XR\_132852.1| PREDICTED: Homo sapiens hypothetical

miscRNA; gi|341914722|ref|XR\_133467.1| PREDICTED: Homo sapiens hypothetical LOC100507673 (LOC100506458), miscRNA; gi|341914725|ref|XR\_133470.1| PREDICTED: Homo sapiens putative unclassified LOC100506458), miscRNA; gi|310120144|ref|XR\_108717.1| PREDICTED: Homo sapiens hypothetical LOC100506534 (LOC100506534), mRNA;  
miscRNA;  
miscRNA; gi|341915406|ref|XR\_132543.1| PREDICTED: Homo sapiens hypothetical LOC100652903 (LOC100652903), miscRNA; gi|341915408|ref|XR\_108794.2| PREDICTED: Homo sapiens hypothetical LOC100506312 (LOC100506312), mRNA;  
miscRNA;  
miscRNA; gi|310120114|ref|XR\_108783.1| PREDICTED: Homo sapiens hypothetical LOC100507507 (LOC100507507), mRNA; gi|341914274|ref|XR\_133245.1| PREDICTED: Homo sapiens hypothetical LOC100506376 (LOC100506376), mRNA; gi|341914273|ref|XM\_003119800.2| PREDICTED: Homo sapiens chromosome 1 open reading frame 222 (LOC100652939), miscRNA;  
miscRNA; gi|341914203|ref|XR\_133201.1| PREDICTED: Homo sapiens hypothetical LOC100129476 (LOC100129476), mRNA;  
506273), miscRNA; gi|341914227|ref|XR\_133217.1| PREDICTED: Homo sapiens uncharacterized protein LOC100506273), miscRNA;  
miscRNA;  
miscRNA;  
miscRNA; gi|341914254|ref|XR\_112040.2| PREDICTED: Homo sapiens hypothetical LOC100509213 (LOC100509213), mRNA;  
652967), miscRNA;  
miscRNA;  
miscRNA;  
miscRNA;  
miscRNA;  
A;  
miscRNA; gi|341914284|ref|XR\_133253.1| PREDICTED: Homo sapiens hypothetical LOC100506257 (LOC100506257), mRNA;  
miscRNA;  
1 (LOC100652837), miscRNA; gi|341915105|ref|XR\_132804.1| PREDICTED: Homo sapiens hypothetical LOC100652837), miscRNA; gi|341915106|ref|XR\_132869.1| PREDICTED: Homo sapiens hypothetical LOC100652887), miscRNA;  
A;  
miscRNA;  
miscRNA;  
miscRNA; gi|310113589|ref|XR\_111985.1| PREDICTED: Homo sapiens hypothetical LOC100509205 (LOC100509205), mRNA;  
miscRNA;  
miscRNA;  
γ-her 3-like (LOC343052), miscRNA; gi|341916329|ref|XR\_133569.1| PREDICTED: Homo sapiens immunoglobulin-like (LOC343052), mRNA;  
miscRNA;  
γ-her 3-like (LOC645262), mRNA;  
miscRNA;  
miscRNA;  
miscRNA;  
(LOC100505955), miscRNA;



LOC100130097), mRNA; gi|341914243|ref|XM\_001717268.4| PREDICTED: Homo sapiens kinesin-like p  
-like (LOC441124), mRNA;  
miscRNA;  
miscRNA; gi|341914234|ref|XR\_133221.1| PREDICTED: Homo sapiens hypothetical LOC100506479 (LO  
miscRNA;  
2 (LOC100506642), miscRNA; gi|341914237|ref|XR\_133224.1| PREDICTED: Homo sapiens hypothetica  
miscRNA;  
miscRNA;  
miscRNA;  
1 (LOC100294406), miscRNA; gi|310118960|ref|XR\_109957.1| PREDICTED: Homo sapiens hypothetica  
miscRNA; gi|341914392|ref|XR\_133296.1| PREDICTED: Homo sapiens hypothetical LOC100507562 (LO  
652743), mRNA;  
3/PRO9830-like (LOC100652774), mRNA;  
.00652775), mRNA;  
miscRNA;  
.00652825), mRNA;  
transferase 1-like (LOC100128857), miscRNA; gi|341914401|ref|XR\_133301.1| PREDICTED: Homo sapien  
.00287723), mRNA;  
291786), mRNA; gi|341914410|ref|XM\_003403754.1| PREDICTED: Homo sapiens ig kappa chain V-III re  
2 (LOC100506076), miscRNA; gi|341915171|ref|XR\_109917.2| PREDICTED: Homo sapiens hypothetica  
.00652919), mRNA;  
FLJ43933-like (LOC100288897), miscRNA; gi|341914432|ref|XR\_133314.1| PREDICTED: Homo sapiens  
.00652961), mRNA;  
.00652824), mRNA; gi|341914444|ref|XM\_003403760.1| PREDICTED: Homo sapiens hypothetical prote  
RNA; gi|341914451|ref|XR\_112426.2| PREDICTED: Homo sapiens hypothetical protein FLJ39061 (FLJ39  
miscRNA; gi|341914452|ref|XR\_112429.2| PREDICTED: Homo sapiens hypothetical LOC100507265 (LO  
NA; gi|341914455|ref|XM\_001721240.4| PREDICTED: Homo sapiens HEAT repeat containing 7B1 (HEA  
miscRNA;  
4493|ref|XR\_133343.1| PREDICTED: Homo sapiens HHSL751 (LOC100508226), miscRNA;  
.00652784), mRNA;  
ike (LOC100652807), mRNA;  
.00130503), mRNA; gi|341914489|ref|XM\_001717791.4| PREDICTED: Homo sapiens hypothetical prote  
miscRNA; gi|341914477|ref|XR\_112474.2| PREDICTED: Homo sapiens hypothetical LOC100505801 (LO  
miscRNA;  
miscRNA; gi|341914468|ref|XR\_133335.1| PREDICTED: Homo sapiens hypothetical LOC100288831 (LO  
2 (LOC100506802), miscRNA; gi|310119212|ref|XR\_110009.1| PREDICTED: Homo sapiens hypothetica  
miscRNA; gi|341914510|ref|XR\_133352.1| PREDICTED: Homo sapiens hypothetical LOC100506487 (LO  
miscRNA;  
miscRNA; gi|341914513|ref|XR\_112535.2| PREDICTED: Homo sapiens hypothetical LOC100131679 (LO  
miscRNA; gi|341914516|ref|XR\_112587.2| PREDICTED: Homo sapiens hypothetical LOC100507134 (LO  
miscRNA;  
miscRNA; gi|341914525|ref|XR\_112565.2| PREDICTED: Homo sapiens hypothetical LOC100505492 (LO  
miscRNA;  
miscRNA; gi|341914518|ref|XR\_133354.1| PREDICTED: Homo sapiens hypothetical LOC100508227 (LO  
3 (CRYBG3), mRNA; gi|341914507|ref|XM\_003119905.2| PREDICTED: Homo sapiens beta-gamma cryst  
, mRNA;  
miscRNA; gi|341914533|ref|XR\_112597.2| PREDICTED: Homo sapiens hypothetical LOC100128262 (LO

miscRNA;  
miscRNA; gi|341914547|ref|XR\_133371.1| PREDICTED: Homo sapiens hypothetical LOC100507209 (LO  
miscRNA;  
miscRNA;  
miscRNA; gi|341914567|ref|XR\_133384.1| PREDICTED: Homo sapiens hypothetical LOC100506176 (LO  
.00652945), mRNA;  
70|ref|XR\_112691.2| PREDICTED: Homo sapiens hCG38984 (LOC345051), miscRNA;  
miscRNA; gi|341914546|ref|XR\_133370.1| PREDICTED: Homo sapiens hypothetical LOC100507388 (LO  
miscRNA; gi|341914549|ref|XR\_112650.2| PREDICTED: Homo sapiens hypothetical LOC100507473 (LO  
16217), miscRNA;  
miscRNA;  
gi|341914589|ref|XR\_112730.2| PREDICTED: Homo sapiens hypothetical LOC643977 (FLJ32255), miscf  
miscRNA;  
+H11B), mRNA; gi|341914576|ref|XM\_003403780.1| PREDICTED: Homo sapiens zinc finger, DHHC-tyr  
1601-like (LOC100288018), mRNA; gi|341914582|ref|XM\_003119945.2| PREDICTED: Homo sapiens put  
A; gi|341914591|ref|XR\_133398.1| PREDICTED: Homo sapiens hypothetical LOC730974 (LOC730974), r  
.00652772), mRNA;  
  
miscRNA; gi|310114801|ref|XR\_112753.1| PREDICTED: Homo sapiens hypothetical LOC100505994 (LO  
.00509780), partial mRNA; gi|310114770|ref|XM\_003119949.1| PREDICTED: Homo sapiens hypothetic  
12783), miscRNA;  
16903), miscRNA;  
12799), miscRNA;  
12803), miscRNA;  
(LOC100652810), mRNA;  
.00652814), mRNA;  
.00652819), mRNA;  
.00652826), mRNA;  
.00652842), mRNA;  
.00652848), mRNA;  
.00652852), mRNA;  
.00652859), mRNA;  
.00652864), mRNA;  
.00652868), mRNA;  
.00652870), mRNA;  
.00652875), mRNA;  
.00652880), mRNA;  
.00652882), mRNA;  
miscRNA;  
miscRNA;  
miscRNA; gi|341914613|ref|XR\_133409.1| PREDICTED: Homo sapiens hypothetical LOC100505675 (LO  
miscRNA;  
.00652758), mRNA;  
miscRNA;  
miscRNA; gi|341915330|ref|XR\_110075.2| PREDICTED: Homo sapiens hypothetical LOC100507427, tra  
miscRNA;  
miscRNA;

miscRNA; gi|341914629|ref|XR\_112805.2| PREDICTED: Homo sapiens hypothetical LOC100289627 (LO  
miscRNA; gi|341914647|ref|XR\_112845.2| PREDICTED: Homo sapiens hypothetical LOC100507241 (LO  
miscRNA; gi|310124746|ref|XR\_110799.1| PREDICTED: Homo sapiens hypothetical LOC100287329 (LO  
miscRNA;  
miscRNA; gi|341914639|ref|XR\_133424.1| PREDICTED: Homo sapiens hypothetical LOC100507672 (LO  
A2), mRNA; gi|41349494|ref|NM\_000947.2| Homo sapiens primase, DNA, polypeptide 2 (58kDa) (PRIM  
344), mRNA; gi|341915349|ref|XM\_003403440.1| PREDICTED: Homo sapiens hypothetical protein LOC  
miscRNA;  
15), miscRNA;  
miscRNA;  
e protein 1 (SDIM1), miscRNA; gi|341914678|ref|XR\_133440.1| PREDICTED: Homo sapiens stress resp  
2953), mRNA;  
miscRNA;  
.00652731), mRNA;  
miscRNA; gi|341914681|ref|XR\_112952.2| PREDICTED: Homo sapiens hypothetical LOC100507642 (LO  
miscRNA; gi|341915018|ref|XR\_110640.2| PREDICTED: Homo sapiens hypothetical LOC100505904 (LO  
A; gi|341915021|ref|XR\_110663.2| PREDICTED: Homo sapiens hypothetical LOC401317 (LOC401317), r  
A; gi|341916287|ref|XR\_132464.1| PREDICTED: Homo sapiens hypothetical LOC401357 (LOC401357), r  
miscRNA; gi|341915023|ref|XR\_132836.1| PREDICTED: Homo sapiens hypothetical LOC100289306 (LO  
1), miscRNA; gi|341915066|ref|XR\_132861.1| PREDICTED: Homo sapiens zinc finger domain-related prc  
miscRNA;  
miscRNA;  
, mRNA; gi|341915035|ref|XM\_935778.5| PREDICTED: Homo sapiens hypothetical protein LOC402269  
miscRNA;  
2581), mRNA; gi|341915042|ref|XM\_002344367.3| PREDICTED: Homo sapiens putative speedy protei  
(LOC100288292), miscRNA; gi|341915040|ref|XR\_132846.1| PREDICTED: Homo sapiens putative unch  
miscRNA;  
miscRNA;  
miscRNA; gi|341914714|ref|XR\_113070.2| PREDICTED: Homo sapiens hypothetical LOC100509105 (LO  
miscRNA; gi|341914728|ref|XR\_133473.1| PREDICTED: Homo sapiens hypothetical LOC100507530 (LO  
miscRNA;  
A; gi|341914730|ref|XR\_133475.1| PREDICTED: Homo sapiens hypothetical LOC729732 (LOC729732), r  
miscRNA;  
miscRNA;  
; protein 1-like (LOC100287651), mRNA; gi|341914779|ref|XM\_003403817.1| PREDICTED: Homo sapie  
miscRNA;  
miscRNA;  
miscRNA; gi|341914773|ref|XR\_133487.1| PREDICTED: Homo sapiens hypothetical LOC100507516 (LO  
A; gi|341914774|ref|XR\_113137.2| PREDICTED: Homo sapiens hypothetical LOC286178 (LOC286178), r  
RNA;  
A; gi|310115498|ref|XR\_113153.1| PREDICTED: Homo sapiens hypothetical LOC286149 (LOC286149), r  
miscRNA;  
miscRNA; gi|341914789|ref|XR\_133499.1| PREDICTED: Homo sapiens hypothetical LOC100506927 (LO  
miscRNA; gi|341914790|ref|XR\_113166.2| PREDICTED: Homo sapiens hypothetical LOC100506980 (LO  
miscRNA;  
transcript variant 2 (LOC100652949), mRNA; gi|341915447|ref|XM\_003403537.1| PREDICTED: Homo sap  
miscRNA;

ript variant 5 (LOC377711), mRNA;  
 .00509263), mRNA; gi|341914806|ref|XM\_003403820.1| PREDICTED: Homo sapiens hypothetical prote  
 miscRNA;  
 2), mRNA;  
 ), miscRNA; gi|341914814|ref|XR\_133513.1| PREDICTED: Homo sapiens ras-related protein Rap-1b-like  
 miscRNA;  
 ke (LOC100653009), mRNA;  
 (FAM27D1), miscRNA;  
 RNA;  
 ; protein ENSP00000330211-like (LOC100132004), mRNA;  
 .00507370), mRNA;  
 ; protein ENSP00000330211-like (LOC100132154), mRNA;  
 44704), mRNA;  
 0507415), miscRNA; gi|341914838|ref|XR\_133531.1| PREDICTED: Homo sapiens putative SIPAR-like pr  
 ; gi|341914836|ref|XM\_003403823.1| PREDICTED: Homo sapiens zinc finger protein 322B (ZNF322B), r  
 1 (LOC100506119), miscRNA; gi|341915484|ref|XR\_108954.2| PREDICTED: Homo sapiens hypothetica  
 like (LOC100287922), partial miscRNA; gi|341914833|ref|XR\_133528.1| PREDICTED: Homo sapiens ank  
 miscRNA;  
 \; gi|341914830|ref|XR\_133525.1| PREDICTED: Homo sapiens hypothetical LOC100507137 (FP2234), n  
 LOC100289607), miscRNA; gi|341914831|ref|XR\_133526.1| PREDICTED: Homo sapiens 10 kDa heat shi  
 miscRNA;  
 miscRNA; gi|341913646|ref|XR\_111048.2| PREDICTED: Homo sapiens hypothetical LOC100507430 (LO  
 ; gi|341913645|ref|XR\_111043.2| PREDICTED: Homo sapiens supervillin pseudogene (LOC645954), mis  
 miscRNA; gi|341913662|ref|XR\_132930.1| PREDICTED: Homo sapiens hypothetical LOC100507663 (LO  
 0505502), miscRNA; gi|341913660|ref|XR\_132928.1| PREDICTED: Homo sapiens putative UPF0607 pri  
 1 (LOC100652968), miscRNA; gi|341915501|ref|XR\_132571.1| PREDICTED: Homo sapiens hypothetica  
 miscRNA;  
 rtaining protein C10orf112-like (LOC100652979), mRNA;  
 orf112), mRNA; gi|341913653|ref|XM\_003403619.1| PREDICTED: Homo sapiens chromosome 10 open  
 miscRNA;  
 igen (LOC100128356), miscRNA; gi|341913640|ref|XR\_132918.1| PREDICTED: Homo sapiens protein ti  
 miscRNA;  
 i42424), mRNA; gi|341913663|ref|XM\_003403621.1| PREDICTED: Homo sapiens ig kappa chain V-I regi  
 eptide 1 opposite strand (CYP17A1OS), miscRNA; gi|341913709|ref|XR\_132947.1| PREDICTED: Homo :  
 miscRNA; gi|341913707|ref|XR\_111118.2| PREDICTED: Homo sapiens hypothetical LOC100505869 (LO  
 miscRNA;  
 miscRNA; gi|341913705|ref|XR\_132945.1| PREDICTED: Homo sapiens hypothetical LOC100130887 (LO  
 ane 23 homolog B (yeast) (TIMM23B), mRNA;  
 06785), miscRNA;  
 miscRNA;  
 miscRNA;  
 1 (LOC100653003), miscRNA; gi|341915528|ref|XR\_132788.1| PREDICTED: Homo sapiens hypothetica  
 in 2A-like (LOC100652732), mRNA;  
 miscRNA;  
 miscRNA;  
 miscRNA;  
 .00652756), mRNA;

miscRNA;  
(MUC5AC), mRNA; gi|341913723|ref|XM\_003403637.1| PREDICTED: Homo sapiens mucin 5AC, oligom  
miscRNA;  
(ARAP1-AS2), miscRNA; gi|341913753|ref|XR\_111206.2| PREDICTED: Homo sapiens ARAP1 antisense RN  
like (LOC100507561), miscRNA; gi|341913739|ref|XR\_132962.1| PREDICTED: Homo sapiens ankyrin re  
miscRNA; gi|341913738|ref|XR\_132961.1| PREDICTED: Homo sapiens hypothetical LOC100287413 (LO  
(LOC100653011), miscRNA;  
miscRNA;  
2 (LOC100507645), miscRNA; gi|341913747|ref|XR\_111191.2| PREDICTED: Homo sapiens hypothetica  
miscRNA; gi|341913745|ref|XR\_111186.2| PREDICTED: Homo sapiens hypothetical LOC100505554 (LO  
miscRNA;  
, mRNA; gi|341913765|ref|XM\_001715277.3| PREDICTED: Homo sapiens hypothetical protein LOC338  
miscRNA; gi|341913764|ref|XR\_132976.1| PREDICTED: Homo sapiens hypothetical LOC100507145 (LO  
miscRNA;  
miscRNA; gi|341913762|ref|XR\_132974.1| PREDICTED: Homo sapiens hypothetical LOC100507283 (LO  
A;  
miscRNA; gi|341913773|ref|XR\_132981.1| PREDICTED: Homo sapiens hypothetical LOC100507548 (LO  
miscRNA;  
miscRNA; gi|341913775|ref|XR\_111248.2| PREDICTED: Homo sapiens hypothetical LOC100049716 (LO  
miscRNA;  
miscRNA;  
miscRNA;  
miscRNA;  
miscRNA;  
, miscRNA;  
:727803), miscRNA; gi|341913836|ref|XR\_133012.1| PREDICTED: Homo sapiens ran-specific GTPase-ac  
miscRNA;  
4), miscRNA;  
miscRNA; gi|341913830|ref|XR\_111321.2| PREDICTED: Homo sapiens hypothetical LOC100505882 (LO  
.00652933), mRNA;  
miscRNA;  
0652962), mRNA;  
1 (LOC100652964), miscRNA; gi|341915605|ref|XR\_132773.1| PREDICTED: Homo sapiens hypothetica  
12orf55), mRNA; gi|341913841|ref|XM\_001717983.3| PREDICTED: Homo sapiens chromosome 12 ope  
miscRNA; gi|341913806|ref|XR\_132996.1| PREDICTED: Homo sapiens hypothetical LOC100288366 (LO  
miscRNA;  
miscRNA;  
.00653022), mRNA;  
1 (LOC100507065), miscRNA; gi|310122929|ref|XR\_110371.1| PREDICTED: Homo sapiens hypothetica  
miscRNA;  
miscRNA; gi|341913797|ref|XR\_111276.2| PREDICTED: Homo sapiens hypothetical LOC100288798 (LO  
miscRNA;  
miscRNA;  
miscRNA;  
.00292905), mRNA; gi|341914887|ref|XM\_003403838.1| PREDICTED: Homo sapiens hypothetical prote  
miscRNA;  
A; gi|341913880|ref|XR\_133031.1| PREDICTED: Homo sapiens hypothetical LOC647166 (LOC647166), r  
.00652836), mRNA;

2 (LOC100652856), miscRNA; gi|341915650|ref|XR\_132732.1| PREDICTED: Homo sapiens hypothetical  
 miscRNA;  
 miscRNA; gi|341913871|ref|XR\_133026.1| PREDICTED: Homo sapiens hypothetical LOC100506997 (LO  
 miscRNA;  
 miscRNA;  
 miscRNA;  
 miscRNA;  
 miscRNA;  
 miscRNA;  
 miscRNA;  
 -like (LOC100652767), mRNA;  
 mRNA; gi|341913902|ref|XM\_003119564.2| PREDICTED: Homo sapiens tetratricopeptide repeat doma  
 NA; gi|341913908|ref|XR\_111430.2| PREDICTED: Homo sapiens leucine rich repeat containing 9 (LRRC  
 isceptibility protein (LOC100288160), miscRNA; gi|341913929|ref|XR\_133062.1| PREDICTED: Homo sa  
 3), mRNA;  
 miscRNA;  
 A;  
 NKX2-1-AS1), miscRNA;  
 C100652860), mRNA;  
 miscRNA;  
 miscRNA; gi|341913909|ref|XR\_111440.2| PREDICTED: Homo sapiens hypothetical LOC100506446 (LO  
 miscRNA;  
 miscRNA; gi|310110560|ref|XR\_111410.1| PREDICTED: Homo sapiens hypothetical LOC100508046 (LO  
 e, transcript variant 1 (LOC100287399), mRNA;  
 : (LOC729900), miscRNA;  
 ?92494874|ref|NM\_001103184.2| Homo sapiens formin 1 (FMN1), mRNA;  
 IPP10-like (LOC100652840), miscRNA;  
 miscRNA; gi|341913952|ref|XR\_111500.2| PREDICTED: Homo sapiens hypothetical LOC100507568 (LO  
 ?-like (LOC100652910), mRNA;  
 iant 2 (GOLGA8H), mRNA; gi|310123248|ref|XM\_002343357.2| PREDICTED: Homo sapiens golgin A8 fa  
 miscRNA;  
 ), miscRNA; gi|341913968|ref|XR\_133078.1| PREDICTED: Homo sapiens oxidation resistance protein 1-  
 miscRNA;  
 ot variant 1 (LOC643699), mRNA;  
 A;  
 ein 10-like (LOC728648), miscRNA;  
 miscRNA;  
 miscRNA;  
 OC642423), miscRNA;  
 1 (LOC100128108), miscRNA; gi|341915733|ref|XR\_132600.1| PREDICTED: Homo sapiens hypothetical  
 A; gi|310110843|ref|XR\_111553.1| PREDICTED: Homo sapiens hypothetical LOC644192 (LOC644192), r  
 C441736), miscRNA;  
 2 (LOC100506983), miscRNA; gi|341913976|ref|XR\_133084.1| PREDICTED: Homo sapiens hypothetical  
 miscRNA;  
 miscRNA; gi|341914016|ref|XM\_003403678.1| PREDICTED: Homo sapiens hypothetical protein LOC10  
 l, mRNA; gi|341914020|ref|XM\_003403679.1| PREDICTED: Homo sapiens putative caspase-14-like prot  
 .99), mRNA; gi|341914023|ref|XM\_003119653.2| PREDICTED: Homo sapiens hypothetical protein LOC

.00652934), mRNA;  
ing protein (LOC399491), miscRNA; gi|341914033|ref|XR\_111644.2| PREDICTED: Homo sapiens GPS, P  
miscRNA;  
ike (61E3.4), mRNA;  
A; gi|341914034|ref|XR\_133118.1| PREDICTED: Homo sapiens hypothetical LOC283887 (LOC283887), r  
ike 3-like, transcript variant 1 (LOC728888), mRNA; gi|310123535|ref|XM\_003118710.1| PREDICTED: H  
miscRNA; gi|341913990|ref|XR\_133097.1| PREDICTED: Homo sapiens UPF0687 protein C20orf27-like (L  
.00652740), mRNA;  
552752), miscRNA;  
4), mRNA; gi|343962649|ref|NM\_001243722.1| Homo sapiens TP53-target gene 3 protein-like (LOC72  
miscRNA;  
porter 1-like (LOC653562), miscRNA;  
11914028|ref|XM\_001716361.4| PREDICTED: Homo sapiens apolipophorins-like (LOC388210), mRNA;  
LOC100652777), mRNA;  
ike 2-like, transcript variant 1 (LOC728734), mRNA;  
ike 2-like (LOC100507607), mRNA;  
00289290), mRNA;  
552818), mRNA;  
.00132941), mRNA; gi|341914940|ref|XM\_002346274.2| PREDICTED: Homo sapiens hypothetical prote  
A;  
.00652822), mRNA;  
.00652851), mRNA;  
miscRNA;  
miscRNA;  
miscRNA; gi|341914054|ref|XR\_111679.2| PREDICTED: Homo sapiens hypothetical LOC100506480 (LO  
A;  
miscRNA;  
OC645722), miscRNA; gi|341915799|ref|XR\_132631.1| PREDICTED: Homo sapiens hypothetical LOC64  
4089|ref|XR\_133147.1| PREDICTED: Homo sapiens hCG1644301 (LOC124685), miscRNA;  
miscRNA; gi|341914059|ref|XR\_133131.1| PREDICTED: Homo sapiens hypothetical LOC100505620 (LO  
.00652922), mRNA;  
.00652929), mRNA;  
miscRNA; gi|341914058|ref|XR\_133130.1| PREDICTED: Homo sapiens hypothetical LOC100287562 (LO  
.00507656), mRNA; gi|341914063|ref|XM\_003119675.2| PREDICTED: Homo sapiens hypothetical prote  
by NCRNA00269-like (LOC100652963), mRNA;  
2 (LOC100506214), miscRNA; gi|310113118|ref|XR\_111706.1| PREDICTED: Homo sapiens hypothetica  
e (LOC100506228), miscRNA; gi|341914069|ref|XR\_133137.1| PREDICTED: Homo sapiens putative unc  
.00652727), mRNA;  
miscRNA;  
miscRNA;  
.00652797), mRNA;  
A;  
miscRNA;  
miscRNA;  
miscRNA;  
iscRNA; gi|341914140|ref|XR\_133167.1| PREDICTED: Homo sapiens zinc finger protein 799-like (LOC1C  
|341914147|ref|XM\_001720936.3| PREDICTED: Homo sapiens zinc finger protein 728 (ZNF728), mRNA

miscRNA;  
miscRNA; gi|341914146|ref|XR\_111845.2| PREDICTED: Homo sapiens hypothetical LOC100505851 (LO  
miscRNA;  
miscRNA;  
-like (LOC100652943), mRNA;  
miscRNA; gi|341914179|ref|XR\_133189.1| PREDICTED: Homo sapiens hypothetical LOC100286969 (LO  
A; gi|310113427|ref|XR\_111876.1| PREDICTED: Homo sapiens hypothetical LOC400706 (LOC400706), r  
miscRNA;  
, mRNA;  
CA25a (LOC100506634), miscRNA;  
|341914158|ref|XM\_003403706.1| PREDICTED: Homo sapiens ovo-like 3 (Drosophila) (OVOL3), mRNA;  
, mRNA;  
7), mRNA; gi|341914183|ref|XM\_003119738.2| PREDICTED: Homo sapiens zinc finger protein 420-like (LOC100505851), mRNA; gi|341914188|ref|XR\_133192.1| PREDICTED: Homo sapiens transmembrane protein 50B (ZSCAN5D), mRNA; gi|341914196|ref|XM\_003403711.1| PREDICTED: Homo sapiens zinc finger and SC domain 1 (ZNF1), mRNA; gi|341914328|ref|XM\_001717339.3| PREDICTED: Homo sapiens ankyrin repeat domain 60 (ANKRD60), mRNA; gi|341914320|ref|XR\_112155.2| PREDICTED: Homo sapiens hypothetical LOC100505944 (LOC100505944), mRNA;  
.00652930), mRNA;  
.00652972), mRNA;  
.00652984), mRNA;  
miscRNA;  
miscRNA;  
miscRNA;  
.00652763), mRNA;  
.00652769), mRNA;  
miscRNA;  
NA; gi|310114054|ref|XM\_003119852.1| PREDICTED: Homo sapiens protein LLP homolog (LOC100506054), mRNA;  
100652871), mRNA;  
.00652894), mRNA;  
.00652901), mRNA;  
miscRNA;  
miscRNA; gi|341915939|ref|XR\_132904.1| PREDICTED: Homo sapiens hypothetical LOC100293744 (LOC100293744), mRNA; gi|341914951|ref|XR\_113297.2| PREDICTED: Homo sapiens hypothetical LOC100506356 (LOC100506356), mRNA; gi|341914952|ref|XR\_113298.2| PREDICTED: Homo sapiens hypothetical LOC100506357 (LOC100506357), mRNA; gi|341914953|ref|XM\_001719394.4| PREDICTED: Homo sapiens melanor variant 2 (MAGEB17), mRNA; gi|341914956|ref|XR\_133559.1| PREDICTED: Homo sapiens hypothetical LOC100132304 (LOC100132304), mRNA;  
miscRNA;  
miscRNA;  
miscRNA;  
miscRNA;  
mRNA;  
mRNA;  
3201), mRNA;



.00289296), mRNA;  
 , mRNA; gi|341913854|ref|XM\_003403654.1| PREDICTED: Homo sapiens zinc finger protein 26-like, tr:  
 A;  
 88627), mRNA;  
 88657), mRNA;  
 scRNA;  
 .00652869), mRNA;  
 miscRNA;  
 2 (LOC100652950), miscRNA; gi|341915980|ref|XR\_132615.1| PREDICTED: Homo sapiens hypothetica  
 974), miscRNA;  
 2 (LOC100652989), miscRNA; gi|341915984|ref|XR\_132618.1| PREDICTED: Homo sapiens hypothetica  
 miscRNA; gi|341914002|ref|XR\_111593.2| PREDICTED: Homo sapiens hypothetical LOC100132529 (LO  
 4 (LOC100506201), miscRNA; gi|310124394|ref|XR\_109323.1| PREDICTED: Homo sapiens hypothetica  
 A;  
 .00652790), mRNA;  
 00344348-like (LOC100652806), mRNA;  
 miscRNA;  
 ome b small subunit, mitochondrial-like (LOC100289186), miscRNA; gi|341914103|ref|XR\_133152.1| P  
 miscRNA;  
 miscRNA;  
 miscRNA;  
 )877), mRNA; gi|341914129|ref|XM\_003403701.1| PREDICTED: Homo sapiens adenylate kinase isoenz  
 miscRNA;  
 miscRNA;  
 (LOC642643), mRNA;  
 27983), mRNA;  
 miscRNA; gi|341914357|ref|XR\_133280.1| PREDICTED: Homo sapiens hypothetical LOC100506454 (LO  
 .00652736), mRNA;  
 miscRNA; gi|341914353|ref|XR\_112220.2| PREDICTED: Homo sapiens hypothetical LOC100506503 (LO  
 miscRNA;  
 miscRNA;  
 pt variant 1 (TSPY10), mRNA; gi|341916021|ref|XM\_003403496.1| PREDICTED: Homo sapiens testis sp  
 miscRNA;  
 2931), miscRNA;  
 miscRNA; gi|341914461|ref|XR\_133332.1| PREDICTED: Homo sapiens hypothetical LOC100128563 (LO  
 A; gi|341914857|ref|XR\_133538.1| PREDICTED: Homo sapiens hypothetical LOC651337 (LOC651337), r  
 i42838), mRNA;  
 miscRNA;  
 iscRNA; gi|341914850|ref|XR\_133535.1| PREDICTED: Homo sapiens non-protein coding RNA 118 (NCR  
 f43), miscRNA;  
 .00652762), mRNA;  
 (LOC441402), miscRNA;  
 .00289528), mRNA;  
 .00652863), mRNA;  
 miscRNA;  
 100288142), miscRNA;  
 .00652986), mRNA;

[illegible]

al miscRNA;  
.OC645202), mRNA; gi|341913940|ref|XM\_003403668.1| PREDICTED: Homo sapiens golgin A6 family-li  
miscRNA;  
57), mRNA;  
mRNA; gi|255522942|ref|NM\_001123391.2| Homo sapiens TBC1 domain family, member 3 (TBC1D3),  
2 (LOC100653041), miscRNA; gi|341916340|ref|XR\_133572.1| PREDICTED: Homo sapiens hypothetica  
miscRNA;  
53049), mRNA;  
.00653069), mRNA;  
miscRNA; gi|300796283|ref|NR\_034118.1| Homo sapiens uncharacterized LOC100132273 (LOC100132  
ariant 3, mRNA; gi|341926168|ref|NM\_001243168.1| Homo sapiens pre T-cell antigen receptor alpha (I  
ng RNA;  
JQ6), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|341926261|ref|NM\_  
Jbfamily M, beta member 4 (KCNMB4), mRNA;  
polymerase I, C, 110kDa (TAF1C), transcript variant 3, mRNA; gi|341926288|ref|NM\_001243160.1| Ho

NA;  
ng RNA;  
ng RNA;  
ant 3, mRNA; gi|342187192|ref|NM\_000034.3| Homo sapiens aldolase A, fructose-bisphosphate (ALDC  
script variant 1, mRNA; gi|342187273|ref|NM\_001243182.1| Homo sapiens ATPase, Cu++ transporting

RNA; gi|41281827|ref|NM\_172168.1| Homo sapiens NADPH oxidase organizer 1 (NOXO1), transcript v  
nsporter 2) (SLC16A7), mRNA;

mRNA;

0), mRNA;

g mitochondrial protein, mRNA;

.), mRNA;

gi|60498998|ref|NM\_001012513.1| Homo sapiens gastrin-releasing peptide (GRP), transcript variant 3

IA;

mRNA;

RNA;

, mRNA;

cript variant 3, mRNA; gi|167614491|ref|NM\_130852.2| Homo sapiens BPI fold containing family A, me  
it 1, mRNA; gi|342307074|ref|NM\_194260.2| Homo sapiens ubiquitin-conjugating enzyme E2I (UBE2I),  
ng RNA;

ot variant 1, mRNA; gi|342307079|ref|NM\_001243194.1| Homo sapiens inositol polyphosphate-5-phos  
ant 2, mRNA; gi|342307084|ref|NM\_001165.4| Homo sapiens baculoviral IAP repeat containing 3 (BIRC  
on-coding RNA;

iant 2, mRNA; gi|342307092|ref|NM\_001716.4| Homo sapiens chemokine (C-X-C motif) receptor 5 (CX  
, mRNA; gi|342307095|ref|NM\_001243198.1| Homo sapiens huntingtin interacting protein 1 (HIP1), tr  
.14), mRNA;

protein, mRNA;

2-AS1), non-coding RNA;

ABRR3), mRNA;

nRNA; gi|342349304|ref|NM\_153201.2| Homo sapiens heat shock 70kDa protein 8 (HSPA8), transcript  
nscript variant 3, mRNA; gi|342349314|ref|NM\_016628.4| Homo sapiens WW domain containing ada;  
ranscript variant 1, mRNA; gi|342349320|ref|NM\_001243211.1| Homo sapiens interleukin 18 (interferi

ng RNA;

A; gi|342349334|ref|NM\_032186.4| Homo sapiens zinc finger protein 644 (ZNF644), transcript variant  
a, elongin B) (TCEB2), transcript variant 2, mRNA; gi|342307061|ref|NM\_007108.3| Homo sapiens trar  
A; gi|342349356|ref|NM\_001243203.1| Homo sapiens RAN binding protein 6 (RANBP6), transcript vari  
iant 1, mRNA; gi|342672028|ref|NR\_040712.1| Homo sapiens chromatin accessibility complex 1 (CHRA  
ding mitochondrial protein, transcript variant 4, mRNA; gi|342349298|ref|NM\_001142464.2| Homo sa  
FAT5), transcript variant 3, mRNA; gi|342672023|ref|NM\_001113178.2| Homo sapiens nuclear factor c  
; gi|308193321|ref|NM\_007343.3| Homo sapiens protease, serine, 3 (PRSS3), transcript variant 1, mRNA  
log (*S. cerevisiae*) (CHTF8), transcript variant 4, mRNA; gi|283806532|ref|NR\_033227.1| Homo sapiens  
iin, y+L system), member 6 (SLC7A6), transcript variant 1, mRNA; gi|342672034|ref|NM\_003983.5| Hoi  
it 2, mRNA; gi|19924112|ref|NM\_004584.2| Homo sapiens RAD9 homolog A (*S. pombe*) (RAD9A), trans  
, mRNA;

ript variant 3, mRNA; gi|342672051|ref|NM\_014303.3| Homo sapiens pescadillo ribosomal biogenesis i

VA; gi|145386535|ref|NM\_003199.2| Homo sapiens transcription factor 4 (TCF4), transcript variant 2, r  
ASSF3), transcript variant 2, non-coding RNA; gi|336594434|ref|NM\_178169.3| Homo sapiens Ras assoi  
VA;

, non-coding RNA; gi|336176065|ref|NM\_001242600.1| Homo sapiens RNA binding motif protein 39 (R  
or, eosinophil granule major basic protein) (PRG2), transcript variant 2, mRNA; gi|46276888|ref|NM\_0  
nRNA; gi|342837697|ref|NM\_021063.3| Homo sapiens histone cluster 1, H2bd (HIST1H2BD), transcrip

PRE1), transcript variant 3, mRNA; gi|226371642|ref|NM\_001146289.1| Homo sapiens leucine proline-HTR3B), mRNA;

ript variant 2, non-coding RNA; gi|343183410|ref|NM\_006392.3| Homo sapiens NOP56 ribonucleoprotein 1, mRNA; gi|343183426|ref|NM\_001243342.1| Homo sapiens coiled-coil domain containing 40 (CC1), yeast (RRP8), mRNA;

NT7A), mRNA;

PD3), mRNA;

RNA;

RNA;

), mRNA;

;

mRNA; gi|210032642|ref|NR\_024272.1| Homo sapiens SEC13 homolog (S. cerevisiae) (SEC13), transcript

variant 9, mRNA; gi|34335223|ref|NM\_183012.1| Homo sapiens cAMP responsive element modulator (C

variant 2, mRNA; gi|34335263|ref|NM\_183048.1| Homo sapiens zinc finger, MYND-type containing 8 (Z

, 9 (PSMD9), mRNA;

variant 1, mRNA; gi|34335286|ref|NM\_173073.2| Homo sapiens solute carrier family 35, member C2 (SL

e encoding mitochondrial protein, mRNA;

RNA; gi|343403755|ref|NM\_001206528.2| Homo sapiens cartilage acidic protein 1 (CRTAC1), transcript

non-coding RNA;

variant chain (CD74), transcript variant 2, mRNA; gi|343403785|ref|NM\_001025159.2| Homo sapiens

script variant 2, mRNA; gi|343403793|ref|NM\_001243351.1| Homo sapiens negative regulator of ubiqu

ing RNA;

ing RNA;

-coding RNA; gi|343407654|ref|NR\_044998.1| Homo sapiens paraspeckle component 1 (PSPC1), transcript  
ogene (OR7E12P), non-coding RNA;

5 (ACTR3BP5), non-coding RNA;

B), transcript variant 1, mRNA; gi|343403855|ref|NM\_001037144.5| Homo sapiens centrobins, centrosome

pt variant 1, mRNA; gi|343432579|ref|NM\_198930.3| Homo sapiens pyrin and HIN domain family, member

2583|ref|NM\_001243385.1| Homo sapiens parvin, beta (PARVB), transcript variant 3, mRNA; gi|34343

ogene (OR7E14P), non-coding RNA;

ABA), member 13 (SLC6A13), transcript variant 2, mRNA; gi|343432606|ref|NM\_001243392.1| Homo

gene (OR7E2P), non-coding RNA;

logene (OR10V2P), non-coding RNA;

oding RNA;

478145|ref|NM\_197962.2| Homo sapiens glutaredoxin 2 (GLRX2), nuclear gene encoding mitochondria  
in 2 (AGAP2), transcript variant 2, mRNA; gi|343478150|ref|NM\_001122772.2| Homo sapiens ArfGAP v  
3, mRNA; gi|343478158|ref|NM\_001243423.1| Homo sapiens kinesin family member 13A (KIF13A), tr  
domains 1 (SPECC1), transcript variant 2, mRNA; gi|343478199|ref|NM\_152904.4| Homo sapiens sper

3A), transcript variant 1, mRNA; gi|343478262|ref|NM\_001243467.1| Homo sapiens ubiquitin associat  
it variant a, mRNA; gi|343478297|ref|NM\_173872.3| Homo sapiens chloride channel, voltage-sensitive  
IA;

IA;

iant 1, mRNA; gi|343488479|ref|NM\_001190880.2| Homo sapiens hydroxypyruvate isomerase (putativ  
25B), transcript variant 2, mRNA; gi|343488515|ref|NM\_033446.2| Homo sapiens family with sequence  
variant 9, mRNA; gi|343780861|ref|NM\_001243514.1| Homo sapiens estrogen-related receptor gamm  
IA;

t 1, mRNA; gi|343780873|ref|NM\_001243532.1| Homo sapiens PDLIM1 interacting kinase 1 like (PDIK  
it 3, mRNA; gi|343780882|ref|NM\_001145210.2| Homo sapiens ankyrin repeat domain 65 (ANKRD65),

int 3, mRNA; gi|294712548|ref|NM\_172200.2| Homo sapiens interleukin 15 receptor, alpha (IL15RA), t  
mRNA; gi|343780897|ref|NM\_001080425.3| Homo sapiens brain expressed, X-linked 4 (BEX4), trans  
variant 1, mRNA; gi|343780893|ref|NM\_001243540.1| Homo sapiens differential display clone 8 (LOC  
IA;

;

;

ript variant 3, mRNA; gi|343790875|ref|NM\_024887.3| Homo sapiens dehydrolipichyl diphosphate sy  
-AS1), mRNA;

3522473|ref|NM\_000616.4| Homo sapiens CD4 molecule (CD4), transcript variant 1, mRNA; gi|343790  
ot variant 7, mRNA; gi|343790992|ref|NR\_045013.1| Homo sapiens LIM domain only 3 (rhombotin-like  
otif 7 (NUDT7), transcript variant 2, mRNA; gi|343887371|ref|NM\_001243657.1| Homo sapiens nudix  
ranscript variant 3, mRNA; gi|343962592|ref|NM\_003409.4| Homo sapiens zinc finger protein 161 homol  
AS1), transcript variant 12, non-coding RNA; gi|343962629|ref|NR\_045028.1| Homo sapiens C17orf76 a  
riant 1, mRNA; gi|343962635|ref|NM\_153048.3| Homo sapiens FYN oncogene related to SRC, FGR, YE

ling mitochondrial protein, transcript variant 1, mRNA; gi|344030196|ref|NM\_001243689.1| Homo sap  
ript variant 4, mRNA; gi|38679887|ref|NM\_198896.1| Homo sapiens RAB6A, member RAS oncogene fa  
5), transcript variant 2, non-coding RNA; gi|343966413|ref|NM\_152522.5| Homo sapiens ADP-ribosylat  
or 1 (brefeldin A-inhibited) (ARFGEF1), mRNA;

VAR), transcript variant 2, mRNA; gi|194306649|ref|NM\_006515.3| Homo sapiens SET domain and ma  
NA; gi|193788630|ref|NR\_024012.1| Homo sapiens testis expressed 264 (TEX264), transcript variant 3  
cript variant 2, mRNA; gi|344030223|ref|NM\_001099777.3| Homo sapiens chromosome 3 open readir

rt 3, mRNA; gi|344030232|ref|NM\_001042728.2| Homo sapiens retinoic acid receptor, gamma (RARG)  
riant VEGFB-186, mRNA; gi|344179102|ref|NM\_001243733.1| Homo sapiens vascular endothelial grov  
44179109|ref|NM\_004244.5| Homo sapiens CD163 molecule (CD163), transcript variant 1, mRNA;  
RNA; gi|344179119|ref|NM\_001197323.1| Homo sapiens HIRA interacting protein 3 (HIRIP3), transcrip

8|ref|NM\_002859.3| Homo sapiens paxillin (PXN), transcript variant 1, mRNA; gi|344217709|ref|NM\_001163558.2| Homo sapiens prolactin (PRL), transcript variant 2, mRNA; gi|344217732|ref|NM\_001243763.1| Homo sapiens RAB GTPase activating protein 1, transcript variant 1, mRNA; gi|344189932|ref|NM\_001243738.1| Homo sapiens ral guanine nucleotide exchange factor 1, transcript variant 3, mRNA; gi|344217745|ref|NM\_001243743.1| Homo sapiens Fanconi anemia, complementation group C (FANCA), transcript variant 2, mRNA; gi|344217762|ref|NM\_001243750.1| Homo sapiens nudix (nucleoside diphosphate-linked moiety X) motif 8 (NUDT8), transcript variant 2, mRNA; gi|344217768|ref|NM\_001243753.1| Homo sapiens chromosome 7 open reading frame 100A (CHST1), transcript variant 2, mRNA; gi|210147551|ref|NM\_017739.3| Homo sapiens polyoma virus PTA noncoding RNA 1, transcript variant 2, mRNA; gi|344313168|ref|NM\_152265.4| Homo sapiens basic transcription factor 3-like 4 (BTFL4), transcript variant 3, mRNA; gi|150456435|ref|NM\_018121.3| Homo sapiens family with sequence homology to BTFL4, transcript variant 7, non-coding RNA; gi|344313181|ref|NM\_001077628.2| Homo sapiens anterior gradient 2, transcript variant 1, mRNA; gi|344313195|ref|NM\_001243773.1| Homo sapiens guanine nucleotide binding protein (G-protein) subunit 4, mRNA; gi|165905590|ref|NM\_001113547.1| Homo sapiens LIM domain and actin binding 1 (LIM-kinase 1) (ITGAX), mRNA; gi|34452691|ref|NM\_016208.2| Homo sapiens vacuolar protein sorting 28B (VPS28B), transcript variant MDEG2, mRNA; gi|34452696|ref|NM\_001094.4| Homo sapiens acid-sensing (proton-gated) ion channel 1 (ACID1), mRNA; gi|256223314|ref|NM\_001164326.1| Homo sapiens bromodomain containing 8 (BRD8), transcript variant 1, mRNA; gi|34485715|ref|NM\_183227.1| Homo sapiens RAB23, member RAS oncogene family (RAB23), transcript variant b, mRNA; gi|34485724|ref|NM\_033360.2| Homo sapiens v-Ki-ras2 Kirsten rat sarcoma viral oncogene homolog B (KRAS), transcript variant 1, mRNA; gi|344925824|ref|NM\_001243777.1| Homo sapiens centrosomal protein 57kDa (CEP57), transcript variant 6, mRNA; gi|344925827|ref|NM\_001243778.1| Homo sapiens family with sequence homology to CEP57, transcript variant 4, mRNA; gi|344925851|ref|NM\_001243784.1| Homo sapiens phosphodiesterase 2A, cGMP-dependent, transcript variant 3, mRNA; gi|296040459|ref|NM\_000536.3| Homo sapiens recombination activating gene 2 (RAG2), transcript variant 2 (CHST2), mRNA; gi|345090975|ref|NM\_001008938.3| Homo sapiens cytoskeleton associated protein 5 (CKAP5), transcript variant 6, mRNA; gi|344925881|ref|NR\_045039.1| Homo sapiens single-strand binding protein 12, transcript variant 1, mRNA; gi|345090973|ref|NM\_001243795.1| Homo sapiens carbohydrate (chitinase)-like domain-containing protein 2, transcript variant 2, mRNA; gi|345090985|ref|NM\_001243799.1| Homo sapiens TSC22 domain family, member 1 (TSC22D1), transcript variant 3, mRNA; gi|345091000|ref|NM\_001178032.2| Homo sapiens zinc finger, C4H2 domain containing 1, transcript variant 1, mRNA; gi|345091007|ref|NM\_031203.3| Homo sapiens heterogeneous nuclear ribonucleoprotein A1, transcript variant 1, mRNA; gi|345091014|ref|NM\_001130081.2| Homo sapiens phospholipase D1, phosphatidylcholine-specific, subunit (CACNA1B), transcript variant 2, mRNA; gi|345091031|ref|NM\_000718.3| Homo sapiens chitinase-like domain-containing protein 5 (CHST5), mRNA;





inscript variant 2, mRNA; gi|345842326|ref|NM\_153685.3| Homo sapiens chromosome 12 open reading RNA;

ing) (DGCR5), transcript variant 1, non-coding RNA; gi|345842382|ref|NR\_045121.1| Homo sapiens DiC ng RNA;

;

riant 2, mRNA; gi|345842399|ref|NM\_003236.3| Homo sapiens transforming growth factor, alpha (TG

110022|ref|XR\_111108.1| PREDICTED: Homo sapiens hypothetical LOC100128300 (LOC100128300), m ne (PPP3CC), transcript variant 1, mRNA; gi|345842410|ref|NM\_005605.4| Homo sapiens protein phos RNA;

, mRNA;

avian) (RELA), transcript variant 3, mRNA; gi|223468680|ref|NM\_001145138.1| Homo sapiens v-rel reti

it variant 2, mRNA; gi|345842460|ref|NM\_001098512.2| Homo sapiens protein kinase, cGMP-depende nt 3, non-coding RNA; gi|345842469|ref|NR\_027514.2| Homo sapiens cyclin D-type binding-protein 1 (

ion-coding RNA;

nolog, Drosophila); translocated to, 10 pseudogene 1 (MLLT10P1), non-coding RNA;

cript variant 1, mRNA; gi|345842492|ref|NM\_001243998.1| Homo sapiens Spi-B transcription factor (S ng RNA;

l6), mRNA;

11L10), non-coding RNA;

ng RNA;

NA;

t variant 1, non-coding RNA; gi|346223453|ref|NR\_045127.1| Homo sapiens uncharacterized LOC1006

, mRNA; gi|346223460|ref|NM\_001206488.2| Homo sapiens activating transcription factor 3 (ATF3), ti on-coding RNA;

oding RNA;

ing RNA;

oding RNA;

ystem), member 3 pseudogene (LOC284379), non-coding RNA;

1), non-coding RNA;

ng RNA;

ariant 2, mRNA; gi|346644678|ref|NM\_024711.5| Homo sapiens GTPase, IMAP family member 6 (GIM.

46644660|ref|NM\_001244189.1| Homo sapiens KIAA0586 (KIAA0586), transcript variant 1, mRNA; gi|3

2, non-coding RNA; gi|346644734|ref|NR\_045128.1| Homo sapiens taxilin gamma 2, pseudogene (TXL

46644760|ref|NM\_176801.2| Homo sapiens adducin 1 (alpha) (ADD1), transcript variant 4, mRNA; gi|3

), transcript variant 1, mRNA; gi|346644794|ref|NM\_001244134.1| Homo sapiens mitogen-activated p nuclear gene encoding mitochondrial protein, mRNA;

EX1), transcript variant 2, mRNA; gi|346644847|ref|NM\_080649.2| Homo sapiens APEX nuclease (multi

|346716177|ref|NM\_139345.2| Homo sapiens bridging integrator 1 (BIN1), transcript variant 3, mRNA;

2 (NUDT2), transcript variant 1, mRNA; gi|346986331|ref|NM\_147173.2| Homo sapiens nudix (nucleo

46986433|ref|NM\_000045.3| Homo sapiens arginase, liver (ARG1), transcript variant 2, mRNA;

t variant 6, mRNA; gi|346986470|ref|NM\_174953.2| Homo sapiens ATPase, Ca++ transporting, ubiquit

epsilon subunit (ATP5E), nuclear gene encoding mitochondrial protein, mRNA;

variant 4, mRNA; gi|347300417|ref|NM\_001244570.1| Homo sapiens BH3 interacting domain death ag  
i-coding RNA;

|ref|NM\_006485.3| Homo sapiens fibulin 1 (FBLN1), transcript variant B, mRNA; gi|34734067|ref|NM\_  
us purpuratus) (FSCN1), mRNA;

RRAP), transcript variant 2, mRNA; gi|347360921|ref|NM\_001244580.1| Homo sapiens transformatior  
SA1), transcript variant 1, mRNA; gi|347360923|ref|NM\_022650.2| Homo sapiens RAS p21 protein act  
gi|347360942|ref|NM\_001244583.1| Homo sapiens transcription factor EC (TFEC), transcript variant 3,

evisiae) (IMMP2L), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|347446  
RNA; gi|347446677|ref|NM\_001244585.1| Homo sapiens LUC7-like 2 (S. cerevisiae) (LUC7L2), transcrip  
'), transcript variant 3, non-coding RNA; gi|332078478|ref|NM\_001206739.1| Homo sapiens integrin be  
it A, mRNA; gi|347446692|ref|NM\_001161013.2| Homo sapiens armadillo repeat containing 10 (ARMC

cript variant 2, mRNA; gi|347543753|ref|NM\_052868.4| Homo sapiens immunoglobulin superfamily, m  
ATPD4), transcript variant 2, mRNA; gi|347543761|ref|NM\_004901.4| Homo sapiens ectonucleoside tri  
3, mRNA; gi|347543827|ref|NM\_001386.5| Homo sapiens dihydropyrimidinase-like 2 (DPYSL2), transc  
nscript variant 2, mRNA; gi|296080780|ref|NM\_032199.2| Homo sapiens AT rich interactive domain 5  
mRNA;

ranscript variant 2, mRNA; gi|170650589|ref|NM\_014043.3| Homo sapiens charged multivesicular body p  
A;

-coding RNA; gi|347582637|ref|NR\_045180.1| Homo sapiens SPG20 opposite strand (SPG20OS), trans

3, mRNA; gi|331028735|ref|NM\_015607.3| Homo sapiens chromatin target of PRMT1 (CHTOP), trans  
.9|ref|NM\_001244666.1| Homo sapiens syntaxin 5 (STX5), transcript variant 2, mRNA;

script variant 2, mRNA; gi|347658947|ref|NM\_018271.4| Homo sapiens threonine synthase-like 2 (S. c

RNA; gi|347658963|ref|NM\_001244682.1| Homo sapiens POU class 2 homeobox 3 (POU2F3), transcrip  
: variant 1, mRNA; gi|347658968|ref|NM\_001244683.1| Homo sapiens phosphodiesterase 3A, cGMP-ir  
cript variant 2, mRNA; gi|347659012|ref|NM\_001244701.1| Homo sapiens zinc finger protein 36, C3H t  
variant 2, mRNA; gi|194294550|ref|NM\_015989.4| Homo sapiens cysteine sulfinic acid decarboxylase (  
transcript variant 2, mRNA; gi|347659027|ref|NM\_001244710.1| Homo sapiens glutamine--fructose-6  
transcript variant 3, mRNA; gi|164663827|ref|NM\_018291.3| Homo sapiens FGGY carbohydrate kinase  
variant 3, mRNA; gi|347800661|ref|NM\_001244713.1| Homo sapiens RAD23 homolog B (S. cerevisiae)  
variant 2, mRNA; gi|289666783|ref|NM\_001038603.2| Homo sapiens MARVEL domain containing 2 (M  
variant 2, mRNA; gi|291463282|ref|NM\_032273.3| Homo sapiens transmembrane protein 126A (TME  
cleolar RNA;

FCGR3B), transcript variant 1, mRNA; gi|348041250|ref|NM\_000570.4| Homo sapiens Fc fragment of Ig  
ipt variant 1, mRNA; gi|348041278|ref|NM\_001244755.1| Homo sapiens C-type lectin domain family 3

RNA; gi|348041384|ref|NM\_001244767.1| Homo sapiens MOB kinase activator 1B (MOB1B), transcript

transcript variant 4, mRNA; gi|350276260|ref|NM\_001244945.1| Homo sapiens STEAP family member 2 (STEAP2), mRNA;

transcript variant 1, mRNA; gi|350529337|ref|NM\_001244984.1| Homo sapiens sel-1 suppressor of lin-12-like 1 (SEL1L), mRNA;

(NFIC), transcript variant 1, mRNA; gi|350529394|ref|NM\_205843.2| Homo sapiens nuclear factor I/C (NFIC), mRNA;

(PCAT1), non-coding RNA; gi|350529394|ref|NM\_205843.2| Homo sapiens nuclear factor I/C (NFIC), mRNA;

cappa J region (RBPJ), transcript variant 1, mRNA; gi|350606366|ref|NM\_203283.2| Homo sapiens receptor-interacting protein gamma J region (RBPJ), transcript variant 1, mRNA;

RNA; gi|333360877|ref|NM\_001207026.1| Homo sapiens POU class 2 homeobox 2 (POU2F2), transcript variant 1, mRNA;

PHLDB1), transcript variant 2, mRNA; gi|351542211|ref|NM\_001144759.2| Homo sapiens pleckstrin homology domain containing 1 (PHLDB1), transcript variant 2, mRNA;

E2AK2), transcript variant 1, mRNA; gi|351542234|ref|NM\_001135651.2| Homo sapiens eukaryotic translation initiation factor 1 (ASAP1), transcript variant 2, mRNA; gi|351542236|ref|NM\_018482.3| Homo sapiens ArfGAP with multiple domains (PTPRF), interacting protein (liprin), alpha 1 (PPFIA1), transcript variant 2, mRNA; gi|351542244|ref|NM\_001135651.2| Homo sapiens eukaryotic translation initiation factor 1 (ASAP1), transcript variant 2, mRNA;

(MS4A6A), transcript variant 1, mRNA; gi|351721051|ref|NM\_152851.2| Homo sapiens membrane-spanning protein 4 (MS4A6A), transcript variant 1, mRNA; gi|351721295|ref|NM\_001248000.1| Homo sapiens SET nuclear oncogene (SET), transcript variant 3, mRNA; gi|351721562|ref|NM\_001248006.1| Homo sapiens tripartite motif containing 3 (TRIM3), transcript variant 1, mRNA; gi|351721562|ref|NM\_001248006.1| Homo sapiens tripartite motif containing 3 (TRIM3), transcript variant 1, mRNA;

ARNTL2), transcript variant 3, mRNA; gi|351721417|ref|NM\_001248002.1| Homo sapiens aryl hydrocarbon receptor nuclear translocator 2 (ARNTL2), transcript variant 3, mRNA;

LA; gi|351722021|ref|NM\_001145098.2| Homo sapiens SKI-like oncogene (SKIL), transcript variant 3, mRNA; gi|351722337|ref|NM\_001145098.2| Homo sapiens SKI-like oncogene (SKIL), transcript variant 3, mRNA;

9 (NUDT9), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|351722337|ref|NM\_001145098.2| Homo sapiens SKI-like oncogene (SKIL), transcript variant 3, mRNA;

LA; gi|351722337|ref|NM\_001145098.2| Homo sapiens SKI-like oncogene (SKIL), transcript variant 3, mRNA;

variant 3, mRNA; gi|352962164|ref|NM\_001011543.2| Homo sapiens melanoma antigen family A, 10 (MAGEA10), mRNA; gi|91206461|ref|NM\_001040058.1| Homo sapiens secreted phosphoprotein 1 (SPP1), transcript variant 1, mRNA;

, mRNA; gi|172072683|ref|NM\_001198.3| Homo sapiens PR domain containing 1, with zinc finger motifs (PRKDC), transcript variant 2, mRNA; gi|172072683|ref|NM\_001198.3| Homo sapiens PR domain containing 1, with zinc finger motifs (PRKDC), transcript variant 2, mRNA;

C, member 1 (TRPC1), transcript variant 1, mRNA; gi|93141224|ref|NM\_003304.4| Homo sapiens transient receptor potential cation channel subfamily C, member 1 (TRPC1), transcript variant 1, mRNA; gi|93141224|ref|NM\_003304.4| Homo sapiens transient receptor potential cation channel subfamily C, member 1 (TRPC1), transcript variant 1, mRNA;

5), transcript variant 6, mRNA; gi|217330621|ref|NM\_014308.3| Homo sapiens phosphoinositide-3-kinase, gamma (PIK3G), transcript variant 6, mRNA; gi|217330621|ref|NM\_014308.3| Homo sapiens phosphoinositide-3-kinase, gamma (PIK3G), transcript variant 6, mRNA;

t variant 2, mRNA; gi|353523789|ref|NM\_005662.6| Homo sapiens voltage-dependent anion channel 3 (VDAC3), transcript variant 2, mRNA; gi|353523789|ref|NM\_005662.6| Homo sapiens voltage-dependent anion channel 3 (VDAC3), transcript variant 2, mRNA;

variant 1, mRNA; gi|117956388|ref|NM\_030568.3| Homo sapiens KH homology domain containing 1 (KHDC1), transcript variant 1, mRNA; gi|117956388|ref|NM\_030568.3| Homo sapiens KH homology domain containing 1 (KHDC1), transcript variant 1, mRNA;

(KMO), mRNA; gi|353523868|ref|NM\_001251885.1| Homo sapiens vasoactive intestinal peptide receptor 1 (VIPR1), transcript variant 4, mRNA; gi|353523868|ref|NM\_001251885.1| Homo sapiens vasoactive intestinal peptide receptor 1 (VIPR1), transcript variant 4, mRNA;

L (ASPCR1), transcript variant 3, non-coding RNA; gi|353677959|ref|NM\_024083.3| Homo sapiens aldehyde oxidoreductase (AKR7A2), mRNA; gi|353677959|ref|NM\_024083.3| Homo sapiens aldehyde oxidoreductase (AKR7A2), mRNA;

ant 1, mRNA; gi|353677979|ref|NM\_003985.4| Homo sapiens tyrosine kinase, non-receptor, 1 (TNK1),  
, transcript variant 1, mRNA; gi|353731057|ref|NM\_001251934.1| Homo sapiens nuclear receptor subunit  
ng RNA;  
;  
ariant 2, mRNA; gi|323714271|ref|NM\_001204268.1| Homo sapiens FXD6-FXD2 readthrough (FXD2)  
ain and leucine zipper containing 2 (APPL2), transcript variant 2, mRNA; gi|82617617|ref|NM\_018171.3  
script variant 2, mRNA; gi|354459353|ref|NM\_001251921.1| Homo sapiens RAP1B, member of RAS on  
ng RNA;  
;  
nRNA; gi|354459374|ref|NR\_036627.2| Homo sapiens RNA binding motif protein 5 (RBM5), transcript v  
ng RNA;  
  
GEF26), transcript variant 3, mRNA; gi|354459391|ref|NM\_001251962.1| Homo sapiens Rho guanine r  
6 (NUDT6), transcript variant 1, mRNA; gi|354459403|ref|NM\_198041.2| Homo sapiens nudix (nucleo  
; A (S. cerevisiae) (TOMM70A), nuclear gene encoding mitochondrial protein, mRNA;  
t 1, non-coding RNA; gi|224465150|ref|NR\_027116.1| Homo sapiens uncharacterized LOC285768 (LOC  
nRNA; gi|354623073|ref|NM\_001251982.1| Homo sapiens RCAN family member 3 (RCAN3), transcript  
gans) (RIC3), transcript variant 5, non-coding RNA; gi|354548824|ref|NM\_001135109.2| Homo sapiens  
OA5), transcript variant 2, mRNA; gi|354548833|ref|NM\_001251969.1| Homo sapiens solute carrier fa  
RNA; gi|354623060|ref|NR\_045407.1| Homo sapiens RCAN3 antisense (RCAN3AS), transcript variant 2  
ng RNA;  
on-coding RNA;  
ng RNA;  
ntisense RNA;  
ense RNA;  
t variant 1, mRNA; gi|354681978|ref|NM\_001166435.2| Homo sapiens inter-alpha-trypsin inhibitor he  
variant 2, mRNA; gi|354681984|ref|NM\_001251991.1| Homo sapiens geminin, DNA replication inhibito  
RNA; gi|354681987|ref|NM\_001143850.2| Homo sapiens tectonic family member 2 (TCTN2), transcript  
3, mRNA; gi|354681989|ref|NM\_032632.4| Homo sapiens poly(A) polymerase alpha (PAPOLA), transcr  
, mRNA; gi|354681999|ref|NM\_001251974.1| Homo sapiens regulator of calcineurin 2 (RCAN2), transc  
2, mRNA; gi|195927053|ref|NM\_003971.5| Homo sapiens sperm associated antigen 9 (SPAG9), transc  
iant 6, non-coding RNA; gi|331284159|ref|NM\_001206648.1| Homo sapiens A kinase (PRKA) interactin  
ref|NM\_001251987.1| Homo sapiens triadin (TRDN), transcript variant 2, mRNA; gi|365192559|ref|NM  
RNA; gi|354721105|ref|NM\_001009909.3| Homo sapiens leucine zipper protein 2 (LUZP2), transcript  
', mRNA; gi|354721134|ref|NM\_001134430.2| Homo sapiens torsin family 2, member A (TOR2A), trans  
M, member 1 (TRPM1), transcript variant 3, mRNA; gi|354721144|ref|NM\_001252020.1| Homo sapien  
NA;  
21194|ref|NM\_001252043.1| Homo sapiens TAO kinase 2 (TAOK2), transcript variant 3, mRNA; gi|354  
variant 1, mRNA; gi|354725901|ref|NM\_001252036.1| Homo sapiens RAB5B, member RAS oncogene f  
variant 1, mRNA; gi|354721183|ref|NM\_001252039.1| Homo sapiens RAB5C, member RAS oncogene f  
nscript variant 3, mRNA; gi|35493700|ref|NM\_152564.3| Homo sapiens vacuolar protein sorting 13 ho  
nt 3, mRNA; gi|35493763|ref|NM\_176806.2| Homo sapiens molybdenum cofactor synthesis 2 (MOCS2  
, transcript variant 2, mRNA; gi|378925643|ref|NM\_183419.2| Homo sapiens ring finger protein 19A, f

RNA; gi|35493951|ref|NM\_183415.1| Homo sapiens ubiquitin protein ligase E3B (UBE3B), transcript variant 1, mRNA; gi|354983494|ref|NM\_001252050.1| Homo sapiens protein-L

gi|354983505|ref|NM\_004200.3| Homo sapiens synaptotagmin VII (SYT7), transcript variant 2, mRNA; gi|355330267|ref|NM\_001252103.1| Homo sapiens solute carrier family 3, member 3 regulator 2 (SLC9A3R2), transcript variant 1, mRNA; gi|355330277|ref|NM\_006313.2| Homo sapiens ubiquitin specific peptidase 15 (USP15), transcript variant 1, mRNA; gi|355390294|ref|NM\_001252092.1| Homo sapiens muscle RAS oncogene homolog (MRAS), transcript variant 1, mRNA;

gi|355390312|ref|NM\_182706.4| Homo sapiens scribbled homolog (Drosophila) (SCRIB), transcript variant 1, mRNA; gi|355390330|ref|NM\_001252103.1| Homo sapiens kinesin family member 21B (KIF21B), transcript variant 1, mRNA;

gi|355477268|ref|NM\_001252124.1| Homo sapiens PAS domain containing protein 4E1 (AP4E1), transcript variant 2, mRNA; gi|355477270|ref|NM\_007347.4| Homo sapiens adaptor-related protein complex 4 (ARPC4), transcript variant 2, mRNA; gi|355477273|ref|NM\_012321.4| Homo sapiens LSM4 homolog (LSM4), transcript variant 2, mRNA; gi|356460960|ref|NR\_045493.1| Homo sapiens LSM1 homolog (LSM1), transcript variant 1, mRNA; gi|356460994|ref|NM\_001252148.1| Homo sapiens solute carrier family 9, member 1 (SLC9A9), transcript variant 3, mRNA; gi|356461015|ref|NM\_001252156.1| Homo sapiens gem (nuclear organelle) (GEM), transcript variant 1, mRNA;

gi|356461015|ref|NM\_001252156.1| Homo sapiens gem (nuclear organelle) (GEM), transcript variant 1, mRNA; gi|356461015|ref|NM\_001252156.1| Homo sapiens gem (nuclear organelle) (GEM), transcript variant 1, mRNA; gi|356461015|ref|NM\_001252156.1| Homo sapiens gem (nuclear organelle) (GEM), transcript variant 1, mRNA; gi|356461015|ref|NM\_001252156.1| Homo sapiens gem (nuclear organelle) (GEM), transcript variant 1, mRNA;

gi|356461015|ref|NM\_001252156.1| Homo sapiens gem (nuclear organelle) (GEM), transcript variant 1, mRNA; gi|356461015|ref|NM\_001252156.1| Homo sapiens gem (nuclear organelle) (GEM), transcript variant 1, mRNA; gi|356461015|ref|NM\_001252156.1| Homo sapiens gem (nuclear organelle) (GEM), transcript variant 1, mRNA; gi|356461015|ref|NM\_001252156.1| Homo sapiens gem (nuclear organelle) (GEM), transcript variant 1, mRNA;

gi|356461015|ref|NM\_001252156.1| Homo sapiens gem (nuclear organelle) (GEM), transcript variant 1, mRNA;

gi|356461015|ref|NM\_001252156.1| Homo sapiens gem (nuclear organelle) (GEM), transcript variant 1, mRNA; gi|356461015|ref|NM\_001252156.1| Homo sapiens gem (nuclear organelle) (GEM), transcript variant 1, mRNA; gi|356461015|ref|NM\_001252156.1| Homo sapiens gem (nuclear organelle) (GEM), transcript variant 1, mRNA; gi|356461015|ref|NM\_001252156.1| Homo sapiens gem (nuclear organelle) (GEM), transcript variant 1, mRNA;

gi|356494781|ref|NM\_001018090.4| Homo sapiens GRINL1A complex locus 1 (GCOM1), transcript variant 1, mRNA; gi|356494781|ref|NM\_001018090.4| Homo sapiens GRINL1A complex locus 1 (GCOM1), transcript variant 1, mRNA;

gi|356494781|ref|NM\_001018090.4| Homo sapiens GRINL1A complex locus 1 (GCOM1), transcript variant 1, mRNA;

gi|356582251|ref|NM\_147169.2| Homo sapiens chromosome 9 open reading frame 1 (C9orf1), transcript variant 2, mRNA; gi|67190747|ref|NM\_007293.2| Homo sapiens complement component 3B (C3B), transcript variant 1, mRNA; gi|356582286|ref|NM\_019000.4| Homo sapiens family with sequence similarity (FAM19A1), transcript variant 2, mRNA; gi|356582302|ref|NM\_213609.3| Homo sapiens family with sequence similarity (FAM19A2), transcript variant 1, mRNA; gi|356582333|ref|NM\_006622.3| Homo sapiens polo-like kinase 2 (PLK2), transcript variant 1, mRNA; gi|356582350|ref|NM\_199247.2| Homo sapiens calcium channel, voltage-gated L-type (CACOPHONY1), transcript variant 2, mRNA; gi|356582353|ref|NM\_021982.2| Homo sapiens SEC24 family, member A (SEC24A), transcript variant 1, mRNA; gi|356582393|ref|NM\_182522.4| Homo sapiens family with sequence similarity (FAM19A4), transcript variant 2, mRNA; gi|356582393|ref|NM\_182522.4| Homo sapiens family with sequence similarity (FAM19A4), transcript variant 2, mRNA;

gi|356582333|ref|NM\_006622.3| Homo sapiens polo-like kinase 2 (PLK2), transcript variant 1, mRNA; gi|356582350|ref|NM\_199247.2| Homo sapiens calcium channel, voltage-gated L-type (CACOPHONY1), transcript variant 2, mRNA; gi|356582353|ref|NM\_021982.2| Homo sapiens SEC24 family, member A (SEC24A), transcript variant 1, mRNA; gi|356582393|ref|NM\_182522.4| Homo sapiens family with sequence similarity (FAM19A4), transcript variant 2, mRNA; gi|356582393|ref|NM\_182522.4| Homo sapiens family with sequence similarity (FAM19A4), transcript variant 2, mRNA;

gi|356582333|ref|NM\_006622.3| Homo sapiens polo-like kinase 2 (PLK2), transcript variant 1, mRNA; gi|356582350|ref|NM\_199247.2| Homo sapiens calcium channel, voltage-gated L-type (CACOPHONY1), transcript variant 2, mRNA; gi|356582353|ref|NM\_021982.2| Homo sapiens SEC24 family, member A (SEC24A), transcript variant 1, mRNA; gi|356582393|ref|NM\_182522.4| Homo sapiens family with sequence similarity (FAM19A4), transcript variant 2, mRNA; gi|356582393|ref|NM\_182522.4| Homo sapiens family with sequence similarity (FAM19A4), transcript variant 2, mRNA;

gi|356582443|ref|NM\_001006605.4| Homo sapiens family with sequence similarity (FAM19A1), transcript variant 1, mRNA; gi|356582456|ref|NM\_001252274.1| Homo sapiens tumor necrosis factor (TNFSF8), transcript variant 2, mRNA; gi|356582493|ref|NM\_001244.3| Homo sapiens tumor necrosis factor (TNFSF8), transcript variant 2, mRNA;

22), transcript variant 2, mRNA; gi|356582509|ref|NM\_203468.2| Homo sapiens ectonucleoside triphosphate (SPDEF), transcript variant 2, mRNA; gi|356582510|ref|NM\_012391.2| Homo sapiens SAM pointed domain, transcript variant 1, mRNA; gi|356582518|ref|NM\_001252296.1| Homo sapiens CCAAT/enhancer binding protein 70265854|ref|NM\_001168375.1| Homo sapiens KIAA0319 (KIAA0319), transcript variant 2, mRNA; gi|356640199|ref|NM\_001242505.2| Homo sapiens guanine deaminase (GDA), transcript variant 1, mRNA;

transcript variant 2, mRNA; gi|356640222|ref|NM\_001794.3| Homo sapiens cadherin 4, type 1, R-cadherin (receptor);

mRNA;

356874771|ref|NM\_032866.4| Homo sapiens cingulin-like 1 (CGNL1), transcript variant 2, mRNA; 22), transcript variant 4, non-coding RNA; gi|356874774|ref|NR\_037776.2| Homo sapiens Williams Beuren syndrome protein, transcript variant 2, mRNA; gi|356874777|ref|NM\_199202.2| Homo sapiens theg spermatid protein (THEG), transcript variant 2, mRNA; gi|356874779|ref|NM\_001252377.1| Homo sapiens 5', 3'-nucleotidase, cytosolic (NT5C), transcript variant 1, mRNA; gi|356874782|ref|NM\_000735.3| Homo sapiens glycoprotein hormones, alpha subunit, transcript variant 1, mRNA; gi|356874797|ref|NM\_001252393.1| Homo sapiens TNFAIP3 interacting protein 1 (TNIP1), transcript variant 1, mRNA;

mRNA;

transcript variant 1, mRNA; gi|357394960|ref|NM\_001252404.1| Homo sapiens uncharacterized LOC340393 (C8ORF103);

mitochondrial protein, transcript variant 1, mRNA; gi|357430783|ref|NM\_001252512.1| Homo sapiens uncharacterized LOC340393 (C8ORF103);

; gi|357588513|ref|NM\_001252597.1| Homo sapiens colipase, pancreatic (CLPS), transcript variant 2, non-coding RNA; gi|357933607|ref|NR\_045553.1| Homo sapiens thrombospondin 3 (THBS3), transcript variant 4, non-coding RNA; gi|357933603|ref|NM\_001252613.1| Homo sapiens zinc finger protein 638 (ZNF638), transcript variant 1, mRNA; gi|357933618|ref|NM\_001252618.1| Homo sapiens lipocalin 1 (LCN1), transcript variant 3, mRNA; gi|357933622|ref|NM\_001252622.1| Homo sapiens lipocalin 1 (LCN1), transcript variant 4, non-coding RNA; gi|357933634|ref|NM\_001130863.2| Homo sapiens ectonucleoside triphosphate carrier 1 (SLC8A1), transcript variant E, mRNA; gi|115529447|ref|NM\_021097.2| Homo sapiens solute carrier family 4, member 4, mRNA; gi|189491770|ref|NM\_001128177.1| Homo sapiens thyroid hormone receptor, beta (THRB), transcript variant 3, mRNA; gi|357967661|ref|NM\_003796.3| Homo sapiens URI1, prefoldin-like chaperone (URI1), transcript variant 1, mRNA; gi|166795267|ref|NM\_016026.3| Homo sapiens retinol dehydrogenase 10, transcript variant 2, mRNA; gi|358008165|ref|NM\_153477.2| Homo sapiens ubiquitously-expressed, prelipoprotein receptor, member 2 (SLC1A2), transcript variant 2, mRNA; gi|117938287|ref|NM\_004171.3| Homo sapiens uncharacterized LOC340393 (C8ORF103), transcript variant 1, mRNA; gi|237858683|ref|NR\_027694.1| Homo sapiens protein phosphatase 2 (PPP2R1B), transcript variant 3, mRNA; gi|358356410|ref|NR\_045562.1| Homo sapiens GULP, engulfment protein (GULP), transcript variant 3, mRNA; gi|358248204|ref|NM\_001252675.1| Homo sapiens acyl-CoA synthetase 3, transcript variant 5, non-coding RNA; gi|358248246|ref|NM\_001198800.2| Homo sapiens activating signal transducer 1, non-coding RNA; gi|358051116|ref|NM\_033028.4| Homo sapiens Bardet-Biedl syndrome 4 (BBS4), transcript variant 1, mRNA; gi|358356401|ref|NM\_001253382.1| Homo sapiens ribosomal protein L15 (RPL15), transcript variant 1, mRNA; gi|358356427|ref|NM\_001253357.1| Homo sapiens tyrosine kinase, transcript variant II, mRNA; gi|358356429|ref|NM\_005206.4| Homo sapiens v-crk sarcoma virus CT10 homolog 1 (DAG1), transcript variant 5, mRNA; gi|358438210|ref|NM\_001165928.3| Homo sapiens dystroglycan 1 (DAG1), transcript variant 3, mRNA; gi|358438178|ref|NM\_001253387.1| Homo sapiens uncharacterized LOC340393 (C8ORF103), transcript variant 5, non-coding RNA; gi|283135175|ref|NM\_001170938.1| Homo sapiens inositol-3-phosphate synthase (PI3K), transcript variant 1, mRNA;



39416|ref|NM\_004865.3| Homo sapiens TBP-like 1 (TBPL1), transcript variant 2, mRNA;  
 rscript variant 5, mRNA; gi|282165795|ref|NM\_004817.3| Homo sapiens tight junction protein 2 (zona c  
 8679302|ref|NM\_001253693.1| Homo sapiens mucolipin 3 (MCOLN3), transcript variant 2, mRNA;  
 rRNA; gi|358679310|ref|NM\_001253697.1| Homo sapiens erbb2 interacting protein (ERBB2IP), transcr  
 member 6 (TRPV6), mRNA;  
 rRNA;  
 i8679340|ref|NM\_032214.3| Homo sapiens Src-like-adaptor 2 (SLA2), transcript variant 1, mRNA;  
 oding mitochondrial protein, mRNA;  
 ranscript variant 2, mRNA; gi|359279864|ref|NM\_001253726.1| Homo sapiens kringle containing trans  
 cript variant 10, non-coding RNA; gi|359279867|ref|NM\_001253727.1| Homo sapiens relaxin/insulin-lil  
  
 A; gi|359279917|ref|NM\_172004.3| Homo sapiens C-type lectin-like 1 (CLECL1), transcript variant 1, m  
 n-coding RNA; gi|359279929|ref|NM\_006923.3| Homo sapiens stromal cell-derived factor 2 (SDF2), tr  
 L15387110|ref|NM\_024292.3| Homo sapiens ubiquitin-like 5 (UBL5), transcript variant 1, mRNA;  
  
 }, non-coding RNA; gi|359338963|ref|NM\_001253764.1| Homo sapiens steroid receptor RNA activator  
 A1), mRNA;  
 riant 2, non-coding RNA; gi|359338975|ref|NM\_198318.4| Homo sapiens protein arginine methyltrans  
 i|359339006|ref|NM\_205848.3| Homo sapiens synaptotagmin VI (SYT6), transcript variant 2, mRNA; gi  
  
 :B3L2), transcript variant 2, mRNA; gi|359339003|ref|NM\_194071.3| Homo sapiens cAMP responsive e  
 rRNA; gi|121583654|ref|NM\_018555.5| Homo sapiens zinc finger protein 331 (ZNF331), transcript vari  
  
 |341913719|ref|XM\_003119477.2| PREDICTED: Homo sapiens TPR repeat-containing protein C10orf93  
 ariant 1, mRNA; gi|359385722|ref|NM\_001253791.1| Homo sapiens uncharacterized LOC440335 (LOC  
 rRNA; gi|359385726|ref|NM\_018337.3| Homo sapiens zinc finger protein 444 (ZNF444), transcript vari  
 -coding RNA; gi|359465520|ref|NM\_001130690.2| Homo sapiens phosphodiesterase 10A (PDE10A), tr  
 t variant 1, mRNA; gi|359465531|ref|NM\_148179.2| Homo sapiens ribonuclease P/MRP 25kDa subuni  
 iLC52A2), transcript variant 4, non-coding RNA; gi|359465546|ref|NM\_001253815.1| Homo sapiens so  
 rRNA; gi|40353771|ref|NM\_000712.3| Homo sapiens biliverdin reductase A (BLVRA), transcript variant 1  
 galactosaminyltransferase 14 (GalNAc-T14) (GALNT14), transcript variant 1, mRNA; gi|359465582|ref|NM  
 1), transcript variant 1, mRNA; gi|359465589|ref|NM\_001253830.1| Homo sapiens protein tyrosine ph  
 cript variant 1, mRNA; gi|359465607|ref|NM\_001253835.1| Homo sapiens insulin-like growth factor bi  
 ;  
 rRNA;  
  
 gi|359718924|ref|NM\_024866.5| Homo sapiens adrenomedullin 2 (ADM2), transcript variant 1, mRNA  
 ant 2, mRNA; gi|359718931|ref|NM\_001500.3| Homo sapiens GDP-mannose 4,6-dehydratase (GMDS),  
 ), transcript variant 4, non-coding RNA; gi|359718942|ref|NM\_024626.3| Homo sapiens V-set domain  
 3, mRNA; gi|359718950|ref|NM\_012443.3| Homo sapiens sperm associated antigen 6 (SPAG6), transc  
 ript variant 1, mRNA; gi|359718968|ref|NM\_199053.2| Homo sapiens trafficking protein particle compl  
 ), transcript variant 1, mRNA; gi|359718973|ref|NM\_001253861.1| Homo sapiens meiotic nuclear divis  
 oding mitochondrial protein, transcript variant 4, mRNA; gi|359718985|ref|NM\_014263.3| Homo sapie  
 ant 1, mRNA; gi|359751370|ref|NM\_030784.3| Homo sapiens G protein-coupled receptor 63 (GPR63),  
 A;  
 PF2), transcript variant 2, mRNA; gi|359751384|ref|NM\_080599.2| Homo sapiens UPF2 regulator of nc

variant 3, mRNA; gi|360039222|ref|NM\_001254721.1| Homo sapiens myosin binding protein C, slow type 1 (S. cerevisiae) (DCUN1D1), mRNA;

A;

p4S1), transcript variant 3, mRNA; gi|361050329|ref|NM\_007077.4| Homo sapiens adaptor-related protein 1 (APB1), member 16 (SLC22A16), mRNA;

domains 1-like (SPECC1L), transcript variant 4, mRNA; gi|361050345|ref|NM\_001145468.2| Homo sapiens small muscle protein, X-linked (SMPL), non-coding RNA; gi|361050359|ref|NM\_014332.2| Homo sapiens small muscle protein, X-linked (SMPL), non-coding RNA; gi|148664231|ref|NM\_198994.2| Homo sapiens transglutaminase 6 (TGM6), transcript variant 1, mRNA; gi|36287087|ref|NM\_007045.2| Homo sapiens FGFR1 oncogene partner (FGFR1OP), transcript variant 1, mRNA; gi|36287087|ref|NM\_007045.2| Homo sapiens FGFR1 oncogene partner (FGFR1OP), transcript variant 1, mRNA; gi|36287087|ref|NM\_007045.2| Homo sapiens FGFR1 oncogene partner (FGFR1OP), transcript variant 1, mRNA;

assembly factor 1 (NDUFAF1), transcript variant 2, non-coding RNA; gi|362999005|ref|NM\_016013.3| Homo sapiens NDUFAF1, transcript variant 2, non-coding RNA; gi|362999005|ref|NM\_016013.3| Homo sapiens NDUFAF1, transcript variant 2, non-coding RNA;

encoding mitochondrial protein, transcript variant 2, mRNA; gi|362999011|ref|NM\_000688.5| Homo sapiens NDUFAF1, transcript variant 2, mRNA; gi|362999011|ref|NM\_000688.5| Homo sapiens NDUFAF1, transcript variant 2, mRNA;

A; gi|362999163|ref|NM\_005168.4| Homo sapiens Rho family GTPase 3 (RND3), transcript variant 2, mRNA; gi|362999163|ref|NM\_005168.4| Homo sapiens Rho family GTPase 3 (RND3), transcript variant 2, mRNA;

A; gi|362999768|ref|NM\_001179.5| Homo sapiens ADP-ribosyltransferase 3 (ART3), transcript variant 1, mRNA; gi|362999768|ref|NM\_001179.5| Homo sapiens ADP-ribosyltransferase 3 (ART3), transcript variant 1, mRNA;

A; gi|363000041|ref|NM\_001197225.2| Homo sapiens brain expressed, associated with Alzheimer's disease (BRN1), transcript variant 4, mRNA; gi|363000041|ref|NM\_001197225.2| Homo sapiens brain expressed, associated with Alzheimer's disease (BRN1), transcript variant 4, mRNA;

A; gi|363000081|ref|NM\_001254742.1| Homo sapiens parvin, gamma (PARVG), transcript variant 5, mRNA; gi|363000081|ref|NM\_001254742.1| Homo sapiens parvin, gamma (PARVG), transcript variant 5, mRNA;

(PHLPP1), mRNA; gi|363001420|ref|NM\_001254748.1| Homo sapiens regulator of G-protein signaling 1 (RGS1), transcript variant 5, non-coding RNA; gi|363001420|ref|NM\_001254748.1| Homo sapiens regulator of G-protein signaling 1 (RGS1), transcript variant 5, non-coding RNA;

(CRB), transcript variant 3, mRNA; gi|363498368|ref|NM\_006294.4| Homo sapiens ubiquinol-cytochrome b reductase complex subunit 1 (UCRC1), transcript variant 5, non-coding RNA; gi|363547904|ref|NM\_001002756.2| Homo sapiens NFU1 isoform 1, transcript variant 3, non-coding RNA; gi|363543316|ref|NR\_045636.1| Homo sapiens BOLA3 antisense transcript 1, non-coding RNA; gi|363543316|ref|NR\_045636.1| Homo sapiens BOLA3 antisense transcript 1, non-coding RNA;

3323|ref|NM\_001254751.1| Homo sapiens CD6 molecule (CD6), transcript variant 3, mRNA; gi|363543316|ref|NR\_045636.1| Homo sapiens BOLA3 antisense transcript 1, non-coding RNA;

A; gi|256221788|ref|NM\_001136038.2| Homo sapiens zinc finger protein 415 (ZNF415), transcript variant 1, mRNA; gi|256221788|ref|NM\_001136038.2| Homo sapiens zinc finger protein 415 (ZNF415), transcript variant 1, mRNA;

331|ref|NM\_017649.4| Homo sapiens cyclin M2 (CNNM2), transcript variant 1, mRNA; gi|363543333|ref|NR\_045636.1| Homo sapiens BOLA3 antisense transcript 1, non-coding RNA;

4), transcript variant 1, mRNA; gi|363543345|ref|NM\_001254757.1| Homo sapiens ST3 beta-galactosidase 1, 11, 17.3kDa (NDUFB11), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|363543345|ref|NM\_001254757.1| Homo sapiens ST3 beta-galactosidase 1, 11, 17.3kDa (NDUFB11), nuclear gene encoding mitochondrial protein, transcript variant 5, mRNA; gi|186910322|ref|NM\_024909.2| Homo sapiens alpha tubulin acetyltransferase 1 (ATAT1), regulator of chromatin, subfamily a, containing DEAD/H box 1 (SMARCA1), transcript variant 4, mRNA; gi|186910322|ref|NM\_024909.2| Homo sapiens alpha tubulin acetyltransferase 1 (ATAT1), regulator of chromatin, subfamily a, containing DEAD/H box 1 (SMARCA1), transcript variant 4, mRNA; g

, mRNA; gi|366039930|ref|NM\_001127241.2| Homo sapiens BCL2 binding component 3 (BBC3), nuclea  
6039947|ref|NM\_175038.2| Homo sapiens contactin 1 (CNTN1), transcript variant 2, mRNA; gi|366039  
2, mRNA; gi|366039971|ref|NM\_001256068.1| Homo sapiens NADPH oxidase activator 1 (NOXA1), tra  
A; gi|366039978|ref|NM\_001256071.1| Homo sapiens ring finger protein 213 (RNF213), transcript var  
nRNA; gi|366392936|ref|NM\_020351.3| Homo sapiens collagen, type VIII, alpha 1 (COL8A1), transcript  
, mRNA; gi|38570072|ref|NM\_032518.2| Homo sapiens collagen, type XXV, alpha 1 (COL25A1), transcr  
;  
, nuclear gene encoding mitochondrial protein, mRNA;  
RNA;  
A; gi|366393264|ref|NM\_001172226.2| Homo sapiens zinc finger protein 540 (ZNF540), transcript vari  
  
inscript variant 1, mRNA; gi|367145070|ref|NR\_045767.1| Homo sapiens chromosome 11 open readin  
RNA;  
on-coding RNA; gi|368710109|ref|NM\_001256080.1| Homo sapiens kallikrein-related peptidase 2 (KLK  
nt 2, mRNA; gi|368711272|ref|NM\_001256092.1| Homo sapiens activating transcription factor 2 (ATF2  
  
script variant 2, mRNA; gi|368711290|ref|NM\_138455.3| Homo sapiens collagen triple helix repeat coi  
gi|368711304|ref|NM\_004258.4| Homo sapiens CD101 molecule (CD101), transcript variant 1, mRNA; gi  
cript variant 2, mRNA; gi|368711322|ref|NM\_175075.4| Homo sapiens chromosome 8 open reading fr  
chilin-related arm-repeat protein) (CTNND2), mRNA;  
ncoding mitochondrial protein, mRNA;  
mRNA;  
ase) (UCHL3), mRNA;  
g (*S. cerevisiae*) (LEO1), mRNA;

AA10), transcript variant 2, mRNA; gi|371121420|ref|NM\_003491.3| Homo sapiens N(alpha)-acetyltra  
A; gi|371122112|ref|NM\_001256121.1| Homo sapiens S100P binding protein (S100PBP), transcript va  
ant 2, mRNA; gi|371122523|ref|NM\_173547.3| Homo sapiens tripartite motif containing 65 (TRIM65), t  
IA; gi|371122579|ref|NM\_203463.2| Homo sapiens ceramide synthase 6 (CERS6), transcript variant 2, i  
t variant 1, non-coding RNA; gi|371122953|ref|NR\_045787.1| Homo sapiens uncharacterized LOC1008

pt variant 2, mRNA; gi|371123532|ref|NR\_045790.1| Homo sapiens NOP2/Sun domain family, membe  
1, mRNA; gi|371123782|ref|NM\_001256129.1| Homo sapiens ADP-ribosylation factor-like 8A (ARL8A),  
IA;  
IA (WNT5A), transcript variant 2, mRNA; gi|371506361|ref|NM\_003392.4| Homo sapiens wingless-type  
ROZ), transcript variant 1, mRNA; gi|371502107|ref|NM\_003891.2| Homo sapiens protein Z, vitamin K-  
cript variant 1, mRNA; gi|371502111|ref|NM\_001256135.1| Homo sapiens CSE1 chromosome segrega  
gi|187830908|ref|NM\_001126117.1| Homo sapiens tumor protein p53 (TP53), transcript variant 7, mR  
transcript variant 2, mRNA; gi|371502123|ref|NM\_001747.3| Homo sapiens capping protein (actin filam  
2), mRNA;

(TF7IP2), transcript variant 2, mRNA; gi|371872959|ref|NM\_024997.3| Homo sapiens activating transcription factor 7, transcript variant 1, mRNA; gi|371872833|ref|NR\_045818.1| Homo sapiens transmembrane and coiled-coil domain containing protein 13 (TF7IP2), mRNA;

rRNA; gi|371873212|ref|NM\_001145398.2| Homo sapiens thyrotrophic embryonic factor (TEF), transcribed  
 rRNA; gi|371873341|ref|NM\_175888.3| Homo sapiens zinc finger protein 620 (ZNF620), transcript vari  
 NA; gi|371873652|ref|NM\_001256172.1| Homo sapiens zinc finger protein 85 (ZNF85), transcript varia

it 1, mRNA; gi|371874408|ref|NR\_045839.1| Homo sapiens ankyrin repeat domain 11 (ANKRD11), tran  
i|371874678|ref|NM\_001256188.1| Homo sapiens sorting nexin 12 (SNX12), transcript variant 5, mRNA.

anscript variant 1, mRNA; gi|371875426|ref|NM\_001256192.1| Homo sapiens programmed cell death

), transcript variant 1, mRNA; gi|371875792|ref|NM\_001256196.1| Homo sapiens v-raf murine sarcom  
mRNA; gi|371877597|ref|NM\_001256154.1| Homo sapiens arachidonate 5-lipoxygenase (ALOX5), tra  
variant 10, mRNA; gi|371940859|ref|NM\_001256239.1| Homo sapiens post-GPI attachment to protein  
it variant 5, non-coding RNA; gi|371940885|ref|NR\_045861.1| Homo sapiens armadillo repeat containi  
itochondrial protein, transcript variant 2, mRNA; gi|371940932|ref|NM\_080916.2| Homo sapiens deo:  
'1A3), transcript variant 2, mRNA; gi|371940939|ref|NM\_001256214.1| Homo sapiens ATPase, Na<sup>+</sup>/K<sup>+</sup>  
transcript variant 3, mRNA; gi|28559070|ref|NM\_175630.1| Homo sapiens DNA (cytosine-5-)-methyltra

2220201|ref|NR\_045662.3| Homo sapiens myopalladin (MYPN), transcript variant 2, non-coding RNA; gi|372266083|ref|NM\_001256255.1| Homo sapiens egf-like 1 (EMR1), transcript variant 1, mRNA; gi|372266126|ref|NM\_001256264.1| Homo sapiens flightless I homolog (Drosophila) (FLII), transcript variant 5, mRNA; gi|372266130|ref|NM\_001145728.2| Homo sapiens intermediate filament 1 (IFIT1), transcript variant 1, mRNA; gi|372266145|ref|NM\_001256269.1| Homo sapiens kinesin family member 22 (KIF22), transcript variant 1, non-coding RNA; gi|372266167|ref|NR\_045951.1| Homo sapiens visual system homeobox 1 (VSX1), transcript variant 1, non-coding RNA; gi|372266177|ref|NM\_001256280.1| Homo sapiens zinc finger protein 26 (ZNF26), transcript variant 1, non-coding RNA.

(LRSAM1), transcript variant 2, mRNA; gi|372266183|ref|NM\_001190723.2| Homo sapiens leucine ricl  
mRNA;

1, mRNA; gi|372461122|ref|NR\_045511.2| Homo sapiens G protein-coupled receptor 78 (GPR78), tran:

571|ref|NM\_001256282.1| Homo sapiens keratin 8 (KRT8), transcript variant 1, mRNA; gi|372466574  
n (ETS2), transcript variant 1, mRNA; gi|372466581|ref|NM\_001256295.1| Homo sapiens v-ets erythrocyte  
cellular RNA;

nsript variant 2, mRNA; gi|295986607|ref|NM\_001178126.1| Homo sapiens immunoglobulin lambda-  
ript variant 1, mRNA; gi|372620348|ref|NM\_001145413.2| Homo sapiens nuclear factor (erythroid-der  
-coding RNA; gi|301336142|ref|NM\_001011657.3| Homo sapiens zinc finger, matrin-type 1 (ZMAT1), t  
;

'MCO5B), non-coding RNA;

IA; gi|372622370|ref|NM\_001256313.1| Homo sapiens serine/threonine kinase 3 (STK3), transcript variant encoding mitochondrial protein, transcript variant 2, mRNA; gi|372622379|ref|NM\_001130517.2| 1L1), non-coding RNA;

: 9 (CHST9), transcript variant 1, mRNA; gi|372622388|ref|NM\_001256316.1| Homo sapiens carbohydr

ion-coding RNA;  
S11GP), non-coding RNA;  
372626412|ref|NM\_183361.2| Homo sapiens dystrobrevin, beta (DTNB), transcript variant 5, mRNA; gi|372626418|ref|NM\_001256306.1| Homo sapiens hydroxyprostaglandin synthase 1, transcript variant 3, non-coding RNA; gi|372626411|ref|NM\_004730.3| Homo sapiens eukaryotic translation initiation factor 4E, transcript variant 2, mRNA; gi|373251162|ref|NM\_014905.4| Homo sapiens glutaminase (GluT), mitochondrial protein, transcript variant 1, mRNA; gi|373251177|ref|NR\_046028.1| Homo sapiens acyl-CoA oxidase 1, transcript variant 1, mRNA; gi|374858065|ref|NR\_046083.1| Homo sapiens adiponectin receptor 1 (ADIPOR1), transcript variant 1, mRNA; gi|373251210|ref|NM\_001256323.1| Homo sapiens thiamine triphosphatase (THTPA), transcript variant 5, mRNA; gi|373251221|ref|NM\_198938.2| Homo sapiens prostaglandin E synthase 2 (PTGES2), transcript variant 1, mRNA; gi|373432599|ref|NR\_046035.1| Homo sapiens chemokine (C-C motif) receptor 9 (CCR9), transcript variant 1, mRNA; gi|373432600|ref|NM\_138554.4| Homo sapiens toll-like receptor 4 (TLR4), transcript variant 1, mRNA; gi|373432622|ref|NM\_001256338.1| Homo sapiens chromodomain protein 1, transcript variant 2, mRNA; gi|373432629|ref|NR\_046072.1| Homo sapiens NK3 homeobox 1 (NKX3-1), transcript variant 3, non-coding RNA; gi|373432687|ref|NR\_046082.1| Homo sapiens ubiquitin-conjugating enzyme E2L 3 (UBE2L3), transcript variant 1, mRNA; gi|373432690|ref|NM\_005975.3| Homo sapiens PTK6 protein tyrosine kinase 6 (PTK6), transcript variant 1, mRNA; gi|302495427|ref|NM\_006641.3| Homo sapiens chemokine (C-C motif) receptor 9 (CCR9), transcript variant 1, mRNA; gi|373838707|ref|NM\_001256370.1| Homo sapiens SAM domain protein 1, transcript variant 1, mRNA; gi|373838710|ref|NM\_001256371.1| Homo sapiens E2F transcription factor 8 (E2F8), transcript variant 1, mRNA; gi|374088137|ref|NR\_046160.1| Homo sapiens uncharacterized LOC256021 (LOC256021), transcript variant 1, mRNA; gi|373838723|ref|NM\_001040612.2| Homo sapiens synovial sarcoma, X breakpoint 4 (SYSA), transcript variant 1, mRNA; gi|373838728|ref|NM\_001256379.1| Homo sapiens minichromosome maintenance protein 1, transcript variant 1, mRNA; gi|373838764|ref|NM\_001256387.1| Homo sapiens leucine rich repeat containing 39 (LRRC39), transcript variant 2, non-coding RNA; gi|373838759|ref|NR\_046097.1| Homo sapiens uncharacterized LOC284581 (LOC284581), transcript variant 1, mRNA; gi|373838766|ref|NM\_198386.2| Homo sapiens calcium channel subunit 1 (CACNA1G), transcript variant 2, mRNA; gi|194294559|ref|NM\_017948.5| Homo sapiens nucleolar protein 8 (NOL8), transcript variant 1, mRNA;

;
   
NM\_024174.2| Homo sapiens MAP kinase interacting RNA;
   
;
   
;
   
transcript variant 3, non-coding RNA; gi|373938437|ref|NR\_024525.2| Homo sapiens family with sequence
   
transcript 1, non-coding RNA; gi|373938441|ref|NR\_046112.1| Homo sapiens uncharacterized LOC440894 (LOC
   
transcript variant 2, mRNA; gi|373938454|ref|NR\_046115.1| Homo sapiens Rh family, B glycoprotein (g
   
transcript 4, mRNA; gi|373938449|ref|NM\_001256401.1| Homo sapiens ELOVL fatty acid elongase 1 (ELOVL1),
   
;
   
transcript 2, mRNA; gi|373938459|ref|NM\_001164281.2| Homo sapiens TRAF3 interacting protein 2 (TRAF3IP2),
   
transcript variant 1, mRNA; gi|121949816|ref|NM\_198459.3| Homo sapiens DENN/MADD domain containin
   
(IFT27), transcript variant 1, mRNA; gi|374074936|ref|NR\_033531.2| Homo sapiens intraflagellar trans
   
GNG3), mRNA;
   
transcript 2 (MAPRE2), transcript variant 3, mRNA; gi|374081438|ref|NM\_001143826.2| Homo sapiens microtu
   
transcript 1, mRNA; gi|374081842|ref|NM\_031938.5| Homo sapiens beta-carotene oxygenase 2 (BCO2), transcrip
   
transcript variant 6, non-coding RNA; gi|374081852|ref|NM\_021252.4| Homo sapiens RAB18, member RAS oncog
   
protein 1 (ATPAF1), nuclear gene encoding mitochondrial protein, transcript variant 4, mRNA; gi|344179097|
   
;
   
transcript variant 1, mRNA; gi|374088030|ref|NM\_001256421.1| Homo sapiens 1-acylglycerol-3-phosph
   
transcript variant 4, non-coding RNA; gi|374088099|ref|NR\_046136.1| Homo sapiens family with sequ
   
transcript 2, non-coding RNA; gi|374088145|ref|NR\_046163.1| Homo sapiens uncharacterized LOC158257 (LOC
   
transcript 2, mRNA; gi|374088153|ref|NM\_001256409.1| Homo sapiens leucine rich repeat containing 42 (LRF
   
;
   
transcript variant 3, mRNA; gi|91992152|ref|NM\_001040107.1| Homo sapiens hydrogen voltage-gated channel 1
   
transcript variant 2, mRNA; gi|374078950|ref|NM\_032264.3| Homo sapiens neuroblastoma breakpoin
   
transcript variant 1, mRNA; gi|374093196|ref|NM\_000855.2| Homo sapiens guanylate cyclase 1, soluble, alp
   
transcript 1, non-coding RNA; gi|374093206|ref|NM\_001011516.2| Homo sapiens PDZ and LIM domain 5 (PDLIM5), transcript
   
transcript 13217|ref|NM\_033104.3| Homo sapiens stonin 2 (STON2), transcript variant 1, mRNA;
   
non-coding RNA;
   
transcript variant 3, non-coding RNA; gi|374248675|ref|NM\_001256441.1| Homo sapiens chromosome 19 op
   
transcript variant 5, mRNA; gi|374257739|ref|NR\_046206.1| Homo sapiens zinc finger and BTB domain co
   
transcript 4), transcript variant 1, mRNA; gi|374253758|ref|NR\_046188.1| Homo sapiens neuroblastoma breakpo
   
;
   
;
   
;
   
transcript variant 3, mRNA; gi|156523245|ref|NM\_145239.2| Homo sapiens proline-rich transmembrane prot
   
;
   
transcript variant 1, mRNA; gi|213511729|ref|NM\_005745.7| Homo sapiens B-cell receptor-associated protei
   
transcript variant 7, mRNA; gi|374253801|ref|NM\_000856.5| Homo sapiens guanylate cyclase 1, soluble, alp
   
ng RNA;

5F3L), transcript variant 3, mRNA; gi|374253818|ref|NM\_001256456.1| Homo sapiens cleavage and po  
nt 3, mRNA; gi|374349203|ref|NM\_012330.3| Homo sapiens K(lysine) acetyltransferase 6B (KAT6B), tr  
AP), non-coding RNA;  
on-coding RNA;  
on-coding RNA;  
ng RNA;  
2), non-coding RNA;  
1), non-coding RNA;  
i4), non-coding RNA;  
on-coding RNA;  
ng RNA;  
ng RNA;  
25), transcript variant 1, mRNA; gi|374349234|ref|NR\_046223.1| Homo sapiens Rho guanine nucleotic  
t variant 2, non-coding RNA; gi|374349235|ref|NR\_046224.1| Homo sapiens uncharacterized LOC1006  
t variant 2, non-coding RNA; gi|374349239|ref|NR\_046226.1| Homo sapiens uncharacterized LOC1005  
t 2, mRNA; gi|374349241|ref|NM\_001044385.2| Homo sapiens transmembrane protein 237 (TMEM23  
OC375010), non-coding RNA;  
ng RNA;  
non-coding RNA;  
;  
coding RNA;

A; gi|374429544|ref|NM\_001256476.1| Homo sapiens WD repeat domain 92 (WDR92), transcript varia

N8A), transcript variant 1, mRNA; gi|374429549|ref|NM\_001177984.2| Homo sapiens sodium channel  
ial (CMPK2), transcript variant 4, non-coding RNA; gi|374429553|ref|NM\_001256478.1| Homo sapiens  
ng RNA;  
g RNA;  
ng RNA;  
;  
;  
non-coding RNA;  
;  
transcript variant 3, mRNA; gi|374532774|ref|NM\_001256494.1| Homo sapiens mannosidase, alpha, cla  
NA;

t variant 2, non-coding RNA; gi|374532795|ref|NR\_046247.1| Homo sapiens uncharacterized LOC1005

ariant 3, mRNA; gi|374532799|ref|NM\_001256482.1| Homo sapiens epoxide hydrolase 2, cytoplasmic  
nscript variant 5, non-coding RNA; gi|374532811|ref|NR\_046253.1| Homo sapiens FGD5 antisense RN  
non-coding RNA; gi|374532814|ref|NM\_144670.4| Homo sapiens alpha-2-macroglobulin-like 1 (A2ML  
1532816|ref|NM\_001256486.1| Homo sapiens golgin B1 (GOLGB1), transcript variant 1, mRNA; gi|3745  
t variant 2, non-coding RNA; gi|374532827|ref|NR\_046260.1| Homo sapiens uncharacterized LOC1002  
, mRNA; gi|374671753|ref|NM\_001256502.1| Homo sapiens cell adhesion molecule 2 (CADM2), transc  
ipt variant 2, mRNA; gi|374671772|ref|NR\_046266.1| Homo sapiens TBC1 domain family, member 10C



;  
re encoding mitochondrial protein, transcript variant 5, mRNA; gi|374671788|ref|NM\_001256513.1| H  
;

NA; gi|374671818|ref|NM\_001256523.1| Homo sapiens zinc finger protein 74 (ZNF74), transcript varia  
t variant 2, non-coding RNA; gi|374671829|ref|NR\_046283.1| Homo sapiens uncharacterized LOC1001  
ng RNA;  
t variant 4, non-coding RNA; gi|374717324|ref|NR\_046289.1| Homo sapiens uncharacterized LOC1002  
7, non-coding RNA; gi|374717335|ref|NR\_046294.1| Homo sapiens misato homolog 1 (Drosophila) (M  
porter), member 1 (SLC25A1), transcript variant 4, non-coding RNA; gi|374717339|ref|NR\_033687.2| H  
4), transcript variant 3, non-coding RNA; gi|374717346|ref|NR\_022007.2| Homo sapiens postmeiotic s  
M197Y5), non-coding RNA;  
ariant 1, mRNA; gi|374858039|ref|NM\_001256536.1| Homo sapiens protein arginine methyltransferas  
ember 15 (SLC6A15), transcript variant 1, mRNA; gi|374858048|ref|NM\_018057.6| Homo sapiens solut  
nscript variant 1, mRNA; gi|374858053|ref|NM\_001256540.1| Homo sapiens NOP16 nucleolar protein  
ariant 2, mRNA; gi|374858055|ref|NM\_024600.5| Homo sapiens transmembrane protein 204 (TMEM20  
), mRNA; gi|375065828|ref|NR\_046308.1| Homo sapiens translocator protein (18kDa) (TSPO), transcrip  
33 (SLCO1B3), mRNA;

mRNA; gi|27734696|ref|NM\_173605.1| Homo sapiens potassium channel regulator (KCNRG), transcrip  
variant 3, mRNA; gi|375065836|ref|NM\_018480.4| Homo sapiens transmembrane protein 126B (TMEI  
non-coding RNA; gi|375065847|ref|NM\_032373.4| Homo sapiens polycomb group ring finger 5 (PCGF5  
y member 5) (MPP5), transcript variant 1, mRNA; gi|375065851|ref|NM\_001256550.1| Homo sapiens  
nt 3, non-coding RNA; gi|375065856|ref|NM\_001256552.1| Homo sapiens nei endonuclease VIII-like 1

A;  
;  
LOC1S2), transcript variant 1, mRNA; gi|375151558|ref|NR\_046296.2| Homo sapiens biogenesis of lysc  
nt 2, mRNA; gi|375151547|ref|NM\_004944.3| Homo sapiens deoxyribonuclease I-like 3 (DNASE1L3), tr

nscrip  
t variant 1, mRNA; gi|375151567|ref|NM\_001256566.1| Homo sapiens coagulation factor II (thru  
B4), transcript variant 2, mRNA; gi|194018437|ref|NM\_000750.3| Homo sapiens cholinergic receptor,  
2) (PPFIBP2), transcript variant 3, mRNA; gi|375151572|ref|NM\_001256568.1| Homo sapiens PTPRF i  
l), transcript variant 1, mRNA; gi|375268720|ref|NR\_046317.1| Homo sapiens cholinergic receptor, nic

on-coding RNA;  
8|ref|NM\_194356.2| Homo sapiens syntaxin 2 (STX2), transcript variant 2, mRNA;  
(DSCR9), non-coding RNA;  
38813), mRNA;  
transcript variant 1, mRNA; gi|375268723|ref|NM\_001256575.1| Homo sapiens ectodermal-neural co  
pt variant 1, mRNA; gi|375163497|ref|NR\_046321.1| Homo sapiens glutathione peroxidase 2 (gastroin

iant 1, mRNA; gi|375268686|ref|NM\_016815.3| Homo sapiens glycophorin C (Gerbich blood group) (G'  
;

variant 1, mRNA; gi|375268697|ref|NM\_138924.2| Homo sapiens guanidinoacetate N-methyltransferase 1A; gi|375268699|ref|NM\_007283.6| Homo sapiens monoglyceride lipase (MGLL), transcript variant 1,

, transcript variant 1, non-coding RNA; gi|375268764|ref|NR\_046326.1| Homo sapiens KDM5B antisense  
transcript variant 3, mRNA; gi|375298668|ref|NM\_001007176.4| Homo sapiens chromosome 8 open reading  
frame, non-coding RNA; gi|375298675|ref|NM\_001256599.1| Homo sapiens tripartite motif containing 46 (TOM46),  
transcript variant 2, mRNA; gi|375298690|ref|NM\_001256605.1| Homo sapiens chromosome 1 open reading  
frame 1 (HTR3E), transcript variant 5, mRNA; gi|375298709|ref|NM\_198314.2| Homo sapiens 5-hydroxytryptophan

inscript variant 3, mRNA; gi|375298726|ref|NM\_001256619.1| Homo sapiens chromosome 10 open re

the adaptor 1 (NYAP1), mRNA;

nsript variant 2, mRNA; gi|37537709|ref|NM\_018357.2| Homo sapiens La ribonucleoprotein domain f  
riant 2, mRNA; gi|37537714|ref|NM\_001969.3| Homo sapiens eukaryotic translation initiation factor 5

transcript variant 1, mRNA; gi|375378297|ref|NM\_004581.4| Homo sapiens Rab geranylgeranyltransferase 1, mRNA; gi|375478214|ref|NM\_006430.3| Homo sapiens chaperonin containing TCP1, mRNA;

2AP1), transcript variant 3, non-coding RNA; gi|375493486|ref|NM\_001040875.2| Homo sapiens gangli  
mRNA; gi|375493510|ref|NM\_001256677.1| Homo sapiens stomatin (EPB72)-like 1 (STOML1), transcr  
75493514|ref|NM\_014672.3| Homo sapiens KIAA0391 (KIAA0391), transcript variant 1, mRNA; gi|3754  
(2A1P), mRNA;

script variant 3, mRNA; gi|375493543|ref|NM\_001256692.1| Homo sapiens maternal embryonic leucir  
inscript variant 3, mRNA; gi|375493556|ref|NM\_001256700.1| Homo sapiens chromosome 9 open rea  
on-coding RNA; gi|375493563|ref|NM\_006537.3| Homo sapiens ubiquitin specific peptidase 3 (USP3),  
R1), transcript variant 1, mRNA; gi|375493571|ref|NM\_001256704.1| Homo sapiens gamma-aminobut  
e (FAM90A7P), non-coding RNA;

ranscript variant 8, mRNA; gi|375493576|ref|NM\_001256706.1| Homo sapiens anaphase promoting cc  
ript variant 1, mRNA; gi|375493599|ref|NM\_001256716.1| Homo sapiens dynein, axonemal, assembly

phosphate kinase) (NME7), transcript variant 2, mRNA; gi|37574616|ref|NM\_013330.3| Homo sapiens nucleoside diphosphate kinase 2 (NUDT12), mRNA;  
gi|37574617|ref|NM\_018437.3| Homo sapiens hemogen (HEMGN), transcript variant 1, mRNA;

transcript variant 4, mRNA; gi|37577131|ref|NM\_194458.1| Homo sapiens ubiquitin-conjugating enzyme E2, J2 (UB

transcript variant 1, mRNA; gi|37577147|ref|NM\_184231.1| Homo sapiens NCK interacting protein with SH3 domain  
mitochondrial protein, transcript variant 2, mRNA; gi|37577165|ref|NM\_006859.2| Homo sapiens lipoic acid synthase  
2, mRNA; gi|37577171|ref|NM\_194431.1| Homo sapiens ribonuclease, RNase A family, 4 (RNASE4), transcript  
variant 1A; gi|37588851|ref|NM\_003381.2| Homo sapiens vasoactive intestinal peptide (VIP), transcript variant 1  
, transcript variant 1, mRNA; gi|37588870|ref|NM\_024539.3| Homo sapiens ring finger protein 128, E3 ubiquitin

transcript variant 5, mRNA; gi|37594452|ref|NM\_198044.1| Homo sapiens zinc finger, DHHC-type containing 16  
proteins (NUDT5), mRNA;

gene encoding mitochondrial protein, mRNA;

1A;

A;  
1), mRNA;

37622344|ref|NM\_003422.2| Homo sapiens myeloid zinc finger 1 (MZF1), transcript variant 1, mRNA;  
NM\_198058.1| Homo sapiens zinc finger protein 266 (ZNF266), mRNA;

phosphate kinase) (NME5), mRNA;

RNA;

6 (PLEKHA6), mRNA;  
transcript 3, mRNA; gi|376319198|ref|NM\_001256725.1| Homo sapiens ubiquitin specific peptidase 39 (USP3)  
g 1 (PPWD1), transcript variant 1, mRNA; gi|376319211|ref|NR\_046349.1| Homo sapiens peptidylprolyl  
isomerase (FAM90A10P), non-coding RNA;  
transcript variant 3, mRNA; gi|376319231|ref|NM\_001256735.1| Homo sapiens single-stranded DNA binding  
protein 1-like 1 (GDAP1L1), transcript variant 1, mRNA; gi|376319238|ref|NM\_001256738.1| Homo sapiens ga

transcript variant 4, non-coding RNA; gi|376319246|ref|NM\_001256741.1| Homo sapiens CCR4-NOT translocase (FAM90A2P), non-coding RNA;  
mRNA; gi|58761529|ref|NM\_001011663.1| Homo sapiens polycomb group ring finger 6 (PCGF6), transcript variant 1, non-coding RNA; gi|37655170|ref|NM\_003445.2| Homo sapiens zinc finger protein 155 (ZNF155), transcript variant 1, mRNA;



17L1P), mRNA;  
 ;  
 ant 3, non-coding RNA; gi|379056367|ref|NR\_046413.1| Homo sapiens polymerase (DNA-directed), de  
 2, mRNA; gi|379056368|ref|NM\_001256875.1| Homo sapiens cell division cycle associated 8 (CDCA8), i  
 cript variant 3, mRNA; gi|379056372|ref|NM\_153186.4| Homo sapiens KN motif and ankyrin repeat do  
 (LOC649352), non-coding RNA;  
  
 ipt variant 2, mRNA; gi|379139237|ref|NM\_001083314.2| Homo sapiens charged multivesicular body  
 ref|NM\_198901.1| Homo sapiens sorcin (SRI), transcript variant 2, mRNA; gi|379642558|ref|NM\_0031  
 IA;  
 l, mRNA;  
 ogene (OR4F13P), non-coding RNA;  
 it variant 2, mRNA; gi|379317165|ref|NM\_001287.5| Homo sapiens chloride channel, voltage-sensitive  
  
 it variant 1, mRNA; gi|379317176|ref|NM\_001256910.1| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box he  
 ranscript variant 3, mRNA; gi|379643055|ref|NM\_001256889.1| Homo sapiens family with sequence s  
 antisense RNA;  
 3, mRNA; gi|188497707|ref|NM\_001127383.1| Homo sapiens cytochrome b reductase 1 (CYBRD1), tr  
 11A), transcript variant 1, mRNA; gi|379642617|ref|NM\_207387.3| Homo sapiens family with sequence  
 it variant 3, mRNA; gi|379642989|ref|NM\_001171087.2| Homo sapiens chloride channel, voltage-sensi  
  
 it variant 2, mRNA; gi|153252025|ref|NM\_001830.3| Homo sapiens chloride channel, voltage-sensitive  
 cript variant 5, mRNA; gi|379643022|ref|NR\_046424.1| Homo sapiens chromosome 1 open reading fra  
 riant 3, mRNA; gi|379643031|ref|NM\_144778.3| Homo sapiens muscleblind-like splicing regulator 2 (M  
 88520), mRNA;  
 ant 2, non-coding RNA; gi|379643061|ref|NR\_046422.1| Homo sapiens idnK, gluconokinase homolog (  
 riant 3, non-coding RNA; gi|379698824|ref|NM\_001286.3| Homo sapiens chloride channel, voltage-sen  
 (LNx1), transcript variant 1, mRNA; gi|187607070|ref|NM\_032622.2| Homo sapiens ligand of numb-pr  
 riant 7, mRNA; gi|379698840|ref|NM\_024661.4| Homo sapiens coiled-coil domain containing 51 (CCI  
 ipt variant 3, non-coding RNA; gi|380034209|ref|NM\_001252500.2| Homo sapiens chromosome 12 op  
 5025|ref|NM\_001257096.1| Homo sapiens paired box 1 (PAX1), transcript variant 2, mRNA;  
 ng RNA;  
  
 elegans) (SMG6), transcript variant 5, non-coding RNA; gi|378744170|ref|NM\_001256828.1| Homo sa  
 ense RNA;  
 VA;  
  
 ref|NM\_004099.4| Homo sapiens stomatin (STOM), transcript variant 1, mRNA;  
  
 ipt variant 1, mRNA; gi|351542241|ref|NM\_001247997.1| Homo sapiens CAP-GLY domain containing li  
  
 erevisiae) (POP5), transcript variant 3, mRNA; gi|38016924|ref|NM\_015918.3| Homo sapiens processir  
 (PRKAB1), mRNA;  
  
 \;

nt 2, mRNA; gi|38016933|ref|NM\_003733.2| Homo sapiens 2'-5'-oligoadenylate synthetase-like (OASL)  
iant 1, mRNA; gi|285002263|ref|NM\_001171993.1| Homo sapiens 4-hydroxyphenylpyruvate dioxygen;

DEAF1), mRNA;

variant 1, mRNA; gi|380254449|ref|NM\_001165945.2| Homo sapiens chloride channel, voltage-sensit  
transcript variant beta, mRNA; gi|380254456|ref|NM\_001257118.1| Homo sapiens caspase 1, apoptosis  
(SERPINB9), mRNA;

VDM2), mRNA;

ion-coding RNA;

revisiae) (COX14), nuclear gene encoding mitochondrial protein, transcript variant 3, mRNA; gi|3802544  
1), transcript variant 1, mRNA; gi|38026933|ref|NM\_198236.1| Homo sapiens Rho guanine nucleotide  
rabidopsis) (COPS5), mRNA;

rabidopsis) (COPS6), mRNA;

RNA; gi|380418322|ref|NM\_002309.4| Homo sapiens leukemia inhibitory factor (LIF), transcript variant  
nt 3, mRNA; gi|380420336|ref|NM\_031483.5| Homo sapiens itchy E3 ubiquitin protein ligase (ITCH), tr  
rotein ligase (HUWE1), mRNA;

variant 4, non-coding RNA; gi|380420346|ref|NR\_046441.1| Homo sapiens MAFF interacting protein (p  
e 5 (HERC5), mRNA;

e 2 (HERC2), mRNA;

DEL1), transcript variant 2, mRNA; gi|380422391|ref|NM\_001025579.2| Homo sapiens nudE nuclear di  
ling RNA; gi|380422402|ref|NR\_046447.1| Homo sapiens CLR pseudogene (LOC374443), transcript var  
t variant 3, mRNA; gi|380422413|ref|NM\_001114123.2| Homo sapiens ELK1, member of ETS oncogen

nt a, mRNA; gi|38045885|ref|NM\_052900.2| Homo sapiens CUB and Sushi multiple domains 3 (CSMD3  
1), transcript variant 1, mRNA; gi|38045911|ref|NM\_000269.2| Homo sapiens non-metastatic cells 1, p  
A), mRNA;

nt variant 1, mRNA; gi|38045943|ref|NM\_198195.1| Homo sapiens ubiquitin-like modifier activating en

i|96303825|ref|NM\_001029976.2| Homo sapiens zinc finger protein 16 (ZNF16), transcript variant 2, n

i-coding RNA;

), transcript variant 5, mRNA; gi|380503831|ref|NM\_001014449.2| Homo sapiens DEAD (Asp-Glu-Ala-A

80503842|ref|NM\_001105206.2| Homo sapiens laminin, alpha 4 (LAMA4), transcript variant 1, mRNA;

;

er 2 (SLC20A2), transcript variant 1, mRNA; gi|380503860|ref|NM\_006749.4| Homo sapiens solute carrier  
nRNA; gi|380692311|ref|NM\_001257195.1| Homo sapiens kelch-like 3 (Drosophila) (KLHL3), transcript  
4, mRNA; gi|380692320|ref|NM\_001257159.1| Homo sapiens centrosomal protein 41kDa (CEP41), tra  
it variant 1, mRNA; gi|380692327|ref|NM\_001257189.1| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box he  
t 5, non-coding RNA; gi|380503878|ref|NR\_046174.2| Homo sapiens uncharacterized LOC284260 (LOC  
STE24), mRNA;  
it variant 2, mRNA; gi|380692333|ref|NM\_001257190.1| Homo sapiens POM121 transmembrane nucle  
62|ref|NM\_001257197.1| Homo sapiens cullin 3 (CUL3), transcript variant 2, mRNA; gi|380714661|ref|  
transcript variant 1, mRNA; gi|380714667|ref|NM\_001257199.1| Homo sapiens glycerol-3-phosphate de  
PP3), transcript variant 2, non-coding RNA; gi|336595080|ref|NR\_038939.1| Homo sapiens mitochondri  
non-coding RNA;  
t 2, mRNA; gi|380748944|ref|NM\_001257208.1| Homo sapiens fibroblast growth factor 1 (acidic) (FGF:  
NA;  
(gene/pseudogene) (SEC22B), mRNA;  
  
mRNA; gi|380862359|ref|NM\_001002009.2| Homo sapiens 5'-nucleotidase, cytosolic III (NT5C3), tran  
, transcript variant 2, non-coding RNA; gi|380861664|ref|NM\_015566.2| Homo sapiens family with seq  
nRNA; gi|224451127|ref|NM\_001142800.1| Homo sapiens eyes shut homolog (Drosophila) (EYS), trans  
ript variant 1, mRNA; gi|270288803|ref|NM\_001168410.1| Homo sapiens regulating synaptic membra  
ntiporter 1), member 1 (SLC9A1), transcript variant 1, mRNA; gi|381214344|ref|NR\_046474.1| Homo sa  
ntiporter 3), member 3 regulator 1 (SLC9A3R1), mRNA;  
transcript variant 5, non-coding RNA; gi|381214352|ref|NM\_001257282.1| Homo sapiens DIS3 mitotic  
ntiporter 7), member 7 (SLC9A7), transcript variant 2, mRNA; gi|381342464|ref|NM\_001257291.1| Hor  
nt 3, non-coding RNA; gi|381342472|ref|NM\_017946.3| Homo sapiens FK506 binding protein 14, 22 kD  
nRNA; gi|381342480|ref|NR\_046480.1| Homo sapiens rogdi homolog (Drosophila) (ROGDI), transcript  
coding) (KCNQ1OT1), non-coding RNA;  
6AMT1), transcript variant 3, non-coding RNA; gi|381388747|ref|NM\_013240.4| Homo sapiens N-6 ad  
TAMP), transcript variant 1, mRNA; gi|381388757|ref|NM\_001257317.1| Homo sapiens dendrocyte ex  
member 1 (Fe65) (APBB1), transcript variant 7, mRNA; gi|381388762|ref|NM\_001257319.1| Homo sap  
'OLR3E), mRNA;  
'2), transcript variant 2, mRNA; gi|48255930|ref|NM\_001001520.1| Homo sapiens hepatoma-derived g  
transcript variant 2, mRNA; gi|38146115|ref|NM\_006589.2| Homo sapiens family with sequence simil  
(PB), transcript variant 2, mRNA; gi|38150006|ref|NM\_198216.1| Homo sapiens small nuclear ribonucleo  
JA; gi|76056881|ref|NM\_001033677.1| Homo sapiens calcium binding protein 1 (CABP1), transcript va



201611|ref|NM\_198204.1| Homo sapiens MAX-like protein X (MLX), transcript variant 2, mRNA; gi|38201658|ref|NM\_198267.1| Homo sapiens inhibitor of growth family, member 3 (ING3), transcript variant 1, mRNA; gi|38201658|ref|NM\_198267.1| Homo sapiens inhibitor of growth family, member 3 (ING3), transcript variant 4, mRNA; gi|38201662|ref|NM\_198217.1| Homo sapiens inhibitor of growth family, member 1 (ING1), transcript variant 1, mRNA; gi|38201678|ref|NM\_012444.2| Homo sapiens SPO11 (SPO11), transcript variant 2, mRNA; gi|38201678|ref|NM\_012444.2| Homo sapiens SPO11 (SPO11), transcript variant 2, mRNA;

(Hu antigen R) (ELAVL1), mRNA;

3 (avian) (SRC), transcript variant 1, mRNA; gi|38202216|ref|NM\_198291.1| Homo sapiens v-src sarcoma (v-src) (SRC), transcript variant 1, mRNA; gi|38202216|ref|NM\_198291.1| Homo sapiens v-src sarcoma (v-src) (SRC), transcript variant 1, mRNA;

TIFA), mRNA;

ript variant 3, mRNA; gi|188497663|ref|NM\_003880.3| Homo sapiens WNT1 inducible signaling pathway protein 1 (WNT1-IP1), transcript variant 3, mRNA; gi|188497663|ref|NM\_003880.3| Homo sapiens WNT1 inducible signaling pathway protein 1 (WNT1-IP1), transcript variant 3, mRNA;

, mRNA; gi|88900490|ref|NM\_198335.2| Homo sapiens glucosidase, alpha; neutral AB (GANAB), transcript variant 2, antisense RNA; gi|382543410|ref|NR\_047511.1| Homo sapiens antisense of IGF2R RNA (IGF2R-AS1), transcript variant 1, cardiac muscle (ATP5A1), transcript variant 4, mRNA; gi|382546006|ref|NM\_001254341.1| Homo sapiens antisense of IGF2R RNA (IGF2R-AS1), transcript variant 1, cardiac muscle (ATP5A1), transcript variant 4, mRNA; gi|382546006|ref|NM\_001254341.1| Homo sapiens antisense of IGF2R RNA (IGF2R-AS1), transcript variant 1, cardiac muscle (ATP5A1), transcript variant 4, mRNA;

porter) (SLC16A2), mRNA;

ion-coding RNA;

; gi|383087754|ref|NM\_001728.3| Homo sapiens basigin (Ok blood group) (BSG), transcript variant 1, transcript variant 2, mRNA; gi|383209651|ref|NM\_174920.3| Homo sapiens sterile alpha motif domain containing protein 1 (SAMD1), transcript variant 1, mRNA; gi|383209651|ref|NM\_174920.3| Homo sapiens sterile alpha motif domain containing protein 1 (SAMD1), transcript variant 1, mRNA;

ript variant 1, mRNA; gi|383209656|ref|NM\_139156.3| Homo sapiens adenosine monophosphate deaminase 1 (AMPD1), transcript variant 1, mRNA; gi|383209656|ref|NM\_139156.3| Homo sapiens adenosine monophosphate deaminase 1 (AMPD1), transcript variant 1, mRNA;

ript variant 13, non-coding RNA; gi|381140023|ref|NR\_046464.1| Homo sapiens maternally expressed gene 1 (MEG1), transcript variant 13, non-coding RNA; gi|381140023|ref|NR\_046464.1| Homo sapiens maternally expressed gene 1 (MEG1), transcript variant 13, non-coding RNA;

2, mRNA; gi|253970494|ref|NM\_000755.3| Homo sapiens carnitine O-acetyltransferase (CRAT), nuclear channel 3 (HCN3), mRNA; gi|253970494|ref|NM\_000755.3| Homo sapiens carnitine O-acetyltransferase (CRAT), nuclear channel 3 (HCN3), mRNA;

ranscript variant 2, mRNA; gi|38327546|ref|NM\_014499.2| Homo sapiens purinergic receptor P2Y, G-protein coupled 1 (P2RY1), transcript variant 2, mRNA; gi|38327550|ref|NM\_005754.2| Homo sapiens GTPase activating protein 1 (GAP1), transcript variant 2, mRNA; gi|38327550|ref|NM\_005754.2| Homo sapiens GTPase activating protein 1 (GAP1), transcript variant 2, mRNA;

gi|327561|ref|NM\_003600.2| Homo sapiens aurora kinase A (AURKA), transcript variant 2, mRNA; gi|38328327614|ref|NM\_198398.1| Homo sapiens ERGIC and golgi 3 (ERGIC3), transcript variant 1, mRNA; hila) (TLE4), mRNA; protein, mRNA;

;  
, mRNA;  
;

t 9, non-coding RNA; gi|383276545|ref|NR\_047524.1| Homo sapiens uncharacterized LOC643837 (LOC ng RNA;  
variant 1, non-coding RNA; gi|383276551|ref|NR\_003674.2| Homo sapiens fibroblast growth factor 7 p idogene (CYP4Z2P), non-coding RNA;  
idogene (TCAM1P), non-coding RNA;  
), transcript variant 3, non-coding RNA; gi|383286743|ref|NR\_003716.3| Homo sapiens HOX transcript activator inhibitor type 1), member 1 (SERPINE1), transcript variant 2, mRNA; gi|383286745|ref|NM\_0 transcript variant 1, non-coding RNA; gi|383387808|ref|NR\_047530.1| Homo sapiens sialic acid binding :)) (EME2), mRNA;  
;

RNA;  
A;  
  
mRNA;

gi|352962148|ref|NM\_001251825.1| Homo sapiens Sp1 transcription factor (SP1), transcript variant 3, r mRNA;

|ref|NM\_021948.4| Homo sapiens brevican (BCAN), transcript variant 1, mRNA;  
t variant 2, mRNA; gi|38372936|ref|NM\_014453.2| Homo sapiens charged multivesicular body protein

transcript variant 1, mRNA; gi|38373676|ref|NM\_198679.1| Homo sapiens Rap guanine nucleotide exi rabidopsis) (COPS4), transcript variant 1, mRNA;

NA; gi|345842523|ref|NM\_001244008.1| Homo sapiens kinesin family member 1A (KIF1A), transcript v

47|ref|NM\_170707.3| Homo sapiens lamin A/C (LMNA), transcript variant 1, mRNA; gi|153281091|ref  
t 2, mRNA; gi|383465578|ref|NM\_016106.3| Homo sapiens sec1 family domain containing 1 (SCFD1), t  
nber 12 (SLC25A12), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;  
.63|ref|NM\_005619.4| Homo sapiens reticulon 2 (RTN2), transcript variant 1, mRNA; gi|383792170|ref  
'92188|ref|NM\_017492.3| Homo sapiens ataxin 2-like (ATXN2L), transcript variant F, mRNA; gi|383792  
cript variant 1, mRNA; gi|383872476|ref|NM\_199144.2| Homo sapiens ubiquitin-conjugating enzyme E

int 1, mRNA; gi|383872623|ref|NM\_183230.2| Homo sapiens IKAROS family zinc finger 3 (Aiolos) (IKZF:  
IA; gi|384081570|ref|NM\_001114107.4| Homo sapiens PDZ and LIM domain 3 (PDLIM3), transcript var

VA; gi|384229047|ref|NM\_001113756.2| Homo sapiens thymidine phosphorylase (TYMP), transcript va  
(TRMT2A), transcript variant 2, mRNA; gi|384229061|ref|NM\_022727.5| Homo sapiens TRM2 tRNA m  
t 1, non-coding RNA;

transcript variant f, mRNA; gi|38348361|ref|NM\_198533.1| Homo sapiens hydroxysteroid (11-beta) d  
367978|ref|NM\_021797.3| Homo sapiens chitinase, acidic (CHIA), transcript variant 2, mRNA;  
ranscript variant 1, mRNA;  
rRNA;

ative) (ENPP5), mRNA;

, mRNA;

297747285|ref|NM\_001185181.1| Homo sapiens prefoldin subunit 6 (PFDN6), transcript variant 1, mRl

IA;  
oxy-terminal domain, 4 (CITED4), mRNA;  
s;

variant 1, mRNA; gi|38505155|ref|NM\_198723.1| Homo sapiens transcription elongation factor A (SII),  
RNA;

pt variant 8, mRNA; gi|255652948|ref|NR\_028292.1| Homo sapiens prostaglandin E receptor 3 (subtyp

mRNA;

nRNA;  
I5), mRNA;  
A;  
, mRNA;  
(DNTTIP1), mRNA;

SLC27A1), mRNA;  
phosphate kinase (NME6), mRNA;

59422|ref|NM\_198830.1| Homo sapiens ATP citrate lyase (ACLY), transcript variant 2, mRNA;  
NA; gi|38569425|ref|NM\_022096.4| Homo sapiens ankyrin repeat domain 5 (ANKRD5), transcript variant  
transporter 2), member 2 (SLC9A2), mRNA;  
ANKRD5), mRNA;

porters), member 2 (SLC12A2), transcript variant 1, mRNA; gi|374253824|ref|NR\_046207.1| Homo sapiens  
kDa (NDUFB1), nuclear gene encoding mitochondrial protein, mRNA;

, member 3 (KCNH3), mRNA;  
mRNA;

ly;  
IZ) domain containing protein 2 (RCBTB2), mRNA;

3570098|ref|NM\_198880.1| Homo sapiens glutamine-rich 1 (QRICH1), transcript variant 2, mRNA;  
1D8B), transcript variant 2, mRNA; gi|38570100|ref|NM\_017752.2| Homo sapiens TBC1 domain family

(SPSB3), mRNA;  
L (SLCO4C1), mRNA;  
mRNA;

mRNA; gi|38679959|ref|NM\_198834.1| Homo sapiens acetyl-CoA carboxylase alpha (ACACA), transcript

mRNA; gi|38683806|ref|NM\_032217.3| Homo sapiens ankyrin repeat domain 17 (ANKRD17), transcript  
ly;  
pt variant 1, mRNA; gi|40354200|ref|NM\_199184.1| Homo sapiens chromosome 6 open reading frame

1 (FIBP), transcript variant 1, mRNA; gi|38683847|ref|NM\_004214.4| Homo sapiens fibroblast growth factor

l GTP binding protein Rac3) (RAC3), mRNA;  
: 3, mRNA; gi|38683862|ref|NM\_006910.4| Homo sapiens retinoblastoma binding protein 6 (RBBP6), tr

2 (SLC29A2), mRNA;  
mRNA;

;  
; gi|38787934|ref|NM\_198892.1| Homo sapiens BMP2 inducible kinase (BMP2K), transcript variant 1, r  
NC1), transcript variant 2, mRNA; gi|38787969|ref|NM\_198316.1| Homo sapiens tensin like C1 domain  
ing, alpha (SGTA), mRNA;

RNA;

mRNA;  
-ITM4P), non-coding RNA;

ntaining 3 (LRCH3), mRNA;

mRNA;  
2), nuclear gene encoding mitochondrial protein, mRNA;

ex, 1, 8kDa (NDUFAB1), nuclear gene encoding mitochondrial protein, mRNA;

;

RNA;  
pt variant alpha, mRNA; gi|39777589|ref|NM\_139235.3| Homo sapiens nucleolar protein family 6 (RN/iber 10 (SLC2A10), mRNA;

L (SLCO4A1), mRNA;  
na-glutamyltransferase) (TGM2), transcript variant 1, mRNA; gi|39777598|ref|NM\_198951.1| Homo sa  
, transcript variant 3, mRNA; gi|39777602|ref|NM\_004706.3| Homo sapiens Rho guanine nucleotide ex  
e 1 (SS18L1), mRNA;

l), mRNA;  
mRNA; gi|39811997|ref|NM\_001130.5| Homo sapiens amino-terminal enhancer of split (AES), transcr

545138|ref|NM\_001257329.1| Homo sapiens arrestin, beta 2 (ARRB2), transcript variant 4, mRNA; gi|39812105|ref|NM\_198941.1| Homo sapiens serine incorporator 3 (SERINC3), transcript variant 2, mRNA; gi|39812180|ref|NM\_144677.2|

), mRNA;

g protein 2 gamma) (TFAP2C), mRNA;

D), mRNA;

nRNA;  
, mRNA;

A;

;  
DKN2D), transcript variant 2, mRNA; gi|39995074|ref|NM\_001800.3| Homo sapiens cyclin-dependent I

, member 6 (SLC24A6), mRNA;  
ant 3, mRNA; gi|39995092|ref|NM\_198966.1| Homo sapiens parathyroid hormone-like hormone (PTHl

riant 4, mRNA; gi|39995105|ref|NM\_006712.3| Homo sapiens Fas-activated serine/threonine kinase (F

cript variant 1, mRNA; gi|40018643|ref|NM\_017972.2| Homo sapiens chromosome 14 open reading fr  
T1), mRNA;

F2), mRNA;  
siae) (MRM1), nuclear gene encoding mitochondrial protein, mRNA;  
A; gi|40068480|ref|NM\_032233.2| Homo sapiens SET domain containing 3 (SETD3), transcript variant 1  
IAP1), transcript variant 1, mRNA; gi|40068499|ref|NM\_199003.1| Homo sapiens THAP domain contain

NA; gi|40217797|ref|NM\_152655.2| Homo sapiens zinc finger protein 585A (ZNF585A), transcript variant 1A;

pt variant 1, mRNA; gi|40217800|ref|NM\_199124.1| Homo sapiens chromosome 11 open reading frame 1, mRNA;

ript variant 2, mRNA; gi|40217811|ref|NM\_004749.2| Homo sapiens transforming growth factor beta 1, transcript variant 2, mRNA; gi|40217826|ref|NM\_004032.2| Homo sapiens D-aspartate oxidase (DDO), transcript variant 2, mRNA;

PRC5C), transcript variant 2, mRNA; gi|40217830|ref|NM\_022036.2| Homo sapiens G protein-coupled receptor 1, transcript variant 2, mRNA; gi|40217837|ref|NM\_033661.3| Homo sapiens WD repeat domain 4 (WDR4), transcript variant 2, mRNA;

variant 2, mRNA; gi|221139808|ref|NM\_001031705.2| Homo sapiens chromosome X open reading frame 1, mRNA;

A;

mRNA;

, mRNA;

1A;

ILG3), transcript variant 2, mRNA; gi|209862902|ref|NM\_001136051.1| Homo sapiens leucine-rich repeat domain 20 (CTD20), mRNA;

(LYSMD4), mRNA;

variant 1, mRNA; gi|40288198|ref|NM\_199138.1| Homo sapiens family with sequence similarity 123A member 1 (NUDT1), transcript variant 4A, mRNA; gi|40288279|ref|NM\_198950.1| Homo sapiens nudix (nucleoside diphosphate-linked moiety X) motif 1, mRNA;

1), mRNA;

;

gi|40316929|ref|NM\_014410.4| Homo sapiens clusterin-like 1 (retinal) (CLUL1), transcript variant 1, n

mRNA; gi|40316948|ref|NM\_138430.3| Homo sapiens ADP-ribosylhydrolase like 1 (ADPRHL1), transcr  
t 2, mRNA; gi|40316943|ref|NM\_199165.1| Homo sapiens adenylosuccinate synthase like 1 (ADSSL1),

tor) (BRE), transcript variant 1, mRNA; gi|40353756|ref|NM\_199194.1| Homo sapiens brain and reproc

3|ref|NM\_000224.2| Homo sapiens keratin 18 (KRT18), transcript variant 1, mRNA;

2X2), mRNA;

1D), nuclear gene encoding mitochondrial protein, mRNA;

1, mRNA; gi|24307922|ref|NM\_006916.1| Homo sapiens ribulose-5-phosphate-3-epimerase (RPE), tra  
ene 1 (TPTEP1), non-coding RNA;

mRNA;

4;

gi|40548381|ref|NM\_199249.1| Homo sapiens chromosome 19 open reading frame 48 (C19orf48), mF

4BOAT2), mRNA;

RGEF), mRNA;

mRNA;

(NDUFA12), nuclear gene encoding mitochondrial protein, mRNA;

A; gi|40549399|ref|NM\_001894.4| Homo sapiens casein kinase 1, epsilon (CSNK1E), transcript variant :  
'AMP1), transcript variant 3, mRNA; gi|40549444|ref|NM\_014231.3| Homo sapiens vesicle-associated

omalies) (NHS), transcript variant 1, mRNA; gi|210033008|ref|NM\_001136024.2| Homo sapiens Nance



02B), mRNA;

(SPRY1), transcript variant 2, mRNA; gi|40538725|ref|NM\_005841.1| Homo sapiens sprouty homolog

0), mRNA;

ot variant 3, mRNA; gi|40805824|ref|NM\_199442.1| Homo sapiens coatamer protein complex, subunit  
rabidopsis) (COPS8), transcript variant 2, mRNA; gi|40805828|ref|NM\_006710.4| Homo sapiens COP9  
|ref|NM\_004060.3| Homo sapiens cyclin G1 (CCNG1), transcript variant 1, mRNA;

362249|ref|NM\_001177597.1| Homo sapiens thrombopoietin (THPO), transcript variant 2, mRNA; gi|2  
ef|NM\_014946.3| Homo sapiens spastin (SPAST), transcript variant 1, mRNA;  
sive) (SPG7), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|40806172|ref

RNA; gi|40806195|ref|NM\_199415.1| Homo sapiens U-box domain containing 5 (UBOX5), transcript va  
;  
!), transcript variant 2, mRNA; gi|40806206|ref|NM\_007014.3| Homo sapiens WW domain containing  
er 1 (SLC32A1), mRNA;  
nRNA; gi|83267858|ref|NM\_001037304.1| Homo sapiens thymocyte nuclear protein 1 (THYN1), transc  
variant 2, mRNA; gi|40806222|ref|NM\_018197.2| Homo sapiens zinc finger protein 64 homolog (mouse  
mber 4 (SLC36A4), mRNA;

5 (SDR16C5), mRNA;

A;

3, mRNA; gi|40807441|ref|NM\_003981.2| Homo sapiens protein regulator of cytokinesis 1 (PRC1), trar  
CC), mRNA;  
ator-related 1 (PPRC1), mRNA;

; gi|40807456|ref|NM\_018102.3| Homo sapiens zinc finger protein 334 (ZNF334), transcript variant 1,

l), nuclear gene encoding mitochondrial protein, mRNA;

mRNA;

t 1, mRNA; gi|40807478|ref|NM\_080867.2| Homo sapiens suppressor of cytokine signaling 4 (SOCS4),

iRNA;

like (LOC391767), mRNA; gi|169167762|ref|XM\_001715028.1| PREDICTED: Homo sapiens putative TAI  
pt variant 2, mRNA; gi|296179375|ref|NM\_001184742.1| Homo sapiens zinc finger and BTB domain co

it 2, mRNA; gi|41152073|ref|NM\_199511.1| Homo sapiens coiled-coil domain containing 80 (CCDC80),

1), mRNA;

transcript variant 2, mRNA; gi|41152105|ref|NM\_032907.3| Homo sapiens ubiquitin-like 7 (bone marr  
le reductase) (AKR7A3), mRNA;

NA;

omain containing 2 (MICAL2), mRNA;

;

RNA;

3-cells inhibitor, delta (NFKBID), mRNA;

transcript variant 2, mRNA; gi|24432010|ref|NM\_024897.2| Homo sapiens progesterin and adipoQ recep  
1A7), mRNA;

1A3), mRNA;

:f|NM\_201378.2| Homo sapiens plectin (PLEC), transcript variant 2, mRNA; gi|41322922|ref|NM\_2013

, mRNA;

mRNA;

2A2), mRNA;

|68215643|ref|NM\_138940.2| Homo sapiens CD200 receptor 1 (CD200R1), transcript variant 3, mRNA,  
RNA;

|ref|NM\_201277.1| Homo sapiens calponin 2 (CNN2), transcript variant 2, mRNA;

1, mRNA; gi|41327733|ref|NM\_201283.1| Homo sapiens epidermal growth factor receptor (EGFR), tra  
ding mitochondrial protein, mRNA;

IA;

subunit (ATP5O), nuclear gene encoding mitochondrial protein, mRNA;

8), mRNA;

;

;

ript variant 1, mRNA; gi|41327775|ref|NM\_201224.1| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box poly

;

sembly factor 3 (NDUFAF3), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi

RNA;

t 2, mRNA; gi|41349444|ref|NM\_014011.4| Homo sapiens suppressor of cytokine signaling 5 (SOCS5),

), transcript variant 2, mRNA; gi|41349452|ref|NM\_002725.3| Homo sapiens proline/arginine-rich end

RNA; gi|41349459|ref|NM\_199437.1| Homo sapiens PR domain containing 10 (PRDM10), transcript var

41349500|ref|NM\_199478.1| Homo sapiens proteolipid protein 1 (PLP1), transcript variant 2, mRNA; g

TPS1), mRNA;

ne encoding mitochondrial protein, mRNA;

mber 1 (SLC36A1), mRNA;

; gi|41393553|ref|NM\_201412.1| Homo sapiens LUC7-like (*S. cerevisiae*) (LUC7L), transcript variant 2,

NA;

NA;

t 3, mRNA; gi|41872493|ref|NM\_201445.1| Homo sapiens diacylglycerol kinase, alpha 80kDa (DGKA), t

cript variant 1, mRNA; gi|42490759|ref|NM\_201567.1| Homo sapiens cell division cycle 25 homolog A

mRNA; gi|42516560|ref|NM\_201626.1| Homo sapiens ubiquitin specific peptidase 33 (USP33), transcri

al protein, mRNA;

, mRNA;

iC), transcript variant 2, mRNA; gi|24430185|ref|NM\_153747.1| Homo sapiens phosphatidylinositol gly  
orter), member 1 (SLC28A1), transcript variant 2, mRNA; gi|42542380|ref|NM\_004213.3| Homo sapien:  
r 9 (SLC22A9), mRNA;

NA;

iscript variant 4, mRNA; gi|42544139|ref|NM\_202470.1| Homo sapiens GIPC PDZ domain containing fa

iscript variant 2, mRNA; gi|42544171|ref|NM\_201999.1| Homo sapiens E74-like factor 2 (ets domain  
4197|ref|NM\_147203.2| Homo sapiens fibrinogen-like 1 (FGL1), transcript variant 2, mRNA; gi|425441  
3), mRNA;

A; gi|42544217|ref|NM\_201538.1| Homo sapiens NDRG family member 2 (NDRG2), transcript variant 5  
mRNA;

ecoy with truncated death domain (TNFRSF10D), mRNA;

mRNA; gi|42544232|ref|NM\_201630.1| Homo sapiens leucine rich repeat neuronal 2 (LRRN2), transcri  
ase 4 (B3GNT4), mRNA;

i (PVRL1), transcript variant 3, mRNA; gi|42560230|ref|NM\_203285.1| Homo sapiens poliovirus recept

ript variant 1, mRNA; gi|46275836|ref|NM\_206999.1| Homo sapiens CCR4-NOT transcription complex,

INA;

;

: 3, mRNA; gi|42718012|ref|NM\_002894.2| Homo sapiens retinoblastoma binding protein 8 (RBBP8), ti

; gi|344179115|ref|NM\_001243740.1| Homo sapiens zinc finger protein 124 (ZNF124), transcript varia

gi|42741647|ref|NM\_004261.3| Homo sapiens 15 kDa selenoprotein (SEP15), transcript variant 1, mRNA;

gi|188595715|ref|NM\_001127500.1| Homo sapiens met proto-oncogene (MET), transcript variant 2, mRNA;

gi|188595715|ref|NM\_001127500.1| Homo sapiens met proto-oncogene (TNP2), mRNA;

gi|188595715|ref|NM\_001127500.1| Homo sapiens met proto-oncogene (R2), mRNA;

gi|188595715|ref|NM\_001127500.1| Homo sapiens met proto-oncogene (I), mRNA;

gi|47157327|ref|NM\_213636.1| Homo sapiens PDZ and LIM domain 7 (enigma) (PDLIM7), transcript variant 1, mRNA;

gi|42764686|ref|NM\_022652.2| Homo sapiens dual specificity phosphatase 6 (DUSP6), transcript variant 1, mRNA;

gi|42764686|ref|NM\_022652.2| Homo sapiens dual specificity phosphatase 6 (DUSP6), transcript variant 2, mRNA;

gi|42764686|ref|NM\_022652.2| Homo sapiens dual specificity phosphatase 6 (DUSP6), transcript variant 3, nuclear gene encoding mitochondrial protein, mRNA;

gi|42764686|ref|NM\_022652.2| Homo sapiens dual specificity phosphatase 6 (DUSP6), transcript variant 4, multiple myelomas (MYEOV), mRNA;

gi|374858044|ref|NM\_001256538.1| Homo sapiens chromosome 20 open reading frame 1, transcript variant 1, mRNA;

gi|42794751|ref|NM\_004457.3| Homo sapiens acyl-CoA synthetase long-chain family class 1, transcript variant 2, mRNA;

gi|42794755|ref|NM\_016234.3| Homo sapiens acyl-CoA synthetase long-chain family class 1, transcript variant 2, mRNA;

gi|42794766|ref|NM\_203351.1| Homo sapiens mitogen-activated protein kinase 1, transcript variant 1, mRNA;

gi|42794766|ref|NM\_203351.1| Homo sapiens mitogen-activated protein kinase 1, transcript variant 2, mRNA;

gi|42794766|ref|NM\_203351.1| Homo sapiens mitogen-activated protein kinase 1, transcript variant 3, myosin XVIII A (B3GNT8), mRNA;

gi|42794609|ref|NM\_002939.3| Homo sapiens ribonuclease/angiogenin inhibitor 1 (RNH1), transcript variant 2, mRNA;

NA;

gi|44662825|ref|NM\_203414.1| Homo sapiens chromosome 17 open reading frame 1, transcript variant 4, mRNA;

gi|44680109|ref|NM\_203418.1| Homo sapiens regulator of calcineurin 1 (RCAN1), transcript variant 1, mRNA;

gi|44680113|ref|NM\_203433.1| Homo sapiens proteasome (prosome) (PSMG1), transcript variant 1, mRNA;

gi|44680121|ref|NM\_203293.1| Homo sapiens tripartite motif containing 7 (TRIM7), transcript variant 1, mRNA;

gi|44680147|ref|NM\_203327.1| Homo sapiens solute carrier family 2 (SLC23A2), transcript variant 1, mRNA;

NA;

;

RNA;

141|ref|NM\_001145454.1| Homo sapiens stathmin 1 (STMN1), transcript variant 4, mRNA; gi|4488996

;

ref|NM\_203377.1| Homo sapiens myoglobin (MB), transcript variant 2, mRNA; gi|44955876|ref|NM\_001005062.1| Homo sapiens myoglobin (MB), transcript variant 2, mRNA; gi|44955904|ref|NM\_033228.2| Homo sapiens tripartite motif containing 23 (TRIM23), transcript variant 1, mRNA;

member 2 (CAMSAP2), mRNA;

factor 2) (DR1), mRNA;

encoding mitochondrial protein, mRNA;

2C19), mRNA;

gene encoding mitochondrial protein, mRNA;

ytic subunit (DPM1), mRNA;

nt 1, mRNA; gi|30581151|ref|NM\_178332.1| Homo sapiens gonadotropin-releasing hormone 2 (GNRH:

nt 1, mRNA; gi|218563729|ref|NM\_001142797.1| Homo sapiens chemokine (C-X-C motif) receptor 3 (C  
(HRK), mRNA;  
oled (HTR1B), mRNA;  
ed (HTR6), mRNA;

BR), mRNA;

ing factor) (MIF), mRNA;

OLR2B), mRNA;

;

t 2, mRNA; gi|34452687|ref|NM\_183337.1| Homo sapiens regulator of G-protein signaling 11 (RGS11),



IA;

ncoding mitochondrial protein, mRNA;  
, mRNA;

2B11), mRNA;

2), mRNA;

), mRNA;

mRNA;  
urotoxin) (RNASE2), mRNA;  
encoding mitochondrial protein, mRNA;

nscrip variant 2, mRNA; gi|45243543|ref|NM\_001107.3| Homo sapiens acylphosphatase 1, erythrocyt  
IER2), mRNA;  
rotein, mRNA;

nt 2, mRNA; gi|45269144|ref|NM\_203500.1| Homo sapiens kelch-like ECH-associated protein 1 (KEAP:

RNA;

, mRNA;

CTD18), mRNA;

RNA;

yeast) (TIMM23), nuclear gene encoding mitochondrial protein, mRNA;  
ily S, member 2 (KCNS2), mRNA;

tochondrial protein, mRNA;

variant 2, mRNA; gi|45439323|ref|NM\_020129.2| Homo sapiens lectin, galactoside-binding, soluble, 1  
: C, mRNA; gi|45439334|ref|NM\_203475.1| Homo sapiens porcupine homolog (Drosophila) (PORCN), t  
NA; gi|322302056|ref|NR\_037793.1| Homo sapiens leucine rich repeat protein 1 (LRR1), transcript var  
348|ref|NM\_203472.1| Homo sapiens selenoprotein S (SELS), transcript variant 1, mRNA;

variant 2, mRNA; gi|45439353|ref|NM\_006756.2| Homo sapiens transcription elongation factor A (SII),  
!) (TCEB3B), mRNA;

ript variant 2, mRNA; gi|45446742|ref|NM\_007372.2| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box poly

), mRNA;

), mRNA;

NA;

transcript variant 2, mRNA; gi|45545404|ref|NM\_205860.1| Homo sapiens nuclear receptor subfamily  
144|ref|NM\_205858.1| Homo sapiens neuromedin B (NMB), transcript variant 2, mRNA;

NA; gi|45545410|ref|NM\_205842.1| Homo sapiens NCK-associated protein 1 (NCKAP1), transcript vari  
RNA; gi|45593131|ref|NM\_205846.1| Homo sapiens PRELI domain containing 2 (PRELID2), transcript v  
mRNA;

RNA; gi|308818199|ref|NM\_001197294.1| Homo sapiens dihydropyrimidinase-like 3 (DPYSL3), transcri

5505154|ref|NM\_030793.3| Homo sapiens F-box protein 38 (FBXO38), transcript variant 1, mRNA;  
P7), mRNA;

, complementation group 3 (ERCC3), mRNA;

h;

al protein, mRNA;

MSH2), mRNA;

onse (MYOC), mRNA;

er 2 (SLC2A2), mRNA;

pt variant 1, mRNA; gi|45580691|ref|NM\_203503.1| Homo sapiens C-type lectin domain family 4, mem  
2, mRNA; gi|45580697|ref|NM\_001401.3| Homo sapiens lysophosphatidic acid receptor 1 (LPAR1), tra

3), transcript variant 1, mRNA; gi|150417963|ref|NM\_130771.3| Homo sapiens osteoclast associated, i

peptide (GNAZ), mRNA;

A;  
TMIGD1), mRNA;

mRNA;

2, mRNA; gi|45545430|ref|NM\_023932.2| Homo sapiens delta-like 2 homolog (Drosophila) (DLK2), tra  
; (TRAF7), mRNA;  
, mRNA;

1D9B), transcript variant 1, mRNA; gi|45597176|ref|NM\_015043.3| Homo sapiens TBC1 domain family  
, transcript variant 3, mRNA; gi|45593129|ref|NM\_014366.4| Homo sapiens guanine nucleotide bindin  
NA; gi|45643136|ref|NM\_006791.2| Homo sapiens mortality factor 4 like 1 (MORF4L1), transcript vari

factor 1 (BACH1), transcript variant 2, mRNA; gi|45827689|ref|NM\_206866.1| Homo sapiens BTB and  
, mRNA;

pt variant 2, mRNA; gi|45827702|ref|NM\_178817.3| Homo sapiens melanocortin 2 receptor accessory  
, mRNA; gi|45827720|ref|NM\_015433.2| Homo sapiens methyltransferase like 21B (METTL21B), transc  
t variant 1, mRNA;

tor of chromatin, subfamily e, member 1 (SMARCE1), mRNA;  
transcript variant 1, mRNA; gi|45827738|ref|NM\_206824.1| Homo sapiens vitamin K epoxide reductase  
T1A10), mRNA;

1A1), mRNA;

1A4), mRNA;

1A8), mRNA;

1A9), mRNA;

'2|ref|NM\_206852.2| Homo sapiens reticulon 1 (RTN1), transcript variant 3, mRNA;

NA;

RNA;

P1CA), transcript variant 1, mRNA; gi|45827797|ref|NM\_206873.1| Homo sapiens protein phosphatase

, mRNA;  
|ref|NR\_036430.1| Homo sapiens serglycin (SRGN), transcript variant 2, non-coding RNA;  
gi|45935381|ref|NM\_001218.3| Homo sapiens carbonic anhydrase XII (CA12), transcript variant 1, mRNA  
transcript variant 2, mRNA; gi|45935387|ref|NM\_001056.3| Homo sapiens sulfotransferase family, cyt

), mRNA;

l), mRNA;

: 1, mRNA; gi|46049104|ref|NM\_198060.2| Homo sapiens nebulin-related anchoring protein (NRAP), tr

(RRS1), mRNA;

l), mRNA;

1 (NGFRAP1), transcript variant 2, mRNA; gi|7657043|ref|NM\_014380.1| Homo sapiens nerve growth  
RNA;

au variant (CSTF2T), mRNA;

pt variant 1, mRNA; gi|46094085|ref|NM\_022758.4| Homo sapiens chromosome 6 open reading frame

ID8), mRNA;

S4A7), transcript variant 1, mRNA; gi|46249356|ref|NM\_206939.1| Homo sapiens membrane-spanning

nsript variant 1, mRNA; gi|46249372|ref|NM\_206956.1| Homo sapiens preferentially expressed antigen  
1CB), transcript variant 3, mRNA; gi|46249374|ref|NM\_002709.2| Homo sapiens protein phosphatase

1A5), mRNA;

anscript variant 2, mRNA; gi|46255015|ref|NM\_032899.4| Homo sapiens family with sequence similar

.TD3), mRNA;

cript variant 2, mRNA; gi|46255029|ref|NM\_058186.3| Homo sapiens family with sequence similarity :  
riant A, mRNA; gi|46255033|ref|NM\_006657.2| Homo sapiens formiminotransferase cyclodeaminase (RRES1), transcript variant 2, mRNA; gi|46255042|ref|NM\_206963.1| Homo sapiens retinoic acid recept  
ber 3 (APBA3), mRNA;

RNA;

172), mRNA;

| O-acyltransferase) (LRAT), mRNA;

; gi|46361969|ref|NM\_207115.1| Homo sapiens zinc finger protein 580 (ZNF580), transcript variant 2, member 3 (SLC37A3), transcript variant 2, mRNA; gi|46361975|ref|NM\_207113.1| Homo sapiens solut

), transcript variant 2, mRNA; gi|239735491|ref|NM\_001161658.1| Homo sapiens v-myb myeloblastos ariant 2, mRNA;

RNA;

59|ref|NM\_207032.1| Homo sapiens endothelin 3 (EDN3), transcript variant 2, mRNA; gi|46370061|re

'4|ref|NM\_001178083.1| Homo sapiens exostosin 2 (EXT2), transcript variant 3, mRNA; gi|296010872|

gi|46370083|ref|NM\_207038.1| Homo sapiens transcription factor 12 (TCF12), transcript variant 4, mR

evisiae) (SSU72), mRNA;

encoding mitochondrial protein, mRNA;

389561|ref|NM\_207168.1| Homo sapiens endosulfine alpha (ENSA), transcript variant 8, mRNA; gi|463 'BP2), mRNA;

NA; gi|46395495|ref|NM\_207172.1| Homo sapiens neuropeptide S receptor 1 (NPSR1), transcript vari: gene (OR6W1P), non-coding RNA;

gene (OR2M1P), non-coding RNA;

it 5, mRNA; gi|46397307|ref|NM\_207127.1| Homo sapiens polyamine oxidase (exo-N4-amino) (PAOX),

it 3, mRNA; gi|46397372|ref|NM\_018239.2| Homo sapiens leucine rich repeat containing 20 (LRRC20),

ne encoding mitochondrial protein, mRNA;

056258|ref|NM\_199329.1| Homo sapiens solute carrier family 43, member 3 (SLC43A3), mRNA; gi|407

mitochondrial protein, mRNA;

variant 3, mRNA; gi|46411163|ref|NM\_207292.1| Homo sapiens muscleblind-like splicing regulator 1 (MBNL1), mRNA;

independent 2 interacting protein (NFATC2IP), mRNA;

920|ref|NM\_207108.1| Homo sapiens astrotactin 1 (ASTN1), transcript variant 2, mRNA;

mRNA;

transcript variant 3, mRNA; gi|46488936|ref|NM\_207585.1| Homo sapiens interferon (alpha, beta and gamma) receptor 1 (IFNAR1), transcript variant 2, mRNA; gi|46488942|ref|NM\_001079.3| Homo sapiens zeta-chain (TCR) associated protein 1 (ZAP70), mRNA;

GRIP1), transcript variant 3, mRNA; gi|46592970|ref|NM\_207628.1| Homo sapiens ATP-binding cassette, subfamily A, member 1 (ABCA1), mRNA; gi|46592990|ref|NM\_020137.3| Homo sapiens GRIP1 associated protein 1 (GRIPAP1), transcript variant 2, mRNA;

gene encoding mitochondrial protein, mRNA;

A;

;

, transcript variant 1, mRNA; gi|46877063|ref|NM\_017753.2| Homo sapiens lipid phosphate phosphatase 2 (PRKAB2), mRNA;

mRNA; gi|46877101|ref|NM\_207005.1| Homo sapiens upstream transcription factor 1 (USF1), transcript variant 1, mRNA; gi|46877104|ref|NM\_207291.1| Homo sapiens upstream transcription factor 1 (USF1), transcript variant 2, mRNA; gi|46909581|ref|NM\_002730.3| Homo sapiens protein kinase, cAMP-dependent, type II, mRNA; gi|46909597|ref|NM\_207196.1| Homo sapiens ADAM metalloproteinase domain 15 (ADAMTS-1), mRNA;

IGF6), mRNA;

gi|47157323|ref|NM\_006254.3| Homo sapiens protein kinase C, delta (PRKCD), transcript variant 1, mRNA; PRKAR2A), mRNA;

407835), non-coding RNA;

PRIP), mRNA;

variant 2, mRNA; gi|47419898|ref|NM\_002780.3| Homo sapiens pregnancy specific beta-1-glycoprotein  
variant 1, mRNA; gi|47419902|ref|NM\_001895.3| Homo sapiens casein kinase 2, alpha 1 polypeptide (C  
f|NM\_016569.3| Homo sapiens T-box 3 (TBX3), transcript variant 2, mRNA;  
mRNA; gi|47419908|ref|NM\_003852.3| Homo sapiens tripartite motif containing 24 (TRIM24), transcri

mRNA; gi|47419915|ref|NM\_173701.1| Homo sapiens tryptophanyl-tRNA synthetase (WARS), transcri  
f|NM\_133503.2| Homo sapiens decorin (DCN), transcript variant A2, mRNA; gi|47419924|ref|NM\_133  
mRNA; gi|47458042|ref|NM\_213654.1| Homo sapiens armadillo repeat containing 8 (ARMC8), transcri

13), transcript variant 2, mRNA; gi|47458816|ref|NM\_005622.3| Homo sapiens acyl-CoA synthetase me  
lase, and dihydroorotase (CAD), mRNA;  
HD10), mRNA;

1|ref|NM\_207520.1| Homo sapiens reticulon 4 (RTN4), transcript variant 4, mRNA; gi|47519458|ref|NM  
|47519592|ref|NM\_003289.3| Homo sapiens tropomyosin 2 (beta) (TPM2), transcript variant 1, mRNA

TR3C), mRNA;

TR3D), transcript variant 2, mRNA; gi|254692967|ref|NM\_001163646.1| Homo sapiens 5-hydroxytrypt  
TM domain), member 4 (LILRA4), mRNA;

nt 3, mRNA; gi|47524172|ref|NM\_002011.3| Homo sapiens fibroblast growth factor receptor 4 (FGFR4

47578098|ref|NM\_020451.2| Homo sapiens selenoprotein N, 1 (SEPN1), transcript variant 1, mRNA;  
cript variant 3, mRNA; gi|47578110|ref|NM\_213631.1| Homo sapiens chromosome 20 open reading fr  
change factor 2 (PREX2), transcript variant 1, mRNA; gi|47578116|ref|NM\_025170.4| Homo sapiens ph  
t variant 2, mRNA; gi|47578121|ref|NM\_177948.2| Homo sapiens armadillo repeat containing, X-linker

peptide (FCER1G), mRNA;

mRNA;

IA; gi|222418662|ref|NR\_026717.1| Homo sapiens serine/threonine kinase 19 (STK19), transcript varia

IK14), mRNA;

; gi|47716684|ref|NM\_025169.1| Homo sapiens zinc finger protein 167 (ZNF167), transcript variant 2,  
, mRNA;



(ATP6V1H), transcript variant 2, mRNA; gi|47717101|ref|NM\_213620.1| Homo sapiens ATPase, H<sup>+</sup> transporter variant 3, mRNA; gi|47717111|ref|NM\_007324.2| Homo sapiens zinc finger, FYVE domain containing 9 (ZNF9), mRNA;

31), transcript variant alpha, mRNA; gi|47717113|ref|NM\_153497.2| Homo sapiens TGF-beta activated kinase 1, mRNA; gi|47717124|ref|NM\_001001132.1| Homo sapiens intersectin 1 (SH3 domain protein) (ITSN1), mRNA;

variant 3, mRNA; gi|47777760|ref|NM\_205834.2| Homo sapiens lipolysis stimulated lipoprotein receptor variant 3, mRNA; gi|47778930|ref|NM\_001001420.1| Homo sapiens SMAD family member 5 (SMAD5), transcript variant 3, mRNA;

zebrafish) (NCCRP1), mRNA;

mRNA; gi|346716351|ref|NM\_001244262.1| Homo sapiens HMG-box transcription factor 1 (HBP1), transcript variant 1, mRNA;

4A; gi|47933340|ref|NM\_001001484.1| Homo sapiens phosphotriesterase related (PTER), transcript variant 1, mRNA; gi|145301542|ref|NM\_018299.3| Homo sapiens ubiquitin-conjugating enzyme 9 (SLC2A9), transcript variant 2, mRNA; gi|47933386|ref|NM\_020041.2| Homo sapiens solute carrier family 22 member 9 (SLC22A9), mRNA;

5A; gi|48255882|ref|NM\_001001432.1| Homo sapiens troponin T type 2 (cardiac) (TNNT2), transcript variant 1, mRNA;

variant 2, mRNA; gi|48255888|ref|NM\_002743.2| Homo sapiens protein kinase C substrate 80K-H (PRKC8), transcript variant 1, mRNA; gi|48255899|ref|NM\_001001502.1| Homo sapiens synuclein, beta (SNCB), transcript variant 1, mRNA; gi|48255904|ref|NM\_003186.3| Homo sapiens transgelin (TAGLN), transcript variant 2, mRNA;

A;

t 2, mRNA; gi|48255916|ref|NM\_005060.3| Homo sapiens RAR-related orphan receptor C (RORC), transcript variant 2, mRNA;

6A (NDUFV3), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|48255923|ref|NM\_001001502.1| Homo sapiens NDUFV3, nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA;

nt 1, mRNA; gi|321400137|ref|NM\_001202555.1| Homo sapiens CD44 molecule (Indian blood group) (CD44), transcript variant 2, mRNA; gi|48255946|ref|NM\_001001323.1| Homo sapiens ATPase, Ca<sup>++</sup> transporter 1, mRNA;

variant 2, mRNA; gi|48255965|ref|NM\_006759.3| Homo sapiens UDP-glucose pyrophosphorylase 2 (UGP2), mRNA;

SERPINB10), mRNA;

porter), member 6 (SLC1A6), mRNA;

2, mRNA; gi|48375172|ref|NM\_033063.1| Homo sapiens microtubule-associated protein 6 (MAP6), transcript variant 2, mRNA;

mRNA;

carrier), member 23 (SLC25A23), nuclear gene encoding mitochondrial protein, mRNA;

og (*S. cerevisiae*) (TIMM50), nuclear gene encoding mitochondrial protein, mRNA;

27956|ref|NM\_001001556.1| Homo sapiens galactokinase 2 (GALK2), transcript variant 2, mRNA;

ene (OR2L1P), non-coding RNA;

RNA;

9A4), mRNA;

9A2), mRNA;

R2A14), mRNA;

6V1), mRNA;

5A), mRNA;

VA;

), transcript variant 2, mRNA; gi|48762710|ref|NM\_007341.2| Homo sapiens SH3 domain binding gluta

RNA; gi|48762727|ref|NM\_001001572.1| Homo sapiens phosphodiesterase 9A (PDE9A), transcript vari

, mRNA;

; GTP binding protein) (RALB), mRNA;

A;

nRNA;

DS), mRNA;

RQCD1), mRNA;

ter cells 2 (XRCC2), mRNA;

28040|ref|NM\_033406.2| Homo sapiens F-box protein 3 (FBXO3), transcript variant 2, mRNA;  
script variant 3, mRNA; gi|48928047|ref|NM\_033645.2| Homo sapiens F-box and WD repeat domain c

NA;  
MO3), mRNA;

script variant 1, mRNA; gi|195963432|ref|NM\_001130925.1| Homo sapiens endogenous retrovirus group  
R2), mRNA;  
east) (TOMM7), nuclear gene encoding mitochondrial protein, mRNA;

RNA; gi|49087137|ref|NM\_053275.3| Homo sapiens ribosomal protein, large, P0 (RPLP0), transcript va  
;

R2T35), mRNA;  
gene (OR2A9P), non-coding RNA;  
R2T34), mRNA;  
gene (OR2A20P), non-coding RNA;  
R2T27), mRNA;

mRNA;

(Hu antigen C) (ELAVL3), transcript variant 2, mRNA; gi|49355760|ref|NM\_001420.3| Homo sapiens EL

RNA;

, mRNA;  
iRNA;

TY9B), non-coding RNA;  
mRNA;  
mRNA;

mRNA;

;  
gene encoding mitochondrial protein, mRNA;  
g (yeast) (UTP6), mRNA;

member 1 (SLC37A1), mRNA;  
RNA;

1, mRNA; gi|49640010|ref|NM\_001001894.1| Homo sapiens tetratricopeptide repeat domain 3 (TTC3  
) , mRNA;  
l), mRNA;  
! ), mRNA;

4E2), mRNA;  
2G3), mRNA;  
R52N1), mRNA;  
J14C36), mRNA;  
2G2), mRNA;  
R5A1), mRNA;  
R10G9), mRNA;  
5A2), mRNA;  
R13C9), mRNA;  
7G3), mRNA;  
R11L1), mRNA;  
) , mRNA;  
) , mRNA;

non-coding RNA;  
non-coding RNA;  
368711325|ref|NM\_001256114.1| Homo sapiens LIM homeobox 8 (LHX8), transcript variant 2, mRNA;

actor of hepatocyte nuclear factor 1 alpha (PCBD1), mRNA;

R13C3), mRNA;

4D5), mRNA;

6S1), mRNA;

OR14A16), mRNA;

R5W2), mRNA;

R2T11), mRNA;

R5D13), mRNA;

2L8), mRNA;

gi|50263049|ref|NM\_001001996.1| Homo sapiens glycoprotein M6B (GPM6B), transcript variant 2, m

B), mRNA;

, mRNA; gi|50363239|ref|NM\_002685.2| Homo sapiens exosome component 10 (EXOSC10), transcript

it 2, mRNA; gi|75992940|ref|NM\_001032410.1| Homo sapiens ubiquitin specific peptidase 16 (USP16),

e) (COX17), nuclear gene encoding mitochondrial protein, mRNA;

psilon subunit pseudogene 2 (ATP5EP2), non-coding RNA;

script variant 2, mRNA; gi|50345274|ref|NM\_016185.2| Homo sapiens hematological and neurological

0345876|ref|NM\_001001976.1| Homo sapiens arginyltransferase 1 (ATE1), transcript variant 1, mRNA,

eta polypeptide (ATP5B), nuclear gene encoding mitochondrial protein, mRNA;

gamma polypeptide 1 (ATP5C1), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA;

delta subunit (ATP5D), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|5034

iated, 170kDa (Mot1 homolog, S. cerevisiae) (BTAF1), mRNA;

sociated factor, 100kDa (TAF5), mRNA;

Y), mRNA;

(SUMO4), mRNA;

), transcript variant 1, mRNA; gi|50409737|ref|NM\_001002251.1| Homo sapiens ADP-ribosylation-like

cript variant 2, mRNA; gi|50409803|ref|NM\_001002246.1| Homo sapiens anaphase promoting comple

ipt variant 1, mRNA; gi|50428918|ref|NM\_033255.2| Homo sapiens epithelial stromal interaction 1 (br

ase (RFWD2), transcript variant 1, mRNA; gi|50428921|ref|NM\_001001740.2| Homo sapiens ring finger

l) (ASNA1), mRNA;  
A;  
RNA; gi|50511942|ref|NM\_016042.2| Homo sapiens exosome component 3 (EXOSC3), transcript varia

RNA;  
otein ligase (MARCH8), transcript variant 8, mRNA; gi|50539411|ref|NM\_001002265.1| Homo sapiens

15|ref|NM\_001002296.1| Homo sapiens golgin A7 (GOLGA7), transcript variant 2, mRNA; gi|291621675  
cript variant 2, mRNA; gi|50541947|ref|NM\_001002002.1| Homo sapiens guanosine monophosphate r  
RNA; gi|50541957|ref|NM\_002051.2| Homo sapiens GATA binding protein 3 (GATA3), transcript varian  
iant 3, mRNA; gi|231569975|ref|NM\_207662.3| Homo sapiens zinc finger CCCH-type containing 14 (ZC  
6, mRNA; gi|50557655|ref|NM\_173193.2| Homo sapiens Kv channel interacting protein 2 (KCNIP2), tr

, nuclear gene encoding mitochondrial protein, mRNA;

nRNA;  
iRNA;

, mRNA;

.ANCL2), mRNA;

IA;  
L3 (NUDT13), mRNA;  
pt variant 1, mRNA; gi|50593523|ref|NM\_145247.4| Homo sapiens SWI5-dependent recombination re

|NM\_003373.3| Homo sapiens vinculin (VCL), transcript variant 2, mRNA;  
P6V0E1), mRNA;  
script variant 2, mRNA; gi|50658064|ref|NM\_005496.3| Homo sapiens structural maintenance of chror

1, mRNA; gi|50659058|ref|NM\_001002257.1| Homo sapiens lysocardiolipin acyltransferase 1 (LCLAT1  
51|ref|NM\_001650.4| Homo sapiens aquaporin 4 (AQP4), transcript variant a, mRNA;  
ubunit C1 (subunit 9) (ATP5G1), nuclear gene encoding mitochondrial protein, transcript variant 1, mRN

'420H1), transcript variant 2, mRNA; gi|50659081|ref|NM\_017635.3| Homo sapiens suppressor of vari  
, mRNA;

eration 1 (PAMR1), transcript variant 1, mRNA; gi|50659099|ref|NM\_001001991.1| Homo sapiens pept

;

W1), mRNA;

EIF4E2), mRNA;

RNA;

mRNA;

mRNA; gi|50811872|ref|NM\_001002843.1| Homo sapiens zinc finger protein 280D (ZNF280D), transci

0), mRNA;

, mRNA; gi|58532586|ref|NM\_001002860.2| Homo sapiens BTB (POZ) domain containing 7 (BTBD7), ti

, 1 (ADAMTS1), mRNA;

RNA; gi|50845412|ref|NM\_024053.3| Homo sapiens centromere protein M (CENPM), transcript variant

anscript variant 1, mRNA; gi|17921996|ref|NM\_002476.2| Homo sapiens myosin, light chain 4, alkali; a

.), mRNA;

8K1), mRNA;

8D1), mRNA;

41), mRNA;

8D2), mRNA;

8G1), mRNA; gi|365733601|ref|NR\_045681.1| Homo sapiens olfactory receptor, family 8, subfamily G,

nscript variant 1, mRNA; gi|50897838|ref|NM\_032550.2| Homo sapiens actin filament associated prote

LR1), transcript variant 3, mRNA; gi|50952469|ref|NM\_017885.2| Homo sapiens host cell factor C1 reg

59114|ref|NM\_001002879.1| Homo sapiens THO complex 5 (THOC5), transcript variant 2, mRNA; gi|50

: 2, mRNA; gi|50959116|ref|NM\_015373.3| Homo sapiens chibby homolog 1 (Drosophila) (CBY1), trans

; mitochondrial protein, transcript variant 1, mRNA; gi|50959158|ref|NM\_013976.2| Homo sapiens glu

, mRNA;

, mRNA;

R5AP2), mRNA;  
erevisiae) (UTP15), mRNA;

ariant 2, mRNA; gi|51039801|ref|NM\_001714.2| Homo sapiens bicaudal D homolog 1 (Drosophila) (BIC  
iRNA;

iRNA;

ister cells 6 (XRCC6), mRNA;  
, transcript variant 2, mRNA; gi|51093854|ref|NM\_017829.5| Homo sapiens cat eye syndrome chromo  
2), mRNA;  
it (CACNA1I), transcript variant 1, mRNA; gi|51093858|ref|NM\_001003406.1| Homo sapiens calcium ch  
mRNA;  
transcript variant 1, mRNA; gi|79750823|ref|NM\_001035534.1| Homo sapiens family with sequence si  
431760|ref|NM\_033484.2| Homo sapiens F-box protein 4 (FBXO4), transcript variant 2, mRNA;

(XKRY2), mRNA;

riptide variant 1, mRNA; gi|51102294|ref|NM\_001003683.1| Homo sapiens phosphodiesterase 1A, calr  
iRNA; gi|51173710|ref|NM\_002313.5| Homo sapiens actin binding LIM protein 1 (ABLIM1), transcript v  
nsript variant 1, mRNA; gi|51173721|ref|NM\_004634.2| Homo sapiens bromodomain and PHD finger

iRNA; gi|51173725|ref|NM\_005900.2| Homo sapiens SMAD family member 1 (SMAD1), transcript vari  
, mRNA; gi|51173747|ref|NM\_001003397.1| Homo sapiens tumor protein D52-like 1 (TPD52L1), trans

mRNA; gi|51173753|ref|NM\_019103.2| Homo sapiens zinc finger, matrin-type 5 (ZMAT5), transcript va  
:(UQCR10), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|51173874|ref|  
\LGAPA1), transcript variant 2, mRNA; gi|51226123|ref|NM\_014990.1| Homo sapiens Ral GTPase activ  
3I2), mRNA;

p1), non-coding RNA;

VA;

ant 2, mRNA; gi|51243030|ref|NM\_020841.4| Homo sapiens oxysterol binding protein-like 8 (OSBPL8)

nRNA; gi|51243062|ref|NM\_001003690.1| Homo sapiens MAD2L1 binding protein (MAD2L1BP), trans  
NA;

: variant 1, mRNA; gi|51317346|ref|NM\_172230.2| Homo sapiens synovial apoptosis inhibitor 1, synovi  
;

14kDa (NDUFA6), nuclear gene encoding mitochondrial protein, mRNA;

visiae) (NHP2L1), transcript variant 2, mRNA; gi|51317374|ref|NM\_005008.2| Homo sapiens NHP2 nor

script variant 1, mRNA; gi|51317381|ref|NM\_001499.2| Homo sapiens GLE1 RNA export mediator hon  
;  
mRNA;



ipt variant 2, mRNA; gi|189083850|ref|NM\_001127605.1| Homo sapiens lipase A, lysosomal acid, cholester

mRNA; gi|169167242|ref|XM\_001717060.1| PREDICTED: Homo sapiens hypothetical protein LOC391772, like (LOC391766), mRNA; gi|169167764|ref|XM\_001715032.1| PREDICTED: Homo sapiens putative TAF11-like (LOC391766), mRNA; gi|310772236|ref|NM\_021616.5| Homo sapiens tripartite motif containing 34 (TRIM34), transcript variant 1, mRNA; gi|51477698|ref|NM\_015889.3| Homo sapiens mediator complex subunit 15 (MED15), transcriptional activator of chromatin, subfamily d, member 3 (SMARCD3), transcript variant 3, mRNA; gi|51477705|ref|NM\_002111.1| Homo sapiens heterogeneous nuclear ribonucleoprotein 1, 37kDa (HNRNPD), transcript variant 4, mRNA; gi|51477710|ref|NM\_002111.1|

51477720|ref|NM\_001003811.1| Homo sapiens testis expressed 11 (TEX11), transcript variant 1, mRNA; gi|51477720|ref|NM\_001003811.1|

ATP5J), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|51477720|ref|NM\_001003811.1|

ATP5H), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|51477720|ref|NM\_001003811.1|

containing 1 (DUPD1), mRNA; gi|51538580|ref|NM\_001003895.1| Homo sapiens chromodomain protein, Y-linked, 1 (ADAMTS12), mRNA; gi|51558692|ref|NM\_033503.3| Homo sapiens Bcl2 modifying factor (BMF), transcript variant 2, mRNA; gi|51558744|ref|NM\_001003676.1| Homo sapiens chromosome 11 open reading frame 1 (C11orf11), mRNA; gi|51558744|ref|NM\_001003676.1|

mRNA; gi|51599152|ref|NM\_001749.2| Homo sapiens calpain, small subunit 1 (CAPNS1), transcript variant 1, mRNA; gi|51599152|ref|NM\_001749.2|

SPTY2D1), mRNA; gi|51599152|ref|NM\_001749.2|

nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|51702235|ref|NM\_001003792.1| Homo sapiens dual-specificity phosphatase 3 (DYSK3), transcript variant 1, mRNA; gi|51702241|ref|NM\_001004023.1| Homo sapiens dual-specificity phosphatase 2, mRNA; gi|51702243|ref|NM\_022077.3| Homo sapiens mannosidase, beta A, lysosomal-like (B3GALT4), mRNA; gi|313747504|ref|NM\_001199505.1| Homo sapiens phosphatase and actin regulator 3 (PACT3), mRNA; gi|313747504|ref|NM\_001199505.1|

l), mRNA; gi|15451884|ref|NM\_033172.1| Homo sapiens UDP-Galactase 5 (B3GALT5), transcript variant 1, mRNA; gi|15451884|ref|NM\_033172.1|

2), mRNA; gi|15451884|ref|NM\_033172.1|

ST3A1), mRNA; gi|15451884|ref|NM\_033172.1|

ST3B1), mRNA; gi|15451884|ref|NM\_033172.1|

n receptor for egg jelly homolog, sea urchin) (PKDREJ), mRNA; gi|15451884|ref|NM\_033172.1|

nRNA; gi|15451884|ref|NM\_033172.1|

oxy-terminal domain, 2 (CITED2), transcript variant 1, mRNA; gi|270288753|ref|NM\_001168388.1| Homo sapiens CITED2, transcript variant 1, mRNA; gi|270288753|ref|NM\_001168388.1|

iber 8 (SLC2A8), mRNA;  
mRNA;  
e component, homolog (yeast) (RRP9), mRNA;  
4P4), mRNA;  
t 1, mRNA; gi|51873033|ref|NM\_001004055.1| Homo sapiens leucine rich repeat containing 29 (LRRC:

ariant 3, mRNA; gi|51873044|ref|NM\_001004056.1| Homo sapiens G protein-coupled receptor kinase  
transcript variant 1, mRNA; gi|375331930|ref|NR\_046335.1| Homo sapiens family with sequence simil

|ref|NM\_001165035.1| Homo sapiens fibulin 2 (FBLN2), transcript variant 3, mRNA; gi|51873052|ref|N  
omain containing 1 (WFIKK1), mRNA;

1895794|ref|NM\_004306.2| Homo sapiens annexin A13 (ANXA13), transcript variant 1, mRNA;

R2A12), mRNA;  
R52M1), mRNA;  
OR10AD1), mRNA;  
2T2), mRNA;

), mRNA;  
IA;  
gi|51944970|ref|NM\_001004060.1| Homo sapiens NODAL modulator 2 (NOMO2), transcript variant 1,  
e (CCDC144NL), mRNA;

;  
nain (CRADD), mRNA;  
2S1), mRNA;  
e-activated DNase) (DFFB), mRNA;

RNA;  
VA;  
ding RNA;  
LJ4), mRNA;  
1M1), mRNA;  
R10G7), mRNA;  
1L8), mRNA;

R10H4), mRNA;  
R10A6), mRNA;  
R10J5), mRNA;  
R10G8), mRNA;  
R10R2), mRNA;  
R10H5), mRNA;  
R10T2), mRNA;  
R11H4), mRNA;  
R10K1), mRNA;  
R13C5), mRNA;  
R10Z1), mRNA;  
R13F1), mRNA;  
R11H6), mRNA;  
R13J1), mRNA;  
R13C8), mRNA;  
R13H1), mRNA;  
1B1), mRNA;  
4N5), mRNA;  
4X1), mRNA;  
5A1), mRNA;  
4S1), mRNA;  
R5AR1), mRNA;  
4X2), mRNA;  
R5AN1), mRNA;  
5L1), mRNA;  
R5D14), mRNA;  
R5M1), mRNA;  
5K2), mRNA;  
R5M9), mRNA;  
5L2), mRNA;  
5T1), mRNA;  
5T3), mRNA;  
5R1), mRNA;  
R51A7), mRNA;  
5T2), mRNA;  
R51L1), mRNA;  
R51A2), mRNA;  
R51S1), mRNA;  
R52P1), non-coding RNA;  
R51I1), mRNA;  
R51J1), mRNA;  
R51N2), mRNA;  
R51S2), mRNA;  
R10G4), mRNA;  
R51S1), mRNA;  
R10K2), mRNA;  
R10A2), mRNA;

R13C2), mRNA;  
R10S1), mRNA;  
R10X1), mRNA;  
R13D1), mRNA;  
R2A25), mRNA;  
R2AK2), mRNA;  
R2B11), mRNA;  
2D3), mRNA;  
2F2), mRNA;  
2L3), mRNA;  
R2M3), mRNA;  
R2M2), mRNA;  
R2M5), mRNA;  
R2M7), mRNA;  
R2T12), mRNA;  
R2T10), mRNA;  
R2T33), mRNA;  
2T4), mRNA;  
2T5), mRNA;  
2Z1), mRNA;  
4C3), mRNA;  
4C6), mRNA;  
R4D10), mRNA;  
R4D11), mRNA;  
4D6), mRNA;  
4D9), mRNA;  
R4K14), mRNA;  
R4K17), mRNA;  
R4K13), mRNA;  
R5AU1), mRNA;  
4L1), mRNA;  
R5M10), mRNA;  
4N2), mRNA;  
R14I1), mRNA;  
R51F2), mRNA;  
R51T1), mRNA;  
IL), mRNA;  
mRNA;  
, mRNA; gi|13435144|ref|NM\_024793.1| Homo sapiens clusterin associated protein 1 (CLUAP1), transcript variant 1, mRNA; gi|380254461|ref|NR\_046437.1| Homo sapiens solute carrier family 30, member 10 (SLC30A1), mRNA;  
SLC30A2), transcript variant 2, mRNA; gi|52352804|ref|NM\_001004434.1| Homo sapiens solute carrier family

R52E4), mRNA;  
R52E6), mRNA;

R56B4), mRNA;  
R52N2), mRNA;  
R52W1), mRNA;  
6X1), mRNA;  
6N1), mRNA;  
6T1), mRNA;  
6Y1), mRNA;  
8B4), mRNA;  
8D4), mRNA;  
8H1), mRNA;  
8H2), mRNA;  
8H3), mRNA;  
8K3), mRNA;

8U1), mRNA;  
9G1), mRNA;

R52E8), mRNA;  
R52I1), mRNA;  
6K6), mRNA;  
R7A10), mRNA;  
7G2), mRNA;  
8A1), mRNA;  
R8B12), mRNA;  
8G5), mRNA;  
6C1), mRNA;  
R51B6), mRNA;  
R51F1), mRNA;  
R4C46), mRNA;  
R10J3), mRNA;  
R2AG2), mRNA;

), non-coding RNA;  
4F3), mRNA;  
R6C76), mRNA;  
, mRNA;  
ial protein, mRNA;  
ATPAF2), nuclear gene encoding mitochondrial protein, mRNA;  
3U), mRNA;

3E), mRNA;  
L), mRNA;

DQA1), mRNA;  
rRNA;  
T1), mRNA;

VA;  
mRNA;

RNA;

lent) (PLA2G6), transcript variant 2, mRNA; gi|52486193|ref|NM\_003560.2| Homo sapiens phospholip:

ke), member A3 (FAM19A3), transcript variant 1, mRNA; gi|52486733|ref|NM\_001004440.1| Homo sa

ant 2, mRNA; gi|52493187|ref|NM\_002826.4| Homo sapiens quiescin Q6 sulfhydryl oxidase 1 (QSOX1)

.C2), mRNA;

1L3), mRNA;

1L4), mRNA;

R51G2), mRNA;

R11H1), mRNA;

R51G1), mRNA;

9K2), mRNA;

R4F17), mRNA;

R5M11), mRNA;

R4A15), mRNA;

R2AE1), mRNA;

R4A16), mRNA;

6K2), mRNA;

6N2), mRNA;

R10A7), mRNA;

R5M8), mRNA;

6F1), mRNA;

R52H1), mRNA;

R4C15), mRNA;

R11), mRNA;

R4F16), mRNA;

9G4), mRNA;

2A1), mRNA;

6B1), mRNA;

R2AT4), mRNA;

RB4), mRNA;

IA3), mRNA;

IA4), mRNA;

I), mRNA;

member 2) (MPP2), mRNA;  
 iant 3, mRNA; gi|52632380|ref|NM\_001005333.1| Homo sapiens melanoma antigen family D, 1 (MAGE  
 ranscript variant 2, mRNA; gi|52632382|ref|NM\_001533.2| Homo sapiens heterogeneous nuclear ribonuc  
 lein 14), mRNA;  
 R6M1), mRNA;  
 R51A4), mRNA;  
 R10V1), mRNA;  
 4F6), mRNA;  
 R5AK2), mRNA;  
 2A7), mRNA;  
 riant 2, mRNA; gi|52694751|ref|NM\_001005340.1| Homo sapiens glycoprotein (transmembrane) nmb  
 riant 1, mRNA; gi|52694753|ref|NM\_002925.3| Homo sapiens regulator of G-protein signaling 10 (RG  
 ), mRNA;  
 e encoding mitochondrial protein, mRNA;  
 6), mRNA;  
 mRNA;  
  
 l), mRNA;  
 mRNA;  
 5H1), mRNA;  
  
 3692181|ref|NM\_015002.2| Homo sapiens F-box protein 21 (FBXO21), transcript variant 2, mRNA;  
  
 858674|ref|NM\_001005388.2| Homo sapiens neurofascin (NFASC), transcript variant 1, mRNA; gi|2378  
 |53729318|ref|NM\_007057.3| Homo sapiens ZW10 interactor (ZWINT), transcript variant 1, mRNA; gi|  
 transcript variant 2, mRNA; gi|53729324|ref|NM\_033334.2| Homo sapiens nuclear receptor subfamily  
 otein ligase (MARCH2), transcript variant 1, mRNA; gi|53729333|ref|NM\_001005416.1| Homo sapiens  
  
 uclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|53729336|ref|NM\_002453.  
  
 |53729350|ref|NM\_017491.3| Homo sapiens WD repeat domain 1 (WDR1), transcript variant 1, mRNA  
 IT6), mRNA;  
  
 nRNA;  
 ') (TAP1), mRNA;  
 2, mRNA; gi|53759118|ref|NM\_198310.2| Homo sapiens tetratricopeptide repeat domain 8 (TTC8), tr  
  
 unit homolog (E. coli) (CLPP), nuclear gene encoding mitochondrial protein, mRNA;  
 );  
 drial protein, mRNA;  
 i|53759140|ref|NM\_001005368.1| Homo sapiens zinc finger protein 32 (ZNF32), transcript variant 2, n

), mRNA;  
R10A3), mRNA;  
R10G2), mRNA;  
8B3), mRNA;  
R10G3), mRNA;  
5B3), mRNA;  
8B2), mRNA;  
4B1), mRNA;  
2T6), mRNA;  
, mRNA;  
P1), mRNA;  
2Y1), mRNA;  
R4F15), mRNA;  
R13C4), mRNA;  
5C1), mRNA;  
R5D18), mRNA;  
R52B2), mRNA;  
5H2), mRNA;  
4K5), mRNA;  
R5B17), mRNA;  
R13G1), mRNA;  
OR10AG1), mRNA;  
ript variant 2, mRNA; gi|50897293|ref|NM\_001002920.1| Homo sapiens POTE ankyrin domain family,  
iJ2), mRNA;  
6C4), mRNA;  
R5D16), mRNA;  
i4M1), mRNA;  
4K2), mRNA;  
5H6), mRNA;  
l, mRNA;  
R4K15), mRNA;  
4F5), mRNA;  
2T3), mRNA;  
R11G2), mRNA;  
3), mRNA;  
otein ligase (MARCH7), mRNA;  
.TD2), mRNA;  
;  
ant 1, mRNA; gi|53829367|ref|NM\_001005408.1| Homo sapiens neuralized homolog 4 (Drosophila) (N  
29373|ref|NM\_003628.3| Homo sapiens plakophilin 4 (PKP4), transcript variant 1, mRNA;

ant 1, mRNA; gi|53831994|ref|NM\_001005409.1| Homo sapiens splicing factor 3a, subunit 1, 120kDa (



it (CACNA1H), transcript variant 1, mRNA; gi|53832010|ref|NM\_001005407.1| Homo sapiens calcium

cript variant 1, mRNA; gi|53832015|ref|NM\_006344.2| Homo sapiens C-type lectin domain family 10, r  
rRNA; gi|342307091|ref|NM\_001111125.2| Homo sapiens IQ motif and Sec7 domain 2 (IQSEC2), trans

), mRNA;

1), mRNA;

), mRNA;

2T8), mRNA;

R6C74), mRNA;

6C6), mRNA;

R6C70), mRNA;

R4F21), mRNA;

R5H14), mRNA;

5K3), mRNA;

R4C45), mRNA;

R6C65), mRNA;

R5H15), mRNA;

5K4), mRNA;

, mRNA; gi|53988386|ref|NM\_052869.1| Homo sapiens tweety homolog 2 (Drosophila) (TTYH2), trans

R6C75), mRNA;

rNA;

ant 1, mRNA; gi|54112118|ref|NM\_001005526.1| Homo sapiens splicing factor 3b, subunit 1, 155kDa (  
rRNA; gi|54112122|ref|NM\_021908.2| Homo sapiens suppression of tumorigenicity 7 (ST7), transcript

rRNA; gi|54112386|ref|NM\_001462.3| Homo sapiens formyl peptide receptor 2 (FPR2), transcript varia  
1 (CACNA2D1), mRNA;

2 (CACNA2D2), transcript variant 2, mRNA; gi|54112391|ref|NM\_001005505.1| Homo sapiens calcium  
ref|NM\_016452.1| Homo sapiens calpain 9 (CAPN9), transcript variant 2, mRNA;

3 (CACNA2D3), mRNA;

54112406|ref|NM\_001005735.1| Homo sapiens checkpoint kinase 2 (CHEK2), transcript variant 3, mRI

rNA;

IA;

), mRNA;

4, mRNA; gi|54144626|ref|NM\_001005744.1| Homo sapiens numb homolog (Drosophila) (NUMB), trai

H4), mRNA;

t 1, mRNA; gi|54234013|ref|NM\_001005783.1| Homo sapiens hydroxyacid oxidase 2 (long chain) (HAC

mRNA;

54), transcript variant 2, mRNA; gi|54234033|ref|NM\_016516.2| Homo sapiens vacuolar protein sortin  
ase 6 (ST8SIA6), mRNA;

1), mRNA;

6B2), mRNA;

TTY3B), non-coding RNA;

TTY4C), non-coding RNA;

TTY4B), non-coding RNA;

TTY17C), non-coding RNA;

TTY17B), non-coding RNA;

pseudogene 1 (NACAP1), non-coding RNA;

nteracting protein) pseudogene 4 (ST13P4), non-coding RNA;

on-coding RNA;

mRNA;

RNA;

variant 1, mRNA; gi|209862846|ref|NM\_001136023.1| Homo sapiens nuclear factor (erythroid-derive

IA;

54607032|ref|NM\_001005731.1| Homo sapiens integrin, beta 4 (ITGB4), transcript variant 3, mRNA; gi|  
IA;

) (GCN1L1), mRNA;

riant 2, mRNA; gi|54607054|ref|NM\_024009.2| Homo sapiens gap junction protein, beta 3, 31kDa (GJE

ant 2, mRNA; gi|54607071|ref|NM\_058181.1| Homo sapiens ybeY metalloproteinase (putative) (YBEY),

EEFSEC), mRNA;

ain, secreted, (semaphorin) 3B (SEMA3B), transcript variant 1, mRNA; gi|54607088|ref|NM\_00100591

ript variant 1, mRNA; gi|54607103|ref|NM\_020187.2| Homo sapiens chromosome 3 open reading fran

t 1, mRNA; gi|54607109|ref|NM\_174929.2| Homo sapiens zinc finger, MIZ-type containing 2 (ZMIZ2), t

.IG1), mRNA;

.), mRNA;

3D), transcript variant 1, mRNA; gi|54607140|ref|NM\_018156.2| Homo sapiens vacuolar protein sortin

1|ref|NM\_001006625.1| Homo sapiens podoplanin (PDPN), transcript variant 4, mRNA; gi|54792055|r  
(SUMO1), transcript variant 3, mRNA; gi|54792064|ref|NM\_001005781.1| Homo sapiens SMT3 suppre  
MO2), transcript variant 1, mRNA; gi|54792070|ref|NM\_001005849.1| Homo sapiens SMT3 suppresso

3CA), mRNA;  
nosotide binding specific) member 3 (PLEKHA3), mRNA;

ig 2, neuro/glioblastoma derived oncogene homolog (avian) (ERBB2), transcript variant 2, mRNA; gi|547  
ariant 5, mRNA; gi|54792112|ref|NM\_001006630.1| Homo sapiens cholinergic receptor, muscarinic 2 (

NA;

;

RM), mRNA;

; gi|54792149|ref|NM\_001006656.1| Homo sapiens zinc finger protein 473 (ZNF473), transcript varian

it variant 1, mRNA; gi|54860104|ref|NM\_018054.4| Homo sapiens Rho GTPase activating protein 17 (A  
mRNA;

ptide-like 3F (APOBEC3F), transcript variant 2, mRNA; gi|110225344|ref|NM\_145298.5| Homo sapiens  
gase 2 (HECW2), mRNA;  
ig 2 (LRFN2), mRNA;  
rRNA;

RNA; gi|55741875|ref|NM\_031486.1| Homo sapiens zinc finger protein 484 (ZNF484), transcript varian

JA;

, member 2 (ATP8B2), transcript variant 2, mRNA; gi|210032612|ref|NM\_020452.3| Homo sapiens ATP

), mRNA;

1), transcript variant 1, mRNA; gi|55743125|ref|NM\_001006945.1| Homo sapiens ligand dependent nu  
A; gi|55743129|ref|NM\_001007074.1| Homo sapiens ribosomal protein L32 (RPL32), transcript varian

5KA1), transcript variant 2, mRNA; gi|56243479|ref|NM\_002953.3| Homo sapiens ribosomal protein S6  
5KA2), transcript variant 2, mRNA; gi|56243487|ref|NM\_021135.4| Homo sapiens ribosomal protein S6  
5KA4), transcript variant 2, mRNA; gi|56243503|ref|NM\_003942.2| Homo sapiens ribosomal protein S6  
t 4, mRNA; gi|55743139|ref|NM\_001006612.1| Homo sapiens WW domain binding protein 5 (WBP5),

ript variant 1, mRNA; gi|55749423|ref|NM\_001006640.1| Homo sapiens transcription elongation facto  
ranscript variant 1, mRNA; gi|31543154|ref|NM\_032926.2| Homo sapiens transcription elongation facto  
ranscript variant 2, mRNA; gi|65505872|ref|NM\_024863.4| Homo sapiens transcription elongation facto  
ranscript variant 2, mRNA; gi|55925650|ref|NM\_153333.2| Homo sapiens transcription elongation facto  
variant 5, mRNA; gi|55749489|ref|NM\_001007067.1| Homo sapiens syndecan binding protein (synteni

3ef domain) member 3 (PLEKHG3), mRNA;

it 1, mRNA; gi|55749658|ref|NM\_001006947.1| Homo sapiens UHRF1 binding protein 1-like (UHRF1BP

P2B), mRNA;

variant 2, mRNA; gi|55749778|ref|NM\_020946.1| Homo sapiens DENN/MADD domain containing 1A (I  
;

|ref|NM\_001007026.1| Homo sapiens atrophin 1 (ATN1), transcript variant 1, mRNA;

gi|61743953|ref|NM\_001620.1| Homo sapiens AHNAK nucleoprotein (AHNAK), transcript variant 1, m  
e encoding mitochondrial protein, mRNA;

POLR3D), mRNA;

[PTPRF), interacting protein (liprin), alpha 4 (PPFIA4), mRNA;

RNA; gi|55769558|ref|NM\_006962.1| Homo sapiens zinc finger protein 182 (ZNF182), transcript varian  
A;

ranscript variant 3, mRNA; gi|63176660|ref|NM\_181877.3| Homo sapiens zinc finger and SCAN domain c  
mRNA;

RNA;

;

INA1), mRNA;

RIN2C), mRNA;

ript variant 3, mRNA; gi|55770857|ref|NM\_001007025.1| Homo sapiens golgi SNAP receptor complex

;

riant 2, mRNA; gi|261399908|ref|NM\_001166276.1| Homo sapiens Rho GTPase activating protein 25 (X1), mRNA;

770891|ref|NM\_001006943.1| Homo sapiens EPH receptor A8 (EPHA8), transcript variant 2, mRNA;

nolog, Drosophila); translocated to, 11 (MLLT11), mRNA;

;

, mRNA;

75991708|ref|NM\_001033667.1| Homo sapiens lymphocyte antigen 9 (LY9), transcript variant 2, mRNA  
8G2), mRNA;

.7), mRNA;

l), mRNA;

;

)|ref|NM\_001006946.1| Homo sapiens syndecan 1 (SDC1), transcript variant 1, mRNA;

laevis) (TSKU), mRNA;

ript variant 1, mRNA; gi|55953073|ref|NM\_001007270.1| Homo sapiens gem (nuclear organelle) as

ript variant 3, mRNA; gi|55953082|ref|NM\_001007242.1| Homo sapiens glycoprotein 2 (zymogen gi

ember 3 (TRPM3), transcript variant 7, mRNA; gi|154091313|ref|NM\_001007471.2| Homo sapiens tra  
; gi|55953099|ref|NM\_020245.3| Homo sapiens tubby like protein 4 (TULP4), transcript variant 1, mRN  
2), mRNA;  
1, mRNA; gi|55953119|ref|NM\_001007279.1| Homo sapiens RAS-like, family 10, member A (RASL10A)

, mRNA; gi|55953124|ref|NM\_016104.2| Homo sapiens RWD domain containing 1 (RWDD1), transcrip  
variant 1, mRNA; gi|55953134|ref|NM\_001007237.1| Homo sapiens immunoglobulin superfamily, mer

RNA; gi|55956767|ref|NM\_001007277.1| Homo sapiens etoposide induced 2.4 mRNA (EI24), transcript  
, transcript variant 1, mRNA; gi|55956783|ref|NM\_014775.2| Homo sapiens Sfi1 homolog, spindle asse

gulator of chromatin, subfamily b, member 1 (SMARCB1), transcript variant 2, mRNA; gi|55956799|ref|i

RNA; gi|55956896|ref|NM\_014955.2| Homo sapiens methyltransferase like 13 (METTL13), transcript v  
, transcript variant 1, mRNA; gi|55956901|ref|NM\_006724.2| Homo sapiens mitogen-activated protein  
mRNA;

transcript variant 1, mRNA; gi|55956920|ref|NM\_004499.3| Homo sapiens heterogeneous nuclear ribo  
mpled (HTR1A), mRNA;

NA;

(RBMV1E), mRNA;

(RBMV1J), mRNA;

(RBMV1D), mRNA;

l), mRNA;

;

iant 3, mRNA; gi|56117817|ref|NM\_001007271.1| Homo sapiens dual specificity phosphatase 13 (DUS  
RNA; gi|56117829|ref|NM\_001007228.1| Homo sapiens speckle-type POZ protein (SPOP), transcript v  
transcript variant 2, mRNA; gi|56117845|ref|NM\_001007559.1| Homo sapiens synovial sarcoma transloca  
transcript variant 3, mRNA; gi|59889557|ref|NM\_001012331.1| Homo sapiens neurotrophic tyrosine k

2BP2), transcript variant 2, mRNA; gi|64085376|ref|NM\_006548.4| Homo sapiens insulin-like growth fi  
ber 1 interacting protein (APBB1IP), mRNA;

anscript variant 1, mRNA; gi|62865868|ref|NM\_001015045.1| Homo sapiens family with sequence sim

ript variant 1, mRNA; gi|56118222|ref|NM\_001007794.1| Homo sapiens choline/ethanolamine phosph  
, 10 (ADAMTS10), mRNA;

drogenase 1; 20-alpha (3-alpha)-hydroxysteroid dehydrogenase) (AKR1C1), mRNA;

n protein ligase (STUB1), mRNA;

TGA5), mRNA;

.1), mRNA;

mRNA;

3), mRNA;

encoding mitochondrial protein, mRNA;

; gi|55743160|ref|NM\_001006657.1| Homo sapiens WD repeat domain 35 (WDR35), transcript variant

112|ref|NM\_021980.4| Homo sapiens optineurin (OPTN), transcript variant 2, mRNA; gi|56549108|ref|

3098|ref|NM\_004408.2| Homo sapiens dynamin 1 (DNM1), transcript variant 1, mRNA;

variant 2, mRNA; gi|56549128|ref|NM\_198530.2| Homo sapiens matrix-remodelling associated 7 (MXRA7

549134|ref|NM\_013259.2| Homo sapiens transgelin 3 (TAGLN3), transcript variant 1, mRNA; gi|56549

NA;

37|ref|NM\_001008492.1| Homo sapiens septin 2 (SEPT2), transcript variant 3, mRNA; gi|56549639|ref

5), mRNA;

), mRNA;

2, mRNA; gi|57014084|ref|NM\_004038.3| Homo sapiens amylase, alpha 1A (salivary) (AMY1A), transcr

;

: variant 3, mRNA; gi|56549676|ref|NM\_001008487.1| Homo sapiens solute carrier family 41, member

tide A) small phosphatase-like (CTDSPL), transcript variant 2, mRNA; gi|56549682|ref|NM\_001008392.1

t 1, mRNA; gi|56549686|ref|NM\_138485.1| Homo sapiens GTP-binding protein 8 (putative) (GTPBP8),

mRNA; gi|56549693|ref|NM\_001008493.1| Homo sapiens enabled homolog (Drosophila) (ENAH), tran:

A;

repeats (UACA), transcript variant 2, mRNA; gi|59850761|ref|NM\_018003.2| Homo sapiens uveal auto:

50811|ref|NM\_003361.2| Homo sapiens uromodulin (UMOD), transcript variant 1, mRNA;

variant 1, mRNA; gi|56550052|ref|NM\_003663.3| Homo sapiens CGG triplet repeat binding protein 1

50103|ref|NM\_006650.3| Homo sapiens complexin 2 (CPLX2), transcript variant 1, mRNA;

(MRE11A), transcript variant 2, mRNA; gi|56550105|ref|NM\_005591.3| Homo sapiens MRE11 meiotic  
nRNA;

variant 3, mRNA; gi|56549652|ref|NM\_002515.2| Homo sapiens neuro-oncological ventral antigen 1 (NOV

REL), mRNA;  
VA;

rRNA;  
dogene (RBMV2FP), non-coding RNA;  
yeast) (TIMM22), nuclear gene encoding mitochondrial protein, mRNA;

L4), mRNA;  
rRNA;

9kDa (NDUFB8), nuclear gene encoding mitochondrial protein, mRNA;

mRNA;  
rRNA;

F1), mRNA;

(TPPP3), mRNA; gi|56676374|ref|NM\_016140.2| Homo sapiens tubulin polymerization-promoting pro  
2), mRNA;

g 3 (TMED3), mRNA;  
mRNA;  
;  
RNA;

variant 2, mRNA; gi|56682939|ref|NM\_001008535.1| Homo sapiens A kinase (PRKA) anchor protein 14

3, mRNA; gi|56682946|ref|NM\_001006682.1| Homo sapiens spindlin family, member 2B (SPIN2B), trar  
S15), transcript variant 1, mRNA; gi|229577184|ref|NM\_001159969.1| Homo sapiens epidermal growt  
BMY1A1), mRNA;



carrier), member 25 (SLC25A25), nuclear gene encoding mitochondrial protein, transcript variant 3, m

1b, mRNA; gi|56699461|ref|NM\_006902.3| Homo sapiens paired related homeobox 1 (PRRX1), transcri  
2, mRNA; gi|56699464|ref|NM\_001008566.1| Homo sapiens tyrosylprotein sulfotransferase 2 (TPST2),

homolog (*S. cerevisiae*) (CCZ1), mRNA;  
RNA;

), mRNA;

NA;  
cyclic acid decarboxylase), member 1 (SLC9C1), mRNA;

ae) (DIMIT1), mRNA;

.), mRNA;

variant 1, mRNA; gi|56786150|ref|NM\_001008704.1| Homo sapiens chromosome 6 open reading frame  
NA; gi|56788350|ref|NM\_001008695.1| Homo sapiens THAP domain containing 7 (THAP7), transcript  
mRNA; gi|56788355|ref|NM\_001008697.1| Homo sapiens tuftelin interacting protein 11 (TFIP11), tran  
(yeast) (TOMM22), nuclear gene encoding mitochondrial protein, mRNA;  
RNA;

gi|56788375|ref|NM\_014089.3| Homo sapiens nucleoporin like 1 (NUPL1), transcript variant 1, mRNA;  
MAPKAP1), transcript variant 3, mRNA; gi|56788406|ref|NM\_001006617.1| Homo sapiens mitogen-act

variant 1, mRNA; gi|56790928|ref|NM\_003467.2| Homo sapiens chemokine (C-X-C motif) receptor 4 (C  
transcript variant 2, mRNA; gi|56790931|ref|NM\_001008707.1| Homo sapiens echinoderm microtubule

RNA;

NA;

NF9B), mRNA;  
C3), mRNA;

RNA;

ding RNA;

SPG4P1Y), non-coding RNA;

|ref|NM\_001009181.1| Homo sapiens statherin (STATH), transcript variant 2, mRNA;  
A9), mRNA;

ipt variant 4, mRNA; gi|57164968|ref|NM\_001008710.1| Homo sapiens RNA binding protein with mult  
transcript variant gamma, mRNA; gi|57165348|ref|NM\_003616.2| Homo sapiens gem (nuclear organe

RNA; gi|57165357|ref|NM\_080666.2| Homo sapiens WD repeat domain 89 (WDR89), transcript variant  
iant 2, mRNA; gi|57165362|ref|NM\_176791.3| Homo sapiens gametocyte specific factor 1-like (GTSF1

iated protein 1 (glutamate binding) (GRINA), transcript variant 1, mRNA; gi|57165374|ref|NM\_001009:  
sferase homolog (S. cerevisiae) (ALG12), mRNA;

ref|NM\_001008895.1| Homo sapiens cullin 4A (CUL4A), transcript variant 1, mRNA;  
RNA; gi|57165429|ref|NM\_199132.1| Homo sapiens zinc finger protein 468 (ZNF468), transcript varian

PPP2CB), mRNA;

P2CA), mRNA;

;

L1), mRNA;

7242754|ref|NM\_014944.3| Homo sapiens calsyntenin 1 (CLSTN1), transcript variant 2, mRNA;

IZ) domain containing protein 1 (RCBTB1), mRNA;

P1K1), mRNA;

42783|ref|NM\_001008541.1| Homo sapiens MAX interactor 1 (MXI1), transcript variant 3, mRNA; gi|5

RNA;

B), transcript variant 2, mRNA; gi|57242797|ref|NM\_014474.2| Homo sapiens sphingomyelin phospho

1, mRNA; gi|57242804|ref|NM\_001008744.1| Homo sapiens tyrosyl-DNA phosphodiesterase 1 (TDP1), 46A1), mRNA;

nRNA;  
1), mRNA;

ciated 1 (KHDRBS1), mRNA;  
ciated 3 (KHDRBS3), mRNA;

4F4), mRNA;  
, mRNA;

R5B21), mRNA;  
mRNA;  
NA;  
sferase-like 1 (B3GNTL1), mRNA;  
coding) (H19), non-coding RNA;

3256|ref|NM\_030752.2| Homo sapiens t-complex 1 (TCP1), transcript variant 1, mRNA;  
863270|ref|NM\_015058.1| Homo sapiens KIAA0564 (KIAA0564), transcript variant 1, mRNA;  
7863278|ref|NM\_001009813.1| Homo sapiens Meis homeobox 3 (MEIS3), transcript variant 2, mRNA;  
ing (PVRIG), mRNA;

863292|ref|NM\_015264.1| Homo sapiens KIAA0930 (KIAA0930), transcript variant 1, mRNA;  
A2), mRNA;

TK), mRNA;

7C), mRNA;

VI domain), member 1 (LILRA1), mRNA;

\;  
NA;

VA;

;
   
rRNA;
   
  
member 2 (SERP2), mRNA;
   
;
   
VA;
   
  
VA;
   
  
VA;
   
  
variant 1, mRNA; gi|58294157|ref|NM\_001010974.1| Homo sapiens breast carcinoma amplified sequen
   
  
pt variant 1, mRNA; gi|58331106|ref|NM\_001010984.1| Homo sapiens chromosome 1 open reading fr
   
ant 4, mRNA; gi|58331119|ref|NM\_001009923.1| Homo sapiens transmembrane protein 230 (TMEM2
   
  
A;
   
ie encoding mitochondrial protein, mRNA;
   
IA; gi|58331160|ref|NM\_015651.1| Homo sapiens PHD finger protein 19 (PHF19), transcript variant 1,
   
anscript variant 1, mRNA; gi|58331170|ref|NM\_001009186.1| Homo sapiens chaperonin containing TC
   
RNA; gi|58331174|ref|NM\_020711.1| Homo sapiens ermin, ERM-like protein (ERMN), transcript varian
   
  
riant 1, mRNA; gi|58331180|ref|NM\_134265.2| Homo sapiens WD repeat and SOCS box containing 1 ('
   
, mRNA; gi|58331190|ref|NM\_001010938.1| Homo sapiens tyrosine kinase, non-receptor, 2 (TNK2), tr:
   
t variant 2, mRNA; gi|58331201|ref|NM\_001010935.1| Homo sapiens RAP1A, member of RAS oncogen
   
  
{NA;
   
{NA;
   
aminyltransferase; transferase B, alpha 1-3-galactosyltransferase) (ABO), mRNA;
   
ript variant 2, mRNA; gi|23510345|ref|NM\_152932.1| Homo sapiens glycosyltransferase 8 domain cont
   
  
transcript variant 1, mRNA; gi|58331231|ref|NM\_018114.4| Homo sapiens DALR anticodon binding do
   
NA;
   
  
n 3 (ARAP3), mRNA;
   
  
  
t variant GAD25, mRNA; gi|58331245|ref|NM\_000817.2| Homo sapiens glutamate decarboxylase 1 (br
   
  
EF (OBSCN), transcript variant 1, mRNA; gi|148833505|ref|NM\_001098623.1| Homo sapiens obscurin,
   
; gi|145701016|ref|NM\_001085366.1| Homo sapiens zinc finger protein 655 (ZNF655), transcript varia
   
  
y, complementation group 6-like (ERCC6L), mRNA;

encoding mitochondrial protein, transcript variant 1, mRNA; gi|223941829|ref|NR\_026910.1| Homo sa  
t 3, mRNA; gi|58430941|ref|NM\_001009932.1| Homo sapiens deoxyribonuclease I-like 1 (DNASE1L1),  
3839|ref|NM\_004415.2| Homo sapiens desmoplakin (DSP), transcript variant 1, mRNA;  
V1\_001010972.1| Homo sapiens zyxin (ZYG), transcript variant 2, mRNA;  
nt 1, mRNA; gi|58530847|ref|NM\_001011546.1| Homo sapiens destrin (actin depolymerizing factor) (I

, mRNA;

member 7 (XKR7), mRNA;  
 member 9 (XKR9), mRNA;  
 EF10L), transcript variant 1, mRNA; gi|74136546|ref|NM\_001011722.2| Homo sapiens Rho guanine nu  
 RNP1L2), transcript variant 1, mRNA; gi|58761497|ref|NM\_001011725.1| Homo sapiens heterogeneo  
 |58761499|ref|NM\_013341.3| Homo sapiens Obg-like ATPase 1 (OLA1), transcript variant 1, mRNA;  
 riant 1, mRNA; gi|58761505|ref|NM\_001011699.1| Homo sapiens HAUS augmin-like complex, subunit

nRNA;  
mRNA;

RNA;

er 4 (XKR4), mRNA;  
P8L3), mRNA;

t variant 1, mRNA; gi|59710095|ref|NM\_175611.2| Homo sapiens glutamate receptor, ionotropic, kain

in 1 (IRAK1BP1), mRNA;  
rRNA; gi|34222264|ref|NM\_006337.3| Homo sapiens microspherule protein 1 (MCRS1), transcript vari

ant 1, mRNA; gi|59806342|ref|NM\_001011705.1| Homo sapiens leukocyte cell derived chemotaxin 1 (l

, mRNA;

2 (ST8SIA2), mRNA;

, mRNA; gi|59814145|ref|NM\_001011885.1| Homo sapiens BTB (POZ) domain containing 1 (BTBD1), tr

PINI2), mRNA;

ant 2, mRNA; gi|56699412|ref|NM\_001008387.1| Homo sapiens regenerating islet-derived 3 gamma (l  
A;

RNA; gi|59850648|ref|NM\_018443.2| Homo sapiens zinc finger protein 302 (ZNF302), transcript varian

ript variant 2, mRNA; gi|56549144|ref|NM\_182915.2| Homo sapiens STEAP family member 3, metallor

it 1, mRNA; gi|59859881|ref|NM\_001012271.1| Homo sapiens baculoviral IAP repeat containing 5 (BIR

it variant 2, mRNA; gi|59889553|ref|NM\_020248.2| Homo sapiens catenin, beta interacting protein 1 (l  
21 (NUDT21), mRNA;

BRG1), mRNA;

ie encoding mitochondrial protein, mRNA;

RNA;

ipt variant 3, mRNA; gi|59894795|ref|NM\_001012333.1| Homo sapiens midkine (neurite growth-prom

inscript variant 4, mRNA; gi|59938769|ref|NM\_182898.2| Homo sapiens cAMP responsive element bin  
) , mRNA;

, mRNA; gi|59938781|ref|NM\_003743.4| Homo sapiens nuclear receptor coactivator 1 (NCOA1), trans

ML), transcript variant 2, mRNA; gi|59939898|ref|NM\_002545.3| Homo sapiens opioid binding protein,

t 2, mRNA; gi|19923095|ref|NM\_022148.2| Homo sapiens cytokine receptor-like factor 2 (CRLF2), tran

er 14 (SLC25A14), nuclear gene encoding mitochondrial protein, transcript variant long, mRNA; gi|13259

IA2), mRNA;

25|ref|NM\_001002026.2| Homo sapiens claudin 18 (CLDN18), transcript variant 2, mRNA;

VA;

mRNA; gi|55925645|ref|NM\_014412.2| Homo sapiens calcyclin binding protein (CACYPB), transcript va  
4B), mRNA;

NA; gi|60279263|ref|NM\_014302.3| Homo sapiens Sec61 gamma subunit (SEC61G), transcript variant  
variant 1, mRNA; gi|60279267|ref|NM\_001012478.1| Homo sapiens U2 small nuclear RNA auxiliary fact

it 3, mRNA; gi|60302915|ref|NM\_030926.4| Homo sapiens integral membrane protein 2C (ITM2C), tra

IA3), mRNA;

ranscript variant 2, mRNA; gi|60498971|ref|NM\_002613.3| Homo sapiens 3-phosphoinositide depender

transcript variant 1, mRNA; gi|60498983|ref|NM\_009590.2| Homo sapiens amine oxidase, copper con  
|60498991|ref|NM\_001012427.1| Homo sapiens forkhead box P4 (FOXP4), transcript variant 3, mRNA;

variant A, mRNA; gi|60499012|ref|NM\_001012511.1| Homo sapiens golgi SNAP receptor complex me  
VA;

, non-coding RNA;

ng RNA;

VA;

VA;

nscript variant 1, mRNA;

ion-coding RNA;

VA;

), mRNA;

;

), transcript variant 1, mRNA; gi|61742796|ref|NM\_001013257.1| Homo sapiens basal cell adhesion m  
ant 5, mRNA; gi|37221183|ref|NM\_194456.1| Homo sapiens KRIT1, ankyrin repeat containing (KRIT1), t  
|61742818|ref|NM\_001921.2| Homo sapiens dCMP deaminase (DCTD), transcript variant 2, mRNA;  
iRNA;  
P11B1), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|71067342|ref|NM  
protein ligase (FBXW7), transcript variant 3, mRNA; gi|379991108|ref|NM\_001257069.1| Homo sapier





314|ref|NM\_001198950.1| Homo sapiens myosin XVI (MYO16), transcript variant 1, mRNA;

1, mRNA; gi|62234437|ref|NM\_001014445.1| Homo sapiens notchless homolog 1 (Drosophila) (NLE1),  
|62240988|ref|NM\_001014435.1| Homo sapiens carbonic anhydrase VII (CA7), transcript variant 2, mR

;

DP1), mRNA;

), transcript variant 3, mRNA; gi|62241014|ref|NM\_001014432.1| Homo sapiens v-akt murine thymom  
, mRNA;

33569215|ref|NM\_020204.2| Homo sapiens LIM homeobox 9 (LHX9), transcript variant 1, mRNA;

NA;

nRNA;

nscript variant 1, mRNA; gi|62243067|ref|NM\_000598.4| Homo sapiens insulin-like growth factor bind  
;

nscript variant 2, mRNA; gi|62243331|ref|NM\_003550.2| Homo sapiens MAD1 mitotic arrest deficien

RNA; gi|62243603|ref|NM\_016220.3| Homo sapiens zinc finger protein 107 (ZNF107), transcript varian

ript variant 1, mRNA; gi|62243768|ref|NM\_001013841.1| Homo sapiens signal transducing adaptor far

riant 2, mRNA; gi|63176610|ref|NM\_024755.2| Homo sapiens SAFB-like, transcription modulator (SLTM

RNA; gi|62244043|ref|NM\_001014446.1| Homo sapiens OCIA domain containing 2 (OCIAD2), transcrip

mRNA; gi|62339423|ref|NM\_001014764.1| Homo sapiens transmembrane protein 93 (TMEM93), tran

2388869|ref|NM\_183413.2| Homo sapiens F-box protein 44 (FBXO44), transcript variant 3, mRNA; gi|6

ript variant 1, mRNA; gi|51988913|ref|NM\_001004358.1| Homo sapiens fibroblast growth factor recep

· 11 (KCNJ11), transcript variant 1, mRNA; gi|261399883|ref|NM\_001166290.1| Homo sapiens potassiu  
.2), mRNA;

nRNA;

), transcript variant 2, mRNA; gi|62414348|ref|NM\_032231.4| Homo sapiens family with sequence sim  
2420874|ref|NM\_001014795.1| Homo sapiens integrin-linked kinase (ILK), transcript variant 3, mRNA;

transcript variant 2, mRNA; gi|62420878|ref|NM\_001985.2| Homo sapiens electron-transfer-flavoprot  
nscript variant 1, mRNA; gi|62420883|ref|NM\_006182.2| Homo sapiens discoidin domain receptor tyro

script variant 4, mRNA; gi|62422556|ref|NM\_001014832.1| Homo sapiens p21 protein (Cdc42/Rac)-ac

POLR2J), mRNA;  
POLR2K), mRNA;  
pt variant 1, mRNA; gi|62422567|ref|NM\_001313.3| Homo sapiens collapsin response mediator protei

ipt variant 1, mRNA; gi|62460634|ref|NM\_001014842.1| Homo sapiens transmembrane 9 superfamily

(PDIA3P), non-coding RNA;  
transcript variant 3, mRNA; gi|62526023|ref|NM\_001014838.1| Homo sapiens cutA divalent cation tol  
2526028|ref|NM\_001014839.1| Homo sapiens neurochondrin (NCDN), transcript variant 1, mRNA; gi|6  
G2), transcript variant 1, mRNA;  
62526034|ref|NM\_015878.4| Homo sapiens antizyme inhibitor 1 (AZIN1), transcript variant 1, mRNA;

NA; gi|148277017|ref|NM\_001085486.1| Homo sapiens selenoprotein P, plasma, 1 (SEPP1), transcript  
. (FOLH1), transcript variant 2, mRNA; gi|301500665|ref|NM\_001193472.1| Homo sapiens folate hydrc  
1|ref|NM\_030583.2| Homo sapiens matrilin 2 (MATN2), transcript variant 2, mRNA;  
0), mRNA;

;  
RNA;

!P5), non-coding RNA;

nt 3, mRNA; gi|62632768|ref|NM\_002434.2| Homo sapiens N-methylpurine-DNA glycosylase (MPG), t

VA; gi|62739154|ref|NM\_001014987.1| Homo sapiens linker for activation of T cells (LAT), transcript v  
it variant 1, mRNA; gi|73427802|ref|NM\_001031803.1| Homo sapiens lethal giant larvae homolog 2 (D  
, transcript variant 2, mRNA; gi|62739164|ref|NM\_182943.2| Homo sapiens procollagen-lysine, 2-oxog  
, mRNA;  
pt variant 2, mRNA; gi|62739174|ref|NM\_003610.3| Homo sapiens RAE1 RNA export 1 homolog (S. po

ef|NM\_001015055.1| Homo sapiens rhotekin (RTKN), transcript variant 1, mRNA; gi|62739180|ref|NM  
VA; gi|62750346|ref|NM\_005474.4| Homo sapiens histone deacetylase 5 (HDAC5), transcript variant 1  
aminyltransferase (MGAT2), mRNA;  
oma derived (avian) (MYCN), mRNA;  
) (YOD1), mRNA;

mRNA; gi|62821784|ref|NM\_001017370.1| Homo sapiens NHL repeat containing 3 (NHLRC3), transcrip

NA;

nt 3, mRNA; gi|62865609|ref|NM\_001017397.1| Homo sapiens tripartite motif containing 36 (TRIM36), associated factor, 32kDa (TAF9), transcript variant 2, mRNA; gi|62865616|ref|NM\_003187.4| Homo sapie

nt 1, mRNA; gi|62865622|ref|NM\_004089.3| Homo sapiens TSC22 domain family, member 3 (TSC22D3), transcript variant 2, mRNA; gi|62865629|ref|NM\_014031.3| Homo sapiens solute carrier

RNA;

65638|ref|NM\_001015878.1| Homo sapiens aurora kinase C (AURKC), transcript variant 1, mRNA; gi|6

2, mRNA; gi|19913391|ref|NM\_134427.1| Homo sapiens regulator of G-protein signaling 3 (RGS3), trar

, mRNA;

t variant B, mRNA; gi|18543374|ref|NM\_013357.2| Homo sapiens purine-rich element binding protein

erived growth inhibitor) (FABP3), mRNA;

ot variant 1, mRNA; gi|62865875|ref|NM\_001015887.1| Homo sapiens immunoglobulin superfamily, m  
mitochondrial protein, mRNA;

62865882|ref|NM\_001017396.1| Homo sapiens zinc finger protein 2 (ZNF2), transcript variant 2, mRNA

mRNA;

68216|ref|NM\_001017402.1| Homo sapiens laminin, beta 3 (LAMB3), transcript variant 2, mRNA; gi|18  
NA;

RNA;

A;

62912452|ref|NM\_001121.2| Homo sapiens adducin 3 (gamma) (ADD3), transcript variant 3, mRNA; gi|  
, nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|62912456|ref|NM\_0010  
nRNA;

), transcript variant 5, mRNA; gi|62912465|ref|NM\_001017366.1| Homo sapiens complement compon  
(LGR6), transcript variant 2, mRNA; gi|62912473|ref|NM\_001017404.1| Homo sapiens leucine-rich re

DA), mRNA;

L, mRNA; gi|62912481|ref|NM\_003484.1| Homo sapiens high mobility group AT-hook 2 (HMGA2), tran  
SS2), transcript variant 2, mRNA; gi|62912490|ref|NM\_004670.3| Homo sapiens 3'-phosphoadenosine

RNA;

RNA;

NA;

, transcript variant 2, mRNA; gi|62952497|ref|NM\_020397.2| Homo sapiens calcium/calmodulin-deper

P26C1), mRNA;  
2R1), mRNA;  
2U1), mRNA;  
(CYP4A22), mRNA;  
transcript variant 2, mRNA; gi|62953112|ref|NM\_001017534.1| Homo sapiens caspase recruitment do  
pus laevis) (BAMBI), mRNA;  
script variant 2, mRNA; gi|62953121|ref|NM\_170725.2| Homo sapiens piggyBac transposable element  
it 2, mRNA; gi|62953130|ref|NM\_001017405.1| Homo sapiens macrophage erythroblast attacher (MA  
mRNA; gi|62953133|ref|NM\_032296.2| Homo sapiens FLYWCH-type zinc finger 1 (FLYWCH1), transcrip

ng RNA;

mRNA;

, mRNA;  
iRIN3B), mRNA; gi|341914127|ref|XM\_003403700.1| PREDICTED: Homo sapiens glutamate receptor, ic

RNA;

mRNA;  
like (ATP6AP1L), mRNA;

71A1), mRNA;  
NA;

VA;

VA;

2, mRNA; gi|63053520|ref|NM\_003368.4| Homo sapiens ubiquitin specific peptidase 1 (USP1), transcrip  
, mRNA;

; gi|63054827|ref|NM\_001915.3| Homo sapiens cytochrome b-561 (CYB561), transcript variant 1, mRNA; gi|63054844|ref|NM\_001017535.1| Homo sapiens vitamin D (1,25- dihydroxyvitamin D3) receptor (VDR), transcript variant 1, mRNA; gi|63054846|ref|NM\_080654.2| Homo sapiens coiled-coil domain containing 34 (CCDC34), transcript variant 1, mRNA; gi|63054851|ref|NM\_001017520.1| Homo sapiens deoxynucleotidyltransferase, terminal transferase (ERMAP), transcript variant 2, mRNA; gi|63054854|ref|NM\_001017922.1| Homo sapiens erythropoietin receptor 2 (EPOR2), transcript variant 1, mRNA; gi|63054859|ref|NM\_001017919.1| Homo sapiens RCC1 domain containing 1 (RCCD1), transcript variant 1 (PAG1), mRNA;

variant 1, mRNA; gi|315570272|ref|NM\_001199893.1| Homo sapiens actin, gamma 2, smooth muscle

associated factor, 18kDa (TAF13), mRNA;

1, mRNA; gi|55749556|ref|NM\_001006610.1| Homo sapiens siroin E3 ubiquitin protein ligase 1 (SIAH1), mRNA;

revisiae) (SLX4), mRNA;

IA; gi|63252895|ref|NM\_001018004.1| Homo sapiens tropomyosin 1 (alpha) (TPM1), transcript variant 1 (SCO2), mRNA;

IPRC5A), mRNA;

(YSK4), transcript variant 2, mRNA; gi|68077163|ref|NM\_025052.3| Homo sapiens YSK4 Sps1/Ste20-re

m) (P4HTM), transcript variant 3, mRNA; gi|62953125|ref|NM\_177939.2| Homo sapiens prolyl 4-hydroxylase (P4H), transcript variant 1, mRNA; gi|295849309|ref|NM\_001018036.2| Homo sapiens thyroid stimulating hormone receptor 2 (TSHR2), transcript variant 2, mRNA; gi|64085166|ref|NM\_001017915.1| Homo sapiens inositol polyphosphate-5-

iae) (CWC27), mRNA;

, 6 (ADAMTS6), mRNA;

2W1), mRNA;

(PFKFB2), transcript variant 2, mRNA; gi|64762405|ref|NM\_006212.2| Homo sapiens 6-phosphofructo

EIF2AK4), mRNA;

mRNA;

variant 1, mRNA; gi|65293357|ref|NM\_052858.3| Homo sapiens MARVEL domain containing 3 (MARVEL

HLPP2), mRNA;

t variant 2, mRNA; gi|65301166|ref|NM\_003383.3| Homo sapiens very low density lipoprotein recepto
 mRNA;

nt 1, mRNA; gi|61744472|ref|NM\_001011544.1| Homo sapiens melanoma antigen family A, 11 (MAGE
 ipt variant 2, mRNA; gi|65507500|ref|NM\_001018049.1| Homo sapiens progesterone-associated endor
 rotein (PTPRCAP), mRNA;

ipt variant 2, mRNA; gi|65508163|ref|NM\_016175.3| Homo sapiens chromosome 5 open reading fran

riant a, mRNA; gi|62953115|ref|NM\_001017523.1| Homo sapiens BTB (POZ) domain containing 11 (BT
 nt 1, mRNA; gi|342837722|ref|NM\_001018070.2| Homo sapiens coronin, actin binding protein, 1B (CC
 ng cytoplasmic tail, 5B (KIR2DL5B), mRNA;

5|ref|NM\_001908.3| Homo sapiens cathepsin B (CTSB), transcript variant 1, mRNA; gi|66346650|ref|N
 311078515|ref|NM\_001198721.1| Homo sapiens proline rich 5 (renal) (PRR5), transcript variant 6, mR
 variant 1, mRNA; gi|66346659|ref|NM\_181335.2| Homo sapiens Rho GTPase activating protein 8 (ARHG
 P513A), transcript variant C, mRNA; gi|192807294|ref|NM\_015186.3| Homo sapiens vacuolar protein s
 nt 4, mRNA; gi|66346680|ref|NM\_001018068.1| Homo sapiens SERPINE1 mRNA binding protein 1 (SEI
 nt 1, mRNA; gi|66346688|ref|NM\_001018057.1| Homo sapiens dickkopf 3 homolog (Xenopus laevis) (

mRNA; gi|66346703|ref|NM\_001018089.1| Homo sapiens NMDA receptor regulated 2 (NARG2), transcr

in containing 1 (MAGI1), transcript variant 2, mRNA; gi|74272283|ref|NM\_001033057.1| Homo sapien
 in containing 2 (MAGI2), mRNA;

C2R), mRNA;

2), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|66346722|ref|NM\_001
 orin) (EPM2A), transcript variant 1, mRNA; gi|66346727|ref|NM\_001018041.1| Homo sapiens epilepsy
 ne encoding mitochondrial protein, mRNA;

ncoding mitochondrial protein, mRNA;

riant 1, mRNA; gi|66363685|ref|NM\_001018159.1| Homo sapiens NEDD8 activating enzyme E1 subunit  
2, mRNA; gi|66363692|ref|NM\_006118.3| Homo sapiens HCLS1 associated protein X-1 (HAX1), transcri  
nd proline-rich containing (RLTPR), mRNA;  
RNA;  
mRNA;

icoid receptor) (NR3C1), transcript variant 1, mRNA; gi|324021678|ref|NM\_001204262.1| Homo sapiens  
nscript variant 1, mRNA; gi|66528685|ref|NM\_152633.2| Homo sapiens Fanconi anemia, complement  
script variant 1, mRNA; gi|66528887|ref|NM\_001018115.1| Homo sapiens Fanconi anemia, compleme  
cript variant 1, mRNA; gi|66528994|ref|NM\_001018080.1| Homo sapiens follicle stimulating hormone,  
(ABCC5), transcript variant 1, mRNA; gi|66529092|ref|NM\_001023587.1| Homo sapiens ATP-binding ca  
5529293|ref|NM\_000305.2| Homo sapiens paraoxonase 2 (PON2), transcript variant 1, mRNA;

variant 3, mRNA; gi|66737373|ref|NM\_001024213.1| Homo sapiens S100 calcium binding protein A13  
l), mRNA;  
[PPAPDC2), mRNA;  
RNA; gi|66879663|ref|NM\_001024228.1| Homo sapiens ADP-ribosylation factor 1 (ARF1), transcript va  
nscript variant 2, mRNA; gi|66880552|ref|NM\_000135.2| Homo sapiens Fanconi anemia, complement

;

A;

NA; gi|66932891|ref|NM\_078473.2| Homo sapiens TM2 domain containing 2 (TM2D2), transcript vari  
mRNA;

int 1, mRNA; gi|66932910|ref|NM\_014676.2| Homo sapiens pumilio homolog 1 (Drosophila) (PUM1), t  
ranscript variant 4, mRNA; gi|66932921|ref|NM\_138373.3| Homo sapiens myeloid-associated differenti  
script variant 2, mRNA; gi|66932930|ref|NM\_006006.4| Homo sapiens zinc finger and BTB domain con  
mRNA; gi|66932940|ref|NM\_001024644.1| Homo sapiens chemokine (C motif) receptor 1 (XCR1), tra

gi|66932971|ref|NM\_001024071.1| Homo sapiens GTP cyclohydrolase 1 (GCH1), transcript variant 4  
73|ref|NM\_020806.4| Homo sapiens gephyrin (GPHN), transcript variant 1, mRNA;  
t 2, mRNA; gi|66932987|ref|NM\_001024216.1| Homo sapiens filamin binding LIM protein 1 (FBLIM1),  
ing mitochondrial protein, transcript variant 2, mRNA; gi|66932983|ref|NM\_004957.4| Homo sapiens t  
mRNA;  
ef|NM\_001024649.1| Homo sapiens calnexin (CANX), transcript variant 2, mRNA;

it 2, mRNA; gi|66933007|ref|NM\_000190.3| Homo sapiens hydroxymethylbilane synthase (HMBS), tra



pt variant 2, mRNA; gi|66933010|ref|NM\_024812.2| Homo sapiens brain and acute leukemia, cytoplasmic  
 1), mRNA;  
 variant 1, mRNA; gi|312836855|ref|NM\_001199219.1| Homo sapiens indolethylamine N-methyltransferase  
 nt 3, mRNA; gi|226442790|ref|NM\_001015051.3| Homo sapiens runt-related transcription factor 2 (RUNX2)  
 1), mRNA;  
 RNA; gi|67003556|ref|NM\_145271.3| Homo sapiens zinc finger protein 688 (ZNF688), transcript variant 1, mRNA;  
 gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|67078405|ref|NM\_001024732.1| Homo sapiens  
 1), mRNA;  
 gi|67089148|ref|NM\_033238.2| Homo sapiens promyelocytic leukemia (PML), transcript variant 1, mRNA; gi|188442  
 188442|ref|NM\_001024736.1| Homo sapiens CD276 molecule (CD276), transcript variant 1, mRNA; gi|188442  
 1), mRNA;  
 67189746|ref|NM\_001024662.1| Homo sapiens ribosomal protein L6 (RPL6), transcript variant 1, mRNA; gi|67189746  
 1), mRNA;  
 RNA; gi|67190621|ref|NM\_020993.3| Homo sapiens B-cell CLL/lymphoma 7A (BCL7A), transcript variant 1, mRNA;  
 eceptor) (ITGA4), mRNA; gi|67190621|ref|NM\_020993.3| Homo sapiens B-cell CLL/lymphoma 7A (BCL7A), transcript varia  
 1), non-coding RNA; gi|67190621|ref|NM\_020993.3| Homo sapiens B-cell CLL/lymphoma 7A (BCL7A), transcript varia  
 1), non-coding RNA;  
 . cerevisiae) (MSS51), nuclear gene encoding mitochondrial protein, mRNA; gi|67782308|ref|NM\_001024466.1| Homo  
 e encoding mitochondrial protein, transcript variant 1, mRNA; gi|67782308|ref|NM\_001024466.1| Homo sapiens  
 1), mRNA;  
 e), member 9 (SLC6A9), transcript variant 1, mRNA; gi|67782314|ref|NM\_201649.2| Homo sapiens solute carrier  
 1), mRNA;  
 pt variant 2, mRNA; gi|67782337|ref|NM\_001024807.1| Homo sapiens amyloid beta (A4) precursor-like protein 1  
 1), mRNA;  
 1), mRNA;  
 7782352|ref|NM\_002231.3| Homo sapiens CD82 molecule (CD82), transcript variant 1, mRNA; gi|7782352|ref|NM\_002231.3|  
 1), mRNA;  
 1), mRNA;  
 ANKS6), mRNA; gi|67944633|ref|NM\_001024924.1| Homo sapiens exocyst complex component 1 (EXOC1), transcript  
 1), mRNA; gi|67944633|ref|NM\_001024924.1| Homo sapiens exocyst complex component 1 (EXOC1), transcript  
 nsporter) member 2 (SLC25A2), nuclear gene encoding mitochondrial protein, mRNA; gi|67944633|ref|NM\_001024924.1|

in 1) (AOC3), mRNA;  
cript variant 2, mRNA; gi|229092380|ref|NM\_001159740.1| Homo sapiens lymphotoxin alpha (TNF sup  
21), transcript variant 2, mRNA; gi|68077167|ref|NM\_194283.3| Homo sapiens DnaJ (Hsp40) homolog  
gi|68160921|ref|NM\_001025071.1| Homo sapiens ribosomal protein S14 (RPS14), transcript variant 1,  
RNA;

int 4, mRNA; gi|68161486|ref|NM\_003931.2| Homo sapiens WAS protein family, member 1 (WASF1), t  
script variant 4, mRNA; gi|38261964|ref|NM\_198399.1| Homo sapiens cAMP-regulated phosphoprotei  
(CAMK2N2), mRNA;  
riant 1, mRNA; gi|195972794|ref|NM\_001130910.1| Homo sapiens chemokine (C-C motif) receptor-lik  
pDGFRB), mRNA;

: variant 2, mRNA; gi|68216153|ref|NM\_004683.4| Homo sapiens regucalcin (senescence marker prote  
3312|ref|NM\_001777.3| Homo sapiens CD47 molecule (CD47), transcript variant 1, mRNA;

NA;

gi|68303544|ref|NM\_000048.3| Homo sapiens argininosuccinate lyase (ASL), transcript variant 2, mF  
nRNA;

8 (PSMA8), transcript variant 3, mRNA; gi|68303562|ref|NM\_001025096.1| Homo sapiens proteasome  
|4503084|ref|NM\_001890.1| Homo sapiens casein alpha s1 (CSN1S1), transcript variant 1, mRNA;  
mRNA; gi|68303571|ref|NM\_001892.4| Homo sapiens casein kinase 1, alpha 1 (CSNK1A1), transcript v

lar RNA;

ariant 1, mRNA; gi|68348701|ref|NM\_001024957.1| Homo sapiens breast cancer metastasis suppressi

;

RSF8), transcript variant 1, mRNA; gi|68348712|ref|NM\_152942.2| Homo sapiens tumor necrosis facto  
, mRNA; gi|68348713|ref|NM\_002285.2| Homo sapiens AF4/FMR2 family, member 3 (AFF3), transcrip  
S4A1), transcript variant 1, mRNA; gi|68348721|ref|NM\_021950.3| Homo sapiens membrane-spanning  
clear gene encoding mitochondrial protein, mRNA;

508966|ref|NM\_001025195.1| Homo sapiens carboxylesterase 1 (CES1), transcript variant 1, mRNA; gi

RNA; gi|68509267|ref|NM\_133439.2| Homo sapiens transcriptional adaptor 2A (TADA2A), transcript v  
CYP2D6), transcript variant 2, mRNA; gi|68509919|ref|NM\_000106.4| Homo sapiens cytochrome P450  
;  
gi|68509937|ref|NM\_001025100.1| Homo sapiens myelin basic protein (MBP), transcript variant 8, mF  
RNA;  
lar RNA;  
lar RNA;  
R2W3), mRNA;

i|68533252|ref|NM\_001025197.1| Homo sapiens chitinase 3-like 2 (CHI3L2), transcript variant 2, mRN  
trand (CLLU1OS), mRNA;

l1), transcript variant 2, mRNA; gi|68798812|ref|NM\_004068.3| Homo sapiens adaptor-related protein  
i8799924|ref|NM\_003271.4| Homo sapiens tetraspanin 4 (TSPAN4), transcript variant 5, mRNA; gi|688  
variant a, mRNA; gi|68800127|ref|NM\_001025203.1| Homo sapiens U2 small nuclear RNA auxiliary fact  
RNA; gi|68800146|ref|NM\_006991.3| Homo sapiens zinc finger protein 197 (ZNF197), transcript varian  
cript variant 3, mRNA; gi|68800242|ref|NM\_001569.3| Homo sapiens interleukin-1 receptor-associate

ir (PCAF)-associated factor, 65kDa (TAF5L), transcript variant 2, mRNA; gi|69122714|ref|NM\_014409.3|  
isphatidic acid acyltransferase, beta) (AGPAT2), transcript variant 2, mRNA; gi|68835055|ref|NM\_0064:

NA;  
RNA;  
A;  
ING2), mRNA;  
cytoplasmic tail, 3 (KIR2DS3), mRNA;  
, mRNA;  
mRNA;  
er C (ANP32C), mRNA;  
IAc) transporter), member A3 (SLC35A3), mRNA;  
atidic acid acyltransferase, delta) (AGPAT4), mRNA;  
F1), transcript variant 2, mRNA; gi|69354670|ref|NM\_001025091.1| Homo sapiens ATP-binding casset  
ript variant 2, mRNA; gi|4505034|ref|NM\_002341.1| Homo sapiens lymphotoxin beta (TNF superfamily

CTD10), mRNA;

logene 9 (PPP1R2P9), non-coding RNA;

mRNA;

;

70608173|ref|NM\_001025253.1| Homo sapiens tumor protein D52 (TPD52), transcript variant 2, mRNA  
NA;

59859884|ref|NM\_001012321.1| Homo sapiens ribosomal protein SA (RPSA), transcript variant 2, mRNA

se RNA;

non-coding RNA;

ase) (H6PD), mRNA;

t 2, mRNA; gi|70909323|ref|NM\_024532.3| Homo sapiens sperm associated antigen 16 (SPAG16), transcript variant 2, mRNA; gi|289063416|ref|NM\_001172431.1| Homo sapiens adenosine monophosphate, transcript variant AP17delta, mRNA; gi|70906429|ref|NM\_004069.3| Homo sapiens adaptor-related protein 1, transcript variant 1, mRNA; gi|70906433|ref|NM\_021871.2| Homo sapiens fibrinogen alpha chain (FGA), transcript variant alpha 1, mRNA; gi|70906438|ref|NM\_021870.2| Homo sapiens fibrinogen gamma chain (FGG), transcript variant 1, mRNA; gi|70906443|ref|NM\_001025249.1| Homo sapiens mitochondrial protein, transcript variant 1, mRNA;

and elliptocytosis chromosomal region gene 1 (AMMECR1), transcript variant 1, mRNA; gi|284413706|ref|NM\_001025249.1| Homo sapiens

variant 3, mRNA; gi|70995356|ref|NM\_000903.2| Homo sapiens NAD(P)H dehydrogenase, quinone 1 (NDH1), transcript variant 3, mRNA;

5), transcript variant 1, mRNA; gi|71040089|ref|NM\_001025603.1| Homo sapiens regulatory factor X, transcript variant 3, mRNA; gi|71040091|ref|NM\_001025593.1| Homo sapiens ADP-ribosylation factor interacting protein 1, transcript variant 2, mRNA; gi|71040097|ref|NM\_001025598.1| Homo sapiens Rho GTPase activating protein 30 (ARAP30), transcript variant 2, mRNA; gi|18373304|ref|NM\_015683.1| Homo sapiens arrestin domain containing 2 (ARRDC2), transcript variant 1, mRNA;

ng RNA;

OR), mRNA;

, mRNA;

3B), mRNA;

), mRNA;

aining 1 (EEDP1), mRNA;

1, mRNA; gi|71051595|ref|NM\_001026383.1| Homo sapiens coiled-coil domain containing 7 (CCDC7), transcript variant 1, mRNA;

1), transcript variant 1, mRNA; gi|71051601|ref|NM\_001025780.1| Homo sapiens family with sequence

1 (KCTD21), mRNA;

RNA;

8), mRNA;

RNA; gi|282721017|ref|NM\_001170738.1| Homo sapiens IQ motif and Sec7 domain 3 (IQSEC3), transcript variant 1 (CEACAM4), mRNA;

cytoplasmic tail, 3 (KIR2DL3), mRNA;

NA;

RNA; gi|71164885|ref|NM\_016440.3| Homo sapiens vaccinia related kinase 3 (VRK3), transcript variant

3-cells inhibitor, epsilon (NFKBIE), mRNA;

), mRNA;

rhoGef domain) member 1 (PLEKHG1), mRNA;

), mRNA;

RNA;

BP), mRNA;

OWAHB), mRNA;

lar RNA;

lar RNA;

lar RNA;

RNA; gi|71483644|ref|NM\_007075.3| Homo sapiens WD repeat domain 45 (WDR45), transcript variant  
NA;  
ense RNA;

nRNA;  
H1C), mRNA;  
iRNA;  
mRNA;

A;  
ariant 6, mRNA; gi|31077206|ref|NM\_178849.1| Homo sapiens hepatocyte nuclear factor 4, alpha (HN  
IA;

iRNA; gi|71772358|ref|NM\_001019.4| Homo sapiens ribosomal protein S15a (RPS15A), transcript varia

IA; gi|71772593|ref|NM\_001032.3| Homo sapiens ribosomal protein S29 (RPS29), transcript variant 1,  
P1G1), transcript variant 1, mRNA; gi|71772941|ref|NM\_001128.5| Homo sapiens adaptor-related pro  
transcript variant 2, mRNA; gi|71773105|ref|NM\_001030006.1| Homo sapiens adaptor-related proteir  
ariant 2, mRNA; gi|71773149|ref|NM\_000485.2| Homo sapiens adenine phosphoribosyltransferase (AP  
transcript variant 1, mRNA; gi|71773323|ref|NM\_001030010.1| Homo sapiens aldehyde dehydrogenas  
773764|ref|NM\_014736.4| Homo sapiens KIAA0101 (KIAA0101), transcript variant 1, mRNA;

RNA;  
lar RNA;  
NA;  
lar RNA;  
lar RNA;  
), mRNA; gi|71834854|ref|NM\_001030048.1| Homo sapiens kallikrein-related peptidase 3 (KLK3), trans  
int 2, mRNA; gi|71834862|ref|NM\_001030055.1| Homo sapiens Rho GTPase activating protein 5 (ARHC  
variant 1, mRNA; gi|71834867|ref|NM\_152782.3| Homo sapiens Sad1 and UNC84 domain containing  
NTL), transcript variant 3, mRNA; gi|71852579|ref|NM\_001030272.1| Homo sapiens aryl hydrocarbon r  
ie encoding mitochondrial protein, mRNA;

system), member 5 (SLC7A5), mRNA;

175|ref|NM\_003123.3| Homo sapiens sialophorin (SPN), transcript variant 2, mRNA;

1, mRNA; gi|71999136|ref|NM\_022734.2| Homo sapiens methyltransferase like 17 (METTL17), transcript variant 1, mRNA;

member 13 (SLC7A13), mRNA;

;

mitochondrial protein, transcript variant beta, mRNA; gi|72198188|ref|NM\_000633.2| Homo sapiens B-cell lymphoma 2 (BCL2), mRNA;

lar RNA;

; gi|108796066|ref|NM\_001031623.2| Homo sapiens zinc finger protein 451 (ZNF451), transcript variant 1, mRNA;

15431305|ref|NM\_033301.1| Homo sapiens ribosomal protein L8 (RPL8), transcript variant 2, mRNA;

72377376|ref|NM\_001024921.2| Homo sapiens ribosomal protein L9 (RPL9), transcript variant 2, mRNA;

RNA;

revisiae) (PRPF40B), transcript variant 1, mRNA; gi|29789007|ref|NM\_012272.1| Homo sapiens PRP40, transcript variant 1, mRNA; gi|21450658|ref|NM\_144968.1| Homo sapiens RIB43A domain with coiled-coils 1 (RIBC43A), transcript variant 1, mRNA;

variant 1, mRNA; gi|21450658|ref|NM\_144968.1| Homo sapiens RIB43A domain with coiled-coils 1 (RIBC43A), transcript variant 1, mRNA;

PI3K), transcript variant 1, mRNA; gi|73088933|ref|NM\_001031800.1| Homo sapiens TIP41, TOR signaling protein, transcript variant 1, mRNA;

13), mRNA;

; gi|73390131|ref|NM\_016733.2| Homo sapiens LIM domain kinase 2 (LIMK2), transcript variant 2b, nuclear LIM domain kinase 2, mRNA;

transcript variant 2, mRNA; gi|73466519|ref|NM\_001031806.1| Homo sapiens aldehyde dehydrogenase 1 (ALDH1), transcript variant 1, mRNA;

hematopoietic cell-specific) (MS4A3), transcript variant 1, mRNA; gi|73486652|ref|NM\_001031809.1| Homo sapiens CD20, transcript variant 1, mRNA;

; gi|73486656|ref|NM\_033143.2| Homo sapiens fibroblast growth factor 5 (FGF5), transcript variant 2, mRNA;

aspartate aminotransferase 2) (GOT2), nuclear gene encoding mitochondrial protein, mRNA;

1 (ABP1), mRNA;

AMP1), mRNA;

1A (PPAPDC1A), mRNA;

mRNA;  
, mRNA;

inscript variant beta, mRNA; gi|73622121|ref|NM\_004346.3| Homo sapiens caspase 3, apoptosis-relate  
inscript variant gamma, mRNA; gi|73622123|ref|NM\_001225.3| Homo sapiens caspase 4, apoptosis-re  
inscript variant beta, mRNA; gi|73622128|ref|NM\_001226.3| Homo sapiens caspase 6, apoptosis-relate

inscript variant beta, mRNA; gi|73623017|ref|NM\_033338.4| Homo sapiens caspase 7, apoptosis-relate  
- 8 (SERPINB8), transcript variant 3, mRNA; gi|38504672|ref|NM\_002640.3| Homo sapiens serpin pepti

2), transcript variant 2, mRNA; gi|73695878|ref|NM\_000695.3| Homo sapiens aldehyde dehydrogenas  
ranscript variant 2, mRNA; gi|73695941|ref|NM\_012454.3| Homo sapiens T-cell lymphoma invasion and  
mRNA;

ochondrial protein, transcript variant 1, mRNA; gi|73747818|ref|NM\_145074.2| Homo sapiens HtrA se  
JRF3), transcript variant 1, mRNA; gi|73747832|ref|NM\_024778.4| Homo sapiens LON peptidase N-teri  
ge multifunctional peptidase 7) (PSMB8), transcript variant 2, mRNA; gi|73747873|ref|NM\_004159.4|  
|73747876|ref|NM\_015285.2| Homo sapiens WD repeat domain 7 (WDR7), transcript variant 1, mRNA

) (TAP2), transcript variant 1, mRNA; gi|73747916|ref|NM\_018833.2| Homo sapiens transporter 2, ATF  
ge multifunctional peptidase 2) (PSMB9), mRNA;  
, non-coding RNA;  
, non-coding RNA;  
non-coding RNA;

3, mRNA; gi|73808269|ref|NM\_024302.3| Homo sapiens matrix metalloproteinase 28 (MMP28), trans  
IMP3), mRNA;  
antitrypsin), member 3 (SERPINA3), mRNA;  
antitrypsin), member 6 (SERPINA6), mRNA;  
er 1 (SERPIND1), mRNA;  
er 1 (SERPING1), transcript variant 2, mRNA; gi|73858567|ref|NM\_000062.2| Homo sapiens serpin pep  
, transcript variant 1, mRNA; gi|73858574|ref|NM\_001032279.1| Homo sapiens RCE1 homolog, preny



riuretic peptide receptor B) (NPR2), mRNA;  
1A2), mRNA;

ing 1 (LDLRAD1), mRNA;  
B1), mRNA;

mRNA; gi|74027250|ref|NM\_033020.2| Homo sapiens tripartite motif containing 33 (TRIM33), transcript 4, mRNA; gi|269784732|ref|NM\_001167990.1| Homo sapiens polyglutamine binding protein 1 (PQB1) transcript variant 3, mRNA; gi|74027263|ref|NM\_003710.3| Homo sapiens serine peptidase inhibitor, Kunitz type 3, mRNA; gi|74027266|ref|NM\_012475.4| Homo sapiens ubiquitin specific peptidase 21 (USP21), tra

RNA; gi|258547107|ref|NM\_001146220.2| Homo sapiens zinc finger protein 226 (ZNF226), transcript variant 1, mRNA; gi|74048544|ref|NM\_001032391.1| Homo sapiens leucine carboxyl methyltransferase :

I protein, transcript variant 1, mRNA; gi|74099701|ref|NM\_001032386.1| Homo sapiens sulfite oxidase (P27B1), nuclear gene encoding mitochondrial protein, mRNA;  
gi|2839879|ref|NM\_001199241.1| Homo sapiens kynureninase (KYNU), transcript variant 3, mRNA; gi|74:

iment factor A) (HNRNPU), transcript variant 2, mRNA; gi|74136882|ref|NM\_031844.2| Homo sapiens  
RNA;

nsript variant 3, mRNA; gi|74229012|ref|NM\_016816.2| Homo sapiens 2'-5'-oligoadenylate synthetase  
nsript variant 3, mRNA; gi|74229016|ref|NM\_002535.2| Homo sapiens 2'-5'-oligoadenylate synthetase  
(*S. cerevisiae*) (FCF1), mRNA;

ript variant 1, mRNA; gi|74229023|ref|NM\_033420.3| Homo sapiens chromosome 19 open reading fra  
74229026|ref|NM\_012179.3| Homo sapiens F-box protein 7 (FBXO7), transcript variant 1, mRNA;

coding mitochondrial protein, mRNA;

rase (RFNG), mRNA;

nt 1, mRNA; gi|74271829|ref|NM\_025198.3| Homo sapiens MTERF domain containing 3 (MTERFD3), t

mRNA; gi|74271843|ref|NM\_001439.2| Homo sapiens exostoses (multiple)-like 2 (EXTL2), transcript va

ript variant 2, mRNA; gi|57013277|ref|NM\_014608.2| Homo sapiens cytoplasmic FMR1 interacting protein 2, mRNA; gi|341604771|ref|NM\_018147.3| Homo sapiens Fas apoptotic inhibitory molecule (FAIM) transcript variant 1, mRNA; gi|74272277|ref|NM\_001033054.1| Homo sapiens aryl hydrocarbon receptor 2kDa type IV collagenase) (MMP9), mRNA;

variant 1, mRNA; gi|116014340|ref|NM\_014626.3| Homo sapiens trace amine associated receptor 2 (TAAR2)  
variant 2, mRNA; gi|74275345|ref|NM\_001634.4| Homo sapiens adenosylmethionine decarboxylase (ADDC)

RNA;

RNA;

RNA;

RNA;

RNA;

RNA;

RNA;

t 10, mRNA; gi|74315999|ref|NM\_001033045.2| Homo sapiens G protein-coupled receptor 155 (GPR155), transcript variant 1, mRNA; gi|74316007|ref|NM\_022129.3| Homo sapiens phenazine biosynthesizing activity polypeptide 1 (GNGT1), mRNA;

variant 2, mRNA; gi|117968620|ref|NM\_080676.5| Homo sapiens MACRO domain containing 2 (MACROD2), transcript variant 5, mRNA; gi|75677330|ref|NM\_001033519.1| Homo sapiens WD repeat domain, mRNA; gi|75677344|ref|NM\_001033504.1| Homo sapiens transmembrane protein 98 (TMEM98), transcript variant 2, mRNA; gi|75677354|ref|NM\_001033112.1| Homo sapiens poly(A) binding protein interacting protein 3 (SUDS3), mRNA;

r gene encoding mitochondrial protein, mRNA;

IA; gi|75677337|ref|NM\_020889.2| Homo sapiens PHD finger protein 12 (PHF12), transcript variant 2, transcript variant 1, mRNA;

cript variant 1, mRNA; gi|75677373|ref|NM\_001033117.1| Homo sapiens SLIT-ROBO Rho GTPase activator 1 (CER1), mRNA;

VA;

t variant 3, mRNA; gi|325053711|ref|NM\_130810.3| Homo sapiens dyslexia susceptibility 1 candidate 1, mRNA;

mRNA;

), mRNA; gi|341913785|ref|XM\_003403642.1| PREDICTED: Homo sapiens killer cell lectin-like receptor 1, transcript variant 1, mRNA; gi|75709176|ref|NM\_007333.2| Homo sapiens killer cell lectin-like receptor 2, mRNA; gi|75709178|ref|NM\_002745.4| Homo sapiens mitogen-activated protein kinase 1 (MAPK1), mRNA;

STF3), transcript variant 1, mRNA; gi|75709186|ref|NM\_001033505.1| Homo sapiens cleavage stimulating factor 1 (STF1), mRNA;

script variant 1, mRNA; gi|75709191|ref|NM\_014173.2| Homo sapiens BRISC and BRCA1 A complex member 1, mRNA; gi|75709214|ref|NM\_181865.2| Homo sapiens acyl-CoA thioesterase 7 (ACOT7), transcript variant 1, mRNA; gi|75709216|ref|NM\_001033521.1| Homo sapiens cleavage stimulating factor 1 (STF1), transcript variant 2, mRNA; gi|75750475|ref|NM\_001033566.1| Homo sapiens ras homolog family member T1 (RHOT1), transcript variant 1, mRNA; gi|75750483|ref|NM\_001033576.1| Homo sapiens unc-45 homolog B (C. elegans) (UNC45B), transcript variant 1, mRNA;

GW), mRNA;

transcript variant 2, mRNA; gi|75750528|ref|NM\_016552.2| Homo sapiens ankyrin repeat and MYND domain containing 1 (TIMMDC1), nuclear gene encoding mitochondrial protein, mRNA;

mRNA;

transcript variant 5, mRNA; gi|75812971|ref|NM\_001033571.1| Homo sapiens archaelysin family metalloproteinase transcript variant 3, mRNA; gi|75813617|ref|NM\_001033556.1| Homo sapiens protein phosphatase, lambda (STP2), mRNA;

A;

independent 2 (NFATC2), transcript variant 1, mRNA; gi|75813623|ref|NM\_173091.2| Homo sapiens nuclear factor of activated T-cells 2 (NFATC2), transcript variant 1, mRNA; gi|75905798|ref|NM\_014451.3| Homo sapiens Bardet-Biedl syndrome 9 (BBS9), transcript variant 1, mRNA;

mRNA;

transcript variant 2, mRNA; gi|76150622|ref|NM\_006170.2| Homo sapiens NOP2 nucleolar protein homolog

mRNA;

cytochrome c oxidase subunit 1 (COX18), nuclear gene encoding mitochondrial protein, mRNA;

mRNA; gi|76257391|ref|NM\_001032730.1| Homo sapiens ubiquitin specific peptidase 48 (USP48), transcript variant 1, mRNA;

gi|76496470|ref|NM\_000967.3| Homo sapiens ribosomal protein L3 (RPL3), transcript variant 1, mRNA; nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|76496473|ref|NM\_000018.2| transcript variant 1, mRNA; gi|76496486|ref|NM\_001033873.1| Homo sapiens small cell adhesion glycoprotein (SMC), mRNA; gi|76496500|ref|NM\_001033858.1| Homo sapiens DNA cross-link repair 1C (DCLRE1C), transcript variant 1, mRNA;

homolog, Drosophila) (CELSR1), mRNA;

mRNA;

3 (HERC3), mRNA;

mRNA;

cytoplasmic tail, 1 (KIR2DS1), mRNA;

mitochondrial protein, mRNA;

, mRNA;

member 11 (SLC6A11), mRNA;

.), mRNA;

), mRNA;

6 (PSMD6), mRNA;

A;

NA;

32), mRNA;

clear gene encoding mitochondrial protein, mRNA;

nRNA;

A;

ant 1, mRNA; gi|269784662|ref|NM\_001033952.2| Homo sapiens calcitonin-related polypeptide alpha

transcript variant 2, mRNA; gi|76880485|ref|NM\_006828.2| Homo sapiens activating signal cointegratc

IA; gi|221316656|ref|NR\_026591.1| Homo sapiens RAD1 homolog (S. pombe) (RAD1), transcript variar

.12), mRNA;

mRNA;

'RC5B), mRNA;

A; gi|189095265|ref|NM\_001127691.1| Homo sapiens Rh blood group, D antigen (RHD), transcript vari:

1, mRNA; gi|77404346|ref|NM\_145759.2| Homo sapiens TNF receptor-associated factor 5 (TRAF5), tra

ikDa (EIF2S1), mRNA;

Da (EIF2S2), mRNA;

, mRNA;

D1), mRNA;

2037|ref|NM\_001025109.1| Homo sapiens CD34 molecule (CD34), transcript variant 1, mRNA;  
1 (UBA52), transcript variant 1, mRNA; gi|77539056|ref|NM\_003333.3| Homo sapiens ubiquitin A-52 r  
t 1, mRNA; gi|77628150|ref|NM\_001034025.1| Homo sapiens endoplasmic reticulum protein 29 (ERP2

L (TIAL1), transcript variant 1, mRNA; gi|77695911|ref|NM\_001033925.1| Homo sapiens TIA1 cytotoxic  
) (B3GAT1), transcript variant 1, mRNA; gi|77695915|ref|NM\_054025.2| Homo sapiens beta-1,3-glucur

;  
r RNA;  
lar RNA;  
r RNA;  
lar RNA;  
lar RNA;  
(mouse) (ZIK1), mRNA;

variant 2, mRNA; gi|77812667|ref|NM\_018983.3| Homo sapiens GAR1 ribonucleoprotein homolog (ye  
rRNA; gi|77812669|ref|NM\_005033.2| Homo sapiens exosome component 9 (EXOSC9), transcript varia  
ript variant 2, mRNA; gi|53729323|ref|NM\_017838.3| Homo sapiens NHP2 ribonucleoprotein homolog  
ng mitochondrial protein, transcript variant 2, mRNA; gi|77812681|ref|NM\_176867.3| Homo sapiens p

RNA;  
lar RNA;  
lar RNA;  
lar RNA;  
A;  
RNA;  
NA;  
lar RNA;  
RNA;  
RNA;  
lar RNA;  
lar RNA;  
lar RNA;  
system), member 5 pseudogene 1 (SLC7A5P1), non-coding RNA;  
7kDa (EIF2B4), transcript variant 3, mRNA; gi|78000157|ref|NM\_001034116.1| Homo sapiens eukaryo  
riant 2, mRNA; gi|78000159|ref|NM\_006434.2| Homo sapiens sorbin and SH3 domain containing 1 (SC  
gi|78000182|ref|NM\_001034996.1| Homo sapiens ribosomal protein L14 (RPL14), transcript variant 1,  
3, 4 (PSMD4), mRNA;  
, transcript variant 2, mRNA; gi|78000209|ref|NM\_019100.4| Homo sapiens DNA methyltransferase 1  
RNA;

!), mRNA;  
system), member 5 pseudogene 2 (SLC7A5P2), non-coding RNA;  
ng RNA;

gi|78190464|ref|NM\_033625.2| Homo sapiens ribosomal protein L34 (RPL34), transcript variant 2, mRNA

gi|78190468|ref|NM\_033643.2| Homo sapiens ribosomal protein L36 (RPL36), transcript variant 1, mRNA

transcript variant 3, mRNA; gi|78190479|ref|NM\_001034837.1| Homo sapiens Kv channel interacting protein 1 (KCNI1), mRNA; gi|78190484|ref|NM\_147183.3| Homo sapiens Kv channel interacting protein 4 (KCNI4), transcript variant 1, mRNA; gi|78190476|ref|NM\_033135.3| Homo sapiens platelet derived growth factor D (PDGFD), transcript variant C, mRNA

; gi|66932995|ref|NM\_000328.2| Homo sapiens retinitis pigmentosa GTPase regulator 2, transcript variant 2, mRNA; gi|78190493|ref|NM\_013434.4| Homo sapiens Kv channel interacting protein 5 (KCNI5), transcript variant 2, mRNA; gi|296080737|ref|NM\_001035254.2| Homo sapiens family with sequence

gi|78214520|ref|NM\_000999.3| Homo sapiens ribosomal protein L38 (RPL38), transcript variant 1, mRNA

; gi|78482612|ref|NM\_004896.3| Homo sapiens vacuolar protein sorting 1 (VPS1), transcript variant 2, mRNA; gi|78482616|ref|NM\_001035521.1| Homo sapiens general transcription factor 1 (TFIIA), transcript variant 1, mRNA

; gi|78486585|ref|NM\_212552.2| Homo sapiens bolA homolog 3 (E. coli) (BOLA3), transcript variant 1, mRNA

; gi|78711808|ref|NM\_032954.2| Homo sapiens MLX interacting protein-like (MLXIPL), transcript variant 1, mRNA; gi|78711809|ref|NM\_032954.2| Homo sapiens MLX interacting protein-like (MLXIPL), transcript variant 2, mRNA

; gi|8051612|ref|NM\_006855.2| Homo sapiens KDEL receptor 3 (KDEL3), transcript variant 2, mRNA

; gi|80861462|ref|NM\_001035256.1| Homo sapiens proopiomelanocortin (POMC), transcript variant 1, mRNA; gi|80861463|ref|NM\_001035256.1| Homo sapiens proopiomelanocortin (POMC), transcript variant 2, mRNA

mRNA;

; gi|81158085|ref|NR\_001450.2| Homo sapiens RFPL3 antisense RNA 1 (RFPL3-AS1), transcript variant 1, antisense RNA; gi|81158086|ref|NR\_001450.2| Homo sapiens RFPL3 antisense RNA 2 (RFPL3-AS2), transcript variant 1, antisense RNA

; gi|81295406|ref|NM\_001037171.1| Homo sapiens acid phosphatase-like 2 (ACPL2), transcript variant 1, mRNA; gi|81295419|ref|NM\_152282.3| Homo sapiens acid phosphatase-like 2 (ACPL2), transcript variant 2, mRNA; gi|81295793|ref|NM\_001031693.2| Homo sapiens HERV-H LTR-associating 3 (HHLA3), transcript variant 1, mRNA

; gi|81295799|ref|NM\_003466.3| Homo sapiens paired box 8 (PAX8), transcript variant PAX8A, mRNA; gi|81295799|ref|NM\_003466.3| Homo sapiens paired box 8 (PAX8), transcript variant PAX8B, mRNA

mRNA;  
VA;

, mRNA; gi|82546831|ref|NM\_001037126.1| Homo sapiens exocyst complex component 4 (EXOC4), tra

, mRNA; gi|82546835|ref|NM\_001037174.1| Homo sapiens ADP-ribosylation factor-like 5A (ARL5A), tra  
gi|82546842|ref|NM\_004327.3| Homo sapiens breakpoint cluster region (BCR), transcript variant 1, m  
8), transcript variant 2, mRNA; gi|82546851|ref|NM\_175605.3| Homo sapiens intraflagellar transport 8

RNA;

ript variant 1, mRNA; gi|116805787|ref|NM\_001037332.2| Homo sapiens cytoplasmic FMR1 interactin  
g K (avian) (MAFK), mRNA;

J1), transcript variant T1, mRNA; gi|82659086|ref|NM\_017453.2| Homo sapiens staufer, RNA binding p  
'R5), transcript variant 2, mRNA; gi|82659093|ref|NM\_001037317.1| Homo sapiens lipid phosphate ph  
) (PARD6A), transcript variant 2, mRNA; gi|82659095|ref|NM\_016948.2| Homo sapiens par-6 partition  
.RD6B), mRNA;

ic arginine), member A (PTPLA), mRNA;  
mRNA;

82659110|ref|NM\_007172.3| Homo sapiens nucleoporin 50kDa (NUP50), transcript variant 2, mRNA;

n (testican) 1 (SPOCK1), mRNA;  
mRNA;

. mRNA; gi|255918206|ref|NM\_001037728.2| Homo sapiens defensin, beta 110 locus (DEFB110), trans

RALGAPB), mRNA;

ember 37 (SLC25A37), nuclear gene encoding mitochondrial protein, mRNA;

t variant b, mRNA; gi|82799480|ref|NM\_002600.3| Homo sapiens phosphodiesterase 4B, cAMP-specif  
6), non-coding RNA;

RNA;

NA; gi|82830427|ref|NM\_032292.4| Homo sapiens gon-4-like (C. elegans) (GON4L), transcript variant :  
variant 2, mRNA; gi|82830431|ref|NM\_001037540.1| Homo sapiens sex comb on midleg-like 1 (Drosop  
ot variant 2, mRNA; gi|164607123|ref|NM\_001113378.1| Homo sapiens Fanconi anemia, complement:  
sylase) (USP14), transcript variant 2, mRNA; gi|82880646|ref|NM\_005151.3| Homo sapiens ubiquitin s  
(ZAK), transcript variant 1, mRNA; gi|82880649|ref|NM\_133646.2| Homo sapiens sterile alpha motif a  
gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|82880652|ref|NM\_203314.2| Hor  
mRNA;

12 (PITPNM2), mRNA;  
 iant 2, mRNA; gi|83035128|ref|NM\_194302.2| Homo sapiens coiled-coil domain containing 108 (CCDC  
 , mRNA;  
 nRNA;  
 , mRNA; gi|83267865|ref|NM\_001037494.1| Homo sapiens dynein, light chain, LC8-type 1 (DYNLL1), ti  
 3), transcript variant 2, mRNA; gi|83267875|ref|NM\_020132.4| Homo sapiens 1-acylglycerol-3-phosphatidyl-  
 . 82kDa (EIF2B5), mRNA;  
 on-coding RNA;  
 mRNA;  
 83281434|ref|NM\_025008.3| Homo sapiens ADAMTS-like 4 (ADAMTSL4), transcript variant 2, mRNA;  
 mRNA; gi|83281435|ref|NM\_139161.3| Homo sapiens crumbs homolog 3 (Drosophila) (CRB3), transcr  
 RNA;  
 RNA;  
 mRNA;  
 ase (TRMU), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;  
 iRNA; gi|83281446|ref|NM\_001037537.1| Homo sapiens phytanoyl-CoA 2-hydroxylase (PHYH), transcr  
 RNA;  
 mRNA; gi|83367068|ref|NM\_001037343.1| Homo sapiens cyclin-dependent kinase-like 5 (CDKL5), tran  
 mRNA;  
 mRNA;  
 : transcript variant 1, mRNA; gi|83367071|ref|NM\_001037283.1| Homo sapiens eukaryotic translation in  
 mRNA;  
 omolog (yeast) (GPAA1), mRNA;  
 ranscript variant 2, mRNA; gi|83376129|ref|NM\_001037663.1| Homo sapiens eukaryotic translation el  
 13037), non-coding RNA;  
 : (C. elegans) pseudogene (LOC440354), non-coding RNA;  
 : (C. elegans) pseudogene (LOC595101), non-coding RNA;  
 nuclear gene encoding mitochondrial protein, mRNA;  
 NA;  
 : 1, mRNA; gi|83641875|ref|NM\_019029.2| Homo sapiens carboxypeptidase, vitellogenic-like (CPVL), ti  
 ncoding mitochondrial protein, transcript variant 1, mRNA; gi|83641877|ref|NM\_001037639.1| Homo :  
 IA; gi|83641884|ref|NM\_001037637.1| Homo sapiens basic transcription factor 3 (BTF3), transcript var  
 : transcript variant 1, mRNA; gi|83641894|ref|NM\_031157.2| Homo sapiens heterogeneous nuclear ribor  
 ptide 2-like 1 (GNB2L1), mRNA;  
 iae) (SIL1), transcript variant 2, mRNA; gi|83641895|ref|NM\_001037633.1| Homo sapiens SIL1 homolo



nRNA;

mRNA;

nRNA;

nRNA;

nRNA;

RNA;

mRNA;

52kDa (EIF2S3), mRNA;

ipt variant 2, mRNA; gi|305855106|ref|NR\_036605.1| Homo sapiens geranylgeranyl diphosphate synthase (HMG-CoA synthase), transcript variant 2, mRNA; gi|76443656|ref|NM\_003752.3| Homo sapiens eukaryotic translation initiation factor 3 (eIF3), mRNA;

eIF37), mRNA;

U1), non-coding RNA;

34), mRNA;

member 4 (SLC2A4), mRNA;

member 5 (TRPV5), mRNA;

, mRNA;

VA;

mRNA;

nRNA;

U2), non-coding RNA;

, mRNA;

ipt variant 1, mRNA; gi|83921603|ref|NM\_138570.2| Homo sapiens solute carrier family 38, member 1 (SLC38A1), nuclear gene encoding mitochondrial protein, mRNA;

lactosaminyltransferase 8 (GalNAc-T8) (GALNT8), mRNA;

5652049|ref|NR\_037939.1| Homo sapiens homeobox A10 (HOXA10), transcript variant 2, non-coding RNA; gi|321400062|ref|NM\_001202523.1| Homo sapiens discoidin domain receptor tyrosine kinase 1 (DDR1), mRNA;

mRNA;

3947|ref|NM\_153631.2| Homo sapiens homeobox A3 (HOXA3), transcript variant 2, mRNA;

gi|84043955|ref|NM\_001038493.1| Homo sapiens distal-less homeobox 1 (DLX1), transcript variant 2,

RNA; gi|84043966|ref|NM\_001037872.1| Homo sapiens REV1 homolog (S. cerevisiae) (REV1), transcript

RNA; gi|91208414|ref|NM\_001040002.1| Homo sapiens mesenchyme homeobox 1 (MEOX1), transcript

(LYSMD3), mRNA;

RNA;

od group) (B3GALNT1), transcript variant 2, mRNA; gi|84452147|ref|NM\_033169.2| Homo sapiens bet

7023|ref|NM\_005522.4| Homo sapiens homeobox A1 (HOXA1), transcript variant 1, mRNA;

mRNA; gi|84697024|ref|NM\_020240.2| Homo sapiens CDC42 small effector 2 (CDC42SE2), transcript

, mRNA;

mRNA; gi|84798623|ref|NM\_020239.3| Homo sapiens CDC42 small effector 1 (CDC42SE1), transcript

), non-coding RNA;

g RNA;

mber 2, pseudogene (TRPC2), non-coding RNA;

oding RNA;

ing RNA;

NA;

NA;

NA;

RNA;

r RNA;

NA;

lar RNA;

NA;

r RNA;

NA;

NA;

r RNA;

; RNA;  
IO3OS), non-coding RNA;  
ding) (HYMAI), non-coding RNA;  
, non-coding RNA;  
RNA;  
pseudogene 1 (NUDT9P1), non-coding RNA;  
  
on-coding RNA;  
, non-coding RNA;  
ogene (SMEK3P), non-coding RNA;  
homolog 2 pseudogene 3 (TPTE2P3), non-coding RNA;  
gene 1 (TREML2P1), non-coding RNA;

g RNA;  
IA;  
ion-coding RNA;  
1), non-coding RNA;  
(THSD1P1), non-coding RNA;  
gene (P2RX6P), non-coding RNA;  
g RNA;  
C16), non-coding RNA;  
GEMIN8P4), non-coding RNA;  
oding RNA;  
.), non-coding RNA;

1, mRNA; gi|85060516|ref|NM\_199321.2| Homo sapiens zona pellucida binding protein 2 (ZBPB2), tran

: (TRIM71), mRNA;

ssociated factor, 31kDa (TAF9B), mRNA;  
variant d, mRNA; gi|85067502|ref|NM\_001039131.1| Homo sapiens arachidonate 15-lipoxygenase, ty  
ript variant 1, mRNA; gi|85067504|ref|NM\_054026.2| Homo sapiens CCR4-NOT transcription complex,  
ant 2, mRNA; gi|85068544|ref|NM\_004178.4| Homo sapiens TAR (HIV-1) RNA binding protein 2 (TARBF

VA;

4), transcript variant 1, mRNA; gi|85386546|ref|NM\_130841.2| Homo sapiens ATPase, H<sup>+</sup> transporting

2L2), mRNA;

gi|85787632|ref|NM\_130434.3| Homo sapiens dipeptidyl-peptidase 8 (DPP8), transcript variant 1, mRNA; TP6V0D1), mRNA;

1 (ATP6V1B1), mRNA;

ubunit B1 (ATP5F1), nuclear gene encoding mitochondrial protein, mRNA;

ubunit C2 (subunit 9) (ATP5G2), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; mRNA;

NA;

ochondrial protein, transcript variant 1, mRNA; gi|85838515|ref|NM\_153640.2| Homo sapiens pantothenate (MTHFR), transcript variant 1, mRNA; gi|85861244|ref|NM\_032285.2| Homo sapiens methyltransferase 1, mRNA; gi|85861242|ref|NM\_001039199.1| Homo sapiens tocopherol (alpha) transfer protein (SLC25A29), member 29 (SLC25A29), nuclear gene encoding mitochondrial protein, mRNA;

variant 1, mRNA; gi|37700248|ref|NM\_198151.1| Homo sapiens HEPACAM family member 2 (HEPACAM2), mRNA;

RNA;

leolar RNA;

lar RNA;

RNA;

lar RNA;

leolar RNA;

lar RNA;

lar RNA;

lar RNA;

lar RNA;

lar RNA;

RNA;

(ABCC11), transcript variant 1, mRNA; gi|86787825|ref|NM\_145186.2| Homo sapiens ATP-binding cassette

P6V0B), transcript variant 1, mRNA; gi|86792633|ref|NM\_001039457.1| Homo sapiens ATPase, H+ trans-

gi|86792862|ref|NM\_001039350.1| Homo sapiens dipeptidyl-peptidase 6 (DPP6), transcript variant 3, r  
group (CR1), transcript variant S, mRNA; gi|86793035|ref|NM\_000573.3| Homo sapiens complement c  
ntaining 4 (LRCH4), mRNA;

variant 2, mRNA; gi|86990433|ref|NM\_005873.2| Homo sapiens regulator of G-protein signaling 19 (RG

RNA;

ant 2, mRNA; gi|86991437|ref|NM\_001039465.1| Homo sapiens serine/arginine-rich splicing factor 5 (S

, mRNA;

ha-steroid delta 4-dehydrogenase alpha 1) (SRD5A1), mRNA;

mRNA;

variant 1, mRNA; gi|157738676|ref|NM\_001105556.1| Homo sapiens chromosome 1 open reading fra

l), mRNA;

l), mRNA;

2 (ATP6V1B2), mRNA;

2 (ATP6V1C2), transcript variant 1, mRNA; gi|87159813|ref|NM\_144583.3| Homo sapiens ATPase, H+ t

TP6V1E1), transcript variant 1, mRNA; gi|87159817|ref|NM\_001039367.1| Homo sapiens ATPase, H+ t

iant 2, mRNA; gi|87159810|ref|NM\_004357.4| Homo sapiens CD151 molecule (Raph blood group) (CD:

TP6V1G1), mRNA;

A;

itochondrial protein, mRNA;

ncoding mitochondrial protein, mRNA;

merase (TNKS), mRNA;

1), mRNA;

l), mRNA;

i), mRNA;

NA; gi|87298841|ref|NM\_018638.4| Homo sapiens ethanolamine kinase 1 (ETNK1), transcript variant :

mRNA;

NA;

.L1), mRNA;

4, mRNA; gi|87578391|ref|NM\_031845.2| Homo sapiens microtubule-associated protein 2 (MAP2), tr

RNA;

anscript variant 2, mRNA; gi|88501735|ref|NM\_001039550.1| Homo sapiens DnaJ (Hsp40) homolog, si

t 1, mRNA; gi|214830856|ref|NM\_001039141.2| Homo sapiens TRIO and F-actin binding protein (TRIO

042|ref|NM\_021249.3| Homo sapiens sorting nexin 6 (SNX6), transcript variant 1, mRNA;

1S3), mRNA;

member 3 (KCNA3), mRNA;

4;

ant 2, mRNA; gi|88758601|ref|NM\_012407.3| Homo sapiens protein interacting with PRKCA 1 (PICK1), mRNA; gi|88758605|ref|NM\_001039585.1| Homo sapiens prostaglandin F receptor (FP) (PTGFR), trans

ex, antigen CD41) (ITGA2B), mRNA;

2, mRNA; gi|88853060|ref|NM\_001384.4| Homo sapiens DPH2 homolog (*S. cerevisiae*) (DPH2), transcr  
., mRNA; gi|27502372|ref|NM\_172312.1| Homo sapiens sperm associated antigen 8 (SPAG8), transcrip  
'F1), mRNA;

visiae) (IAH1), mRNA;

VA;

anscript variant 2, mRNA; gi|110225352|ref|NM\_001042522.1| Homo sapiens sprouty-related, EVH1 d  
;

900500|ref|NM\_199292.2| Homo sapiens tyrosine hydroxylase (TH), transcript variant 1, mRNA; gi|88  
riant 1, mRNA; gi|88900506|ref|NM\_001039619.1| Homo sapiens protein arginine methyltransferase  
; gi|88999566|ref|NM\_015831.2| Homo sapiens acetylcholinesterase (ACHE), transcript variant E4-E5,  
script variant 2, mRNA; gi|88999570|ref|NM\_014146.3| Homo sapiens linker for activation of T cells fa

88999579|ref|NM\_145897.2| Homo sapiens prefoldin subunit 5 (PFDN5), transcript variant 3, mRNA;

mRNA; gi|88999585|ref|NM\_031942.4| Homo sapiens cell division cycle associated 7 (CDCA7), transcr  
(9), mRNA;

icetylglactosaminide alpha-2,6-sialyltransferase 4 (ST6GALNAC4), transcript variant 1, mRNA; gi|88999  
ot variant 4, mRNA; gi|88999591|ref|NM\_022570.4| Homo sapiens C-type lectin domain family 7, mem  
.NA;

mRNA; gi|88999602|ref|NM\_080745.3| Homo sapiens tripartite motif containing 69 (TRIM69), transcr

'67), mRNA; gi|341914138|ref|XM\_003403704.1| PREDICTED: Homo sapiens chromosome 19 open rea  
cript variant 1, mRNA; gi|89111118|ref|NM\_001039656.1| Homo sapiens metallothionein-like 5, testis  
tor protein (TIRAP), transcript variant 3, mRNA; gi|89111123|ref|NM\_148910.2| Homo sapiens toll-inte  
(ABCC12), mRNA;

'NT8A), mRNA;

1, pseudogene (HSP90AB4P), non-coding RNA;

mRNA;

;

RNA;

(TNFRSF25), transcript variant 12, mRNA; gi|23200022|ref|NM\_148966.1| Homo sapiens tumor necro;  
;

ant 3, mRNA; gi|89242163|ref|NM\_018671.3| Homo sapiens unc-45 homolog A (C. elegans) (UNC45A)

int 1, mRNA; gi|89191854|ref|NM\_178031.2| Homo sapiens transmembrane protein 132A (TMEM132/  
gi|89191860|ref|NM\_000796.3| Homo sapiens dopamine receptor D3 (DRD3), transcript variant a, mRl

PLEKHJ1), mRNA;

nRNA;

nRNA;

5 (NUDT15), mRNA;

mRNA;

), transcript variant 2, mRNA; gi|337298619|ref|NM\_001242729.1| Homo sapiens Rho guanine nucleo

PRC5D), mRNA;

kDa (SNAPC3), mRNA;

LA; gi|21536397|ref|NM\_139314.1| Homo sapiens angiopoietin-like 4 (ANGPTL4), transcript variant 1, r

0|ref|NM\_016157.2| Homo sapiens trophinin (TRO), transcript variant 3, mRNA; gi|29540540|ref|NM.

 $\forall A;$ 

2A1), mRNA;

;

 $\forall A;$ 

transcript variant 2, mRNA; gi|89886476|ref|NM\_013403.2| Homo sapiens striatin, calmodulin binding protein 4  
er 6 (XKR6), transcript variant 2, mRNA;

DKN2C), transcript variant 2, mRNA; gi|17981697|ref|NM\_001262.2| Homo sapiens cyclin-dependent k

i|89903026|ref|NM\_022781.4| Homo sapiens ring finger protein 38 (RNF38), transcript variant 1, mRN



oding RNA;  
n-coding RNA;

NA;  
g D (*S. cerevisiae*) (JHDM1D), mRNA;  
, mRNA;

, transcript variant 2, mRNA; gi|90193587|ref|NM\_001783.3| Homo sapiens CD79a molecule, immuno  
9B), transcript variant 3, mRNA; gi|90193590|ref|NM\_021602.2| Homo sapiens CD79b molecule, immu  
2, mRNA; gi|90193623|ref|NM\_001039938.1| Homo sapiens integrator complex subunit 6 (INTS6), tra

(yeast)-like (TOMM40L), nuclear gene encoding mitochondrial protein, mRNA;  
nber 33 (SLC25A33), nuclear gene encoding mitochondrial protein, mRNA;

icetylgalactosaminide alpha-2,6-sialyltransferase 1 (ST6GALNAC1), mRNA;  
nolog, *Drosophila*); translocated to, 1 (MLLT1), mRNA;  
A;  
inding cassette sub-family C, member 7) (CFTR), mRNA;  
member 8 (SLC4A8), transcript variant 2, mRNA; gi|90403613|ref|NM\_001039960.1| Homo sapiens sol  
tNA;

;

itum-enriched) (PTPN5), transcript variant 3, mRNA; gi|90652858|ref|NM\_006906.1| Homo sapiens pri  
A;  
, transcript variant b, mRNA; gi|90669104|ref|NM\_002287.3| Homo sapiens leukocyte-associated imr  
r 7 (SLC22A7), transcript variant 1, mRNA; gi|90669190|ref|NM\_153320.2| Homo sapiens solute carrie  
variant DLEC1-S3, mRNA; gi|90669193|ref|NM\_007335.2| Homo sapiens deleted in lung and esophaga  
|ref|NM\_033031.2| Homo sapiens cyclin B3 (CCNB3), transcript variant 3, mRNA;

5B), mRNA;  
nRNA;  
transcript variant 1, mRNA;

variant A, mRNA; gi|90855775|ref|NM\_175624.2| Homo sapiens RAB3A interacting protein (rabin3) (R/

RNA; gi|90903237|ref|NM\_001039847.1| Homo sapiens glutathione peroxidase 4 (GPX4), transcript variant 1, mRNA; gi|903244|ref|NM\_001004196.2| Homo sapiens CD200 molecule (CD200), transcript variant 2, mRNA; coding RNA;

, transcript variant 1, mRNA; gi|91105277|ref|NM\_152854.2| Homo sapiens CD40 molecule, TNF receptor 1, mRNA; gi|91105786|ref|NM\_080792.2| Homo sapiens signal-regulatory protein alpha (SIRPA), transcript variant 2, mRNA; gi|148228790|ref|NM\_001098201.1| Homo sapiens G protein-coupled estrogen receptor 1, transcript variant 2, mRNA; gi|1106722|ref|NM\_000560.3| Homo sapiens CD53 molecule (CD53), transcript variant 2, mRNA; gi|91106934|ref|NM\_004067.2| Homo sapiens chimerin (chimaerin) 2 (CHN2), transcript variant 2, P17A1), mRNA;

; mRNA;

homolog, Drosophila) (MLL5), transcript variant 2, mRNA; gi|91199541|ref|NM\_182931.2| Homo sapiens CD68 molecule (CD68), transcript variant 1, mRNA;

A2), mRNA; gi|91206453|ref|NM\_001040057.1| Homo sapiens family with sequence similarity 3A), mRNA; transcript variant 1, mRNA; gi|91208417|ref|NM\_001040006.1| Homo sapiens transcription elongation regulator 1 (PRPF18), mRNA;

(PRPF6), mRNA; (PRPF8), mRNA;

, mRNA;

lar RNA;  
lar RNA;  
RNA;  
lar RNA;  
lar RNA;  
leolar RNA;  
eolar RNA;

lar RNA;  
lar RNA;  
lar RNA;  
lar RNA;  
lar RNA;  
lar RNA;  
lar RNA;  
lar RNA;  
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leolar RNA;  
lar RNA;  
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lar RNA;  
lar RNA;  
lar RNA;  
lar RNA;  
lar RNA;  
lar RNA;  
eolar RNA;  
lar RNA;  
lar RNA;  
718877|ref|NM\_139003.2| Homo sapiens hemochromatosis (HFE), transcript variant 3, mRNA; gi|9171  
VA;  
lar RNA;  
lar RNA;  
lar RNA;  
lar RNA;

7109|ref|NM\_001040031.1| Homo sapiens CD37 molecule (CD37), transcript variant 2, mRNA;  
NA; gi|91807118|ref|NM\_025141.3| Homo sapiens TM2 domain containing 3 (TM2D3), transcript variant 2, mRNA;  
gi|91807123|ref|NM\_014888.2| Homo sapiens family with sequence similar to GNG11, mRNA;  
mRNA;

), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|91823611|ref|NM\_0044  
;

quence (D4S234E), transcript variant 1, mRNA; gi|91932787|ref|NM\_001040101.1| Homo sapiens DNA  
in (OPALIN), transcript variant 2, mRNA; gi|91932792|ref|NM\_001040103.1| Homo sapiens oligodendr

lar RNA;

rase homolog (*S. cerevisiae*) (ALG8), transcript variant 1, mRNA; gi|91984777|ref|NM\_001007027.2| H

|ref|NM\_133499.2| Homo sapiens synapsin I (SYN1), transcript variant 1b, mRNA;

; gi|91992161|ref|NM\_001040108.1| Homo sapiens mutL homolog 3 (*E. coli*) (MLH3), transcript varian

RNA;

ase 1 (B3GNT1), mRNA;

ase 2 (B3GNT2), mRNA;

|ref|NM\_002418.2| Homo sapiens motilin (MLN), transcript variant 1, mRNA; gi|296010791|ref|NM\_0

ript variant SM1B, mRNA; gi|92091582|ref|NM\_001040113.1| Homo sapiens myosin, heavy chain 11,

ase 3 (B3GNT3), mRNA;

l, mRNA;

RNA; gi|92110022|ref|NM\_001040126.1| Homo sapiens PQ loop repeat containing 2 (PQLC2), transcri

), transcript variant 2, mRNA; gi|92373412|ref|NM\_020445.4| Homo sapiens ARP3 actin-related prote  
, mRNA;  
transcript variant 1, mRNA; gi|251823857|ref|NM\_001163034.1| Homo sapiens regulatory associated

lar RNA;  
lar RNA;  
eolar RNA;  
lar RNA;  
utral sphingomyelinase) (SMPD2), mRNA;  
r 7 (SERPINB7), transcript variant 2, mRNA; gi|92859646|ref|NM\_003784.2| Homo sapiens serpin pepti

ia (SNAPC4), mRNA;  
rRNA;

yeast) (TIMM10), nuclear gene encoding mitochondrial protein, mRNA;  
ember 5 (TRPC5), mRNA;

(SNAPC5), mRNA;

tide A) small phosphatase 2 (CTDSP2), mRNA;  
3F1P3), non-coding RNA;

IA;  
variant 2, mRNA; gi|260656029|ref|NM\_001166108.1| Homo sapiens palladin, cytoskeletal associated  
RNA;  
mRNA;

2), mRNA;  
evisiae) (RRN3), mRNA;  
, mRNA;  
pt variant 1, mRNA; gi|93102392|ref|NM\_001040161.1| Homo sapiens chromosome 16 open reading  
mRNA;  
mRNA;  
n (testican) 3 (SPOCK3), transcript variant 2, mRNA; gi|93141002|ref|NM\_001040159.1| Homo sapiens  
sferase (LFNG), transcript variant 2, mRNA; gi|261878555|ref|NM\_001166355.1| Homo sapiens LFNG  
iant 1, mRNA; gi|93141013|ref|NM\_001040098.1| Homo sapiens motile sperm domain containing 3 (M  
mRNA; gi|20336744|ref|NM\_004893.2| Homo sapiens H2A histone family, member Y (H2AFY), transci

28|ref|NM\_001040134.1| Homo sapiens paralemmin (PALM), transcript variant 2, mRNA;

in 1 (PAXIP1), mRNA;  
IA;  
IA;  
mRNA; gi|93141036|ref|NM\_005011.3| Homo sapiens nuclear respiratory factor 1 (NRF1), transcript v

RNA;  
1043|ref|NM\_005816.4| Homo sapiens CD96 molecule (CD96), transcript variant 2, mRNA;

t, mRNA; gi|93141046|ref|NM\_004370.5| Homo sapiens collagen, type XII, alpha 1 (COL12A1), transcr

s 1 (MLC1), transcript variant 2, mRNA; gi|93141206|ref|NM\_015166.3| Homo sapiens megalencephal  
N2A), transcript variant 3, mRNA; gi|93141211|ref|NM\_001040142.1| Homo sapiens sodium channel,  
5 (ST8SIA5), mRNA;

49242|ref|NM\_153693.3| Homo sapiens homeobox C6 (HOXC6), transcript variant 2, mRNA;

ound (XPNPEP2), mRNA;

ase 5 (B3GNT5), mRNA;

ie 1 (EIF3IP1), non-coding RNA;

leolar RNA;

;) (EPG5), mRNA;

e) (MRS2), mRNA;

;

ript variant 1, mRNA; gi|237681068|ref|NM\_001160227.1| Homo sapiens spastic paraplegia 11 (autoso

A;

transcript variant 2, mRNA;

I protein, mRNA;

mRNA;

MBL), mRNA;

L (SLCO6A1), mRNA;

iber 12 (SLC2A12), mRNA;

(MAPK1IP1L), mRNA;

clear gene encoding mitochondrial protein, mRNA;

X6B2), mRNA;  
NA;  
RNA;

28), transcript variant 2, mRNA; gi|93352544|ref|NM\_017833.3| Homo sapiens DnaJ (Hsp40) homolog  
IA;

.N3B), transcript variant 2, mRNA; gi|93587339|ref|NM\_018400.3| Homo sapiens sodium channel, volt  
IA), mRNA;  
nscript variant 5, mRNA; gi|93588490|ref|NM\_001040194.1| Homo sapiens angiotensin II receptor-ass  
t 4, mRNA; gi|93588613|ref|NM\_001040181.1| Homo sapiens claudin domain containing 1 (CLDND1),

3), mRNA;  
lar RNA;

: 2, mRNA; gi|94400920|ref|NM\_173555.2| Homo sapiens trypsin domain containing 1 (TYSND1), trans  
4T11), mRNA;  
1023|ref|NM\_001040280.1| Homo sapiens CD83 molecule (CD83), transcript variant 2, mRNA; gi|3536  
e encoding mitochondrial protein, transcript variant 1, mRNA; gi|94421449|ref|NM\_145330.2| Homo s  
gene encoding mitochondrial protein, mRNA;

gi|297139727|ref|NM\_001184993.1| Homo sapiens ring finger protein 17 (RNF17), transcript variant 2,  
gi|296785057|ref|NM\_001184961.1| Homo sapiens paternally expressed 10 (PEG10), transcript vari

RNA;  
RNA;  
lar RNA;  
IA;  
leolar RNA;  
IA;  
IA;

nRNA;  
ng 4 (*S. cerevisiae*) (DCUN1D4), transcript variant 1, mRNA; gi|94536779|ref|NM\_015115.2| Homo sap

;





tein A, 33kDa (VAPA), transcript variant 1, mRNA; gi|94721251|ref|NM\_194434.2| Homo sapiens VAPA  
variant 2, mRNA; gi|20336275|ref|NM\_022911.2| Homo sapiens solute carrier family 26, member 6 (SLC2

g 9 (TMED9), mRNA;  
RNA;

IER3), mRNA;  
RNA;  
RNA;

RNA;  
RNA;  
lar RNA;

l, transcript variant 1, mRNA; gi|94721337|ref|NM\_001040453.1| Homo sapiens family with sequence

NA;  
RNA; gi|209862840|ref|NM\_001136020.1| Homo sapiens islet cell autoantigen 1, 69kDa (ICA1), mRNA

RNA;  
RNA;  
lar RNA;  
RNA;  
lar RNA;  
mRNA;

variant 2, mRNA; gi|94818789|ref|NM\_001040456.1| Homo sapiens rhomboid domain containing 2 (RHBI

RNA;  
R56A4), mRNA;  
RNA;  
RNA;  
RNA;  
RNA;  
RNA;  
RNA;  
RNA; gi|41281682|ref|NM\_138709.1| Homo sapiens DAB2 interacting protein (DAB2IP), transcript variar  
RNA;

RNA;

lar RNA;  
leolar RNA;

lar RNA;  
lar RNA;  
eolar RNA;  
lar RNA;

, mRNA;

int 3, mRNA; gi|95091874|ref|NM\_013427.2| Homo sapiens Rho GTPase activating protein 6 (ARHGAP  
dogene 1 (CYP2D7P1), non-coding RNA;  
nRNA;

2), non-coding RNA;  
ding RNA;

egans) (RIC8B), mRNA;  
K1), mRNA;  
nRNA;

;  
'AHC), mRNA;  
VA;

ing, beta (SGTB), mRNA;  
ber 3 (APBB3), transcript variant 1, mRNA; gi|95147535|ref|NM\_133172.2| Homo sapiens amyloid bet  
encoding mitochondrial protein, mRNA;

'AHA), mRNA;  
ia-butYRObetaine hydroxylase) 1 (BBOX1), mRNA;

RNA;

nuclear gene encoding mitochondrial protein, mRNA;

lar RNA;  
RNA;  
lar RNA;  
lar RNA;  
RNA;  
RNA;  
lar RNA;  
lar RNA;  
RNA;  
RNA;  
RNA;  
lar RNA;  
lar RNA;  
, mRNA;  
t variant 1, mRNA; gi|96975134|ref|NM\_130781.2| Homo sapiens RAB24, member RAS oncogene fam  
RNA;

-coding RNA;

lar RNA;  
lar RNA;  
RNA;  
lar RNA;

gi|217035098|ref|NM\_001040653.2| Homo sapiens ZXD family zinc finger C (ZXDC), transcript variant :  
, transcript variant 1, mRNA; gi|98961136|ref|NM\_017569.3| Homo sapiens family with sequence sim

variant 6, mRNA; gi|98961142|ref|NM\_001040655.1| Homo sapiens tetratricopeptide repeat domain 2  
RNA;  
i780|ref|NM\_177989.2| Homo sapiens actin-like 6A (ACTL6A), transcript variant 2, mRNA; gi|98985781  
gi|98985782|ref|NM\_001040624.1| Homo sapiens neurocalcin delta (NCALD), transcript variant 1, mRN  
ript variant 2, mRNA; gi|98985799|ref|NM\_000732.4| Homo sapiens CD3d molecule, delta (CD3-TCR c

RNA; gi|299523256|ref|NM\_001190709.1| Homo sapiens collagen, type XI, alpha 1 (COL11A1), transcr  
1 (NUDT4), transcript variant 2, mRNA; gi|98985815|ref|NM\_019094.4| Homo sapiens nudix (nucleosid  
RNA; gi|98985820|ref|NM\_001572.3| Homo sapiens interferon regulatory factor 7 (IRF7), transcript va

ariant 1, mRNA; gi|98985829|ref|NM\_021777.3| Homo sapiens ADAM metallopeptidase domain 28 (AI

-coding RNA;

., mRNA; gi|98986332|ref|NM\_001040662.1| Homo sapiens methyltransferase like 21D (METTL21D), ti

mRNA;  
(CEACAM5), mRNA;

;

1.5kDa (UQCRCQ), nuclear gene encoding mitochondrial protein, mRNA;  
MED10), mRNA;  
mRNA; gi|98991764|ref|NM\_145762.2| Homo sapiens GDNF family receptor alpha 4 (GFRA4), transcrip  
tase 3), mRNA;

coagulation inhibitor) (TFPI), transcript variant 2, mRNA; gi|98991770|ref|NM\_006287.4| Homo sapiens  
nuclear gene encoding mitochondrial protein, mRNA;

;

A;  
in, secreted, (semaphorin) 3G (SEMA3G), mRNA;  
A-2, mRNA; gi|7656842|ref|NM\_014449.1| Homo sapiens G protein-coupled receptor 162 (GPR162), tr

RNA;

ipt variant 1, mRNA;

arrier family 29 (nucleoside transporters), member 4 (SLC29A4), transcript variant 1, mRNA;

i kinase, AMP-activated, gamma 2 non-catalytic subunit (PRKAG2), transcript variant b, mRNA; gi|10091

ein antigens 135/155kDa (INCENP), transcript variant 1, mRNA;

e dehydrogenase domains (UEVLD), transcript variant 2, mRNA;

(alpha (1,3) fucosyltransferase) (FUT6), transcript variant 2, mRNA;

e, receptor type, S (PTPRS), transcript variant 4, mRNA; gi|104487294|ref|NM\_130853.2| Homo sapiens

ER1), transcript variant 1, mRNA; gi|291327492|ref|NM\_001174065.1| Homo sapiens fibroblast growth

factor protein, mRNA;

ER1 protein, mRNA;

ER1 related with YRPW motif 1 (HEY1), transcript variant 2, mRNA;

Pyruvate carboxylase (PC), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|106045

Family 110, member A (FAM110A), transcript variant 3, mRNA; gi|108389007|ref|NM\_031424.4| Homo

sapiens

Homo sapiens ATP-binding cassette, sub-family C (CFTR/MRP), member 13, pseudogene (ABCC13), transcript variant 1, mRNA; Homo sapiens ATP-binding cassette, sub-family E (OABP), member 1 (ABCE1), transcript variant 2, mRNA;

38kDa (RFC3), transcript variant 1, mRNA;

2), transcript variant 3, mRNA; gi|108773790|ref|NM\_198229.2| Homo sapiens regulator of G-protein signalling 1 (G6PD), transcript variant 2, mRNA;

G-protein gamma subunit 1 (RALGDS), transcript variant 1, mRNA;

Regulatory subunit 1 (PPP4R1), transcript variant 2, mRNA;

Transcript variant 3, mRNA; gi|111120330|ref|NM\_016018.4| Homo sapiens PHD finger protein 20-like 1 (PHF20L1), transcript variant 1, mRNA;

Protein 5 (BTK-associated) (SH3BP5), transcript variant 1, mRNA; DC41), transcript variant 1, mRNA;

Inositol phosphatase, non-receptor type 20A (PTPN20A), transcript variant 10, mRNA; gi|109138568|ref|NM\_001122201.1| Inositol phosphatase, non-receptor type 20B (PTPN20B), transcript variant 2, mRNA; gi|109633037|ref|NM\_001122201.1| Inositol phosphatase, non-receptor type 20B (PTPN20B), transcript variant SR-A11, mRNA; gi|109148504|ref|NM\_138715.2| Homo sapiens macrophage scavenger receptor binding 1 (OTUB1), transcript variant 2, non-coding RNA;

(E. coli) (ALKBH6), transcript variant 1, mRNA; (E. coli) (ALKBH6), transcript variant 2, mRNA;

n (MOBP), non-coding RNA;

l-3-methylglutaryl-CoA lyase-like 1 (HMGCLL1), transcript variant 1, mRNA;

zinc finger domain containing 1 (ANKZF1), transcript variant 1, mRNA;

ant 2, mRNA; gi|109240543|ref|NM\_001042416.1| Homo sapiens zinc finger protein 596 (ZNF596), tra

(RUFY2), transcript variant 2, mRNA;

), transcript variant alpha, mRNA; gi|109255231|ref|NM\_001042405.1| Homo sapiens centrosomal pro

nscript variant 4, mRNA; gi|109255237|ref|NM\_025180.3| Homo sapiens centrosomal protein 63kDa (

sapiens transcription factor AP-2 alpha (activating enhancer binding protein 2 alpha) (TFAP2A), transcript

imilarity 98, member B (FAM98B), transcript variant 1, mRNA;

ant 1, mRNA;

ng frame 53 (C10orf53), transcript variant 2, mRNA;

g 1C (ZC2HC1C), transcript variant 2, mRNA;

ember 3 (BPIFA3), transcript variant 2, mRNA;

andidate 1 (WHSC1), transcript variant 10, mRNA; gi|6594682|ref|NM\_007331.1| Homo sapiens Wolf-Hi

addressin cell adhesion molecule 1 (MADCAM1), transcript variant 1, mRNA;

AST4 (MST4), transcript variant 1, mRNA; gi|109633025|ref|NM\_001042452.1| Homo sapiens serine/th

e, receptor type, F (PTPRF), transcript variant 1, mRNA;

le alpha-2,3-sialyltransferase 5 (ST3GAL5), transcript variant 2, mRNA;

mor syndrome) (CYLD), transcript variant 2, mRNA; gi|109637772|ref|NM\_015247.2| Homo sapiens cy

: 1, mRNA;

nt 2, mRNA;



gi|109638756|ref|NR\_003095.1| Homo sapiens E2F transcription factor 6 (E2F6), transcript variant e, n

solute carrier family 5 (sodium/glucose cotransporter), member 10 (SLC5A10), transcript variant 1, mRNA

ILIP1L), transcript variant 3, mRNA; gi|109659848|ref|NM\_014890.2| Homo sapiens filamin A interacti

transcript variant 1, mRNA;

109689710|ref|NM\_018530.2| Homo sapiens gasdermin B (GSDMB), transcript variant 2, mRNA; gi|26

atase with tensin homology (TPTE), transcript variant 2, mRNA; gi|109689706|ref|NM\_199261.2| Hom

plex 5 (TRAPPC5), transcript variant 3, mRNA; gi|109698596|ref|NM\_001042461.1| Homo sapiens traffi  
, transcript variant 1, mRNA;

ant 2, mRNA;

protein 1 (AJAP1), transcript variant 2, mRNA;

5L), transcript variant 3, mRNA; gi|295842356|ref|NM\_001042475.2| Homo sapiens centrosomal prote

at stable protein 1, 24kDa (CARHSP1), transcript variant 2, mRNA;

associated protein 8 (GEMIN8), transcript variant 3, mRNA; gi|109715863|ref|NM\_001042479.1| Hom  
cript variant 1, mRNA;

in family, member 7 (LARP7), transcript variant 2, mRNA;

onal regulator, 1 (NUPR1), transcript variant 2, mRNA;

3 frame 162 (C6orf162), transcript variant 1, mRNA;

iens solute carrier family 12 (potassium/chloride transporters), member 6 (SLC12A6), transcript variant :

glycan anchor biosynthesis, class F (PIGF), transcript variant 2, mRNA;

|ref|NM\_001042466.1| Homo sapiens prosaposin (PSAP), transcript variant 3, mRNA;

a) (DIAPH3), transcript variant 1, mRNA;

Homo sapiens serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 9 (SERP

VSC), transcript variant 1, mRNA;

variant 3, mRNA; gi|110227592|ref|NM\_016096.3| Homo sapiens zinc finger protein 706 (ZNF706), tra  
NA;

with GTPase domain, ankyrin repeat and PH domain 3 (AGAP3), transcript variant 2, mRNA;

script variant 1, mRNA; gi|110227620|ref|NM\_153182.2| Homo sapiens MYC induced nuclear antigen

nRNA;

script variant 2, mRNA;

receptor substrate 2 (FRS2), transcript variant 1, mRNA;  
chromosome 2 (SMC2), transcript variant 1, mRNA; gi|110347417|ref|NM\_006444.2| Homo sapiens

transforming growth factor beta binding protein 4 (LTBP4), transcript variant 3, mRNA; gi|110347411|ref|N

variant 2, mRNA;

: 1, mRNA;

MYC-associated zinc finger protein (purine-binding transcription factor) (MAZ), transcript variant 1, mRNA/

NA;

in subunit 2, 20kDa (NCBP2), transcript variant 1, mRNA;  
protein variant 1, mRNA;

ORF88 (C2orf88), transcript variant 1, mRNA; gi|110349741|ref|NM\_032321.2| Homo sapiens chr

regulation protein zeta 2 (zygine II) (FEZ2), transcript variant 2, mRNA;

NSL1, MIND kinetochore complex component, homolog (S. cerevisiae) (NSL1), transcript variant 2, mRNA;

RNA;

2, non-coding RNA;

coactivator 3 (CRTC3), transcript variant 1, mRNA;

phosphate diphosphohydrolase 8 (ENTPD8), transcript variant 1, mRNA;

3), transcript variant 2, mRNA; gi|110556650|ref|NM\_016446.3| Homo sapiens transmembrane protein

peptide receptor 2 (RXFP2), transcript variant 2, mRNA;

sapiens mitochondrial ribosomal protein S12 (MRPS12), nuclear gene encoding mitochondrial protein,

etochore associated, homolog (Drosophila) (ZWILCH), transcript variant 1, mRNA;

511150|ref|NM\_001042588.1| Homo sapiens snurportin 1 (SNUPN), transcript variant 3, mRNA;

metallopeptidase with thrombospondin type 1 motif, 14 (ADAMTS14), transcript variant 1, mRNA;

rotein 1 homolog 180kDa (dog) (RRBP1), transcript variant 1, mRNA;

script variant 1, mRNA;

n voltage-gated channel, KQT-like subfamily, member 2 (KCNQ2), transcript variant 3, mRNA; gi|260512

vated protein kinase kinase kinase 1 (MAP4K1), transcript variant 2, mRNA;

io sapiens mitochondrial ribosomal protein L39 (MRPL39), nuclear gene encoding mitochondrial protein,

protein band 4.1 like 4B (EPB41L4B), transcript variant 1, mRNA;  
: 2, mRNA;

res 1 homolog (*S. pombe*) (POT1), transcript variant 2, non-coding RNA; gi|110671312|ref|NR\_003103.

UNX3), transcript variant 2, mRNA;  
gi|194306558|ref|NM\_001130107.1| Homo sapiens kinesin light chain 1 (KLC1), transcript variant 3, mF

iens v-erb-a erythroblastic leukemia viral oncogene homolog 4 (avian) (ERBB4), transcript variant JM-a/  
!), transcript variant 2, mRNA;

ig cassette, sub-family C (CFTR/MRP), member 9 (ABCC9), transcript variant SUR2A, mRNA;

VGDN), transcript variant 1, mRNA;

cine-N-acyltransferase (GLYAT), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA;

1 (TRAK1), transcript variant 2, mRNA;

), transcript variant 2, mRNA; gi|111118960|ref|NM\_001042633.1| Homo sapiens sorting nexin family 1

variant 3, mRNA; gi|111118971|ref|NM\_080681.2| Homo sapiens collagen, type XI, alpha 2 (COL11A2)

variant 1, mRNA;

in reductase (FDXR), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA;

), transcript variant 1, mRNA; gi|111118989|ref|NM\_033304.2| Homo sapiens adrenergic, alpha-1A-, receptor

or Tu GTP binding domain containing 1 (EFTUD1), transcript variant 2, mRNA;

ciated protein 1 (TRNAU1AP), transcript variant 2, non-coding RNA;

RNA;

o sapiens pleckstrin homology domain containing, family G (with RhoGef domain) member 5 (PLEKHG5)

(ARHGAP24), transcript variant 3, mRNA; gi|111154091|ref|NM\_001025616.2| Homo sapiens Rho GTPase

ne kinase (MATK), transcript variant 1, mRNA; gi|111159471|ref|NM\_139354.2| Homo sapiens megakaryocyte

variant 2, mRNA;

family domain containing 12 (MFSD12), transcript variant 3, mRNA; gi|111378394|ref|NM\_001042680

001042616.1| Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class Y (PIGY), nuclear gen

), transcript variant 3, mRNA; gi|111494249|ref|NM\_175744.4| Homo sapiens ras homolog family men

ning 7 (ZSWIM7), transcript variant 1, mRNA;

2, mRNA;

g 8 homolog (S. cerevisiae) (VPS8), transcript variant 2, mRNA;

tivating protein 2 (SRGAP2), transcript variant 1, mRNA; gi|282165720|ref|NM\_001170637.1| Homo sa

ette, sub-family B (MDR/TAP), member 4 (ABCB4), transcript variant C, mRNA; gi|112380626|ref|NM\_1

revisiae) (SEC24B), transcript variant 1, mRNA;

ive Ka (CLCNKA), transcript variant 2, mRNA; gi|380420339|ref|NM\_001257139.1| Homo sapiens chlor

ptide (RE) repeats (RERE), transcript variant 1, mRNA; gi|112382225|ref|NM\_001042682.1| Homo sapi

ant 2, mRNA; gi|112382227|ref|NM\_031862.2| Homo sapiens neighbor of BRCA1 gene 1 (NBR1), transc

tein (SYNM), transcript variant B, mRNA;

ner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog (FGR), transcript variant 3, mRNA; gi|112382

N1), transcript variant 1, mRNA;

family K, member 17 (KCNK17), transcript variant 2, mRNA;

gi|112789529|ref|NM\_001042751.1| Homo sapiens stromal antigen 2 (STAG2), transcript variant 3, i  
rus receptor-related 2 (herpesvirus entry mediator B) (PVRL2), transcript variant delta, mRNA;

rosine kinase (LCK), transcript variant 2, mRNA;

nt 1, mRNA;

: variant short, mRNA;

tein 16 (IFI16), transcript variant 1, mRNA;



ein, 2 (TP53BP2), transcript variant 1, mRNA;

ng frame 43 (C14orf43), transcript variant 2, mRNA;

i kinase alpha (DMPK-like) (CDC42BPA), transcript variant A, mRNA;

anscript variant 2, mRNA;

variant 2, mRNA;

ant 1, mRNA; gi|113205080|ref|NM\_001044387.1| Homo sapiens zinc finger protein 557 (ZNF557), tra

729175 (LOC729175), mRNA;

728065 (LOC728065), mRNA;

script variant 2, mRNA; gi|113462009|ref|NM\_001044723.1| Homo sapiens casein kinase 1, gamma 3 (

07.3| Homo sapiens malonyl CoA:ACP acyltransferase (mitochondrial) (MCAT), nuclear gene encoding m

script variant 2, non-coding RNA;

complex 3, mu 1 subunit (AP3M1), transcript variant 1, mRNA;  
ET1), transcript variant 1, mRNA;

), transcript variant 2, mRNA;  
4155138|ref|NM\_153649.3| Homo sapiens tropomyosin 3 (TPM3), transcript variant 2, mRNA; gi|1141

41 homolog (S. cerevisiae) (VPS41), transcript variant 2, mRNA;

00.2| Homo sapiens neural precursor cell expressed, developmentally down-regulated 4, E3 ubiquitin p

rotein kinase 3 (HIPK3), transcript variant 1, mRNA;

ript variant 2, mRNA;  
) (PHC2), transcript variant 2, mRNA;  
ript variant alpha1, mRNA; gi|190358496|ref|NM\_001128425.1| Homo sapiens mutY homolog (E. coli)

variant 1, mRNA;

ariant 2, mRNA;

BP1-like) (ARID4A), transcript variant 1, mRNA; gi|115334678|ref|NM\_023001.2| Homo sapiens AT rich

ranscript variant 2, mRNA;

ie, receptor type, C (PTPRC), transcript variant 4, mRNA; gi|115385973|ref|NM\_080921.2| Homo sapie  
factor (S. cerevisiae) (SYF2), transcript variant 1, mRNA;

G3 ATPase family gene 3-like 1 (*S. cerevisiae*), pseudogene (AFG3L1P), transcript variant 3, non-coding R

alGDS/AF-6) domain family member 5 (RASSF5), transcript variant 1, mRNA; gi|115430207|ref|NM\_18:

l (PHACTR4), transcript variant 2, mRNA;

3 frame 116 (C9orf116), transcript variant 1, mRNA;

mRNA;

D and ring finger domains 1 (UHRF1), transcript variant 1, mRNA;

(SPTBN4), transcript variant sigma1, mRNA;

ariant A, mRNA;

ranscript variant 1, mRNA;

' 39 (zinc transporter), member 4 (SLC39A4), transcript variant 1, mRNA;

4, 24kDa (PXMP4), transcript variant 1, mRNA;  
in 3 (SSBP3), transcript variant 2, mRNA; gi|58218979|ref|NM\_145716.2| Homo sapiens single stranded

pt variant 2C2a, mRNA; gi|115527061|ref|NM\_001849.3| Homo sapiens collagen, type VI, alpha 2 (COL

rotein 1 (SKAP1), transcript variant 2, mRNA;  
int 2, mRNA;

al, fast (MYL1), transcript variant 1f, mRNA;

rd ubiquitin-like domain containing 2 (TMUB2), transcript variant 2, mRNA; gi|115527089|ref|NM\_001

1BP1), transcript variant 1, mRNA;

10 (non-protein coding) (SNHG10), non-coding RNA;

e similarity 107, member A (FAM107A), transcript variant 2, mRNA;

mRNA;

D1L2), transcript variant 1, mRNA;

nt 3B, mRNA; gi|116008191|ref|NM\_053025.3| Homo sapiens myosin light chain kinase (MYLK), transc

er protein 2 (CLIP2), transcript variant 1, mRNA;

on cycle 14 homolog B (*S. cerevisiae*) (CDC14B), transcript variant 3, mRNA; gi|116008452|ref|NM\_003

variant 2, mRNA;

elated 9 homolog A (*S. cerevisiae*) (ATG9A), transcript variant 1, mRNA;  
ant 1, mRNA;

utamine/lysine-rich protein 1 (SREK1), transcript variant 2, mRNA;

7 (SENP7), transcript variant 2, mRNA;

iant 1, mRNA;

er 45 (SLC25A45), transcript variant 1, mRNA;

ariant 2, mRNA; gi|291167756|ref|NM\_001173531.1| Homo sapiens POU class 5 homeobox 1 (POU5F1

E), transcript variant 2b, mRNA; gi|116256330|ref|NM\_007288.2| Homo sapiens membrane metallo-ei  
pt variant 2, mRNA;  
variant 1, mRNA;

per-activated receptor gamma (PPARG), transcript variant 2, mRNA; gi|116284369|ref|NM\_138712.3| Homo sapiens

receptor 1 (GPBAR1), transcript variant 2, mRNA; gi|116284383|ref|NM\_001077191.1| Homo sapiens G protein-coupled

AMPA 4 (GRIA4), transcript variant 5, non-coding RNA; gi|164419733|ref|NM\_000829.3| Homo sapiens

myosin heavy chain 14 (MYH14), transcript variant 2, mRNA; gi|224831240|ref|NM\_001145809.1| Homo sapiens myosin, heavy chain 14

WIPF1 protein family, member 1 (WIPF1), transcript variant 1, mRNA;

transcript variant 1, mRNA;

NTNAP4), transcript variant 2, mRNA;

ORF25 (C18orf25), transcript variant 2, mRNA;

serine threonine phosphatase 2 (HS6ST2), transcript variant 5, mRNA;



ipt variant 3, mRNA; gi|116536084|ref|NM\_016953.3| Homo sapiens phosphodiesterase 11A (PDE11A)

ranscript variant 1, mRNA; gi|165905586|ref|NR\_004858.1| Homo sapiens protein O-fucosyltransferas  
cificity tyrosine-(Y)-phosphorylation regulated kinase 1A (DYRK1A), transcript variant 3, mRNA; gi|1167:  
ogen in breast cancer 1 (GREB1), transcript variant a, mRNA; gi|116734677|ref|NM\_033090.2| Homo s:  
V231), transcript variant 3, mRNA; gi|116734684|ref|NM\_001077418.1| Homo sapiens transmembran  
variant 2, mRNA; gi|116734680|ref|NM\_145345.2| Homo sapiens UBX domain protein 11 (UBXN11), tr  
!B), transcript variant 2, mRNA;  
ranscript variant 2, mRNA; gi|116734697|ref|NM\_001077352.1| Homo sapiens RNA binding motif prot  
factor 2 binding protein 2 (IRF2BP2), transcript variant 1, mRNA;

1), transcript variant 1, mRNA;

IA5), transcript variant 2, mRNA; gi|188536093|ref|NM\_001127454.1| Homo sapiens deafness, autoso  
ucosidase, 4-alpha-glucanotransferase (AGL), transcript variant 6, mRNA; gi|116734848|ref|NM\_00064

factor VII (serum prothrombin conversion accelerator) (F7), transcript variant 2, mRNA;  
n (RalGDS/AF-6) domain family member 1 (RASSF1), transcript variant H, mRNA; gi|169403948|ref|NM  
: variant 1, mRNA;

idens 1) (TJP1), transcript variant 2, mRNA;

ydrofolate synthetase domain containing (MTHFSD), transcript variant 6, non-coding RNA; gi|226823323  
ynthetase (PPCS), transcript variant 1, mRNA;

3), transcript variant 2, mRNA;  
1 (SLC38A1), transcript variant 2, mRNA;

nuclear ribonucleoprotein C (C1/C2) (HNRNPC), transcript variant 1, mRNA; gi|117190191|ref|NM\_001010101.1| Homo sapiens DPH5 homolog (S. cerevisiae), transcript variant 2, mRNA; gi|117190325|ref|NM\_001077394.1| Homo sapiens DPH5 homolog (S. cerevisiae), transcript variant 1, mRNA;

190398|ref|NM\_033480.2| Homo sapiens F-box protein 9 (FBXO9), transcript variant 2, mRNA;

transient receptor potential cation channel, subfamily V, member 1 (TRPV1), transcript variant 3, mRNA; gi|117190191|ref|NM\_001010101.1| Homo sapiens DPH5 homolog (S. cerevisiae), transcript variant 2, mRNA; gi|117190325|ref|NM\_001077394.1| Homo sapiens DPH5 homolog (S. cerevisiae), transcript variant 1, mRNA;

proteinase C) (PRCP), transcript variant 1, mRNA; gi|117306175|ref|NM\_001077492.1| Homo sapiens kallikrein-related peptidase 17 (KLK17), transcript variant 2, mRNA; gi|117306175|ref|NM\_001077492.1| Homo sapiens kallikrein-related peptidase 17 (KLK17), transcript variant 2, mRNA; gi|117306175|ref|NM\_001077492.1| Homo sapiens kallikrein-related peptidase 17 (KLK17), transcript variant 2, mRNA;

Homo sapiens nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 (p49/p100) (NFKB2), transcript variant 2, mRNA;

transcript variant 2, mRNA;

transcript variant 3, mRNA; gi|117422431|ref|NM\_002776.4| Homo sapiens kallikrein-related peptidase 17 (KLK17), transcript variant 2, mRNA; gi|117422431|ref|NM\_002776.4| Homo sapiens kallikrein-related peptidase 17 (KLK17), transcript variant 2, mRNA;

MAPK8IP2), transcript variant 2, mRNA; gi|117422431|ref|NM\_002776.4| Homo sapiens kallikrein-related peptidase 17 (KLK17), transcript variant 2, mRNA; gi|117422431|ref|NM\_002776.4| Homo sapiens kallikrein-related peptidase 17 (KLK17), transcript variant 2, mRNA;

teins complex 3, delta 1 subunit (AP3D1), transcript variant 2, mRNA; gi|117422431|ref|NM\_002776.4| Homo sapiens kallikrein-related peptidase 17 (KLK17), transcript variant 2, mRNA; gi|117422431|ref|NM\_002776.4| Homo sapiens kallikrein-related peptidase 17 (KLK17), transcript variant 2, mRNA;

family 39 (zinc transporter), member 7 (SLC39A7), transcript variant 2, mRNA; gi|117422431|ref|NM\_002776.4| Homo sapiens kallikrein-related peptidase 17 (KLK17), transcript variant 2, mRNA; gi|117422431|ref|NM\_002776.4| Homo sapiens kallikrein-related peptidase 17 (KLK17), transcript variant 2, mRNA;

SLC24A1), transcript variant 2, mRNA; gi|117422431|ref|NM\_002776.4| Homo sapiens kallikrein-related peptidase 17 (KLK17), transcript variant 2, mRNA; gi|117422431|ref|NM\_002776.4| Homo sapiens kallikrein-related peptidase 17 (KLK17), transcript variant 2, mRNA;

Homo sapiens solute carrier family 24 (sodium/potassium/calcium exchanger), member 1 (SLC24A1), transcript variant 2, mRNA; gi|117422431|ref|NM\_002776.4| Homo sapiens kallikrein-related peptidase 17 (KLK17), transcript variant 2, mRNA; gi|117422431|ref|NM\_002776.4| Homo sapiens kallikrein-related peptidase 17 (KLK17), transcript variant 2, mRNA;

PSD3), transcript variant 1, mRNA; gi|117422431|ref|NM\_002776.4| Homo sapiens kallikrein-related peptidase 17 (KLK17), transcript variant 2, mRNA; gi|117422431|ref|NM\_002776.4| Homo sapiens kallikrein-related peptidase 17 (KLK17), transcript variant 2, mRNA;

PPB), transcript variant 2, mRNA; gi|117422431|ref|NM\_002776.4| Homo sapiens kallikrein-related peptidase 17 (KLK17), transcript variant 2, mRNA; gi|117422431|ref|NM\_002776.4| Homo sapiens kallikrein-related peptidase 17 (KLK17), transcript variant 2, mRNA;

similarity 55, member D (FAM55D), transcript variant 2, mRNA;  
alpha-induced protein 8 (TNFAIP8), transcript variant 2, mRNA;

in factor 1 (BCLAF1), transcript variant 3, mRNA; gi|117938252|ref|NM\_014739.2| Homo sapiens BCL2-  
script variant delta, mRNA; gi|117938263|ref|NM\_001077506.1| Homo sapiens tachykinin 4 (hemokini

mRNA;

mRNA; gi|318037496|ref|NM\_001077489.2| Homo sapiens GNAS complex locus (GNAS), transcript varia

variant 2, mRNA;  
sapiens upregulator of cell proliferation (URGCP), nuclear gene encoding mitochondrial protein, transcrip  
=2, NDC80 kinetochore complex component, homolog (S. cerevisiae) (NUF2), transcript variant 2, mRNA  
/I-like) (ARID1A), transcript variant 1, mRNA;  
script variant 1, mRNA;

91.1| Homo sapiens asparagine-linked glycosylation 9, alpha-1,2-mannosyltransferase homolog (S. cere

BP1-like) (ARID4B), transcript variant 1, mRNA; gi|332164767|ref|NM\_001206794.1| Homo sapiens AT

'), transcript variant 2, mRNA;

log (*S. cerevisiae*) (CDC16), transcript variant 2, mRNA;

14), transcript variant 1, mRNA; gi|118403323|ref|NM\_001078651.1| Homo sapiens transmembrane protein 14, transcript variant 1, mRNA;  
DNA binding protein 2 (CHD2), transcript variant 1, mRNA;

, transcript variant 3, mRNA;

iant 1, mRNA;

i complex 4 (COG4), transcript variant 2, mRNA;

ipt variant 2, mRNA; gi|118498367|ref|NM\_004986.2| Homo sapiens kinectin 1 (kinesin receptor) (KTN1), antagonist of beta-catenin, homolog 1 (Xenopus laevis) (DACT1), transcript variant 1, mRNA; gi|37383122|ref|AF040001.1| Drosophila melanogaster Dactin-1 (Dactin-1), protein sequence similarity 177, member A1 (FAM177A1), transcript variant 2, mRNA;

, transcript variant 1, mRNA;

ariant 3, mRNA; gi|118572581|ref|NM\_001003652.2| Homo sapiens SMAD family member 2 (SMAD2),

58|ref|NM\_004955.2| Homo sapiens solute carrier family 29 (nucleoside transporters), member 1 (SLC

transcript variant 2, mRNA;

complex 6B (TRAPPC6B), transcript variant 1, mRNA;

ant 1, mRNA;

: 1, mRNA;

rane and tetratricopeptide repeat containing 4 (TMTC4), transcript variant 1, mRNA;

L), transcript variant 2, mRNA;  
ontaining 3A (FNDC3A), transcript variant 2, mRNA;  
nuclear envelope 2 (SYNE2), transcript variant 5, mRNA; gi|118918401|ref|NM\_182913.2| Homo sapiens

teractor (SHARPIN), transcript variant 2, non-coding RNA;

l20887|ref|NM\_001079684.1| Homo sapiens KIAA1191 (KIAA1191), transcript variant 2, mRNA;

l), transcript variant 1, mRNA;

8|ref|NM\_001079525.1| Homo sapiens phosphoribosylaminoimidazole carboxylase, phosphoribosylan

:transcript variant 2, mRNA;

none receptor 2 (MCHR2), transcript variant 1, mRNA;  
KZF2), transcript variant 1, mRNA;

-spanning 4-domains, subfamily A, member 14 (MS4A14), transcript variant 2, mRNA;  
'2L1), transcript variant 2, mRNA;  
containing 2 (C2CD2), transcript variant 1, mRNA;

mRNA; gi|119372311|ref|NM\_001079811.1| Homo sapiens galactosidase, beta 1 (GLB1), transcript vari

sity lipoprotein (lectin-like) receptor 1 (OLR1), transcript variant 3, mRNA; gi|290654341|ref|NM\_00117

s inhibitory protein, transcript variant 2 (NAIP), mRNA; gi|341916268|ref|XM\_003403390.1| PREDICTE  
ing 1 (NLRP1), transcript variant 5, mRNA; gi|119393879|ref|NM\_033006.3| Homo sapiens NLR family,

transcript variant 1, mRNA;

1, mRNA; gi|119393894|ref|NM\_001079804.1| Homo sapiens glucosidase, alpha; acid (GAA), transcript

NM\_001079802.1| Homo sapiens fukutin (FKTN), transcript variant 1, mRNA;

yadenylation element binding protein 1 (CPEB1), transcript variant 4, mRNA; gi|119395721|ref|NM\_00

scription factor (BPTF), transcript variant 2, mRNA;

LCN1), transcript variant 2, non-coding RNA;

a)-related kinase 3 (NEK3), transcript variant 2, mRNA; gi|225735567|ref|NR\_027415.1| Homo sapien

al pair apparatus protein (HYDIN), transcript variant 4, mRNA; gi|309747093|ref|NM\_017558.3| Homo



NA;

t 1, mRNA;  
ansporter (CTNS), transcript variant 1, mRNA;  
37), transcript variant 2, mRNA;

092|ref|NM\_001079855.1| Homo sapiens glycogenin 2 (GYG2), transcript variant 1, mRNA; gi|296040

CS1-like (*S. cerevisiae*) (BCS1L), nuclear gene encoding mitochondrial protein, transcript variant 3, mRNA;

'1), transcript variant 3, mRNA; gi|120431737|ref|NM\_177977.2| Homo sapiens huntingtin-associated  
ange factor (VAV3), transcript variant 1, mRNA;

alpha 3 (CNGA3), transcript variant 1, mRNA;

RNA; gi|120659786|ref|NM\_001079882.1| Homo sapiens protein kinase D2 (PRKD2), transcript varian

nsript variant 2, mRNA;

ranscript variant 3, mRNA; gi|121114289|ref|NM\_001079867.1| Homo sapiens peroxisomal biogenesi

lated cysteine peptidase (CASP8), transcript variant G, mRNA; gi|122056472|ref|NM\_033358.3| Homo

t 3, mRNA; gi|122056615|ref|NM\_007078.2| Homo sapiens LIM domain binding 3 (LDB3), transcript va  
:2056624|ref|NM\_001080122.1| Homo sapiens prion protein (PRNP), transcript variant 4, mRNA; gi|12



script variant 3, mRNA; gi|122939145|ref|NM\_032049.2| Homo sapiens angiotensin II receptor, type 1 (ARHGAP9), transcript variant 2, mRNA; gi|122939146|ref|NM\_032496.2| Homo sapiens Rho GTPase ;  
omo sapiens nicotinamide nucleotide transhydrogenase (NNT), nuclear gene encoding mitochondrial pro

IA5), transcript variant B, mRNA;

ikDa (GJC1), transcript variant 1, mRNA;  
ens sterol-C5-desaturase (ERG3 delta-5-desaturase homolog, *S. cerevisiae*)-like (SC5DL), transcript varia  
t 2, mRNA; gi|122939203|ref|NM\_152410.2| Homo sapiens PARK2 co-regulated (PACRG), transcript va

nt 2, mRNA;  
ame 84 (C9orf84), transcript variant 1, mRNA;  
n focus forming virus (SFFV) proviral integration oncogene spi1 (SPI1), transcript variant 2, mRNA;

NM\_001165921.1| Homo sapiens serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, pigment epit  
script variant a, mRNA; gi|12408664|ref|NM\_022440.1| Homo sapiens mal, T-cell differentiation protei  
sapiens killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 4 (KIR2DL4), transc

g frame 57 (C15orf57), transcript variant 2, mRNA; gi|124248540|ref|NM\_001080791.1| Homo sapiens

a (DGKG), transcript variant 1, mRNA; gi|124256481|ref|NM\_001080745.1| Homo sapiens diacylglycer  
elated 16-like 1 (*S. cerevisiae*) (ATG16L1), transcript variant 4, mRNA; gi|124256479|ref|NM\_030803.6

se 2, regulatory subunit A, beta (PPP2R1B), transcript variant 5, mRNA; gi|294774573|ref|NM\_001177!

ic acid (GABA) A receptor, beta 2 (GABRB2), transcript variant 2, mRNA;

ce 1 (PLAGL1), transcript variant 3, mRNA; gi|124381130|ref|NM\_001080954.1| Homo sapiens pleiomc

variant 1, mRNA;

46|ref|NM\_001080950.1| Homo sapiens myosin IC (MYO1C), transcript variant 2, mRNA;

voltage-gated, type V, alpha subunit (SCN5A), transcript variant 4, mRNA; gi|237512979|ref|NM\_00116

oin hormone-like 1 (CSHL1), transcript variant 2, mRNA; gi|12545377|ref|NM\_022580.1| Homo sapiens

rain containing 2 (REPS2), transcript variant 1, mRNA;

pt variant 1, mRNA;

C (*S. pombe*) (CDC25C), transcript variant 1, mRNA;

/, G-protein coupled, 14 (P2RY14), transcript variant 2, mRNA;

5864.2| Homo sapiens leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains  
r 1 (GCFC1), transcript variant 3, non-coding RNA; gi|125661046|ref|NM\_016631.3| Homo sapiens GC-

variant 1, mRNA;

: finger protein) (BCL11B), transcript variant 1, mRNA;  
se, receptor type, A (PTPRA), transcript variant 1, mRNA; gi|125987586|ref|NM\_080841.2| Homo sapie  
L438.1| Homo sapiens leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains  
L443.1| Homo sapiens leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains  
e carrier family 4, sodium bicarbonate cotransporter, member 5 (SLC4A5), transcript variant c, mRNA;

adenylation specific factor 4, 30kDa (CPSF4), transcript variant 1, mRNA;

script variant 2, mRNA;

taining 3 (SAMD3), transcript variant 2, mRNA;

RNA;



IN domains 5 (ZKSCAN5), transcript variant 1, mRNA;  
AB3), transcript variant 1, mRNA;

kinase (DMPK), transcript variant 4, mRNA; gi|126131094|ref|NM\_004409.3| Homo sapiens dystrophin  
transcript variant B, mRNA; gi|126091041|ref|NM\_058200.2| Homo sapiens sperm associated antigen

ney and hepatic disease 1 (autosomal recessive) (PKHD1), transcript variant 1, mRNA;

i3.2| Homo sapiens tryptophanyl tRNA synthetase 2, mitochondrial (WARS2), nuclear gene encoding mit  
(G6PC2), transcript variant 2, mRNA;

1), transcript variant 2, mRNA;

l\_001081754.1| Homo sapiens elastin (ELN), transcript variant 4, mRNA; gi|126352607|ref|NM\_00108  
voltage-gated, type III, alpha subunit (SCN3A), transcript variant 1, mRNA; gi|126362954|ref|NM\_0010  
L081639.1| Homo sapiens leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM dom  
variant 2, mRNA;

family K, member 2 (KCNK2), transcript variant 3, mRNA; gi|126723760|ref|NM\_014217.3| Homo sapien

ant 2, mRNA;

ng frame 29 (C19orf29), transcript variant 1, mRNA;

, transcript variant 2, mRNA; gi|224548933|ref|NR\_027149.1| Homo sapiens zinc finger RNA binding p  
pt variant 1, mRNA;  
calmodulin regulated spectrin-associated protein family, member 3 (CAMSAP3), transcript variant 1, mR

ariant 3, mRNA; gi|130978629|ref|NM\_020683.6| Homo sapiens adenosine A3 receptor (ADORA3), tra  
log (mouse) (ACD), transcript variant 1, mRNA; gi|130979213|ref|NM\_001082487.1| Homo sapiens ad  
(STRADB), transcript variant 2, mRNA;  
'mental retardation syndrome X-linked (ATRX), transcript variant 1, mRNA;  
nRNA; gi|130979678|ref|NM\_001082533.1| Homo sapiens carbonic anhydrase X (CA10), transcript var  
4862301|ref|NM\_001177608.1| Homo sapiens CD33 molecule (CD33), transcript variant 3, mRNA;

sapiens family with sequence similarity 19 (chemokine (C-C motif)-like), member A5 (FAM19A5), transcript variant 2, mRNA; gi|323363020|ref|NM\_001204102.1| Homo sapiens cancer susceptibility 1 (M1L2), transcript variant 1, mRNA;

ing frame 57 (C11orf57), transcript variant 3, mRNA; gi|131889431|ref|NM\_001082969.1| Homo sapiens

is) box helicase 11 (DDX11), transcript variant 1, mRNA; gi|100913203|ref|NM\_004399.2| Homo sapiens

number 1 (SCARB1), transcript variant 1, mRNA;

: variant 3, mRNA;

transferase 1 family, polypeptide A6 (UGT1A6), transcript variant 2, mRNA;

dehydrogenase (SDR family) member 12 (DHRS12), transcript variant 1, mRNA;

adotropin-releasing hormone 1 (luteinizing-releasing hormone) (GNRH1), transcript variant 2, mRNA;

), transcript variant 2, mRNA;

IM\_003076.4| Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of chromatin growth factor, beta receptor II (70/80kDa) (TGFB2), transcript variant 1, mRNA;

tein, fox-1 homolog (C. elegans) 2 (RBF2), transcript variant 4, mRNA; gi|133925802|ref|NM\_00108

variant 3, mRNA; gi|350994424|ref|NM\_001247990.1| Homo sapiens CTAGE family, member 5 (CTAGE5

containing 3 (FGD3), transcript variant 2, mRNA;

sequence similarity 86, member B1 (FAM86B1), transcript variant 1, mRNA;

ant 2, mRNA; gi|226246536|ref|NM\_001146190.1| Homo sapiens zinc finger protein 407 (ZNF407), tra

CEP57L1), transcript variant 1, mRNA;

iant 1, mRNA;

30-binding (E2F5), transcript variant 3, mRNA; gi|134142810|ref|NM\_001951.3| Homo sapiens E2F tra  
ant 2, mRNA;

: binding effector protein 1 (RABEP1), transcript variant 1, mRNA;

-like orphan receptor 1 (ROR1), transcript variant 1, mRNA;

ELF2), transcript variant 2, mRNA; gi|134152718|ref|NM\_001083591.1| Homo sapiens CUGBP, Elav-like

.4), transcript variant 2, mRNA;

glycan anchor biosynthesis, class N (PIGN), transcript variant 1, mRNA;

mo sapiens antigen p97 (melanoma associated) identified by monoclonal antibodies 133.2 and 96.5 (MF

431|ref|NM\_001083603.1| Homo sapiens patched 1 (PTCH1), transcript variant 1a', mRNA; gi|1342544

o sapiens solute carrier family 12 (sodium/potassium/chloride transporters), member 1 (SLC12A1), trans

nsferase 60, NatF catalytic subunit (NAA60), transcript variant 1, mRNA; gi|134254439|ref|NM\_00108:

is killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 1 (KIR3DL1), mRNA;

tor (NARF), transcript variant 2, mRNA; gi|134284354|ref|NM\_012336.3| Homo sapiens nuclear prelan

lycoside phosphotransferase domain containing 1 (AGPHD1), transcript variant 2, mRNA;

.9), transcript variant 2, mRNA;

l-tRNA synthetase 2, mitochondrial (putative) (EARS2), nuclear gene encoding mitochondrial protein, tra

cript variant 2, mRNA;

opic, AMPA 2 (GRIA2), transcript variant 3, mRNA; gi|134304849|ref|NM\_000826.3| Homo sapiens glut

, mRNA;

ne candidate 1-like 1 (WHSC1L1), transcript variant long, mRNA;

log (mouse) (ZFP112), transcript variant 1, mRNA;

:ontaining 40 (ZBTB40), transcript variant 1, mRNA;

RNA;

1), transcript variant 2, mRNA;

ociated tumor suppressor candidate 2 (MTUS2), transcript variant 1, mRNA;

, mRNA;

ing 15 (ZMYND15), transcript variant 1, mRNA;

ant 3, mRNA; gi|14165380|ref|NM\_031859.1| Homo sapiens protocadherin alpha 10 (PCDHA10), trans

, mRNA; gi|14165389|ref|NM\_031848.1| Homo sapiens protocadherin alpha 6 (PCDHA6), transcript va

ant 1, mRNA;

ant 2, mRNA;

ant 2, mRNA;

, mRNA; gi|14165399|ref|NM\_031410.1| Homo sapiens protocadherin alpha 1 (PCDHA1), transcript va

, mRNA;

, mRNA;

, mRNA;

, mRNA;

, mRNA;

, mRNA;

, mRNA;



rotein 6 (PSG6), transcript variant 1, mRNA;

:erevisiae) (SUPT3H), transcript variant 2, mRNA;

U, 10 (PCDHGA10), transcript variant 1, mRNA;  
U, 11 (PCDHGA11), transcript variant 2, mRNA; gi|14196454|ref|NM\_032092.1| Homo sapiens protocac  
U, 12 (PCDHGA12), transcript variant 2, mRNA;  
U (PCDHGA1), transcript variant 1, mRNA;  
U (PCDHGA2), transcript variant 2, mRNA;  
U (PCDHGA3), transcript variant 1, mRNA;  
U (PCDHGA4), transcript variant 2, mRNA;  
U (PCDHGA5), transcript variant 2, mRNA;  
U (PCDHGA6), transcript variant 2, mRNA;  
U (PCDHGA7), transcript variant 1, mRNA;

carrier family 35 (UDP-galactose transporter), member A2 (SLC35A2), transcript variant 1, mRNA; gi|73



; (PCDHGA8), transcript variant 2, mRNA;  
| (PCDHGA9), transcript variant 1, mRNA;  
  (PCDHGB1), transcript variant 2, mRNA;  
  (PCDHGB2), transcript variant 1, mRNA;  
  (PCDHGB3), transcript variant 2, mRNA;  
  (PCDHGB4), transcript variant 2, mRNA;  
  (PCDHGB6), transcript variant 1, mRNA;  
  (PCDHGB5), transcript variant 2, mRNA;

(PCDHGC3), transcript variant 2, mRNA; gi|14277674|ref|NM\_002588.2| Homo sapiens protocadherin  
(PCDHGC4), transcript variant 1, mRNA;  
(PCDHGC5), transcript variant 1, mRNA;  
n 3 (STRN3), transcript variant 2, mRNA;

nt 1, mRNA;

r 4 (PDZRN4), transcript variant 1, mRNA;

e similarity 149, member A (FAM149A), transcript variant 1, mRNA;

ng frame 26 (C10orf26), transcript variant 1, mRNA;

4-type zinc finger containing 1 (RBCK1), transcript variant 2, mRNA;

nRNA;

nscrip variant 1, mRNA; gi|145275173|ref|NM\_199180.2| Homo sapiens kin of IRRE like 2 (Drosophila

3 frame 116 (C1orf116), transcript variant 1, mRNA;

mRNA;

transcript variant 3, mRNA;  
transcript variant 2, non-coding RNA;

RNA;

9, X-linked (USP9X), transcript variant 4, mRNA;

KH), transcript variant 3, mRNA; gi|145312245|ref|NM\_001083964.1| Homo sapiens tudor and KH domain

transcript variant 2, mRNA;

D domain containing E3 ubiquitin protein ligase 4 (HERC4), transcript variant 2, mRNA;

it variant 2, mRNA;

script variant 3, mRNA; gi|145580576|ref|NM\_001329.2| Homo sapiens C-terminal binding protein 2 (C  
or 2 (DNAAF2), transcript variant 2, mRNA;

(CCDC112), transcript variant 1, mRNA;

nt 1, mRNA;

nsript variant 2, mRNA;

prosome, macropain) inhibitor subunit 1 (PI31) (PSMF1), transcript variant 2, mRNA;

Homo sapiens collagen-like tail subunit (single strand of homotrimer) of asymmetric acetylcholinesterase  
factor, Y-linked 1 (HSFY1), transcript variant 1, mRNA; gi|24211016|ref|NM\_152584.1| Homo sapiens h  
on factor, Y linked 2 (HSFY2), transcript variant 2, mRNA; gi|32526912|ref|NM\_153716.1| Homo sapiens

Homo sapiens chromosome 2 open reading frame 56 (C2orf56), nuclear gene encoding mitochondrial p  
rine 4 (TMPRSS4), transcript variant 5, mRNA; gi|145701031|ref|NM\_019894.3| Homo sapiens transme

ase type IVA, member 3 (PTP4A3), transcript variant 1, mRNA;  
ranscript variant 1, mRNA;

variant a, mRNA; gi|14589945|ref|NM\_032973.1| Homo sapiens protocadherin 11 Y-linked (PCDH11Y

ding frame 226 (C1orf226), transcript variant 1, mRNA;

MPRSS3), transcript variant C, mRNA; gi|224994254|ref|NM\_024022.2| Homo sapiens transmembrane

DKD1), transcript variant 2, mRNA;

ame 54 (C2orf54), transcript variant 2, mRNA;



cript variant 1, mRNA;  
, transcript variant 2, mRNA;

ssociated protein), delta 1 (CTNND1), transcript variant 19, mRNA; gi|332688207|ref|NM\_001206883.1

d receptor kinase interacting ArfGAP 1 (GIT1), transcript variant 2, mRNA;

ring zinc finger 1 (PATZ1), transcript variant 1, mRNA; gi|14670363|ref|NM\_032051.1| Homo sapiens P

or 4H (EIF4H), transcript variant 1, mRNA;  
CDHAC2), transcript variant 1, mRNA;  
DHAC1), transcript variant 1, mRNA;

transcript variant 4, mRNA;  
P38), transcript variant 2, mRNA; gi|148222744|ref|NM\_001097590.1| Homo sapiens ribonuclease P/  
l), transcript variant 1, mRNA;

RNA;  
ipt variant 2, mRNA;  
02B (CCDC102B), transcript variant 2, mRNA;

phosphate diphosphohydrolase 1 (ENTPD1), transcript variant 1, mRNA; gi|256355126|ref|NM\_001164

y-Zuckerman 4 feline sarcoma viral oncogene homolog (KIT), transcript variant 1, mRNA;

r G2 (SLC35G2), transcript variant 3, mRNA; gi|148235964|ref|NM\_001097599.1| Homo sapiens solute

script variant 2, mRNA;

ipt variant 2, mRNA;

e similarity 195, member B (FAM195B), transcript variant 1, mRNA;

113), transcript variant 2, mRNA; gi|223556011|ref|NM\_001145168.1| Homo sapiens G protein-couple

α-associated protein), beta 1, 88kDa (CTNNB1), transcript variant 1, mRNA; gi|148227671|ref|NM\_0010

transcript variant 1, mRNA;

hilin)-like 2 (PPIL2), transcript variant 2, mRNA; gi|148271091|ref|NM\_148176.2| Homo sapiens peptic  
variant 2, mRNA;

transcript variant 3, mRNA; gi|148276973|ref|NM\_153050.2| Homo sapiens myotubularin related prot

ing frame 44 (C5orf44), transcript variant 5, mRNA; gi|148277005|ref|NR\_003545.1| Homo sapiens chrc  
io sapiens fucosyltransferase 3 (galactoside 3(4)-L-fucosyltransferase, Lewis blood group) (FUT3), transcr  
ansferase 1, core 2 (GCNT1), transcript variant 2, mRNA; gi|148277028|ref|NM\_001097633.1| Homo s:

3-hydroxyglutaryl-CoA synthase 1 (soluble) (HMGCS1), transcript variant 1, mRNA;  
Heterogeneous nuclear ribonucleoprotein F (HNRNPF), transcript variant 4, mRNA; gi|148470399|ref|NM\_001098207.1| Homo sapiens

transcript variant 2, mRNA; gi|148491105|ref|NM\_001098403.1| Homo sapiens zinc finger protein 295 (ZNF295), transcript variant A; gi|47458040|ref|NM\_213651.1| Homo sapiens solute carrier family 25 (mitochondrial carrier; phosphate)

transcript variant 1, mRNA;

transcript variant A, mRNA;

ember A (CLEC4A), transcript variant 4, mRNA; gi|148536834|ref|NM\_016184.3| Homo sapiens C-type  
1 channel, voltage-dependent, P/Q type, alpha 1A subunit (CACNA1A), transcript variant 1, mRNA; gi|18

bunit alpha (COPA), transcript variant 2, mRNA;

LL, mRNA;

r 1, group I, member 2 (NR1I2), transcript variant 2, mRNA; gi|148536876|ref|NM\_033013.2| Homo sa

it variant 2, mRNA;

DMBT1), transcript variant 1, mRNA; gi|341913699|ref|XM\_003403632.1| PREDICTED: Homo sapiens d

e, receptor type, T (PTPRT), transcript variant 2, mRNA;

inc finger protein) (BCL11A), transcript variant 2, mRNA; gi|20336312|ref|NM\_138559.1| Homo sapien  
apiens mannosyl (beta-1,4-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase (MGAT3), transcript  
cript variant 2, mRNA; gi|46255050|ref|NM\_002312.3| Homo sapiens ligase IV, DNA, ATP-dependent (

C, mRNA; gi|148596971|ref|NM\_014951.2| Homo sapiens zinc finger protein 365 (ZNF365), transcript

variant 1, mRNA;

ding frame 125 (C10orf125), transcript variant 2, mRNA;

i coactivator 1 (CRTC1), transcript variant 3, mRNA;

foembryonic antigen-related cell adhesion molecule 21 (CEACAM21), transcript variant 2, mRNA;  
tor 1 (SGSM1), transcript variant 4, mRNA; gi|148612839|ref|NM\_001098497.1| Homo sapiens small C

L48612880|ref|NM\_019590.3| Homo sapiens KIAA1217 (KIAA1217), transcript variant 1, mRNA;

tor 2 (SGSM2), transcript variant 1, mRNA;

NM\_144636.2| Homo sapiens coiled-coil-helix-coiled-coil-helix domain containing 4 (CHCHD4), nuclear i  
ant 6, mRNA; gi|148612894|ref|NM\_001098494.1| Homo sapiens zinc finger protein 419 (ZNF419), tra

ellicase 17 (DDX17), transcript variant 1, mRNA;  
anscript variant 2, mRNA;  
, transcript variant 4, mRNA;

RC43), transcript variant 1, mRNA;  
: variant 2, mRNA;

(AP2), transcript variant 1, mRNA;

e, interacts with CXADR antigen 1 (AMICA1), transcript variant 2, mRNA;

, transcript variant 1, mRNA;

3 similarity 129, member C (FAM129C), transcript variant 1, mRNA;

116), transcript variant 2, mRNA;

ant 1, mRNA;

ontaining 2 (spermatozoa) (TXNDC2), transcript variant 1, mRNA;

e 5 (isopeptidase T) (USP5), transcript variant 2, mRNA;

pase domain containing 7 (PNPLA7), transcript variant 2, mRNA;

tase, receptor type, J (PTPRJ), transcript variant 2, mRNA;

n 2, 30kDa (HTATIP2), transcript variant 1, mRNA; gi|148728171|ref|NM\_001098522.1| Homo sapiens

L transmembrane domain containing 1 (CMTM1), transcript variant 3, mRNA; gi|148743784|ref|NM\_18

family 17 (sodium phosphate), member 3 (SLC17A3), transcript variant 2, mRNA;

inhibitor motif containing 6 (TMBIM6), transcript variant 1, mRNA;

ylate synthase 7 homolog (*S. cerevisiae*)-like (PUS7L), transcript variant 1, mRNA; gi|148762960|ref|NM

script variant 1, mRNA;

iens TAF4b RNA polymerase II, TATA box binding protein (TBP)-associated factor, 105kDa (TAF4B), mRN

1S1), transcript variant 2, mRNA; gi|148806895|ref|NM\_032375.3| Homo sapiens AKT1 substrate 1 (p

ding frame 109 (C14orf109), transcript variant 2, mRNA;

ame 43 (C1orf43), transcript variant 3, mRNA; gi|148833489|ref|NM\_015449.2| Homo sapiens chrom

ranscript variant 1, mRNA;

!B), transcript variant 1, mRNA;

ant 3, mRNA; gi|148839356|ref|NM\_001032293.2| Homo sapiens zinc finger protein 207 (ZNF207), tra

:ranscript variant 2, mRNA;

it 1, mRNA;

EZ6), transcript variant 1, mRNA;

transcript variant 1, mRNA;

otide binding protein (G protein), gamma 4 (GNG4), transcript variant 2, mRNA; gi|148922936|ref|NM\_

transcript variant 4, mRNA; gi|314122232|ref|NM\_001199698.1| Homo sapiens BCL2-associated athano  
complex, class I, F (HLA-F), transcript variant 3, mRNA; gi|149158697|ref|NM\_018950.2| Homo sapien  
2, mRNA; gi|149158703|ref|NM\_001098211.1| Homo sapiens histamine receptor H1 (HRH1), transcrip

ing frame 44 (C12orf44), transcript variant 1, mRNA;  
membrane protein (JKAMP), transcript variant 1, mRNA;

binding protein 3 (NECAB3), transcript variant 1, mRNA;  
guanyl releasing protein 2 (calcium and DAG-regulated) (RASGRP2), transcript variant 4, mRNA; gi|2479

ence similarity 71, member F2 (FAM71F2), transcript variant 2, mRNA;

similarity 89, member B (FAM89B), transcript variant 1, mRNA; gi|149192852|ref|NM\_001098784.1| Hc

transport 1 homolog (S. cerevisiae)-like (BET1L), transcript variant 1, mRNA;



et-associated (HILPDA), transcript variant 2, mRNA;  
transcript variant 2, mRNA; gi|149192831|ref|NM\_021242.4| Homo sapiens MID1 interacting protein

or 1 (GRSF1), transcript variant 1, mRNA;  
JC20), transcript variant L, mRNA;

ipt variant 2, mRNA;

type 8B, member 5, pseudogene (ATP8B5P), transcript variant 1, non-coding RNA;

|NM\_001098812.1| Homo sapiens septin 8 (SEPT8), transcript variant 3, mRNA; gi|149363688|ref|NM\_

lection associated 1 (TESPA1), mRNA;  
nce similarity 160, member A2 (FAM160A2), transcript variant 2, mRNA;

ot variant 2, mRNA;

nt 1, mRNA;  
iox family member 2 (TOX2), transcript variant 1, mRNA; gi|149408145|ref|NM\_001098798.1| Homo s;  
e similarity 210, member A (FAM210A), transcript variant 2, mRNA;

ranscript variant 1, mRNA;

transferase, C-terminal domain containing (GSTCD), transcript variant 2, mRNA;

.), transcript variant 5, mRNA; gi|154707843|ref|NM\_001098821.1| Homo sapiens transmembrane pro

-spanning 4-domains, subfamily A, member 15 (MS4A15), transcript variant 1, mRNA;

AH14), transcript variant 1, mRNA; gi|223555932|ref|NM\_001145154.1| Homo sapiens dynein, axonen

anscript variant 1, mRNA; gi|149944468|ref|NM\_001099280.1| Homo sapiens HEAT repeat containing

ame 58 (C17orf58), transcript variant 1, mRNA;

ame 23 (C3orf23), transcript variant 1, mRNA; gi|149944500|ref|NM\_001029840.2| Homo sapiens chr

script variant 5, mRNA; gi|149999344|ref|NM\_133274.2| Homo sapiens Fc fragment of IgA, receptor fc  
imilarity 54, member A (FAM54A), transcript variant 1, mRNA;  
ant 3, mRNA; gi|149999359|ref|NM\_001099283.1| Homo sapiens zinc finger protein 239 (ZNF239), tra

script variant 1, mRNA;

nsript variant 1, mRNA; gi|149999597|ref|NM\_138635.3| Homo sapiens H2A histone family, member

NA; gi|149999602|ref|NM\_001002258.4| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial

it variant 2, non-coding RNA;

change factor (GEF) 4 (ARHGEF4), transcript variant 2, mRNA;

tein) (PCLO), transcript variant 1, mRNA;  
ng frame 42 (C12orf42), transcript variant 1, mRNA;

roxylase interacting protein (PHYHIP), transcript variant 1, mRNA;

ariant 2, mRNA;

upled receptor associated sorting protein 1 (GPRASP1), transcript variant 3, mRNA; gi|296080705|ref|F

anscript variant 3, mRNA; gi|150378542|ref|NM\_001099413.1| Homo sapiens K(lysine) acetyltransferase

NA; gi|150378453|ref|NM\_001099401.1| Homo sapiens sarcoglycan, epsilon (SGCE), transcript variant

serine/threonine kinase 2 (MKNK2), transcript variant 2, mRNA;

, sub-family A (ABC1), member 2 (ABCA2), transcript variant 1, mRNA;

transcript variant 2, mRNA;

ycle 14 homolog A (*S. cerevisiae*) (CDC14A), transcript variant 3, mRNA; gi|150417993|ref|NM\_003672

ed-coil containing protein 2 (TACC2), transcript variant 3, mRNA; gi|45827754|ref|NM\_206861.1| Homo  
variant 1, mRNA;

RNA;

microtubule interacting protein 1 (JAKMIP1), transcript variant 2, mRNA;

transport 74 homolog (Chlamydomonas) (IFT74), transcript variant 2, mRNA; gi|151105228|ref|NM\_021

ar factor 2 (TNF2), transcript variant 2, mRNA;

tein homolog (Chlamydomonas) (POC5), transcript variant 1, mRNA;

DC43), transcript variant 2, mRNA;

'), transcript variant 1, mRNA;

.3| Homo sapiens coenzyme Q10 homolog A (S. cerevisiae) (COQ10A), nuclear gene encoding mitochondrion  
RNA;

ript variant 2, mRNA;

nily 2, subfamily A, polypeptide 7 (CYP2A7), transcript variant 1, mRNA;

ript variant 2, mRNA; gi|15208662|ref|NM\_014788.2| Homo sapiens tripartite motif containing 14 (TRI  
nt 1, mRNA; gi|194272218|ref|NR\_024018.1| Homo sapiens zinc finger protein 30 (ZNF30), transcript \

ref|NM\_003990.3| Homo sapiens paired box 2 (PAX2), transcript variant e, mRNA; gi|152963641|ref|f

GIX), transcript variant 2, mRNA; gi|153070255|ref|NM\_001099682.1| Homo sapiens MAGI family mer

\M2), transcript variant 2, mRNA; gi|153082718|ref|NM\_001099788.1| Homo sapiens intercellular adh

1 (HAVCR1), transcript variant 3, mRNA; gi|153085428|ref|NM\_001099414.1| Homo sapiens hepatitis /  
cible domain family, member 1A (HIGD1A), transcript variant 3, mRNA; gi|153085469|ref|NM\_001099€  
, transcript variant 4, mRNA; gi|153090190|ref|NM\_001099747.1| Homo sapiens syntabulin (syntaxin-i  
t variant b, mRNA;

uence 3 (BCAS3), transcript variant 2, mRNA;

\M\_001099773.1| Homo sapiens cytochrome P450, family 11, subfamily A, polypeptide 1 (CYP11A1), tr  
50, family 4, subfamily B, polypeptide 1 (CYP4B1), transcript variant 2, mRNA;

phosphoesterase domain containing 1 (CPPED1), transcript variant 2, mRNA;

similarity 54, member B (FAM54B), transcript variant 2, mRNA; gi|153251770|ref|NM\_001099627.1| Hc

3 similarity 86, member C1 (FAM86C1), transcript variant 3, mRNA; gi|153251795|ref|NM\_018172.2| H

e 35 (C3orf35), transcript variant E, mRNA;

ame 33 (C4orf33), transcript variant 2, mRNA;

099736.1| Homo sapiens creatine kinase, mitochondrial 2 (sarcomeric) (CKMT2), nuclear gene encoding  
., member B (CLEC1B), transcript variant 1, mRNA;

1, mRNA; gi|153252131|ref|NM\_001099693.1| Homo sapiens ribosomal protein L31 (RPL31), transcrip

mily 39 (zinc transporter), member 6 (SLC39A6), transcript variant 2, mRNA;

ise activating polypeptide 1 (pituitary) (ADCYAP1), transcript variant 2, mRNA;

nsript variant 1, mRNA; gi|153266906|ref|NM\_001099782.1| Homo sapiens gamma-glutamyltransfer  
se 6 (GRK6), transcript variant 1, mRNA; gi|153266933|ref|NM\_002082.3| Homo sapiens G protein-coi  
DD), transcript variant B, mRNA;

icity tyrosine-(Y)-phosphorylation regulated kinase 2 (DYRK2), transcript variant 2, mRNA;

transcript variant 1, mRNA;

(RPP14), transcript variant 1, mRNA;

transcript variant 1, mRNA;

d transforming sequence (MCF2), transcript variant 3, mRNA; gi|284795235|ref|NM\_005369.4| Homo

variant 3, mRNA; gi|153792187|ref|NM\_007145.2| Homo sapiens zinc finger protein 146 (ZNF146), tra

ng frame 59 (C8orf59), transcript variant 1, mRNA; gi|153792353|ref|NM\_001099671.1| Homo sapiens

nain containing 1 (FTSJD1), transcript variant 2, mRNA;



10), transcript variant 1, mRNA;

33731|ref|NM\_001134485.1| Homo sapiens translocase of outer mitochondrial membrane 5 homolog  
nRNA; gi|153792646|ref|NM\_001099695.1| Homo sapiens replication initiator 1 (REPIN1), transcript v;

iens inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma (IKBKG), transcript vari;

n 3-like (MFAP3L), transcript variant 2, mRNA;

er 2 (SLC47A2), transcript variant 3, mRNA; gi|153792323|ref|NM\_152908.3| Homo sapiens solute car  
ame 69 (C9orf69), transcript variant 2, mRNA;  
shock protein 90kDa alpha (cytosolic), class A member 1 (HSP90AA1), transcript variant 2, mRNA;

L), transcript variant 2, mRNA;

transcript variant 3, mRNA; gi|153791506|ref|NM\_001099660.1| Homo sapiens leucine rich repeat neu  
fetal muscle, adult (MYH2), transcript variant 2, mRNA;

ame 25 (C7orf25), transcript variant 2, mRNA;

transcript variant 3, mRNA; gi|153945835|ref|NM\_001100121.1| Homo sapiens endothelin converting

C8), transcript variant a, mRNA;

sporting, alpha 4 polypeptide (ATP1A4), transcript variant 2, mRNA;

1B 19kDa interacting protein 1 (BNIP1), transcript variant BNIP1-c, mRNA; gi|153946400|ref|NM\_00121

X-ray repair complementing defective repair in Chinese hamster cells 3 (XRCC3), transcript variant 2, mF

leucine-rich repeats and calponin homology (CH) domain containing 2 (LRCH2), transcript variant 2, mRN.

otif) receptor 5 (gene/pseudogene) (CCR5), transcript variant A, mRNA;  
int 2, mRNA;

ε-rich protein (PNISR), transcript variant 1, mRNA;

ng frame 88 (C11orf88), transcript variant 1, mRNA;

), transcript variant 1, mRNA; gi|154240739|ref|NM\_173848.5| Homo sapiens RALY RNA binding prote

e similarity 104, member A (FAM104A), transcript variant 1, mRNA;

e similarity 184, member A (FAM184A), transcript variant 1, mRNA;

Homo sapiens inner membrane protein, mitochondrial (IMMT), nuclear gene encoding mitochondrial pi  
! (PHACTR2), transcript variant 3, mRNA; gi|154354971|ref|NM\_001100166.1| Homo sapiens phosphat

ranscript variant 2, mRNA;

nsript variant 2, mRNA;

(Drosophila) (SBNO2), transcript variant 1, mRNA;

lin domain containing 4 (VSIG4), transcript variant 2, mRNA; gi|296434254|ref|NM\_001184831.1| Hon

L22245|ref|NM\_001199708.1| Homo sapiens KIAA0895 (KIAA0895), transcript variant 5, mRNA; gi|314

ng frame 91 (C21orf91), transcript variant 1, mRNA; gi|154426269|ref|NM\_001100421.1| Homo sapier

iated, serine-rich 2-like (SPATS2L), transcript variant 3, mRNA; gi|154426252|ref|NM\_001100422.1| Hc

in ligase E3 component n-recognin 7 (putative) (UBR7), transcript variant 3, non-coding RNA;

ading frame 60 (C19orf60), transcript variant 2, mRNA;

chore associated complex subunit 1 (SKA1), transcript variant 1, mRNA;

chore associated complex subunit 2 (SKA2), transcript variant 1, mRNA;  
subunit e2 (ATP6V0E2), transcript variant 1, mRNA;

piens KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 2 (KDEL2), transcript v

ed (TEPP), transcript variant 2, mRNA;

ant 3, mRNA; gi|154759264|ref|NM\_001100598.1| Homo sapiens zinc finger protein 707 (ZNF707), tra

icrophage differentiation-associated 2 (MMD2), transcript variant 1, mRNA;

2| Homo sapiens serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 10 (Si

MD5), transcript variant 3, mRNA; gi|124487370|ref|NM\_014066.3| Homo sapiens COMM domain cont

1) (TROAP), transcript variant 2, mRNA;

variant 1, mRNA; gi|374858036|ref|NM\_001003790.3| Homo sapiens ER lipid raft associated 2 (ERLIN2),  
ing frame 80 (C17orf80), transcript variant 1, mRNA; gi|154800466|ref|NM\_001100621.1| Homo sapien  
s pleckstrin homology domain containing, family B (eectins) member 2 (PLEKHB2), transcript variant 3,  
t 2, mRNA; gi|154800484|ref|NM\_001100625.1| Homo sapiens centromere protein N (CENPN), transc

RNA;

CXCL16), transcript variant 2, mRNA;

5B), transcript variant 1, mRNA;

iction domain containing 1 (PID1), transcript variant 2, mRNA;

ng frame 46 (C16orf46), transcript variant 2, mRNA;

iens membrane-associated ring finger (C3HC4) 10, E3 ubiquitin protein ligase (MARCH10), transcript vai

ioxygenase domain containing 1 (PHYHD1), transcript variant 1, mRNA; gi|154937347|ref|NM\_174933.

ane-spanning 4-domains, subfamily A, member 13 (MS4A13), transcript variant 1, mRNA;

variant 1, mRNA;

gi|155029562|ref|NM\_020210.3| Homo sapiens sema domain, immunoglobulin domain (Ig), transmembrane

cript variant 2, mRNA;

variant 1, mRNA;

iation stimulator 1 (RAP1GDS1), transcript variant 1, mRNA; gi|155030195|ref|NM\_001100427.1| Homo

side exchange factor (GEF) 4 (RAPGEF4), transcript variant 2, mRNA;

; PDS5, regulator of cohesion maintenance, homolog A (S. cerevisiae) (PDS5A), transcript variant 1, mRNA

catalytic, alpha (PI4KA), transcript variant 1, mRNA;

g 3 (SORBS3), transcript variant 1, mRNA;

transcript variant 2, mRNA;

olute carrier family 4, sodium bicarbonate transporter, member 10 (SLC4A10), transcript variant 3, mRNA

cassette, sub-family B (MDR/TAP), member 9 (ABCB9), transcript variant 6, mRNA; gi|156071447|ref|NM

nic convertase) (NRD1), transcript variant 3, mRNA; gi|156071449|ref|NM\_002525.2| Homo sapiens na

Homo sapiens guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 1 (GNAI1)

ranscript variant 2, mRNA;

| Homo sapiens ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)

V\_145799.3| Homo sapiens septin 6 (SEPT6), transcript variant I, mRNA; gi|156071530|ref|NM\_14580

actor related protein 1 (C1QTNF1), transcript variant 1, mRNA; gi|38372912|ref|NM\_198594.1| Homo  
(RAP1GAP2), transcript variant 2, mRNA;

:ranscript variant 2, mRNA;

osphate-4-phosphatase, type II, 105kDa (INPP4B), transcript variant 2, mRNA;

!), transcript variant 1, mRNA;

s peroxisomal proliferator-activated receptor A interacting complex 285 (PRIC285), transcript variant 1,  
s 2 (RC3H2), transcript variant 1, mRNA;  
6 (SENP6), transcript variant 1, mRNA;  
;

ontaining 12 (SAMD12), transcript variant 2, mRNA;

ematogenesis and oogenesis specific basic helix-loop-helix 1 (SOHLH1), transcript variant 2, mRNA;

ding frame 159 (C14orf159), transcript variant 5, mRNA; gi|156139130|ref|NM\_001102366.1| Homo s  
t oxidoreductase domain containing 2 (FOXRED2), transcript variant 2, mRNA;

L, mRNA;

imilarity 13, member B (FAM13B), transcript variant 2, mRNA; gi|156142191|ref|NM\_001101801.1| Hc

tic histone-lysine N-methyltransferase 2 (EHMT2), transcript variant NG36/G9a, mRNA;

clear ribonucleoprotein A2/B1 (HNRNPA2B1), transcript variant A2, mRNA;  
mRNA;

ibonucleoprotein R (HNRNPR), transcript variant 3, mRNA; gi|156151393|ref|NM\_001102398.1| Homo  
variant 2, mRNA;

i|156151440|ref|NM\_025144.3| Homo sapiens alpha-kinase 1 (ALPK1), transcript variant 1, mRNA;

linositol 4-kinase, catalytic, alpha pseudogene 2 (PI4KAP2), miscRNA;  
AND5), transcript variant a, mRNA; gi|156231045|ref|NM\_006007.2| Homo sapiens zinc finger, AN1-ty

:k disease, type C1, gene)-like 1 (NPC1L1), transcript variant 2, mRNA;



ant 2, mRNA; gi|156416025|ref|NM\_001102454.1| Homo sapiens zinc finger protein 219 (ZNF219), tra

l), transcript variant 1, mRNA;

MEM176B), transcript variant 3, mRNA; gi|156416021|ref|NM\_001101314.1| Homo sapiens transmen  
, transcript variant 1, mRNA;

(AP2), transcript variant 1, mRNA;

transcript variant 1, mRNA;

hatidic acid phosphatase type 2 domain containing 1B (PPAPDC1B), transcript variant 2, mRNA; gi|15652

1, mRNA;

ransport 43 homolog (Chlamydomonas) (IFT43), transcript variant 3, mRNA; gi|156523261|ref|NM\_05:

transcript variant 1, mRNA;

H6), transcript variant 1, mRNA;

r a (CIDEA), transcript variant 2, non-coding RNA;

ariant 2, mRNA;

CSAG1), transcript variant a, mRNA;

2, mRNA; gi|156547245|ref|NM\_001102603.1| Homo sapiens zinc finger protein 160 (ZNF160), transc

erage homolog 1 (Arabidopsis) (HENMT1), transcript variant 1, mRNA;

RNA; gi|343478274|ref|NM\_001243473.1| Homo sapiens B9 protein domain 1 (B9D1), transcript varia

nscript variant 4, mRNA; gi|156564381|ref|NM\_001102594.1| Homo sapiens deltex homolog 2 (Droso

:arcinoembryonic antigen-related cell adhesion molecule 20 (CEACAM20), transcript variant 4L, mRNA; ξ

ein 2 (GRB2), transcript variant 1, mRNA;

onophosphate) dehydrogenase 1 (IMPDH1), transcript variant 4, mRNA; gi|217035145|ref|NM\_001142

lex associated protein 5 (TUBGCP5), transcript variant 2, mRNA;

|156630986|ref|NM\_145731.3| Homo sapiens synaptogyrin 1 (SYNGR1), transcript variant 1b, mRNA;

t variant 2, mRNA;

01102664.1| Homo sapiens epsin 2 (EPN2), transcript variant 3, mRNA;

me (prosome, macropain) subunit, alpha type, 4 (PSMA4), transcript variant 2, mRNA; gi|156713440|re

YF2), transcript variant 2, mRNA; gi|156766042|ref|NM\_001103146.1| Homo sapiens GRB10 interactin

mily-like 1 (PNMAL1), transcript variant 2, mRNA;

n family member 5 (PNMA5), transcript variant 3, mRNA; gi|296531421|ref|NM\_001184924.1| Homo :

RL17B), transcript variant 2, mRNA;

ipt variant 2, mRNA;

, 1 (pancreatic) (RNASE1), transcript variant 1, mRNA; gi|318037195|ref|NM\_198232.2| Homo sapiens

3 (AADACL3), transcript variant 1, mRNA;

i|224177510|ref|NM\_001145427.1| Homo sapiens sorting nexin 18 (SNX18), transcript variant 3, mRN.

(RPP30), transcript variant 2, mRNA;

lateral sclerosis 2 (juvenile) chromosome region, candidate 8 (ALS2CR8), mRNA;

script variant 2, mRNA; gi|157276592|ref|NM\_001202.3| Homo sapiens bone morphogenetic protein 4  
specific (PDE4D), transcript variant 2, mRNA; gi|308387375|ref|NM\_001197219.1| Homo sapiens phosph  
) , transcript variant 1, mRNA;

family 34 (sodium phosphate), member 3 (SLC34A3), transcript variant 1, mRNA; gi|293597524|ref|NM  
\_001105069.1| Homo sapiens acyl-CoA synthetase medium-chain family member 2B (ACSM2B), transc

in-like enhancer of split 3 (E(sp1) homolog, Drosophila) (TLE3), transcript variant 3, mRNA; gi|15738498

ce similarity 70, member A (FAM70A), transcript variant 2, mRNA; gi|157388930|ref|NM\_017938.3| Homo sapiens

transcript variant 1, mRNA;

er family 52, riboflavin transporter, member 1 (SLC52A1), transcript variant 1, mRNA;

transcript variant 5, mRNA; gi|157388960|ref|NM\_001104589.1| Homo sapiens schlafen family member 11

e similarity 118, member A (FAM118A), transcript variant 2, mRNA;

ame 19 (C4orf19), transcript variant 1, mRNA;

solute carrier family 25 (pyrimidine nucleotide carrier ), member 36 (SLC25A36), transcript variant 2, mRNA;

o sapiens protein-L-isoaspartate (D-aspartate) O-methyltransferase domain containing 2 (PCMTD2), transcript variant 1, mRNA;

receptor family member V (PAQR5), transcript variant 1, mRNA;

1 (RUSC1), transcript variant 2, mRNA; gi|157412243|ref|NM\_014328.3| Homo sapiens RUN and SH3 domain containing 1

or homeotic)-like (Drosophila) (ASH2L), transcript variant 1, mRNA;

'7), transcript variant 3, mRNA; gi|157419115|ref|NM\_001105198.1| Homo sapiens transmembrane protein 7, voltage-gated potassium channel, shaker-related subfamily, beta member 1 (KCNA1), transcript variant 1, mRNA;

uitin protein ligase (RNF8), transcript variant 1, mRNA; gi|378925610|ref|NR\_046399.1| Homo sapiens P2X, ligand-gated ion channel, 6 (P2RX6), transcript variant 2, mRNA;

phatase, receptor type, M (PTPRM), transcript variant 2, mRNA;

RNA; gi|296434286|ref|NM\_001184880.1| Homo sapiens protocadherin 19 (PCDH19), transcript variant 2, mRNA;

transcript variant 2, mRNA; gi|157426859|ref|NM\_001105248.1| Homo sapiens transmembrane channeling 16 (ZFYVE16), transcript variant 2, mRNA;

, mRNA;

script variant 2, mRNA;

123C (FAM123C), transcript variant 1, mRNA; gi|157427662|ref|NM\_001105194.1| Homo sapiens fatty acid binding protein 1 (FABP1), transcript variant 1, mRNA; gi|157427662|ref|NM\_001105250.1| Homo sapiens neurexin 3 (NRXN3), transcript variant 3, mRNA;

RNA;

21A (TTC21A), transcript variant 1, mRNA;

osome (prosome, macropain) 26S subunit, non-ATPase, 13 (PSMD13), transcript variant 2, mRNA;

cassette, sub-family C (CFTR/MRP), member 4 (ABCC4), transcript variant 2, mRNA;

mononuclease homolog (*S. cerevisiae*) (SWT1), transcript variant 2, mRNA;

mitochondrial ATPase, aminophospholipid transporter (APLT), class I, type 8A, member 1 (ATP8A1), transcript variant 1, mRNA;

casein-binding protein 1 (yeast) (CAP1), transcript variant 1, mRNA;

ORF frame 34 (C18orf34), transcript variant 1, mRNA;

nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA;

ORF frame 58 (C7orf58), transcript variant 2, mRNA;

anion exchanger, member 3 (SLC4A3), transcript variant 1, mRNA;

BP1A), transcript variant 1, mRNA;

containing 10 (ZBTB10), transcript variant 2, mRNA;

containing 1 (ECHDC1), transcript variant 3, mRNA; gi|157694515|ref|NM\_001002030.1| Homo sapiens

protein 1 (CCHCR1), transcript variant 1, mRNA; gi|157738610|ref|NM\_019052.3| Homo sapiens coiled



44|ref|NM\_020911.1| Homo sapiens plexin A4 (PLXNA4), transcript variant 1, mRNA;  
le (NEFM), transcript variant 2, mRNA;  
i, mRNA; gi|157738654|ref|NM\_001105550.1| Homo sapiens zinc finger protein 83 (ZNF83), transcript  
iant 1, mRNA;

iant 2, mRNA;

NA;

variant 2, mRNA;

ading frame 92 (C16orf92), transcript variant 2, mRNA;

1 (KAZN), transcript variant C, mRNA; gi|157837981|ref|NM\_001017999.2| Homo sapiens kazrin, perip

3 (MAPK3), transcript variant 2, mRNA; gi|91718898|ref|NM\_002746.2| Homo sapiens mitogen-activ

2 (RNFT2), transcript variant 1, mRNA;

|ref|NM\_016954.2| Homo sapiens T-box 22 (TBX22), transcript variant 2, mRNA;

DNA binding protein 3 (CHD3), transcript variant 2, mRNA; gi|158420733|ref|NM\_001005273.2| Homo

merase family, member 3 (PARP3), transcript variant 1, mRNA;

ily 2 (PRH2), transcript variant 2, mRNA;

sapiens FERM, RhoGEF (ARHGEF) and pleckstrin domain protein 1 (chondrocyte-derived) (FARP1), trans  
ranscript variant 2, mRNA;

7A), transcript variant 2, mRNA;

family, 9 (non-active) (RNASE9), transcript variant 6, mRNA; gi|160333408|ref|NM\_001110358.1| Hoi

frame 177 (C1orf177), transcript variant 1, mRNA;

3 (sperm receptor) (ZP3), transcript variant 1, mRNA;

'1), transcript variant 1, mRNA;

tein 2 (Rett syndrome) (MECP2), transcript variant 1, mRNA;

137|ref|NM\_001257102.1| Homo sapiens NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 3, 12|

number 7 (KCNK7), transcript variant A, mRNA; gi|16118232|ref|NM\_033348.1| Homo sapiens potassii

ript variant 4, mRNA; gi|161333834|ref|NM\_001111031.1| Homo sapiens activin A receptor, type IC (A  
protein 13 (FBXL13), transcript variant 1, mRNA;

ant c, mRNA; gi|161353482|ref|NM\_001111039.1| Homo sapiens zinc finger protein 187 (ZNF187), tra

insporting, cardiac muscle, slow twitch 2 (ATP2A2), transcript variant b, mRNA;  
ant (ACP5), transcript variant 4, mRNA; gi|161377454|ref|NM\_001111036.1| Homo sapiens acid phosph

171|ref|NM\_001111047.1| Homo sapiens cyclin A1 (CCNA1), transcript variant 4, mRNA; gi|161377466  
(OAZ3), transcript variant 2, mRNA;

it variant 1, mRNA;

interacting protein 1 (CNRIP1), transcript variant CRIP1a, mRNA;

pecific (PDE4A), transcript variant 4, mRNA; gi|162329609|ref|NM\_001111308.1| Homo sapiens phospho

omo sapiens guanine nucleotide binding protein (G protein), alpha activating activity polypeptide O (GN/

cript variant 2, mRNA;  
NA;

y domains 1 (LIMCH1), transcript variant 3, mRNA; gi|163310740|ref|NM\_014988.2| Homo sapiens LIM

ranscript variant 2, mRNA;

ipt variant 3, mRNA; gi|16332363|ref|NM\_033489.1| Homo sapiens cyclin-dependent kinase 11B (CDK

F4), transcript variant 1, mRNA;

mRNA; gi|163644285|ref|NM\_016418.5| Homo sapiens neurofibromin 2 (merlin) (NF2), transcript vari  
g protein transcription factor, alpha subunit 60kDa (GABPA), transcript variant 2, mRNA;

iant delta, mRNA; gi|34335114|ref|NM\_004324.3| Homo sapiens BCL2-associated X protein (BAX), trar  
, AMPA 3 (GRIA3), transcript variant 3, mRNA; gi|163659857|ref|NM\_000828.4| Homo sapiens glutam.  
r 1 (somatomedin C) (IGF1), transcript variant 3, mRNA; gi|163659904|ref|NM\_000618.3| Homo sapier

7757296|ref|NM\_001160300.1| Homo sapiens pannexin 2 (PANX2), transcript variant 2, mRNA;  
enzyme 1 (UBA1), transcript variant 1, mRNA;  
enzyme 5 (UBA5), transcript variant 2, mRNA;  
lBE2K), transcript variant 3, mRNA; gi|163660384|ref|NM\_001111112.1| Homo sapiens ubiquitin-conju  
-like (TRMT1L), transcript variant 2, mRNA;

otassium voltage-gated channel, Shaw-related subfamily, member 1 (KCNC1), transcript variant B, mRN

e similarity 208, member A (FAM208A), transcript variant 2, mRNA;

hiosulfate sulfurtransferase (rhodanese)-like domain containing 1 (TSTD1), transcript variant 2, mRNA; g

ity 65, member B (FAM65B), transcript variant 2, mRNA;  
077|ref|NM\_014917.2| Homo sapiens netrin G1 (NTNG1), transcript variant 3, mRNA;

: polypeptide 54 (DDX54), transcript variant 2, mRNA;  
M\_139035.2| Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of chromatin

3 similarity 131, member B (FAM131B), transcript variant a, mRNA;

E1), transcript variant 4, mRNA; gi|164519135|ref|NM\_001113347.1| Homo sapiens endothelin conver  
BC1D14), transcript variant 2, mRNA; gi|164565380|ref|NM\_001113363.1| Homo sapiens TBC1 domain  
iant 2, mRNA;

it variant 2, mRNA; gi|164663779|ref|NM\_001113398.1| Homo sapiens zinc finger protein 385B (ZNF38  
of mitotic exit network 1 homolog (S. cerevisiae) (AMN1), transcript variant 2, non-coding RNA;

5), transcript variant A, mRNA;

mRNA;  
oprotein 11 (PSG11), transcript variant 2, mRNA; gi|42560239|ref|NM\_002785.2| Homo sapiens pregn  
hate synthetase 1 (PRPS1), transcript variant 2, mRNA;

4), transcript variant 1, mRNA; gi|164664487|ref|NM\_001113380.1| Homo sapiens regulator of G-prote

ase 6 (DDX6), transcript variant 2, mRNA;

4L), transcript variant 3, mRNA; gi|164698458|ref|NM\_001031740.2| Homo sapiens mannosidase, endo  
|ref|NM\_006640.4| Homo sapiens septin 9 (SEPT9), transcript variant 3, mRNA; gi|164698501|ref|NM

ymerase family, member 15 (PARP15), transcript variant 2, mRNA;

ant b, mRNA;  
script variant 1, mRNA;

ort 122 homolog (Chlamydomonas) (IFT122), transcript variant 1, mRNA; gi|16554618|ref|NM\_018262.

transcript variant 2, mRNA;  
iant 1, mRNA;

17A), transcript variant 1, mRNA;

2 pseudogene (SCAND2), transcript variant 1, non-coding RNA;  
ranscript variant 1, mRNA;

tide exchange factor (GEF) 7 (ARHGEF7), transcript variant 5, mRNA; gi|166064031|ref|NM\_003899.3|  
variant 3, mRNA; gi|166064051|ref|NM\_001113534.1| Homo sapiens folate receptor 2 (fetal) (FOLR2),  
3 (SLC22A18), transcript variant 1, mRNA;  
iastase, non-receptor type 6 (PTPN6), transcript variant 1, mRNA; gi|166064065|ref|NM\_080549.3| Hor

delta, mRNA; gi|166158919|ref|NM\_013997.2| Homo sapiens tachykinin, precursor 1 (TAC1), transcrip



LD3), transcript variant 2, mRNA;

de exchange factor (NGEF), transcript variant 2, mRNA;

D3), transcript variant 2, mRNA;

. cerevisiae) (LSM14A), transcript variant 2, mRNA;

phage) (CSF1), transcript variant 1, mRNA; gi|166235149|ref|NM\_172210.2| Homo sapiens colony stim

5 (TYW5), transcript variant 1, mRNA;

3 (SLC44A3), transcript variant 1, mRNA;

! (TTC22), transcript variant 1, mRNA;

cleoside triphosphate diphosphohydrolase 6 (putative) (ENTPD6), transcript variant 2, mRNA;

ionent 1, q subcomponent, C chain (C1QC), transcript variant 2, mRNA;

pt variant 2, mRNA;

nt 1, mRNA;

band 4.2 (EPB42), transcript variant 1, mRNA;

t 2, mRNA;

lement binding transcription factor 2 (MTF2), transcript variant 2, mRNA; gi|256419011|ref|NM\_00116

itide-3-kinase, regulatory subunit 3 (gamma) (PIK3R3), transcript variant 2, mRNA;

mRNA;

19041.5| Homo sapiens mitochondrial translational release factor 1-like (MTRF1L), nuclear gene encodi

se (SDR family) member 2 (DHRS2), transcript variant 2, mRNA;

-like factor 3 (ets domain transcription factor, epithelial-specific ) (ELF3), transcript variant 1, mRNA;

1 (GRM1), transcript variant 2, mRNA;

rcoma viral oncogene homolog B (FOSB), transcript variant 2, mRNA;

d (GABA) B receptor, 1 (GABBR1), transcript variant 1, mRNA; gi|167000329|ref|NM\_021903.2| Homo :

outyric acid (GABA) A receptor, alpha 2 (GABRA2), transcript variant 1, mRNA;

, AMPA 1 (GRIA1), transcript variant 1, mRNA;

;

iant 3, mRNA;

containing 17 (ZBTB17), transcript variant 1, mRNA;

mRNA; gi|116256351|ref|NM\_000548.3| Homo sapiens tuberous sclerosis 2 (TSC2), transcript variant 1

log (S. cerevisiae) (CDC27), transcript variant 2, mRNA;

NM\_002209.2| Homo sapiens integrin, alpha L (antigen CD11A (p180), lymphocyte function-associated

erine 11A (TMPRSS11A), transcript variant 2, mRNA;

4 (PAPD4), transcript variant 3, mRNA; gi|167555098|ref|NM\_001114394.1| Homo sapiens PAP associ  
ranscript variant 1, mRNA;

ceptor subfamily D, member 1 (KLRD1), transcript variant 2, mRNA; gi|167614497|ref|NM\_001114396.

2, mRNA; gi|15967160|ref|NM\_033508.1| Homo sapiens glucokinase (hexokinase 4) (GCK), transcript

ase domain containing (ASPDH), transcript variant 2, mRNA;  
; frame 144 (C1orf144), transcript variant 2, mRNA;

: polypeptide 36 (DHX36), transcript variant 2, mRNA;

ein (MFGE8), transcript variant 2, mRNA;

sapiens mannosyl (alpha-1,3-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase (MGAT1), transcri

51), transcript variant 3, mRNA; gi|167857793|ref|NM\_002655.2| Homo sapiens pleiomorphic adenom  
MJD7-PLA2G4B), transcript variant 3, mRNA;

ntation group L (FANCL), transcript variant 1, mRNA;

transcript variant 2, mRNA;

|ref|NM\_183050.2| Homo sapiens branched chain keto acid dehydrogenase E1, beta polypeptide (BCKI  
variant 1, mRNA;

chain family member 4 (ACSL4), transcript variant 1, mRNA;

;

ipt variant 2, mRNA; gi|307133774|ref|NM\_001195573.1| Homo sapiens dicer 1, ribonuclease type III

sapiens CD55 molecule, decay accelerating factor for complement (Cromer blood group) (CD55), transc

ariant 2, mRNA;

483 (LOC256483), mRNA;

in LOC100130800 (LOC100130800), mRNA;

OC128322), mRNA;

s-trans isomerase A-like (LOC650157), mRNA;

moting complex subunit 1-like, transcript variant 2 (LOC730268), mRNA; gi|341915148|ref|XM\_002342

391 (LOC642891), mRNA;

30 (LOC401180), mRNA;

in LOC100127961 (LOC100127961), mRNA;  
in LOC100131608 (LOC100131608), mRNA;

in LOC100133047 (LOC100133047), mRNA;  
in LOC100129098 (LOC100129098), mRNA;  
tubule-associated proteins 1A/1B light chain 3B-like (LOC392288), mRNA;  
in LOC100129744 (LOC100129744), mRNA;  
570 (LOC646670), mRNA;

in LOC100130370 (LOC100130370), mRNA;  
in LOC100128105 (LOC100128105), mRNA;  
729626 (LOC729626), mRNA;

RNA;  
NA; gi|169234655|ref|NM\_003722.4| Homo sapiens tumor protein p63 (TP63), transcript variant 1, m  
pt variant 2, mRNA; gi|169234722|ref|NM\_001115008.1| Homo sapiens lin-54 homolog (C. elegans) (LI  
io sapiens mitochondrial ribosomal protein L11 (MRPL11), nuclear gene encoding mitochondrial protein

subunit 3 (KANSL3), transcript variant 1, mRNA;

t 1, mRNA;

IGDS/AF-6) domain family member 2 (RASSF2), transcript variant 2, mRNA;  
family 3, subfamily A, polypeptide 43 (CYP3A43), transcript variant 1, mRNA; gi|17738315|ref|NM\_057

i|7019356|ref|NM\_005209.1| Homo sapiens crystallin, beta A2 (CRYBA2), transcript variant 1, mRNA;  
nscript variant 1, mRNA;

io sapiens mitochondrial ribosomal protein L24 (MRPL24), nuclear gene encoding mitochondrial protein,

nt 2, mRNA;

io sapiens mitochondrial ribosomal protein L35 (MRPL35), nuclear gene encoding mitochondrial protein,

lomo sapiens mitochondrial ribosomal protein L22 (MRPL22), nuclear gene encoding mitochondrial protein,

io sapiens mitochondrial ribosomal protein L52 (MRPL52), nuclear gene encoding mitochondrial protein,

io sapiens mitochondrial ribosomal protein L55 (MRPL55), nuclear gene encoding mitochondrial protein,

t variant 1, mRNA;

gi|169646753|ref|NM\_001118888.1| Homo sapiens angiopoietin 2 (ANGPT2), transcript variant 3, mRNA  
, transcript variant 4, mRNA; gi|343887373|ref|NM\_001243658.1| Homo sapiens glutaredoxin (thioltra

protein receptor, type IB (BMPRI1B), transcript variant 4, mRNA; gi|377823722|ref|NM\_001256792.1| H

brane protein 2 (LAMP2), transcript variant C, mRNA; gi|169790831|ref|NM\_013995.2| Homo sapiens l

1 (RUNX1), transcript variant 2, mRNA; gi|169790829|ref|NM\_001754.4| Homo sapiens runt-related tr

ein (BCCIP), transcript variant A, mRNA; gi|169790846|ref|NM\_078469.2| Homo sapiens BRCA2 and C

ase inhibitor 1C (p57, Kip2) (CDKN1C), transcript variant 1, mRNA; gi|169790898|ref|NM\_001122630.1

NM\_021808.3| Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyl

thyltetrahydrofolate-homocysteine methyltransferase reductase (MTRR), transcript variant 1, mRNA;

, E3 ubiquitin protein ligase (parkin) (PARK2), transcript variant 1, mRNA; gi|169790970|ref|NM\_01398

t variant 2, mRNA;

-Asp) box polypeptide 3, Y-linked (DDX3Y), transcript variant 1, mRNA;

ipt variant 2, mRNA; gi|169881255|ref|NM\_033001.2| Homo sapiens general transcription factor Ili (G

anscript variant 2, mRNA;

1 (muscle) (PHKA1), transcript variant 3, mRNA; gi|169881272|ref|NM\_002637.3| Homo sapiens phos

, cytoplasmic (CCBL1), transcript variant 1, mRNA; gi|169881278|ref|NM\_001122671.1| Homo sapiens

tte, sub-family D (ALD), member 3 (ABCD3), transcript variant 1, mRNA;

ariant 3, mRNA;

, transcript variant 1, mRNA; gi|224994220|ref|NM\_001145856.1| Homo sapiens SH3-domain binding



U; gi|170295799|ref|NM\_001122740.1| Homo sapiens estrogen receptor 1 (ESR1), transcript variant 2  
ptidase inhibitor, clade I (neuroserpin), member 1 (SERPINI1), transcript variant 2, mRNA;

ns protoporphyrinogen oxidase (PPOX), nuclear gene encoding mitochondrial protein, transcript variant  
3 (SLC22A23), transcript variant 1, mRNA;

containing 37 (ZBTB37), transcript variant 2, mRNA;

factor beta regulator 1 (TBRG1), transcript variant 1, mRNA;

cript variant alpha, mRNA;

ariant 1, mRNA;

ption factor IIIC, polypeptide 5, 63kDa (GTF3C5), transcript variant 2, mRNA;

roprotein 1 (ESRP1), transcript variant 3, mRNA; gi|170763532|ref|NM\_001122827.1| Homo sapiens epit  
variant 2, mRNA;

(C1orf9), transcript variant 1, mRNA;

nt 1, mRNA;  
pt variant 1, mRNA; gi|170784855|ref|NM\_032944.2| Homo sapiens serine/threonine kinase 31 (STK31

family 50 (sugar transporter), member 1 (SLC50A1), transcript variant 3, mRNA; gi|170932478|ref|NM\_

dylethanolamine phospholipase D (NAPEPLD), transcript variant 1, mRNA;

cript variant 2, mRNA;

1460915|ref|NM\_012063.2| Homo sapiens dynamin 1-like (DNM1L), transcript variant 2, mRNA;

ferase 1 (LIPT1), nuclear gene encoding mitochondrial protein, transcript variant 4, mRNA; gi|32565194.

nscript variant 2, mRNA;

1, alpha 3 (antigen CD49C, alpha 3 subunit of VLA-3 receptor) (ITGA3), transcript variant a, mRNA;

receptor (peripheral) associated protein 1 (BZRAP1), transcript variant 2, mRNA;

74|ref|NM\_001122956.1| Homo sapiens drebrin-like (DBNL), transcript variant 3, mRNA;

2957.1| Homo sapiens branched chain ketoacid dehydrogenase kinase (BCKDK), nuclear gene encoding

9018|ref|NM\_001160210.1| Homo sapiens solute carrier family 25 (aspartate/glutamate carrier), mem

etor status included) (FUT2), transcript variant 2, mRNA;

2, suppressor of mek1 (Dictyostelium) (SMEK2), transcript variant 2, mRNA;

A1), transcript variant 4, mRNA; gi|172072604|ref|NM\_172058.2| Homo sapiens eyes absent homolog

variant 2, mRNA;

ry subunit 4 (PPP4R4), transcript variant 2, mRNA;

, transcript variant 2, mRNA;

29 homolog (S. cerevisiae) (VPS29), transcript variant 1, mRNA;

V integration site family, member 16 (WNT16), transcript variant 1, mRNA;

V integration site family, member 5B (WNT5B), transcript variant 1, mRNA;

A; gi|178057343|ref|NR\_021490.1| Homo sapiens uncharacterized LOC441094 (FLJ42709), non-coding

5 homolog (S. cerevisiae) (VPS16), transcript variant 1, mRNA;

i (PUF60), transcript variant c, mRNA; gi|17978510|ref|NM\_014281.3| Homo sapiens poly-U binding sp

16.1| Homo sapiens T-box 1 (TBX1), transcript variant A, mRNA;

omo sapiens prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase) (

), transcript variant 2, mRNA;

nRNA;

58.2 | Homo sapiens integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDP

domain protein 1 (NSD1), transcript variant 2, mRNA;

41 | ref|NM\_001244972.1 | Homo sapiens neuropilin 1 (NRP1), transcript variant 4, mRNA; gi|35027625

staining 1 (ZBTB1), transcript variant 1, mRNA;

og (mouse) (MDM1), transcript variant 4, mRNA; gi|182515229 | ref|NM\_020128.2 | Homo sapiens Mdr

transcript variant 1, mRNA;

| ref|NM\_133645.2 | Homo sapiens mitochondrial translation optimization 1 homolog (S. cerevisiae) (M

RNA;

2, mRNA;

RNA;

VA; gi|183396781 | ref|NM\_017745.5 | Homo sapiens BCL6 corepressor (BCOR), transcript variant 1, mR

ansient receptor potential cation channel, subfamily M, member 6 (TRPM6), transcript variant c, mRNA;

transcript variant 1, mRNA; gi|183396779 | ref|NM\_001110303.2 | Homo sapiens ubiquitin specific pept



ear ribonucleoprotein U-like 1 (HNRNPUL1), transcript variant 1, mRNA;

ene family-like 2A (RABL2A), transcript variant 1, mRNA;

io sapiens mitochondrial ribosomal protein S21 (MRPS21), nuclear gene encoding mitochondrial protein  
ariant 2, mRNA;

(RACGAP1), transcript variant 3, mRNA; gi|186910298|ref|NM\_013277.3| Homo sapiens Rac GTPase ac

s solute carrier family 12 (sodium/chloride transporters), member 3 (SLC12A3), transcript variant 2, mRN

4DGF), transcript variant 3, mRNA; gi|186928817|ref|NM\_004494.2| Homo sapiens hepatoma-derived

rader-Willi/Angelman syndrome 1 (NIPA1), transcript variant 2, mRNA;

2, mRNA; gi|186928859|ref|NM\_001126122.1| Homo sapiens solute carrier family 25 (mitochondrial tl

tress induced growth inhibitor family member 2 (OSGIN2), transcript variant 2, mRNA;

ein (CIRBP), transcript variant 3, non-coding RNA; gi|186972139|ref|NM\_001280.2| Homo sapiens cold

se C substrate, RC3) (NRGN), transcript variant 1, mRNA;

[PRB1), transcript variant 3, mRNA; gi|187165255|ref|NM\_005039.3| Homo sapiens proline-rich protei

io sapiens mitochondrial ribosomal protein S33 (MRPS33), nuclear gene encoding mitochondrial protein

3 homolog) (GINS3), transcript variant 1, mRNA; gi|187169262|ref|NM\_022770.3| Homo sapiens GINS  
ariant 1, mRNA;

(POLG), transcript variant 2, mRNA;  
[TNNT1), transcript variant 3, mRNA; gi|187173287|ref|NM\_003283.4| Homo sapiens troponin T type 1

ie 1 (neuronal) adaptor protein (NOS1AP), transcript variant 3, mRNA; gi|186910182|ref|NM\_00112606

RNA;  
ef|NM\_001243036.1| Homo sapiens solute carrier family 7 (glycoprotein-associated amino acid transpo  
A;

ranscript variant 2, non-coding RNA;

se-activated calcium modulator 2 (ORAI2), transcript variant 1, mRNA;

eat, SAM and basic leucine zipper domain containing 1 (ASZ1), transcript variant 2, non-coding RNA;

: variant 1, mRNA;

sitol glycan anchor biosynthesis, class G (PIGG), transcript variant 2, mRNA;



ipt variant 2, mRNA;

ariant 4, non-coding RNA; gi|371122776|ref|NR\_045784.1| Homo sapiens chitinase 1 (chitotriosidase) (

ger, nucleic acid binding protein (CNBP), transcript variant 1, mRNA; gi|187608737|ref|NM\_001127194

omain transcription factor) (ELF4), transcript variant 1, mRNA;

ranscript variant 1, mRNA;

4 (CELF4), transcript variant 2, mRNA; gi|187761297|ref|NM\_020180.3| Homo sapiens CUGBP, Elav-like

OX2), transcript variant 1, mRNA; gi|187761305|ref|NM\_002134.3| Homo sapiens heme oxygenase (de  
01127207.1| Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of chromatin

sapiens TAF1 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 250kDa (TAF1), trans

endent 1 transcription repressor (GFI1), transcript variant 1, mRNA; gi|187761348|ref|NM\_001127215.

ref|NM\_001127176.1| Homo sapiens maestro (MRO), transcript variant 4, mRNA; gi|187761374|ref|N

cus E (LY6E), transcript variant 2, mRNA;

B, member 1 (MAN2B1), transcript variant 2, mRNA;

it regulatory protein (CD59), transcript variant 1, mRNA; gi|187828909|ref|NM\_001127223.1| Homo sapiens  
ot variant 3, non-coding RNA; gi|187829205|ref|NR\_023318.1| Homo sapiens ADP-dependent glucokinase  
; protein 1 (AURKAIP1), transcript variant 3, mRNA; gi|187829327|ref|NM\_017900.2| Homo sapiens au

'S2), transcript variant 1, mRNA; gi|187829451|ref|NM\_001127231.1| Homo sapiens autism susceptibility

eat containing 8 family, member A (LRRC8A), transcript variant 1, mRNA; gi|187829873|ref|NM\_019590.1|  
omo sapiens 1-aminocyclopropane-1-carboxylate synthase homolog (Arabidopsis)(non-functional) (ACCS)

1C), transcript variant 2, mRNA;

ript variant 3, mRNA; gi|359279858|ref|NM\_001253723.1| Homo sapiens dihydropyrimidinase-like 5 (DHPY5)  
IA;  
family 39 (zinc transporter), member 10 (SLC39A10), transcript variant 2, mRNA;

!9), transcript variant 1, mRNA;

7 (NLRP7), transcript variant 2, mRNA; gi|187937175|ref|NM\_001127255.1| Homo sapiens NLR family, CARD domain

2, mRNA;

cient-like 2 (yeast) (MAD2L2), transcript variant 2, mRNA;

4\_000016.4| Homo sapiens acyl-CoA dehydrogenase, C-4 to C-12 straight chain (ACADM), nuclear gene

1, mRNA; gi|188035907|ref|NM\_001127321.1| Homo sapiens chromobox homolog 5 (CBX5), transcrip

:transcript variant 2, mRNA;

mRNA;

in transcription factor 2 (PHTF2), transcript variant 5, mRNA; gi|188219570|ref|NM\_001127358.1| Hor  
tiant 2, mRNA;

-associated RNA binding protein (TIA1), transcript variant 1, mRNA;

e similarity 221, member A (FAM221A), transcript variant 1, mRNA; gi|188219621|ref|NM\_001127365.

kinase suppressor of Ras 1 (CNKSR1), transcript variant 2, non-coding RNA;  
ng 12 (NLRP12), transcript variant 2, mRNA;

NA; gi|214830450|ref|NM\_001142299.1| Homo sapiens sequestosome 1 (SQSTM1), transcript variant 3  
, mRNA;

regulatory subunit B, beta (PPP2R2B), transcript variant 1, mRNA; gi|188497695|ref|NM\_001127381.1

g 2 (CYB5D2), transcript variant 3, mRNA; gi|363543338|ref|NM\_001254755.1| Homo sapiens cytochrome  
ciated protein), alpha 3 (CTNNA3), transcript variant 1, mRNA;

1), nuclear gene encoding mitochondrial protein, transcript variant 3, mRNA; gi|188497749|ref|NM\_03UBAP2L), transcript variant 1, mRNA;

ning 1 (APOLD1), transcript variant 1, mRNA;

ing endonuclease 15 homolog (*S. cerevisiae*) (TSEN15), transcript variant 1, mRNA; gi|190360569|ref|N

, transcript variant 2, mRNA;  
ipt variant 2, mRNA;

t variant 1, mRNA; gi|344313154|ref|NM\_001243759.1| Homo sapiens ubiquitin specific peptidase 2 (l

ipt variant 3, mRNA; gi|188528709|ref|NM\_001127401.1| Homo sapiens yippee-like 5 (*Drosophila*) (YF  
frame 2 (C14orf2), transcript variant 2, mRNA;  
anscript variant 1, mRNA;

non-coding RNA;

omplex, subunit beta 2 (beta prime) (COPB2), transcript variant 2, non-coding RNA;  
rRNA; gi|188536054|ref|NM\_001127442.1| Homo sapiens carboxypeptidase A5 (CPA5), transcript vari:  
spondin receptor) (CD36), transcript variant 2, mRNA; gi|188536058|ref|NM\_001001548.2| Homo sap

o sapiens 4-aminobutyrate aminotransferase (ABAT), transcript variant 3, mRNA; gi|188536078|ref|NM

2), transcript variant 1, mRNA;

2, mRNA;

ript variant 1, mRNA; gi|188595646|ref|NR\_023351.1| Homo sapiens SPRY domain containing 7 (SPRYC

gi|188595681|ref|NM\_001127493.1| Homo sapiens ankyrin 2, neuronal (ANK2), transcript variant 3, m  
ion transport regulator 2 (FXRD2), transcript variant a, mRNA;

ot variant S, mRNA; gi|188595671|ref|NM\_020985.3| Homo sapiens choline O-acetyltransferase (CHAT  
tegrin, beta 2 (complement component 3 receptor 3 and 4 subunit) (ITGB2), transcript variant 1, mRNA;

), transcript variant 2, mRNA;

ame 52 (C3orf52), transcript variant 1, mRNA;

Homo sapiens carnitine palmitoyltransferase 1A (liver) (CPT1A), nuclear gene encoding mitochondrial p

3|ref|NM\_078470.4| Homo sapiens COX15 homolog, cytochrome c oxidase assembly protein (yeast) (C

ne amidohydrolase (acid ceramidase) 1 (ASAH1), transcript variant 3, mRNA; gi|189011547|ref|NM\_17

sapiens amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 12 (ALS2CR12), transcr

ipt variant 1, mRNA;

MRK1), transcript variant 1, mRNA; gi|189027123|ref|NM\_001127603.1| Homo sapiens nicotinamide ri

nase similarity 189, member A2 (FAM189A2), transcript variant 1, mRNA;

578|ref|NM\_000280.3| Homo sapiens paired box 6 (PAX6), transcript variant 1, mRNA;

0, family 19, subfamily A, polypeptide 1 (CYP19A1), transcript variant 1, mRNA;  
ase (FECH), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;  
y 12, member A (CLEC12A), transcript variant 3, mRNA; gi|189181661|ref|NM\_201623.3| Homo sapien  
riant 2, mRNA;

ng factor (NIMA-interacting) 1 (TERF1), transcript variant 2, mRNA;

transcript variant 1, mRNA;

transcript variant 1, mRNA;

transducer and activator of transcription 1, 91kDa (STAT1), transcript variant alpha, mRNA;

2, non-coding RNA;

mRNA;

coding RNA; gi|314122346|ref|NM\_001199682.1| Homo sapiens RWD domain containing 3 (RWDD3), transcript variant 1, mRNA; gi|189458897|ref|NM\_001128179.1| Homo sapiens PMS1, transcript variant 1, mRNA; gi|189458897|ref|NM\_001128179.1| Homo sapiens PMS1, transcript variant 1, mRNA;

ubiquitin-protein ligase 1a (UBP1), transcript variant 3, mRNA; gi|189491629|ref|NM\_014517.4| Homo sapiens upstream binding factor 1 (UBF1), transcript variant 1, mRNA;

transcript variant 2, mRNA;

transcript variant 2, mRNA; gi|189491737|ref|NM\_001032287.2| Homo sapiens NR2C1, transcript variant 3, mRNA; gi|189491737|ref|NM\_001032287.2| Homo sapiens NR2C1, transcript variant 3, mRNA;

activated kinase 3 (PAK3), transcript variant 1, mRNA; gi|189491756|ref|NM\_001128172.1| Homo sapiens PAK3, transcript variant 1, mRNA;

transcript variant 3, mRNA; gi|189491777|ref|NM\_001128179.1| Homo sapiens nephronophthisis 1 (juvenile), transcript variant 1, mRNA;

mRNA; gi|312147268|ref|NM\_001198941.1| Homo sapiens dystrobrevin, alpha (DTNA), transcript variant 1, mRNA;

transcript variant 2, mRNA;



17|ref|NM\_001128204.1| Homo sapiens sulfatase 1 (SULF1), transcript variant 4, mRNA; gi|189571640

ong transcript-like 1 (LEPROTL1), transcript variant 2, mRNA;

nicotinic, alpha 1 (muscle) (CHRNA1), transcript variant 2, mRNA;

1, delta (35kDa dystrophin-associated glycoprotein) (SGCD), transcript variant 2, mRNA; gi|189571660|r

rain containing 2 (SPRED2), transcript variant 1, mRNA;

ranscript variant 2, mRNA;

repeat, sterile alpha motif and U-box domain containing 1 (WDSUB1), transcript variant 1, mRNA; gi|1895

nnel tetramerisation domain containing 6 (KCTD6), transcript variant 1, mRNA;

(PSIP1), transcript variant 1, mRNA; gi|190014584|ref|NM\_033222.3| Homo sapiens PC4 and SFRS1 in  
pt variant 4, mRNA; gi|190014592|ref|NM\_001128219.1| Homo sapiens vestigial like 4 (Drosophila) (V

stmeiotic segregation increased 2 (*S. cerevisiae*) (PMS2), transcript variant 1, mRNA;

ant 1, mRNA;

; (*S. cerevisiae*) (DIS3), transcript variant 2, mRNA;

ariant 2, mRNA; gi|190194366|ref|NM\_020424.3| Homo sapiens LYR motif containing 1 (LYRM1), trans  
ticopper oxidoreductase) domain containing 1 (LACC1), transcript variant 1, mRNA;  
ript variant 1, mRNA; gi|293336136|ref|NM\_001177304.1| Homo sapiens phospholipid scramblase 4 (l

eudogene 1 (RNF216P1), transcript variant 2, non-coding RNA; gi|190194406|ref|NR\_023385.1| Homo

;  
t 1, mRNA;

04), transcript variant 1, mRNA;

ning E3 ubiquitin protein ligase 2 (HECTD2), transcript variant 1, mRNA;

ane domain containing 4 (VSTM4), transcript variant 1, mRNA;

t variant 1, mRNA;

variant c, mRNA; gi|297139786|ref|NM\_001185015.1| Homo sapiens SP110 nuclear body protein (SP1

cassette, sub-family C (CFTR/MRP), member 6 (ABCC6), transcript variant 2, mRNA;

ence similarity 198, member B (FAM198B), transcript variant 3, mRNA; gi|190358491|ref|NM\_016613.1|  
or-related protein complex 1 associated regulatory protein (AP1AR), transcript variant 2, mRNA;

.90358523|ref|NM\_001128428.1| Homo sapiens follistatin-like 5 (FSTL5), transcript variant 3, mRNA;

nbrane protein band 4.9 (dematin) (EPB49), transcript variant 6, mRNA; gi|166706880|ref|NM\_001114

GBA3), transcript variant 2, mRNA;  
8423.1| Homo sapiens MPV17 mitochondrial membrane protein-like (MPV17L), nuclear gene encoding i

n-protein coding RNA 476 (LINC00476), transcript variant 1, non-coding RNA;

ome (prosome, macropain) assembly chaperone 4 (PSMG4), transcript variant 1, mRNA; gi|209364533|i

ript variant 2, mRNA; gi|190610019|ref|NM\_001128596.1| Homo sapiens tandem C2 domains, nuclear

nyl releasing protein 1 (calcium and DAG-regulated) (RASGRP1), transcript variant 2, mRNA;  
is solute carrier family 2 (facilitated glucose transporter), member 11 (SLC2A11), transcript variant 2, mF  
ed protein kinase binding protein 1 (MAPKBP1), transcript variant 2, mRNA;

ranscript variant 2, mRNA; gi|190684689|ref|NM\_005154.3| Homo sapiens ubiquitin specific peptidase  
nucleoside diphosphate linked moiety X)-type motif 22 (NUDT22), transcript variant 1, mRNA; gi|190885

metallopeptidase with thrombospondin type 1 motif, 13 (ADAMTS13), transcript variant 3, mRNA; gi|1  
lomo sapiens iron-sulfur cluster scaffold homolog (E. coli) (ISCU), nuclear gene encoding mitochondrial p

tide exchange factor (GEF) 3 (ARHGEF3), transcript variant 3, mRNA; gi|190885496|ref|NM\_001128616  
rain containing 1 (REPS1), transcript variant 1, mRNA;

ot variant 2, mRNA; gi|345199271|ref|NR\_045089.1| Homo sapiens thymic stromal lymphopoietin (TSL  
vated kinase 1 (PAK1), transcript variant 1, mRNA;

transcript variant 2, mRNA; gi|191250774|ref|NM\_001128627.1| Homo sapiens spire homolog 1 (Drosophila)

activated kinase 6 (PAK6), transcript variant 2, mRNA; gi|191252778|ref|NM\_020168.4| Homo sapiens  
activated kinase 7 (PAK7), transcript variant 1, mRNA;  
protein containing (DCAKD), transcript variant 2, mRNA;

transcript variant 2, mRNA;

subunit component (F8), transcript variant 2, mRNA;

containing 4 (ZBTB4), transcript variant 1, mRNA;

Calcium channel, voltage-dependent, L type, alpha 1D subunit (CACNA1D), transcript variant 3, mRNA; gi|191252778|ref|NM\_001128847.1| Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of chromatin (RRAD), transcript variant 1, mRNA;  
protein molecule homolog (Arabidopsis) (SRRT), transcript variant 1, mRNA; gi|192807333|ref|NM\_001128847.1|

poly(Glu-Ala-Asp/His) box helicase 11 like 2 (DDX11L2), transcript variant 1, non-coding RNA;  
transcript variant 2, mRNA;

transcript variant 4, mRNA; gi|193083104|ref|NM\_001098620.2| Homo sapiens poly(rC) binding protein 2 (PCBP2), transcript variant 1, mRNA; gi|193083119|ref|NM\_001128915.1| Homo sapiens cytochrome P450, family 24, subfamily A, polypeptide 1 (CYP24A1), transcript variant 1, mRNA; gi|193083119|ref|NM\_001128916.1| Homo sapiens translocase of outer mitochondrial membrane 40 homolog (LOC100289119), transcript variant 1, mRNA; gi|193083126|ref|NM\_001128919.1| Homo sapiens mitogen-activated protein kinase 3 (MARK3), transcript variant 5, mRNA;

transcript variant 1, mRNA; gi|193083126|ref|NM\_001128919.1| Homo sapiens mitogen-activated protein kinase 3 (MARK3), transcript variant 5, mRNA;  
transcript variant 4, mRNA; gi|193083144|ref|NM\_001128924.1| Homo sapiens SH3 domain containing protein 1 (SH3BP1), transcript variant 1, mRNA; gi|193083144|ref|NM\_001128924.1| Homo sapiens SH3 domain containing protein 1 (SH3BP1), transcript variant 1, mRNA;  
Homo sapiens acyl-CoA dehydrogenase family, member 9 (ACAD9), transcript variant 2, non-coding RNA  
transcript variant 1, mRNA; gi|193083144|ref|NM\_001128924.1| Homo sapiens SH3 domain containing protein 1 (SH3BP1), transcript variant 1, mRNA;

protein 1 homolog (S. cerevisiae) (NAF1), transcript variant 2, mRNA;

CYP450, family 4, subfamily F, polypeptide 11 (CYP4F11), transcript variant 2, mRNA;

; gi|193083184|ref|NM\_001128933.1| Homo sapiens synaptopodin 2 (SYNPO2), transcript variant 2, mRNA-protein coding RNA 339 (LINC00339), transcript variant 1, non-coding RNA;

1 reading frame 167 (C14orf167), transcript variant 3, non-coding RNA; gi|193083193|ref|NR\_023922.1

non-protein coding RNA 470 (LINC00470), transcript variant 1, non-coding RNA; gi|193083201|ref|NR\_02

transcript variant 2, mRNA;

polypeptide A3 (UGT2A3), non-coding RNA;

Homo sapiens pleckstrin homology domain containing, family G (with RhoGef domain) member 4 (PLEKHG2+/Mn2+ dependent, 1A (PPM1A), transcript variant 1, mRNA; gi|193211599|ref|NM\_177952.2| Homo

said dehydrogenase-like (NSDHL), transcript variant 1, mRNA;

Calcium channel, voltage-dependent, L type, alpha 1C subunit (CACNA1C), transcript variant 9, mRNA; gi|1

subfamily C, member 2 (DNAJC2), transcript variant 1, mRNA;  
variant 3, mRNA; gi|193788635|ref|NM\_032687.3| Homo sapiens cysteine/histidine-rich 1 (CYHR1), tran:  
Homo sapiens dopachrome tautomerase (dopachrome delta-isomerase, tyrosine-related protein 2) (DCT), i

calcium/calmodulin-dependent serine protein kinase (MAGUK family) (CASK), transcript variant 1, mRNA; g  
variant 2, mRNA;

variant 2, mRNA;

exon 36 (CXorf36), transcript variant 2, mRNA;  
frame 57 (CXorf57), transcript variant 2, mRNA;  
673), transcript variant 4, mRNA; gi|193804926|ref|NM\_001129899.1| Homo sapiens zinc finger family

domain 2 (stretch responsive muscle) (ANKRD2), transcript variant 1, mRNA;

channel tetramerisation domain containing 15 (KCTD15), transcript variant 1, mRNA; gi|194018442|ref|I

.D2B), transcript variant 2, mRNA;

y 12, member B (CLEC12B), transcript variant 2, mRNA;

:ript variant 2, mRNA; gi|194018519|ref|NM\_002094.3| Homo sapiens G1 to S phase transition 1 (GSPT

1 (Drosophila) (GEN1), transcript variant 1, mRNA;

ng frame 41 (C15orf41), transcript variant 2, mRNA;

RNA;

transcript variant 1, mRNA;  
ant 2, mRNA;

|194097349|ref|NM\_001130004.1| Homo sapiens actinin, alpha 1 (ACTN1), transcript variant 1, mRNA;

L, mRNA;

protein 5 (PSG5), transcript variant 1, mRNA;

nscript variant 1, mRNA;

transporting, lysosomal V0 subunit a1 (ATP6V0A1), transcript variant 2, mRNA; gi|77539781|ref|NM\_005

ant 2, mRNA;

2 (influences HLA class II expression) (RFX2), transcript variant 2, mRNA;

3 similarity 115, member C (FAM115C), transcript variant 2, mRNA; gi|293651620|ref|NM\_001130026.1

isine phosphatase, receptor type, N polypeptide 2 (PTPRN2), transcript variant 2, mRNA; gi|194097441|

variant 1, mRNA; gi|194097463|ref|NM\_017656.3| Homo sapiens zinc finger protein 562 (ZNF562), tra

piens pleckstrin homology domain containing, family B (evectins) member 1 (PLEKHB1), transcript variar

; 1 (ELMOD1), transcript variant 1, mRNA;

nt variant RANBP3-a, mRNA; gi|194097485|ref|NM\_007322.2| Homo sapiens RAN binding protein 3 (R/5 (SLC44A5), transcript variant 1, mRNA;

7), transcript variant 5, mRNA; gi|194239641|ref|NM\_006856.2| Homo sapiens activating transcription

: homology 2 domain containing) transforming protein 1 (SHC1), transcript variant 3, mRNA; gi|1942396

e) (CRYZ), transcript variant 3, mRNA; gi|197927206|ref|NM\_001134759.1| Homo sapiens crystallin, ze  
ce family, member 10 (TTLL10), transcript variant 1, mRNA;



hila) (SIM2), transcript variant SIM2s, mRNA;  
)), transcript variant 1, mRNA;

nsript variant 2, mRNA;  
cript variant 4, mRNA; gi|194239703|ref|NM\_015296.2| Homo sapiens dedicator of cytokinesis 9 (DOC

irting, plasma membrane 2 (ATP2B2), transcript variant 1, mRNA;

2 (GRM2), transcript variant 1, mRNA;

ant 2, mRNA;  
anscript variant 1, mRNA;  
asp (abnormal spindle) homolog, microcephaly associated (Drosophila) (ASPM), transcript variant 2, mRI

.), transcript variant 3, mRNA; gi|194248065|ref|NM\_145036.3| Homo sapiens centrosomal protein 11.

cript variant 2, mRNA;  
V\_001130071.1| Homo sapiens epsin 1 (EPN1), transcript variant 1, mRNA;

tassium voltage-gated channel, subfamily H (eag-related), member 1 (KCNH1), transcript variant 2, mRN

ey leukemia virus 10, homolog (mouse) (MOV10), transcript variant 2, mRNA;  
!7 (IFI27), transcript variant 2, mRNA;

ein family, member 2 (ABLIM2), transcript variant 7, mRNA; gi|194272195|ref|NM\_001130083.1| Hom  
mRNA;

(LRRC48), transcript variant 1, mRNA; gi|194272223|ref|NM\_031294.3| Homo sapiens leucine rich rep

ipt variant 2, mRNA; gi|94536857|ref|NM\_005550.3| Homo sapiens kinesin family member C3 (KIFC3),

1|ref|NM\_147152.2| Homo sapiens intersectin 2 (ITSN2), transcript variant 2, mRNA;

lear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|194353980|ref|NR\_024024.1

oid beta (A4) precursor protein-binding, family A, member 2 (APBA2), transcript variant 1, mRNA;

M\_003075.3 | Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of chromati

cript variant 2, mRNA; gi|194394144|ref|NM\_145870.2| Homo sapiens glutathione transferase zeta 1 (ranscript variant 1, mRNA;

iant 2, mRNA;

nit 2 (HAUS2), transcript variant 1, mRNA;

pt variant 1, mRNA;

ipt variant RAGBI, mRNA;

, transcript variant 1, mRNA;

itin sulfate N-acetylgalactosaminyltransferase 1 (CSGALNACT1), transcript variant 2, mRNA; gi|19447392), transcript variant 1, mRNA;

rotein transcription factor, beta subunit 1 (GABPB1), transcript variant beta-1, mRNA; gi|194473704|ref

ein complex 1, mu 1 subunit (AP1M1), transcript variant 1, mRNA;

mo sapiens hypoxia inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor) (HIF1A)

(MAPK14), transcript variant 3, mRNA; gi|194578901|ref|NM\_139014.2| Homo sapiens mitogen-activ  
n factor 4E (EIF4E), transcript variant 3, mRNA; gi|194578908|ref|NM\_001130679.1| Homo sapiens euk  
late carrier family 35 (CMP-sialic acid transporter), member A1 (SLC35A1), transcript variant 2, mRNA;

), transcript variant 1, mRNA; gi|260064029|ref|NM\_001165893.1| Homo sapiens neuronal PAS domai

ipt variant 1, mRNA; gi|194688134|ref|NM\_001130689.1| Homo sapiens high mobility group box 2 (HM

iosphatase 3, catalytic subunit, alpha isozyme (PPP3CA), transcript variant 2, mRNA; gi|194688145|ref|NM\_001130685.2| Homo sapiens protein tyrosine phosphatase, non-receptor type 13 (APO-1/CD95 (Fas)-associat

nsient receptor potential cation channel, subfamily C, member 3 (TRPC3), transcript variant 1, mRNA;

soluble, 9 (LGALS9), transcript variant 1, mRNA; gi|102469693|ref|NM\_002308.3| Homo sapiens lectin,

tein for cytohesin exchange factors 1 (IPCEF1), transcript variant 1, mRNA; gi|195947410|ref|NM\_0155

nteracting protein (STYX), transcript variant 1, mRNA;

g protein (SH3 domain) binding protein 2 (G3BP2), transcript variant 3, mRNA; gi|194733762|ref|NM\_2

(ADAM12), transcript variant 2, mRNA;

GJB1), transcript variant 1, mRNA;

VA; gi|195222736|ref|NM\_001130715.1| Homo sapiens placenta-specific 8 (PLAC8), transcript variant :  
3) (HCG18), non-coding RNA;

pe MMTV integration site family member 2 (WNT2), transcript variant 1, mRNA;

29 (ADAM29), transcript variant 2, mRNA; gi|195232760|ref|NM\_001130704.1| Homo sapiens ADAM  
gene encoding mitochondrial protein, transcript variant 3, mRNA; gi|195232767|ref|NM\_181313.2| Ho  
ng frame 93 (C14orf93), transcript variant 4, mRNA; gi|195234775|ref|NM\_001130706.1| Homo sapier

(RUFY3), transcript variant 2, mRNA; gi|195220719|ref|NM\_001130709.1| Homo sapiens RUN and FYA

og, U6 small nuclear RNA associated (*S. cerevisiae*) (LSM5), transcript variant 4, non-coding RNA; gi|1952  
en resistance 4 (non-protein coding) (BCAR4), non-coding RNA;

iscript variant 1, mRNA;

piens solute carrier family 10 (sodium/bile acid cotransporter family), member 7 (SLC10A7), transcript v  
rosome, macropain) subunit, beta type, 5 (PSMB5), transcript variant 3, mRNA; gi|195539355|ref|NM.  
lomo sapiens aminolevulinate, delta-, synthase 2 (ALAS2), nuclear gene encoding mitochondrial protein

variant 2, mRNA;

family-like 5 (RABL5), transcript variant 1, mRNA; gi|195546890|ref|NM\_001130821.1| Homo sapiens  
olog (*S. cerevisiae*) (SUPT5H), transcript variant 4, mRNA; gi|161169021|ref|NM\_003169.3| Homo sapi  
ef|NM\_006761.4| Homo sapiens tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation p

mRNA;

n family, member 9 (CARD9), transcript variant 1, mRNA;  
phatidylinositol transfer protein, membrane-associated 1 (PITPNM1), transcript variant 1, mRNA;  
pt variant 2, mRNA; gi|195927021|ref|NM\_001130850.1| Homo sapiens calcium binding protein 39 (C  
(CDKN3), transcript variant 1, mRNA;  
ubiquitin protein ligase C (CBLC), transcript variant 2, mRNA;

ferase 1 (DNMT1), transcript variant 2, mRNA;  
ITCA), transcript variant 2, mRNA;  
ot variant 2, mRNA;  
ref|NM\_030592.2| Homo sapiens matrilin 4 (MATN4), transcript variant 3, mRNA;

.), transcript variant 2, mRNA;

2A), transcript variant 2, mRNA;  
1), transcript variant 1, mRNA;

3| Homo sapiens excision repair cross-complementing rodent repair deficiency, complementation group

of G2 allele of SKP1 (*S. cerevisiae*) (SUGT1), transcript variant 1B, mRNA;

L, mRNA;

sapiens MEF2 activating motif and SAP domain containing transcriptional regulator (MAMSTR), transcript  
r, beta receptor 1 (TGFB1), transcript variant 1, mRNA;  
family, member 6 (TTLL6), transcript variant 2, mRNA;

3 oncogene family-like 2B (RABL2B), transcript variant 5, mRNA; gi|195963426|ref|NM\_001130922.1| Homo

sapiens leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 2 (LILRA2)  
transcript variant 5, mRNA; gi|195972804|ref|NM\_001130928.1| Homo sapiens myocyte enhancer factor  
nine nucleotide exchange factor (GEF) 18 (ARHGEF18), transcript variant 1, mRNA;  
3 frame 101 (C1orf101), transcript variant 2, mRNA; gi|334278873|ref|NM\_001242340.1| Homo sapiens

it 3, mRNA; gi|195972870|ref|NM\_001130960.1| Homo sapiens phospholipase C, eta 1 (PLCH1), transcript  
M194A), transcript variant 2, mRNA;

t 3, non-coding RNA; gi|195972882|ref|NM\_001130964.1| Homo sapiens phospholipase C, delta 1 (PLC

ng frame 73 (C16orf73), transcript variant 1, mRNA;

protein (CISH), transcript variant 2, mRNA;

lin, limb girdle muscular dystrophy 2B (autosomal recessive) (DYSF), transcript variant 8, mRNA; gi|1959

: variant 2, mRNA; gi|340745313|ref|NM\_000564.4| Homo sapiens interleukin 5 receptor, alpha (IL5RA

riant 1, mRNA;

iant 1, mRNA;

BP1), transcript variant 2, mRNA; gi|195976806|ref|NM\_002899.3| Homo sapiens retinol binding prote

I-CoA reductase (HMGCR), transcript variant 1, mRNA;

imilarity 58, member A (FAM58A), transcript variant 1, mRNA;

phosphatase, non-receptor type 12 (PTPN12), transcript variant 1, mRNA; gi|196114966|ref|NM\_001131013.1| Homo sapiens SMN1 (SMN1), transcript variant b, mRNA;

er protein 1 (CIZ1), transcript variant 5, mRNA; gi|196115140|ref|NM\_001131015.1| Homo sapiens CDK1 (CDK1), transcript variant 3, mRNA; gi|196115178|ref|NM\_199443.2| Homo sapiens US4 (proto-oncogene) (USP4), transcript variant 3, mRNA; gi|196115223|ref|NM\_022876.2| Homo sapiens survival of non-homologous end joining repair complementing defective repair in Chinese hamster cells 4 (XRCC4), transcript variant 1, mRNA;

) (SERF1A), transcript variant 2, mRNA;

related 10 homolog (S. cerevisiae) (ATG10), transcript variant 3, mRNA;

transcript variant 2, mRNA; gi|196259773|ref|NM\_001131025.1| Homo sapiens peroxisomal biogenesis factor 3 (PBF3), transcript variant 2, mRNA;

exchange factor (GEF) 3 (RAPGEF3), transcript variant 2, mRNA; gi|196259789|ref|NM\_001098532.1| Homo sapiens RAPGEF3 (RAPGEF3), transcript variant 2, mRNA;

, transcript variant 1, mRNA;

inhibitor 9 (ZCCHC9), transcript variant 1, mRNA; gi|196259802|ref|NM\_001131035.1| Homo sapiens zinc finger protein 9 (ZCCHC9), transcript variant 1, mRNA;

transcript variant 2, non-coding RNA; gi|302370945|ref|NM\_001193644.1| Homo sapiens peroxisomal biogenesis factor 3 (PBF3), transcript variant 2, non-coding RNA;

YA), transcript variant 2, mRNA;

i|208610033|ref|NM\_024632.5| Homo sapiens SAP30-like (SAP30L), transcript variant 1, mRNA; gi|197

nRNA;



n-protein coding RNA 575 (LINC00575), transcript variant 2, non-coding RNA;  
nscript variant 2, mRNA;

), transcript variant 1, mRNA; gi|197100549|ref|NM\_001131066.1| Homo sapiens Rieske (Fe-S) domai

RNA;  
t variant 4, mRNA; gi|197102752|ref|NM\_004300.3| Homo sapiens acid phosphatase 1, soluble (ACP1

t variant 1, mRNA;

transcript variant 1, mRNA;  
osphate-4-phosphatase, type I, 107kDa (INPP4A), transcript variant c, mRNA; gi|197116356|ref|NM\_004

AD), transcript variant 2, mRNA;

ig 2 (NT5DC2), transcript variant 1, mRNA;  
M106B), transcript variant 1, mRNA;

ntaining 5 (RGPD5), transcript variant 1, mRNA;  
ariant 3, mRNA; gi|19718785|ref|NM\_133339.1| Homo sapiens RAD17 homolog (S. pombe) (RAD17), t

ein complex 3, mu 2 subunit (AP3M2), transcript variant 2, mRNA;

tor 7 (SRSF7), transcript variant 2, mRNA;

ntaining 2A (CC2D2A), transcript variant 2, mRNA; gi|257900480|ref|NM\_001164720.1| Homo sapiens

ence similarity 127, member B (FAM127B), transcript variant 1, mRNA;  
otiao) 9 (AKAP9), transcript variant 3, mRNA;

|NM\_139321.2| Homo sapiens attractin (ATRN), transcript variant 1, mRNA;  
nslation initiation factor 2-alpha kinase 1 (EIF2AK1), transcript variant 2, mRNA;

imilarity 40, member B (FAM40B), transcript variant 2, mRNA;

3, mRNA; gi|197245449|ref|NM\_001134337.1| Homo sapiens ring finger protein 24 (RNF24), transcript

: (prosome, macropain) assembly chaperone 3 (PSMG3), transcript variant 1, mRNA;

, transcript variant 3, mRNA; gi|197276599|ref|NM\_001134364.1| Homo sapiens microtubule-associati  
ns 8-oxoguanine DNA glycosylase (OGG1), nuclear gene encoding mitochondrial protein, transcript vari  
e decarboxylase 2 (pancreatic islets and brain, 65kDa) (GAD2), transcript variant 2, mRNA;  
ens solute carrier family 6 (neurotransmitter transporter, taurine), member 6 (SLC6A6), transcript varian

ot variant 2, mRNA;

'droxytryptamine (serotonin) receptor 7, adenylate cyclase-coupled (HTR7), transcript variant d, mRNA;  
FLII) interacting protein 2 (LRRFIP2), transcript variant 2, mRNA; gi|197276645|ref|NM\_006309.2| Hor  
duced protein with tetratricopeptide repeats 3 (IFIT3), transcript variant 2, mRNA;

:riole associated 1 (SPATC1), transcript variant 1, mRNA;  
1\_001134376.1| Homo sapiens cyclin J (CCNJ), transcript variant 3, mRNA;

rier family 6 (proline IMINO transporter), member 20 (SLC6A20), transcript variant 1, mRNA;

ring 4 (ZDHHC4), transcript variant 2, mRNA; gi|197304685|ref|NM\_001134387.1| Homo sapiens zinc finger, receptor type, E (PTPRE), transcript variant 2, mRNA;  
frame 50 (C7orf50), transcript variant 3, mRNA; gi|197304707|ref|NM\_001134395.1| Homo sapiens chromosome change factor (VAV2), transcript variant 2, mRNA;

ain containing 1 (CYB561D1), transcript variant 4, mRNA; gi|197304719|ref|NM\_182580.2| Homo sapiens

transcript variant 1, mRNA; gi|197304745|ref|NM\_001134406.1| Homo sapiens RUN domain containing

ipt variant 2, mRNA;

ranscript variant 1, mRNA;

BC1D5), transcript variant 3, mRNA; gi|197304773|ref|NM\_014744.2| Homo sapiens TBC1 domain family  
script variant 2, mRNA;  
main 3A (ADAM3A), transcript variant 1, non-coding RNA; gi|197304789|ref|NR\_024106.1| Homo sapiens

receptor, ionotropic, N-methyl D-aspartate 2A (GRIN2A), transcript variant 2, mRNA; gi|197313635|ref|NM\_001134420.1| Homo sapiens  
an-Bodian-Diamond syndrome pseudogene 1 (SBDSP1), transcript variant 2, non-coding RNA; gi|197313671|ref|NM\_001134422.1| Homo sapiens  
ript variant 2, mRNA;

(S. cerevisiae) (CDC7), transcript variant 1, mRNA; gi|197313666|ref|NM\_001134420.1| Homo sapiens  
nt 3, mRNA; gi|197313671|ref|NM\_001134422.1| Homo sapiens CDV3 homolog (mouse) (CDV3), transcript variant 2, mRNA;

l tumor suppressor 1 (MTUS1), transcript variant 6, mRNA; gi|197313687|ref|NM\_001001931.2| Homo sapiens  
1, mRNA; gi|197313706|ref|NM\_001134433.1| Homo sapiens 5-azacytidine induced 2 (AZI2), transcript variant 2, mRNA;

omology-like domain, family B, member 2 (PHLDB2), transcript variant 3, mRNA; gi|197313729|ref|NM\_001134433.1| Homo sapiens

variant 2, mRNA; gi|197313740|ref|NM\_033210.4| Homo sapiens zinc finger protein 502 (ZNF502), tra

ling frame 52 (C1orf52), transcript variant 1, mRNA;

laminohydrolase 1 (DDAH1), transcript variant 1, mRNA;

if musculoaponeurotic fibrosarcoma oncogene homolog (avian) (MAF), transcript variant 1, mRNA;

NM\_001173484.1| Homo sapiens nebulin (NEBL), transcript variant 3, mRNA;

50), transcript variant 2, mRNA; gi|197313780|ref|NM\_001134451.1| Homo sapiens transmembrane pr

containing 8 family, member B (LRRC8B), transcript variant 1, mRNA;

containing 8 family, member D (LRRC8D), transcript variant 2, mRNA;

(ARHGAP11A), transcript variant 2, mRNA;

ript variant 3, mRNA; gi|281427156|ref|NM\_006201.4| Homo sapiens cyclin-dependent kinase 16 (CDK

-type MMTV integration site family, member 2B (WNT2B), transcript variant WNT-2B2, mRNA;

actor alpha polypeptide (PDGFA), transcript variant 1, mRNA;

imilarity 55, member C (FAM55C), transcript variant 1, mRNA;

. (TTC14), transcript variant 2, mRNA;

ame 53 (C7orf53), transcript variant 2, mRNA;

ame 58 (C3orf58), transcript variant 2, mRNA;

:ADPS), transcript variant 3, mRNA; gi|197382308|ref|NM\_183394.2| Homo sapiens Ca<sup>++</sup>-dependent s

AFAP1), transcript variant 2, mRNA;

halogenase-like hydrolase domain containing 1 (HDHD1), transcript variant 3, mRNA; gi|207113148|ref  
ranslation initiation factor 4E family member 3 (EIF4E3), transcript variant 2, mRNA; gi|197382648|ref|

erase 1 (HS2ST1), transcript variant 1, mRNA;  
ant 2, mRNA;

ant 1, mRNA;

ant 2, mRNA;

17386180|ref|NM\_022133.3| Homo sapiens sorting nexin 16 (SNX16), transcript variant 1, mRNA;

ariant ZNF274a, mRNA; gi|19743797|ref|NM\_016324.2| Homo sapiens zinc finger protein 274 (ZNF274)

[influences HLA class II expression) (RFX3), transcript variant 2, mRNA;  
: 2, mRNA;  
variant 1, mRNA;

tein 1 (DMP1), transcript variant 1, mRNA;  
ctor (ligand) superfamily, member 11 (TNFSF11), transcript variant 2, mRNA;

ame 94 (C1orf94), transcript variant 2, mRNA;  
ant 2, mRNA; gi|299115782|ref|NM\_001706.4| Homo sapiens B-cell CLL/lymphoma 6 (BCL6), transcript

ns solute carrier family 4, sodium bicarbonate cotransporter, member 4 (SLC4A4), transcript variant 3, n  
ed protein 1 (ARFRP1), transcript variant 2, mRNA;

nsmembrane neuronal 4 (LRRTM4), transcript variant 2, mRNA;

r G1 (SLC35G1), transcript variant 1, mRNA;

in containing 13 (SAMD13), transcript variant 3, mRNA; gi|197927254|ref|NM\_001134663.1| Homo sa  
guanine-9-) methyltransferase domain containing 2 (RG9MTD2), transcript variant 2, mRNA; gi|1979272

(DERL1), transcript variant 1, mRNA;

e similarity 204, member A (FAM204A), transcript variant 1, mRNA;  
DLG4), transcript variant 2, mRNA;

AP12), transcript variant 1, mRNA;  
s sarcosine dehydrogenase (SARDH), nuclear gene encoding mitochondrial protein, transcript variant 1, i

solute carrier family 12 (potassium/chloride transporter), member 5 (SLC12A5), transcript variant 2, mRl

omo sapiens 4-hydroxy-2-oxoglutarate aldolase 1 (HOGA1), nuclear gene encoding mitochondrial protei

nRNA; gi|198041727|ref|NM\_001134774.1| Homo sapiens kinesin light chain 2 (KLC2), transcript varia  
, transcript variant 2, mRNA; gi|198041758|ref|NR\_024122.1| Homo sapiens pre-B-cell leukemia home

: variant 2, mRNA;

script variant 1, mRNA;

RPB2), transcript variant 1, mRNA;

transcript variant 2, mRNA; gi|198442877|ref|NM\_001134855.1| Homo sapiens tripartite motif contain

transcript variant 3, mRNA; gi|15150804|ref|NM\_033284.1| Homo sapiens transducin (beta)-like 1, Y-link

complex 2, alpha 1 subunit (AP2A1), transcript variant 2, mRNA;

ε-associated ankyrin-containing protein (RFXANK), transcript variant 2, mRNA;

HL1), transcript variant 3, mRNA; gi|199558961|ref|NM\_017651.4| Homo sapiens Abelson helper integr

ading frame 80 (C14orf80), transcript variant 1, mRNA; gi|312176438|ref|NM\_001198983.1| Homo sa  
it 4, mRNA; gi|199560744|ref|NM\_022342.4| Homo sapiens kinesin family member 9 (KIF9), transcript

ot variant 2, mRNA; gi|201023337|ref|NM\_030917.3| Homo sapiens FIP1 like 1 (S. cerevisiae) (FIP1L1),

0), transcript variant 2, mRNA;

lin opposite strand/antisense RNA (non-protein coding) (GHRLOS), transcript variant 3, non-coding RNA;

GHRL), transcript variant 8, non-coding RNA; gi|201860284|ref|NM\_001134946.1| Homo sapiens ghre

ript variant 1, mRNA; gi|14574567|ref|NM\_001623.3| Homo sapiens allograft inflammatory factor 1 (AIF1)  
ript variant 2, mRNA; gi|201861822|ref|NM\_001135000.1| Homo sapiens fermitin family member 2 (FERMT2)



ipt variant 4, mRNA; gi|20302144|ref|NM\_138563.1| Homo sapiens kallikrein-related peptidase 15 (KL

3, non-coding RNA; gi|203097758|ref|NR\_024147.1| Homo sapiens ring finger protein 121 (RNF121), ti

ning 3 (ELMOD3), transcript variant 4, mRNA; gi|203098473|ref|NM\_001135021.1| Homo sapiens ELM  
enase complex, component X (PDHX), nuclear gene encoding mitochondrial protein, transcript variant 3,

'kexin type 6 (PCSK6), transcript variant 8, mRNA; gi|20336187|ref|NM\_138323.1| Homo sapiens propi

γ 26 (sulfate transporter), member 1 (SLC26A1), transcript variant 3, mRNA; gi|20336271|ref|NM\_0220  
!6A7), transcript variant 2, mRNA;  
peptide 31 (DDX31), transcript variant 2, mRNA;

l), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA;

isporting, lysosomal 13kDa, V1 subunit G3 (ATP6V1G3), transcript variant 1, mRNA;

ependent 1B transcription repressor (GFI1B), transcript variant 2, mRNA;  
ong, mRNA;

e similarity 176, member A (FAM176A), transcript variant 2, mRNA;

ng 5 (ACBD5), transcript variant 3, non-coding RNA; gi|203098628|ref|NM\_145698.3| Homo sapiens ac

ə similarity 18, member B2 (FAM18B2), transcript variant 1, mRNA;

MFAP3), transcript variant 2, mRNA; gi|334191694|ref|NM\_001242336.1| Homo sapiens microfibrillar-  
563), transcript variant 2, non-coding RNA;

ase (COASY), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|110227600|re  
e 9 (MAPK9), transcript variant JNK2-a2, mRNA; gi|205277410|ref|NM\_139070.2| Homo sapiens mito

ariant 3, mRNA; gi|205277420|ref|NM\_001135049.1| Homo sapiens Jun dimerization protein 2 (JDP2),  
member 9 (IGSF9), transcript variant 2, mRNA;  
nce similarity 160, member B1 (FAM160B1), transcript variant 1, mRNA;

le immunoglobulin and toll-interleukin 1 receptor (TIR) domain (SIGIRR), transcript variant 3, mRNA; gi|:

n factor C homolog, cochlin (Limulus polyphemus) (COCH), transcript variant 2, mRNA;

y K, member 10 (KCNK10), transcript variant 3, mRNA; gi|205360846|ref|NM\_138317.2| Homo sapiens

JC15), transcript variant 2, mRNA; gi|205360922|ref|NM\_001135091.1| Homo sapiens mucin 15, cell s

ontaining 3B (FNDC3B), transcript variant 2, mRNA;

nt 2, mRNA;

ase 1 (autosomal dominant) (PKD1), transcript variant 2, mRNA;

ains 2 (CRELD2), transcript variant 2, mRNA;

amily K, member 16 (KCNK16), transcript variant 2, mRNA; gi|205360972|ref|NM\_001135107.1| Homo

nbrane 1 (MCTP1), transcript variant S, mRNA;

n 2 homolog (yeast) (ACTR2), transcript variant 2, mRNA;

t variant 1, mRNA;

r family 39 (zinc transporter), member 8 (SLC39A8), transcript variant 2, mRNA; gi|59710105|ref|NM\_(

family 39 (zinc transporter), member 14 (SLC39A14), transcript variant 4, mRNA; gi|205830423|ref|NM

; family 1 (DPF1), transcript variant 2, mRNA; gi|205830433|ref|NM\_001135156.1| Homo sapiens D4, z

), transcript variant 2, mRNA; gi|205830454|ref|NM\_007310.2| Homo sapiens catechol-O-methyltrans

SIGLEC11), transcript variant 2, mRNA;  
aldehyde dehydrogenase 3 family, member A1 (ALDH3A1), transcript variant 1, mRNA; gi|206597437|ref|NM\_000691.4  
TNF receptor superfamily member 7 (TNFRSF7), transcript variant 3, mRNA; gi|206597453|ref|NM\_001135171  
neural precursor cell expressed, developmentally down-regulated 1 (NEDD1), transcript variant 2, mRNA; gi|206597463|ref|NM\_001135171  
3 (ZDHHC3), transcript variant 1, mRNA;

solute carrier family 5 (sodium/glucose cotransporter), member 9 (SLC5A9), transcript variant 2, mRNA; gi|206597506|ref|NM\_001135188.1| Homo sapiens ArfGAP with FG repeats 1 (AGF1), transcript variant 4, mRNA; gi|206597506|ref|NM\_001135188.1|

Homo sapiens ArfGAP with FG repeats 1 (AGF1), transcript variant 4, mRNA; gi|206597506|ref|NM\_001135188.1|

with RhoGAP domain, ankyrin repeat and PH domain 1 (ARAP1), transcript variant 4, mRNA; gi|206597506|ref|NM\_001135188.1|

SH3 domain, ankyrin repeat and PH domain 2 (ASAP2), transcript variant 2, mRNA; gi|206597506|ref|NM\_001135188.1|

solute carrier family 39 (metal ion transporter), member 5 (SLC39A5), transcript variant 1, mRNA; gi|206597532|ref|NM\_001018065.2| Homo sapiens  
open reading frame 71 (C10orf71), transcript variant 2, mRNA; gi|206597532|ref|NM\_001018065.2| Homo sapiens  
kinase, receptor, type 2 (NTRK2), transcript variant c, mRNA; gi|206597532|ref|NM\_001018065.2| Homo sapiens  
DC36), transcript variant 1, mRNA;

guanine nucleotide binding protein interacting ArfGAP 2 (GIT2), transcript variant 1, mRNA; gi|206725418|ref|NM\_014773.2| Homo sapiens  
open reading frame 122 (C1orf122), transcript variant 2, mRNA; gi|206725418|ref|NM\_014773.2|

transcript variant 4, mRNA; gi|342837683|ref|NM\_001243242.1| Homo sapiens zinc finger protein 323 (ZNF323), transcript variant 4, mRNA; gi|342837683|ref|NM\_001243242.1|

transcript variant 3, mRNA; gi|206725443|ref|NM\_006992.3| Homo sapiens leucine rich repeat domain 1 (LRR1), transcript variant 3, mRNA; gi|206725443|ref|NM\_006992.3| Homo sapiens  
Homo sapiens TAF12 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 20kDa (TAF12), transcript variant 3, mRNA; gi|206725443|ref|NM\_006992.3|

transcript variant 2, mRNA; gi|206725529|ref|NM\_001135208.1| Homo sapiens FK506 binding protein 2, transcript variant 1, mRNA; gi|206725529|ref|NM\_001135208.1| Homo sapiens  
transcript variant 1, mRNA; gi|206725529|ref|NM\_001135208.1| Homo sapiens FK506 binding protein 2, transcript variant 1, mRNA; gi|206725529|ref|NM\_001135208.1|  
regulatory subunit 1B (CKS1B), transcript variant 1, mRNA; gi|206725529|ref|NM\_001135208.1|

transcript variant 2, mRNA; gi|206725529|ref|NM\_001135208.1|

phosphatidylinositol-3-OH kinase (PI3K)-like 3 (PPIL3), transcript variant PPIL3a, mRNA;  
71), transcript variant 1, non-coding RNA;  
variant 2, mRNA; gi|260099728|ref|NR\_028500.1| Homo sapiens lactate dehydrogenase A (LDHA), transcript  
variant 1, mRNA;  
lysosomal/lysosomal adaptor, MAPK and MTOR activator 3 (LAMTOR3), transcript variant 2, non-coding R  
NA, transcript variant 2, mRNA;

microfibrillar-actin-binding protein 2 (MFAP2), transcript variant 1, mRNA; gi|207028934|ref|NM\_001135248.1| Homo sapiens microfibillar-  
actin-binding protein 2 (MFAP2), transcript variant 2, mRNA;  
245|ref|NM\_013945.2| Homo sapiens paired box 7 (PAX7), transcript variant 2, mRNA;  
variant 2, non-coding RNA;

retinoblastoma-binding protein 4 (RBBP4), transcript variant 3, mRNA; gi|207029375|ref|NM\_005610.2| Homo sapiens retinoblastoma b  
inding protein 4 (RBBP4), transcript variant 1, mRNA;  
penicillin-binding protein 5 (PCSK5), transcript variant 1, mRNA;  
dynein, intermediate chain 1 (DYNC1I1), transcript variant 2, mRNA; gi|197209868|ref|NM\_004411.4| Homo

heat shock transcription factor 1 (HSF1), transcript variant 1, mRNA; gi|340745277|ref|NM\_001243094.1| Homo sapiens heat shock transcript  
factor 1 (HSF1), transcript variant 2, mRNA;  
angiotensin-converting enzyme A family, 5 (ANG), transcript variant 2, mRNA;

guanine nucleotide-binding protein G12 subunit gamma (RAB1A), transcript variant 1, mRNA;

Homo sapiens solute carrier family 2 (facilitated glucose/fructose transporter), member 5 (SLC2A5), transcript var  
iant 2, mRNA;  
C5orf24 (C5orf24), transcript variant 2, mRNA;  
glucocorticoid-induced differentiation associated protein 2 (GDAP2), transcript variant 1, mRNA;  
transcript variant 2, mRNA; gi|207450722|ref|NM\_032679.2| Homo sapiens zinc finger protein 577 (ZNF577)

(CCDC88A), transcript variant 3, mRNA; gi|208022631|ref|NM\_001135597.1| Homo sapiens coiled-coi

ame 63 (C2orf63), transcript variant 1, mRNA;

ting protein 1 (PAIP1), transcript variant 2, mRNA; gi|208022642|ref|NM\_006451.4| Homo sapiens pol  
n-protein coding RNA 521 (LINC00521), transcript variant 3, non-coding RNA; gi|208022649|ref|NR\_02.  
iant 1, mRNA; gi|208022655|ref|NM\_053034.2| Homo sapiens anthrax toxin receptor 1 (ANTXR1), tra

ESM1), transcript variant 1, mRNA;

h ZNF domain (PRDM2), transcript variant 4, mRNA; gi|208022696|ref|NM\_001007257.2| Homo sapie  
309250|ref|NM\_022560.2| Homo sapiens growth hormone 1 (GH1), transcript variant 3, mRNA; gi|208  
309255|ref|NM\_022558.2| Homo sapiens growth hormone 2 (GH2), transcript variant 3, mRNA; gi|208  
ormone 2 (CSH2), transcript variant 3, mRNA; gi|221316597|ref|NM\_022644.3| Homo sapiens chorion

i (ARHGAP26), transcript variant 2, mRNA;

ranscript variant 2, mRNA; gi|208431750|ref|NM\_145902.2| Homo sapiens high mobility group AT-hoo  
ng frame 68 (C11orf68), transcript variant 2, mRNA;

inositol-4-phosphate 5-kinase, type I, alpha (PIP5K1A), transcript variant 2, mRNA; gi|208431775|ref|N  
beta 1 (CNGB1), transcript variant 1, mRNA;

NA; gi|208431791|ref|NM\_016221.3| Homo sapiens dynactin 4 (p62) (DCTN4), transcript variant 2, mR

imilarity 53, member C (FAM53C), transcript variant 1, mRNA;

atase, receptor type, K (PTPRK), transcript variant 2, mRNA;

; protein, cytoplasmic 4 (inducible form) (PABPC4), transcript variant 2, mRNA; gi|208431835|ref|NM\_C  
ocus H (LY6H), transcript variant 1, mRNA; gi|194440696|ref|NM\_001130478.1| Homo sapiens lympho

3609950|ref|NM\_001135659.1| Homo sapiens neurexin 1 (NRXN1), transcript variant alpha2, mRNA;  
cogene family-like 1 (RAB7L1), transcript variant 3, mRNA; gi|208609965|ref|NM\_001135664.1| Homo  
mRNA;

c retrovirus receptor 1 (XPR1), transcript variant 1, mRNA;

RA), transcript variant 2, mRNA; gi|315013567|ref|NM\_001199729.1| Homo sapiens methionine sulfo

JA; gi|208610001|ref|NM\_001135673.1| Homo sapiens atlastin GTPase 2 (ATL2), transcript variant 2, n

ame 40 (C8orf40), transcript variant 1, mRNA; gi|208610018|ref|NM\_001135676.1| Homo sapiens chr

atase K (INPP5K), transcript variant 1, mRNA; gi|208610043|ref|NM\_001135642.1| Homo sapiens inosi

), transcript variant 1, mRNA; gi|208879420|ref|NM\_206961.3| Homo sapiens leukocyte receptor tyro

staining 3 (NLRP3), transcript variant 6, mRNA; gi|208879437|ref|NM\_001079821.2| Homo sapiens NLF

, mRNA;

ctor beta polypeptide (PDGFB), transcript variant 1, mRNA;

ion elongation factor 1 epsilon 1 (EEF1E1), transcript variant 2, mRNA;

an, alpha (50kDa dystrophin-associated glycoprotein) (SGCA), transcript variant 1, mRNA;

linker H1 domain, spermatid-specific 1, pseudogene (HILS1), transcript variant 1, non-coding RNA;

.45690.2| Homo sapiens tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, z

20), transcript variant 1, mRNA;

t chain 1 (GGTLC1), transcript variant A, mRNA;

ant 1, mRNA;

ct variant 2, mRNA;  
nscript variant d, mRNA; gi|284055280|ref|NR\_033256.1| Homo sapiens X antigen family, member 1D  
: variant 1, mRNA;  
t variant 4, mRNA; gi|209180445|ref|NM\_005488.2| Homo sapiens target of myb1 (chicken) (TOM1), t

ducible nuclear protein 1 (TP53INP1), transcript variant 1, mRNA;

3 ubiquitin protein ligase-like 1 (CBLL1), transcript variant 2, non-coding RNA;

juvenile) (ALS2), transcript variant 1, mRNA;  
[NEIL2), transcript variant 1, mRNA; gi|209364529|ref|NM\_001135748.1| Homo sapiens nei endonucle

er 3 (DERL3), transcript variant 2, mRNA; gi|209364539|ref|NM\_198440.3| Homo sapiens Der1-like do  
:CD), transcript variant 1, mRNA; gi|209364551|ref|NR\_024203.1| Homo sapiens ecdysoneless homolo  
ing 4 (ACBD4), transcript variant 2, mRNA; gi|209364599|ref|NM\_001135707.1| Homo sapiens acyl-Co

gnancy up-regulated non-ubiquitously expressed CaM kinase (PNCK), transcript variant 2, mRNA;  
n-protein coding RNA 152 (LINC00152), transcript variant 1, non-coding RNA; gi|209413711|ref|NR\_02

VA; gi|209413731|ref|NM\_001135770.1| Homo sapiens poliovirus receptor (PVR), transcript variant 4,

SF6), transcript variant 2, non-coding RNA;

, transcript variant 1, mRNA;  
|ref|NM\_001135774.1| Homo sapiens synapsin III (SYN3), transcript variant IIIg, mRNA;

:ontaining 43 (ZBTB43), transcript variant 2, mRNA;

rotein receptor-related protein 5-like (LRP5L), transcript variant 2, mRNA;

gi|209447071|ref|NM\_005639.2| Homo sapiens synaptotagmin I (SYT1), transcript variant 1, mRNA;

ce similarity 60, member A (FAM60A), transcript variant 1, mRNA; gi|209447085|ref|NM\_021238.2| Hc  
antisense RNA 1 (non-protein coding) (C1QTNF9B-AS1), transcript variant 1, mRNA;  
ript variant 1, mRNA;

sociated gene) (SSPN), transcript variant 1, mRNA;

t variant 5, non-coding RNA; gi|209529679|ref|NM\_152267.3| Homo sapiens ring finger protein 185 (R  
O2A), transcript variant 2, mRNA;

id transfer (START) domain containing 13 (STARD13), transcript variant 3, mRNA; gi|343478258|ref|NM

T1), transcript variant 3, mRNA;

script variant 2, mRNA; gi|209529730|ref|NM\_001135864.1| Homo sapiens methyltransferase like 20 (  
APK7), transcript variant 4, mRNA; gi|209529732|ref|NM\_139032.2| Homo sapiens mitogen-activated

nase interacting protein 1 (PIK3IP1), transcript variant 1, mRNA;

ant 2, mRNA;

hatase 1 (DOLPP1), transcript variant 1, mRNA;

3 (SLC46A3), transcript variant 1, mRNA;

nscrip variant 4, mRNA; gi|338797809|ref|NM\_001242825.1| Homo sapiens farnesyl diphosphate syn

2, mRNA;



d BTB (POZ) domain containing 4 (KBTBD4), transcript variant 1, mRNA; gi|209693445|ref|NM\_016506.

ript variant 1, mRNA;

39C (TTC39C), transcript variant 2, mRNA; gi|343478166|ref|NM\_001243425.1| Homo sapiens tetratri

omo sapiens microtubule associated monooxygenase, calponin and LIM domain containing 3 (MICAL3), tr  
stein 27-like 1 (IFI27L1), transcript variant 2, mRNA;

taining ion transport regulator 3 (FXD3), transcript variant 3, mRNA; gi|209862807|ref|NM\_021910.2

ie and ubiquitin-like domain containing 1 (TMUB1), transcript variant 1, mRNA;

[MADD), transcript variant 7, mRNA; gi|209862997|ref|NM\_001135943.1| Homo sapiens MAP-kinase a  
ant 1, mRNA;

ns transient receptor potential cation channel, subfamily C, member 4 (TRPC4), transcript variant delta,  
(POSTN), transcript variant 1, mRNA; gi|209863010|ref|NM\_001135935.1| Homo sapiens periostin, os

3 (MAPK8), transcript variant JNK1-a1, mRNA; gi|20986522|ref|NM\_139049.1| Homo sapiens mitogen-  
NA; gi|209869996|ref|NM\_000819.4| Homo sapiens phosphoribosylglycinamide formyltransferase, ph

l cysteine peptidase (CASP5), transcript variant e, non-coding RNA; gi|209870078|ref|NM\_001136112.1|  
l (POMT1), transcript variant 4, mRNA; gi|116517316|ref|NM\_001077365.1| Homo sapiens protein-O-  
A;  
1 (PTBP1), transcript variant 3, mRNA; gi|209870087|ref|NM\_002819.4| Homo sapiens polypyrimidine

|ref|NM\_001136125.1| Homo sapiens cyclin D3 (CCND3), transcript variant 3, mRNA; gi|209915554|re

ant 1, mRNA; gi|209915583|ref|NM\_001136135.1| Homo sapiens ribosomal protein L28 (RPL28), tran:  
S6 kinase, 52kDa, polypeptide 1 (RPS6KC1), transcript variant 1, mRNA;  
phosphate (UMP-CMP) kinase 1, cytosolic (CMPK1), transcript variant 3, non-coding RNA; gi|378925604  
antigen (mutated) 1 (MUM1), transcript variant 1, mRNA;

nscript variant 2, mRNA;

AIRE-1, mRNA;  
arity 86, member A (FAM86A), transcript variant 2, mRNA;

s family with sequence similarity 86, member A pseudogene (LOC100125556), transcript variant 2, non-c

NM\_057090.2| Homo sapiens artemin (ARTN), transcript variant 4, mRNA;

ata (ATF6B), transcript variant 1, mRNA;

roblostosis virus E26 oncogene homolog (avian) (ERG), transcript variant 7, mRNA; gi|209954796|ref|NM\_001136198.1| Homo sapiens ERG, transcript variant 2, mRNA;

ctor 1 (LAX1), transcript variant 2, mRNA;

ng frame 45 (C8orf45), transcript variant 3, mRNA; gi|209954820|ref|NM\_173518.4| Homo sapiens chromosome 8, transcript variant 3, mRNA;

0 related 1 (Drosophila) (FZR1), transcript variant 3, mRNA; gi|209969679|ref|NM\_001136198.1| Homo sapiens FZR1, transcript variant 3, mRNA;

1A), transcript variant 2, mRNA;

ng frame 32 (C10orf32), transcript variant 1, mRNA;

| Homo sapiens isochorismatase domain containing 2 (ISOC2), nuclear gene encoding mitochondrial protein (CCDC124), transcript variant 1, mRNA;

channel tetramerisation domain containing 1 (KCTD1), transcript variant 3, mRNA; gi|209969706|ref|NM\_001136177.1| Homo sapiens KCTD1, transcript variant 3, mRNA;

nt 1, mRNA; gi|209969752|ref|NM\_001136177.1| Homo sapiens early growth response 2 (EGR2), transcript variant 1, mRNA;

ns apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3A (APOBEC3A), transcript variant 1, mRNA;

variant 2, mRNA; gi|209969831|ref|NM\_001136194.1| Homo sapiens FAST kinase domains 2 (FASTKD2), transcript variant 2, mRNA;

969835|ref|NM\_001136195.1| Homo sapiens transportin 2 (TNPO2), transcript variant 3, mRNA;

iant 2, mRNA; gi|224451000|ref|NM\_001127202.1| Homo sapiens PCI domain containing 2 (PCID2), transcript variant 2, mRNA;

1 (NECAP1), transcript variant 1, mRNA;  
1-like) (RECQL), transcript variant 2, mRNA;

cript variant 3, mRNA; gi|209977066|ref|NM\_001136159.1| Homo sapiens OTU domain containing 5 (l  
y 18, member A (CLEC18A), transcript variant 2, mRNA;

.), transcript variant 3, mRNA; gi|209977050|ref|NM\_018022.2| Homo sapiens transmembrane proteir

1 (POGLUT1), transcript variant 1, mRNA;

peroxidase 5 (epididymal androgen-related protein) (GPX5), transcript variant 1, mRNA;

3, mRNA; gi|256818747|ref|NM\_001136224.2| Homo sapiens REST corepressor 3 (RCOR3), transcript v

ismembrane protein with metallophosphoesterase domain (TMPPE), transcript variant 1, mRNA;

inscript variant 2, mRNA; gi|210031781|ref|NM\_130804.2| Homo sapiens multiple endocrine neoplasia  
i, low affinity IIa, receptor (CD32) (FCGR2A), transcript variant 1, mRNA;  
ranscript variant 1, non-coding RNA; gi|210032069|ref|NR\_024268.1| Homo sapiens prion protein (test  
:a) dehydrogenase 13 (HSD17B13), transcript variant A, mRNA;

:151658), transcript variant 1, non-coding RNA;

script variant 3, mRNA; gi|210147405|ref|NM\_152621.5| Homo sapiens sphingomyelin synthase 2 (SGI

l8), transcript variant 1, mRNA;

actor (LITAF), transcript variant 1, mRNA; gi|210147508|ref|NR\_024320.1| Homo sapiens lipopolysacch

'526|ref|NM\_001136475.1| Homo sapiens vasohibin 2 (VASH2), transcript variant 3, mRNA;

328), transcript variant 2, non-coding RNA;

n-protein coding RNA 238 (LINC00238), transcript variant 2, non-coding RNA;

RNA;

L14), transcript variant 2, mRNA; gi|21040329|ref|NM\_138723.1| Homo sapiens BCL2-like 14 (apoptosi

inscript variant b, mRNA; gi|21040358|ref|NM\_012105.3| Homo sapiens beta-site APP-cleaving enzym

uperfamily domain containing 2A (MFSD2A), transcript variant 1, mRNA;

3 frame 198 (C1orf198), transcript variant 1, mRNA; gi|211063484|ref|NM\_001136494.1| Homo sapier

ct variant 3, mRNA; gi|211904144|ref|NM\_001136268.1| Homo sapiens DAZ associated protein 2 (DAZ  
06216.3| Homo sapiens serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type

y with sequence similarity 86, member A pseudogene (FLJ10661), transcript variant 2, non-coding RNA;

RNA; gi|211938438|ref|NM\_145343.2| Homo sapiens apolipoprotein L, 1 (APOL1), transcript variant 2,  
1440356), transcript variant 2, non-coding RNA;

875), transcript variant 2, non-coding RNA;

ative peptidoglycan-binding, domain containing 1 (LYSMD1), transcript variant 2, mRNA;

1541471), transcript variant 2, non-coding RNA;

family, member 10 (ACAD10), transcript variant 2, mRNA;

NA; gi|211971035|ref|NM\_001136554.1| Homo sapiens tousled-like kinase 1 (TLK1), transcript variant

hibited by benzimidazoles 3 homolog (yeast) (BUB3), transcript variant 1, mRNA;

5PR107), transcript variant 1, mRNA; gi|211971056|ref|NM\_020960.4| Homo sapiens G protein-coupled protein coding RNA 461 (LINC00461), transcript variant 3, non-coding RNA; gi|211971063|ref|NR\_02151300), transcript variant 1, non-coding RNA;

63937852|ref|NM\_152749.3| Homo sapiens ataxin 7-like 1 (ATXN7L1), transcript variant 2, mRNA;

C23284), transcript variant 1, non-coding RNA;

730101), transcript variant 1, non-coding RNA;

t (in FLII) interacting protein 1 (LRRFIP1), transcript variant 3, mRNA; gi|212276077|ref|NM\_001137556| MCT1 (MCTS1), transcript variant 1, mRNA;

3P7), transcript variant 1, mRNA;

254312), transcript variant 3, non-coding RNA; gi|212276217|ref|NR\_024410.1| Homo sapiens uncharacterized synthetase component C-like 1 (bacterial) (LANCL1), transcript variant 3, mRNA; gi|212274336|ref|

401397), transcript variant 1, non-coding RNA;



ptide/oligosaccharide-binding fold containing 2A (OBFC2A), transcript variant 4, non-coding RNA; gi|3621390), transcript variant 2, non-coding RNA;

ipt variant 1, mRNA;

se RNA 2 (non-protein coding) (ZNF503-AS2), transcript variant 2, non-coding RNA;

ptide B, 128kDa (POLR1B), transcript variant 2, mRNA;

g RNA;

ic (leucine-rich) nuclear phosphoprotein 32 family, member E (ANP32E), transcript variant 1, mRNA; gi|

ivated protein kinase-activated protein kinase 5 (MAPKAPK5), transcript variant 1, mRNA;

factor 3, 90kDa (ILF3), transcript variant 5, mRNA; gi|212549549|ref|NM\_012218.3| Homo sapiens int

n-dependent protein kinase II alpha (CAMK2A), transcript variant 2, mRNA;  
283050), transcript variant 1, non-coding RNA; gi|212549569|ref|NR\_015429.1| Homo sapiens unchar

91), non-coding RNA;

n-dependent protein kinase II beta (CAMK2B), transcript variant 5, mRNA; gi|212549591|ref|NM\_00122

subunit 7 (ANAPC7), transcript variant 2, mRNA;  
n-dependent protein kinase II delta (CAMK2D), transcript variant 6, mRNA; gi|212549755|ref|NM\_1721

8AP2), transcript variant 2, mRNA; gi|212549531|ref|NM\_001137668.1| Homo sapiens caspase 8 asso

family, member 11 (TTLL11), transcript variant 2, mRNA;

CNST), transcript variant 1, mRNA;

transcript variant 1, mRNA; gi|213021187|ref|NM\_001139467.1| Homo sapiens transducin (beta)-like

piens TAF15 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 68kDa (TAF15), transi

nyl releasing protein 3 (calcium and DAG-regulated) (RASGRP3), transcript variant 1, mRNA; gi|2257355  
associated factor 3 interacting protein 1 (TRAF3IP1), transcript variant 2, mRNA;

90938 (LOC100190938), transcript variant 2, non-coding RNA;

script variant 2, mRNA; gi|213385293|ref|NM\_134261.2| Homo sapiens RAR-related orphan receptor A

subunit 5 (ANAPC5), transcript variant 1, mRNA;

pt variant 2, mRNA; gi|213417593|ref|NM\_004114.3| Homo sapiens fibroblast growth factor 13 (FGF1

KIAA1949), mRNA; gi|199559804|ref|NM\_001134870.1| Homo sapiens protein phosphatase 1, regulat

mo sapiens protein kinase, interferon-inducible double stranded RNA dependent activator (PRKRA), tran

lpha-2,3-sialyltransferase 1 (ST3GAL1), transcript variant 2, mRNA;

32707 (LOC100132707), transcript variant 1, non-coding RNA;

RNA 1 (non-protein coding) (CECR5-AS1), transcript variant 2, non-coding RNA;

30093 (LOC100130093), transcript variant 2, non-coding RNA;

protein 2 (CD2BP2), transcript variant 2, mRNA;

SLC22A17), transcript variant 2, mRNA;

347|ref|NM\_001141920.1| Homo sapiens Xg blood group (XG), transcript variant 3, mRNA;

ta (ACTA2), transcript variant 1, mRNA;

VA 1 (non-protein coding) (FMR1-AS1), transcript variant 4, non-coding RNA; gi|213688402|ref|NR\_024

OC66), transcript variant 3, non-coding RNA; gi|213688414|ref|NM\_001141947.1| Homo sapiens coiled  
ion leukemia (TTL), transcript variant TTL-B1, non-coding RNA; gi|213688420|ref|NR\_024507.1| Homo

CRL), transcript variant b, mRNA;

g RNA;

ila) (DACH2), transcript variant 3, mRNA; gi|213972552|ref|NM\_053281.3| Homo sapiens dachshund I  
transmembrane phosphoinositide 3-phosphatase and tensin homolog 2 (TPTE2), transcript variant 4, m

ant 2, mRNA;

mRNA; gi|213972618|ref|NM\_001141973.1| Homo sapiens ATPase type 13A2 (ATP13A2), transcript v

rotein 1 (TP53BP1), transcript variant 2, mRNA; gi|213972632|ref|NM\_005657.2| Homo sapiens tumor

è (SDR family) member 9 (DHRS9), transcript variant 2, mRNA; gi|214010155|ref|NM\_001142270.1| Hc  
g protein 3 (class II) (RAB11FIP3), transcript variant 2, mRNA;

èd protein 1 (CLASP1), transcript variant 4, mRNA; gi|214010174|ref|NM\_001142274.1| Homo sapiens  
sor-like protein 2 (APLP2), transcript variant 2, mRNA; gi|214010184|ref|NM\_001142278.1| Homo sapi

romosomes 6 (SMC6), transcript variant 2, mRNA;

gi|214010219|ref|NM\_001142287.1| Homo sapiens sema domain, immunoglobulin domain (Ig), transi  
ant e, mRNA; gi|214010225|ref|NM\_001142285.1| Homo sapiens ribosomal protein S24 (RPS24), tran:

IAN2L), transcript variant 5, non-coding RNA; gi|214010241|ref|NM\_030805.3| Homo sapiens lectin, m

ictase (SDR family) member 1 (DHRS1), transcript variant 2, mRNA;

transcript variant 1, mRNA;

variant 4, mRNA; gi|21464132|ref|NM\_007196.2| Homo sapiens kallikrein-related peptidase 8 (KLK8), tr

factor GTPase activating protein 3 (ARFGAP3), transcript variant 1, mRNA;

er syndrome) (SPG20), transcript variant 2, mRNA; gi|214830108|ref|NM\_001142295.1| Homo sapiens

(CCDC113), transcript variant 1, mRNA;

me 1 (C18orf1), transcript variant a2, mRNA; gi|214010199|ref|NM\_001003675.2| Homo sapiens chro

ant 2, mRNA;

ction factor IIH, polypeptide 1, 62kDa (GTF2H1), transcript variant 1, mRNA;

V169), transcript variant 1, mRNA; gi|214831828|ref|NM\_138390.3| Homo sapiens transmembrane pr

19), transcript variant 2, mRNA;

e 1) (LMO2), transcript variant 1, mRNA; gi|214832218|ref|NM\_001142316.1| Homo sapiens LIM dom

mRNA; gi|215272375|ref|NM\_001142318.1| Homo sapiens thioredoxin-like 4B (TXNL4B), transcript vai

ame 44 (C2orf44), transcript variant 1, mRNA;

ranscript variant 1, mRNA;

l\_182978.2| Homo sapiens guanine nucleotide binding protein (G protein), alpha activating activity poly

transcript variant 1, mRNA; gi|215272314|ref|NM\_004072.2| Homo sapiens chemokine-like receptor 1  
transcript variant 1, mRNA;

NA; gi|215272327|ref|NM\_001874.4| Homo sapiens carboxypeptidase M (CPM), transcript variant 1, n  
ze-gated, type IV, beta subunit (SCN4B), transcript variant 4, non-coding RNA; gi|215272331|ref|NM\_00

phila) (THOC6), transcript variant 1, mRNA;

samide alpha-2,6-sialyltransferase 2 (ST6GAL2), transcript variant 3, mRNA; gi|215272344|ref|NM\_0011

atase 3, catalytic subunit, beta isozyme (PPP3CB), transcript variant 1, mRNA; gi|215272353|ref|NM\_0  
\_003356.3| Homo sapiens uncoupling protein 3 (mitochondrial, proton carrier) (UCP3), nuclear gene en

racting factor 3-like 1 (S. cerevisiae) (NIF3L1), transcript variant 1, mRNA; gi|215272358|ref|NM\_02182  
seudogene 7 (RPL23AP7), transcript variant 4, non-coding RNA; gi|215272367|ref|NR\_024531.1| Hom  
carrier family 18 (vesicular monoamine), member 1 (SLC18A1), transcript variant 4, mRNA; gi|21527238

n, fox-1 homolog (C. elegans) 1 (RBFOX1), transcript variant 6, mRNA; gi|215272408|ref|NM\_145893.2

087.3| Homo sapiens asparagine-linked glycosylation 2, alpha-1,3-mannosyltransferase homolog (S. cere  
l| Homo sapiens asparagine-linked glycosylation 3, alpha-1,3- mannosyltransferase homolog (S. cerevisi

NM\_013338.4| Homo sapiens asparagine-linked glycosylation 5, dolichyl-phosphate beta-glucosyltransf

transcript variant 1, mRNA;

2 (muscle) (GSTM2), transcript variant 1, mRNA;

n) (GSTM3), transcript variant 2, non-coding RNA;

transcript variant 3, non-coding RNA; gi|215277005|ref|NM\_147148.2| Homo sapiens glutathione S-tran:  
IC3), transcript variant 1, mRNA;

rotein tyrosine phosphatase, non-receptor type 18 (brain-derived) (PTPN18), transcript variant 2, mRNA;

, transcript variant 1, mRNA;

lular RNA host gene 7 (non-protein coding) (SNHG7), transcript variant 2, non-coding RNA; gi|215422348  
pase domain containing 4 (PNPLA4), transcript variant 1, mRNA; gi|291045301|ref|NM\_001172672.1|

g RNA;

piens solute carrier family 10 (sodium/bile acid cotransporter family), member 3 (SLC10A3), transcript v  
ural precursor cell expressed, developmentally down-regulated 9 (NEDD9), transcript variant 3, mRNA; g

xyglutamic acid) 1 (PRRG1), transcript variant 3, mRNA; gi|215422381|ref|NM\_000950.2| Homo sapien  
M\_194323.2| Homo sapiens otoferlin (OTOF), transcript variant 4, mRNA; gi|215422393|ref|NM\_19432  
DAXX), transcript variant 4, mRNA; gi|215422365|ref|NM\_001141970.1| Homo sapiens death-domain :

anslation initiation factor (CTIF), transcript variant 2, mRNA;

01018104.2| Homo sapiens fumarylacetoacetate hydrolase domain containing 1 (FAHD1), nuclear gene

:transcript variant 3, mRNA; gi|215422426|ref|NM\_001142404.1| Homo sapiens CD164 molecule, sialor  
L1), transcript variant 1, mRNA;

apiens aminoacyl tRNA synthetase complex-interacting multifunctional protein 1 (AIMP1), transcript var

cript variant 9, mRNA; gi|215490024|ref|NM\_001142420.1| Homo sapiens mortality factor 4 like 2 (M  
ed antigen 5 (hyaluronidase) (MGEA5), transcript variant 1, mRNA;  
CRISP2), transcript variant 2, mRNA; gi|215422428|ref|NM\_003296.2| Homo sapiens cysteine-rich secr



PNS1), transcript variant 2, mRNA; gi|215490094|ref|NM\_032038.2| Homo sapiens spinster homolog 1

57), transcript variant 1, mRNA; gi|214830752|ref|NM\_001142301.1| Homo sapiens transmembrane p  
ling protein 1 (CREB1), transcript variant A, mRNA;  
O1), transcript variant 2, mRNA;

ng frame 47 (C9orf47), transcript variant 1, mRNA;

mRNA decapping 3 homolog (S. cerevisiae) (EDC3), transcript variant 1, mRNA; gi|215598515|ref|NM\_(

x containing 10 (ASB10), transcript variant 3, mRNA; gi|215598818|ref|NM\_001142459.1| Homo sapie  
9, mRNA; gi|70780358|ref|NM\_020476.2| Homo sapiens ankyrin 1, erythrocytic (ANK1), transcript vari  
b-like transcription factor 1 (DMTF1), transcript variant 4, non-coding RNA; gi|215599991|ref|NM\_001

SR2), transcript variant 1, mRNA;

C1), transcript variant 1, mRNA;

ruvate transaminase (alanine aminotransferase) 2 (GPT2), transcript variant 2, mRNA;  
1, mRNA;

rosophila) (HES4), transcript variant 1, mRNA;

ng frame 45 (C16orf45), transcript variant 2, mRNA;

ding frame 203 (C6orf203), transcript variant 2, mRNA; gi|215599326|ref|NM\_016487.3| Homo sapier  
transcript variant 1, mRNA;

eration related protein homolog (rat) (NREP), transcript variant 7, mRNA; gi|215599694|ref|NM\_00114

L), transcript variant 2, mRNA;

, transcript variant 2, mRNA; gi|215820624|ref|NM\_138439.2| Homo sapiens FLYWCH family member  
ipt variant 2, mRNA;

ise 1, regulatory subunit 13 like (PPP1R13L), transcript variant 2, mRNA;

4M2), transcript variant 2, non-coding RNA; gi|375493578|ref|NR\_046344.1| Homo sapiens calcium ho

idogene (ZNF204P), transcript variant 2, non-coding RNA;

isette, sub-family G (WHITE), member 4 (ABCG4), transcript variant 2, mRNA;

containing 1 (RHOBTB1), transcript variant 2, non-coding RNA; gi|334358908|ref|NM\_001242359.1| Ho

in) (MYO5A), transcript variant 2, mRNA;

transcript variant URP2LF, mRNA;

e similarity 111, member A (FAM111A), transcript variant 2, mRNA; gi|215983095|ref|NM\_001142520.

ipt variant 3, mRNA; gi|21614534|ref|NM\_006799.2| Homo sapiens protease, serine, 21 (testisin) (PRS

ated kinase 3 (IRAK3), transcript variant 1, mRNA;

le 3 (FAIM3), transcript variant 4, mRNA; gi|216547545|ref|NM\_005449.4| Homo sapiens Fas apoptoti

transcript variant 2, mRNA; gi|216547614|ref|NM\_019046.2| Homo sapiens ankyrin repeat domain 1f

lix domain containing, class B, 9 (BHLHB9), transcript variant 5, mRNA; gi|216547671|ref|NM\_0011425

cript variant 7, mRNA; gi|216547778|ref|NM\_001142532.1| Homo sapiens SH2 domain containing 3C (

uble, 12 (LGALS12), transcript variant 3, mRNA; gi|216547817|ref|NM\_001142537.1| Homo sapiens lec

iber B3 (SLC35B3), transcript variant 2, mRNA; gi|216547880|ref|NM\_015948.3| Homo sapiens solute

5389|ref|NM\_004039.2| Homo sapiens annexin A2 (ANXA2), transcript variant 3, mRNA; gi|216547995

rosomal (xenobiotic) (EPHX1), transcript variant 1, mRNA;

ant 1, mRNA;

late synthase domain containing 3 (RPUSD3), transcript variant 1, mRNA;

pt variant 2, mRNA;

polypeptide 4 (DDX4), transcript variant 1, mRNA; gi|262231851|ref|NM\_001166533.1| Homo sapiens  
variant 1, mRNA; gi|216548346|ref|NM\_014969.5| Homo sapiens WD repeat domain 47 (WDR47), tran  
sript 2, mRNA; gi|216548394|ref|NM\_001142553.1| Homo sapiens dachsous 2 (Drosophila) (DCHS2), t

RNA adenine dimethylase domain containing 1 (RRNAD1), transcript variant 2, mRNA;

K1), transcript variant 1, mRNA;  
ethyltransferase 1 homolog (*S. cerevisiae*) (TRMT1), transcript variant 2, mRNA; gi|216548444|ref|NM\_

alpha 1 (CNGA1), transcript variant 2, mRNA;

.28675 (LOC100128675), transcript variant 1, non-coding RNA;

polyadenylation specific factor 7, 59kDa (CPSF7), transcript variant 2, mRNA; gi|217035101|ref|NM\_02.

ranscript variant 1, mRNA;  
t variant 2, non-coding RNA;  
ant 2, mRNA;

script variant 1, mRNA; gi|217035157|ref|NM\_001010880.2| Homo sapiens zinc finger protein 780A (Z

RNA; gi|21704268|ref|NM\_145116.1| Homo sapiens MYC associated factor X (MAX), transcript variant

d motility receptor (RHAMM) (HMMR), transcript variant 2, mRNA; gi|217272801|ref|NM\_001142556.  
gamma (NFYC), transcript variant 4, mRNA; gi|217272830|ref|NM\_001142588.1| Homo sapiens nuclea

[ITPK1), transcript variant 3, mRNA; gi|217272843|ref|NM\_001142593.1| Homo sapiens inositol-tetrak  
a polypeptide I (P4HA1), transcript variant 2, mRNA; gi|217272848|ref|NM\_001142595.1| Homo sapier  
ens CLP1, cleavage and polyadenylation factor I subunit, homolog (*S. cerevisiae*) (CLP1), transcript varian  
polypeptide II (P4HA2), transcript variant 2, mRNA; gi|217272862|ref|NM\_001142599.1| Homo sapier

.C26A9), transcript variant 1, mRNA;

mRNA; gi|217330654|ref|NM\_021972.3| Homo sapiens sphingosine kinase 1 (SPHK1), transcript varia

transcript variant 1, mRNA;

or Tu GTP binding domain containing 2 (EFTUD2), transcript variant 2, mRNA;

transcript variant 1, mRNA;

etinoic acid gene 6 homolog (mouse) (STRA6), transcript variant 1, mRNA; gi|312261224|ref|NM\_0011

isforming growth factor, beta receptor associated protein 1 (TGFBRAP1), transcript variant 1, mRNA;

ariant 3, mRNA; gi|217330590|ref|NR\_024573.1| Homo sapiens GH3 domain containing (GHDC), trans

ript variant 2, mRNA;

er family 23 (nucleobase transporters), member 1 (SLC23A1), transcript variant 2, mRNA;

(SEC61A2), transcript variant 5, non-coding RNA; gi|217330615|ref|NM\_001142627.1| Homo sapiens S

KIAA0141), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA;

i kinase kinase kinase 7 (MAP3K7), transcript variant A, mRNA; gi|21735563|ref|NM\_145332.1| Homo :

nsript variant 2, mRNA; gi|21735578|ref|NM\_015550.2| Homo sapiens oxysterol binding protein-like

(SPDYA), transcript variant 3, mRNA; gi|56961677|ref|NM\_001008779.1| Homo sapiens speedy homo

(TNRC6C), transcript variant 2, mRNA;

mRNA;

script variant 1, mRNA;

main containing (SPHKAP), transcript variant 1, mRNA;

ein, adipocyte associated 1 (TPRA1), transcript variant 2, mRNA; gi|209862908|ref|NM\_001136053.1|

, transcript variant 1, mRNA;

ar ribonucleoprotein L-like (HNRPLL), transcript variant 2, mRNA;

CS box containing 13 (ASB13), transcript variant 1, mRNA; gi|311771679|ref|NR\_037164.1| Homo sapie

se domain containing 1 (AARSD1), transcript variant 3, mRNA; gi|217416406|ref|NM\_001142654.1| Homo sapiens

D), transcript variant 2, non-coding RNA; gi|217416414|ref|NM\_002878.3| Homo sapiens RAD51 homolog

), transcript variant 1, mRNA; gi|218083181|ref|NM\_001142674.1| Homo sapiens chitinase domain containing  
ipt variant 2, mRNA; gi|218083729|ref|NM\_001142684.1| Homo sapiens zinc finger, MYM-type 5 (ZNF)

(ARHGAP32), transcript variant 2, mRNA;

er organic anion transporter family, member 1A2 (SLCO1A2), transcript variant 2, mRNA;

la) (DLG2), transcript variant 1, mRNA; gi|332164717|ref|NM\_001206769.1| Homo sapiens discs, large  
e similarity 111, member B (FAM111B), transcript variant 1, mRNA; gi|218156272|ref|NM\_001142703.1|

3156304|ref|NM\_001142679.1| Homo sapiens anoctamin 6 (ANO6), transcript variant 3, mRNA; gi|325  
pt variant 2, mRNA;

cassette, sub-family D (ALD), member 4 (ABCD4), transcript variant 1, mRNA;

ber 2 (ERI2), transcript variant 1, mRNA;

ading frame 56 (C12orf56), transcript variant 1, mRNA;

ame 73 (C11orf73), transcript variant 2, non-coding RNA; gi|218505725|ref|NR\_024598.1| Homo sapiens

x containing 14 (ASB14), transcript variant 1, mRNA;

ranscript variant A, mRNA; gi|218505788|ref|NM\_001142770.1| Homo sapiens protocadherin-related 15

ochondrial protein (DIABLO), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|  
ading frame 23 (C15orf23), transcript variant 3, mRNA; gi|218505826|ref|NM\_033286.3| Homo sapiens  
iens membrane associated guanylate kinase, WW and PDZ domain containing 3 (MAGI3), transcript vari

omo sapiens hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 7 (HSD3B7), tr  
ort regulator homolog 1 (E. coli) (CHAC1), transcript variant 1, mRNA;

d tyrosine protein kinase (DSTYK), transcript variant 1, mRNA;

iens solute carrier family 6 (neurotransmitter transporter, creatine), member 8 (SLC6A8), transcript vari:  
ation defect 1 (MPDU1), transcript variant 1, mRNA;

ng frame 56 (C21orf56), transcript variant 1, mRNA;

rosophila) (HES6), transcript variant 1, mRNA;  
EFCAB1), transcript variant 1, mRNA; gi|218751878|ref|NR\_024605.1| Homo sapiens EF-hand calcium

de binding protein 1 (HINT1), transcript variant 1, mRNA; gi|218777824|ref|NR\_024610.1| Homo sapiei  
P6K3), transcript variant 2, mRNA;

mRNA;

pt variant 1, mRNA;  
, sub-family A (ABC1), member 5 (ABCA5), transcript variant 1, mRNA;  
A;  
cript variant 2, mRNA;

RC61), transcript variant 1, mRNA;

t variant 1, mRNA;  
g frame 21 (C11orf21), transcript variant 2, non-coding RNA;

reading frame 49 (C21orf49), transcript variant 1, non-coding RNA;

A;

5), transcript variant 2, mRNA;

-coding RNA; gi|219283151|ref|NM\_001142930.1| Homo sapiens apoptosis inhibitor 5 (API5), transcript variant 2, mRNA;

ED5), transcript variant 2, mRNA;

ke domain 2 (AMIGO2), transcript variant 2, mRNA;

reading frame 88 (C21orf88), transcript variant 2, non-coding RNA;

CS box containing 17 (ASB17), transcript variant 1, mRNA;

reading frame 90 (C21orf90), transcript variant 1, non-coding RNA;

ited kinase 1 (SGK1), transcript variant 4, mRNA; gi|163644253|ref|NM\_005627.3| Homo sapiens serur

A 161 (LINC00161), non-coding RNA;

d-coil domain 1 (CALCOCO1), transcript variant 1, mRNA; gi|219521894|ref|NR\_026554.1| Homo sapiei

nRNA; gi|298231152|ref|NM\_001190158.1| Homo sapiens carboxylesterase 5A (CES5A), transcript var

ce similarity 13, member C (FAM13C), transcript variant 4, mRNA; gi|219555640|ref|NM\_001001971.2

2-hydroxylase interacting protein-like (PHYHIPL), transcript variant 1, mRNA;

tase 1 (CTDNEP1), transcript variant 1, mRNA;

sport 81 homolog (Chlamydomonas) (IFT81), transcript variant 1, mRNA; gi|219555659|ref|NM\_03147:

er 39 (SLC25A39), transcript variant 1, mRNA;

nolog (S. cerevisiae)-like (DIS3L), transcript variant 1, mRNA;

ng 27 (LRRC27), transcript variant 2, mRNA; gi|219555703|ref|NM\_001143759.1| Homo sapiens leucini

ation factor 5A (EIF5A), transcript variant C, mRNA; gi|219555708|ref|NM\_001970.4| Homo sapiens eu

ex central element protein 1 (SYCE1), transcript variant 1, mRNA; gi|219555715|ref|NM\_001143763.1|

variant 3, mRNA; gi|219555724|ref|NM\_001143766.1| Homo sapiens zinc finger protein 438 (ZNF438)

: complex component 1 (CTC1), transcript variant 2, non-coding RNA;

cript variant 2, mRNA;

protein 10 (GRB10), transcript variant 1, mRNA; gi|219689101|ref|NM\_001001555.2| Homo sapiens

ptidase inhibitor, clade B (ovalbumin), member 2 (SERPINB2), transcript variant 1, mRNA;  
transcript variant 1, mRNA;

oblastosis virus E26 oncogene homolog 1 (avian) (ETS1), transcript variant 1, mRNA; gi|241666445|ref|

4 (SLC38A4), transcript variant 2, mRNA;

DC68), transcript variant 2, mRNA;

to kappaB binding protein (NFRKB), transcript variant 2, mRNA;

sapiens solute carrier family 13 (sodium-dependent citrate transporter), member 5 (SLC13A5), transcript

MEM106C), transcript variant 4, mRNA; gi|219802779|ref|NM\_024056.3| Homo sapiens transmembra

(TCHP), transcript variant 2, mRNA;

IBG), transcript variant 1, mRNA;  
transcript variant 2, mRNA;

t 2, non-coding RNA;

al carrier triple repeat 1 pseudogene (LOC494141), transcript variant 1, non-coding RNA; gi|219842207|  
1, regulatory subunit 12A (PPP1R12A), transcript variant 5, mRNA; gi|219842213|ref|NM\_001143886.

(BP11), transcript variant 1, mRNA; gi|219842216|ref|NM\_001143781.1| Homo sapiens FK506 binding

1 (NAP1L1), transcript variant 2, mRNA;

variant 4, mRNA; gi|219842226|ref|NM\_002005.3| Homo sapiens feline sarcoma oncogene (FES), transcri  
transcript variant 2, mRNA;

COP9 constitutive photomorphogenic homolog subunit 2 (Arabidopsis) (COPS2), transcript variant 2, m  
domal recessive, mild) (USH2A), transcript variant 1, mRNA;

cript variant 1, mRNA;

ember 51 (SLC25A51), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|219  
NF), transcript variant 12, mRNA; gi|219842299|ref|NM\_001143811.1| Homo sapiens brain-derived ne



transcript variant 3, mRNA; gi|219842304|ref|NM\_016156.5| Homo sapiens myotubularin related protein 3, mRNA; gi|219842337|ref|NM\_005256.3| Homo sapiens growth arrest-specific 2 (GAS2), transcript RNA; gi|219842345|ref|NM\_001143836.1| Homo sapiens NADPH oxidase 4 (NOX4), transcript variant 2

in containing 1 (TRAFD1), transcript variant 2, mRNA;

ce similarity 76, member A (FAM76A), transcript variant 2, mRNA; gi|221139692|ref|NM\_001143915.1

tage-dependent, gamma subunit 6 (CACNG6), transcript variant 2, mRNA; gi|22027553|ref|NM\_145814

se 1 (MGST1), transcript variant 1a, mRNA; gi|22035633|ref|NM\_145764.1| Homo sapiens microsomal mRNA;

gi|371873628|ref|NR\_045828.1| Homo sapiens apolipoprotein M (APOM), transcript variant 3, non-coding RNA;

transcript variant 5, mRNA; gi|221307493|ref|NM\_004824.3| Homo sapiens chromodomain protein, Y-

.5), transcript variant 1, mRNA; gi|221136761|ref|NM\_145638.2| Homo sapiens oxysterol binding protein 1,

: variant 1, mRNA;

variant 2, mRNA;

Y) domain containing 3 (KBTBD3), transcript variant 2, mRNA;

4, member G (CLEC4G), transcript variant 2, mRNA;

, transcript variant 1, mRNA;

:aining 18 (ZCCHC18), transcript variant 2, non-coding RNA;

Arabidopsis) (DET1), transcript variant 2, mRNA; gi|221218985|ref|NM\_017996.3| Homo sapiens de-eti-1, transcript variant 2, mRNA;

in-like enhancer of split 6 (E(sp1) homolog, Drosophila) (TLE6), transcript variant 2, mRNA;

point family, member 6 (NBPF6), transcript variant 1, mRNA;

sense to TP53 (WRAP53), transcript variant 4, mRNA; gi|221136857|ref|NM\_001143990.1| Homo sapiens

as association (RalGDS/AF-6) domain family (N-terminal) member 7 (RASSF7), transcript variant 1, mRNA;

ative peptidoglycan-binding, domain containing 2 (LYSMD2), transcript variant 2, mRNA;

in homology domain containing, family O member 2 (PLEKHO2), transcript variant 2, mRNA;

myeloblastosis viral oncogene homolog (avian)-like 1 (MYBL1), transcript variant 2, mRNA;  
variant 1, mRNA;

script variant 2, mRNA;

ranscript variant 1, mRNA; gi|221139803|ref|NM\_001143941.1| Homo sapiens RNA binding motif prot

IA), transcript variant 1, mRNA;

l-regulating protein (ADTRP), transcript variant 2, mRNA;  
transcript variant 1, mRNA; gi|221139833|ref|NM\_001144036.1| Homo sapiens transmembrane protein  
frame 74 (C2orf74), transcript variant 1, mRNA;

l-sphingosine amidohydrolase (non-lysosomal ceramidase) 2 (ASAH2), transcript variant 2, mRNA;  
HAL6A), transcript variant 2, mRNA;  
13984.1| Homo sapiens protein tyrosine phosphatase, mitochondrial 1 (PTPMT1), nuclear gene encoding  
2, mRNA;

t variant 2, mRNA;

4436), transcript variant 1, non-coding RNA;

ducin-like enhancer of split 2 (E(sp1) homolog, Drosophila) (TLE2), transcript variant 2, mRNA; gi|221211  
nosyltransferase 2 family, polypeptide B10 (UGT2B10), transcript variant 1, mRNA;  
JA), transcript variant 2, mRNA;

: 2, mRNA;

SH3 domain, ankyrin repeat and PH domain 3 (ASAP3), transcript variant 1, mRNA;  
t variant 2, non-coding RNA;  
tein with glutamine synthetase domain (LGSN), transcript variant 1, mRNA;  
t variant 1, mRNA;



transcript variant 7, mRNA; gi|221316681|ref|NM\_003003.3| Homo sapiens SEC14-like 1 (S. cerevisiae)

n oxidoreductase 1 (NDOR1), transcript variant 3, mRNA; gi|221316706|ref|NM\_001144027.1| Homo s

(prosome, macropain) subunit, alpha type, 1 (PSMA1), transcript variant 2, mRNA; gi|221316703|ref|NI

it 3, mRNA; gi|221316734|ref|NM\_001143945.1| Homo sapiens growth arrest-specific 6 (GAS6), transc  
rRNA;

in 2 (EFCAB2), transcript variant 5, non-coding RNA; gi|221316726|ref|NR\_026587.1| Homo sapiens EF  
lated) (NAT10), transcript variant 2, mRNA;

ain containing 1 (THSD1), transcript variant 2, mRNA;

variant 1, mRNA;

ot variant 2, mRNA; gi|221316755|ref|NM\_000425.3| Homo sapiens L1 cell adhesion molecule (L1CAM  
L6756|ref|NM\_001144058.1| Homo sapiens neurotrimin (NTM), transcript variant 3, mRNA; gi|380459

iens ELAV (embryonic lethal, abnormal vision, Drosophila)-like 4 (Hu antigen D) (ELAVL4), transcript vari:

gi|221554538|ref|NM\_001144875.1| Homo sapiens docking protein 3 (DOK3), transcript variant 2, mR  
ript variant 2, non-coding RNA;

phosphatase 1 (IMPA1), transcript variant 2, mRNA; gi|221625506|ref|NM\_001144879.1| Homo sapiens

al sphingomyelinase (N-SMase) activation associated factor (NSMAF), transcript variant 1, mRNA;

2|ref|NM\_145869.1| Homo sapiens annexin A11 (ANXA11), transcript variant c, mRNA;

in 1 (MBIP), transcript variant 2, mRNA;  
RA), transcript variant 1, mRNA;

Homo sapiens pleckstrin homology domain containing, family G (with RhoGef domain) member 6 (PLEKH

.68168 (LOC100268168), transcript variant 1, non-coding RNA;

mily 30 (zinc transporter), member 7 (SLC30A7), transcript variant 1, mRNA;

ot variant 4, mRNA; gi|222080098|ref|NM\_006340.2| Homo sapiens BAI1-associated protein 2 (BAIAP2

ite carrier family 23 (nucleobase transporters), member 3 (SLC23A3), transcript variant 2, mRNA; gi|222

ipt variant 3, mRNA; gi|22208985|ref|NM\_019598.2| Homo sapiens kallikrein-related peptidase 12 (KL

anscript variant 3, mRNA; gi|22212921|ref|NM\_147162.1| Homo sapiens interleukin 11 receptor, alpha;  
ceptor 1 (SIGMAR1), transcript variant 2, mRNA;

ily member 1 (TM6SF1), transcript variant 2, mRNA;

y 16, member A (CLEC16A), transcript variant 2, mRNA;  
s-like 2 (NKIRAS2), transcript variant 1, mRNA; gi|222136631|ref|NM\_001144929.1| Homo sapiens NFκ  
i (TTC26), transcript variant 3, mRNA; gi|222136604|ref|NM\_001144920.1| Homo sapiens tetratricopep  
A;

RICKLE1), transcript variant 2, mRNA; gi|222136683|ref|NM\_001144883.1| Homo sapiens prickly hom  
omo sapiens Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 1 (CITED1  
elated 7 homolog (S. cerevisiae) (ATG7), transcript variant 3, mRNA; gi|222144225|ref|NM\_006395.2|  
r 2 (FGFR2), transcript variant 5, mRNA; gi|222144240|ref|NM\_001144918.1| Homo sapiens fibroblast  
script variant 2, mRNA;

P62CL), transcript variant 2, non-coding RNA;

ilarity 134, member C (FAM134C), transcript variant 2, non-coding RNA;  
rtin alpha 5) (KPNA1), transcript variant 1, mRNA;

outer layer 1 homolog (chicken) (VMO1), transcript variant 1, mRNA; gi|222144306|ref|NM\_0011449

ne family (RAB34), transcript variant 6, mRNA; gi|222144312|ref|NM\_001142624.2| Homo sapiens RAI  
tory (MYL12B), transcript variant 3, mRNA; gi|222144322|ref|NM\_033546.3| Homo sapiens myosin, lig

i|222352099|ref|NM\_182854.2| Homo sapiens sorting nexin 20 (SNX20), transcript variant 1, mRNA;

venger receptor cysteine rich domain containing (5 domains) (SSC5D), transcript variant 2, mRNA;



ipt variant 1, mRNA;

;

Homo sapiens nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor-like 1 (NFKBIL1) mRNA;

RNA 1 (non-protein coding) (ASMTL-AS1), transcript variant 2, non-coding RNA;

|222418614|ref|NM\_001144997.1| Homo sapiens integrin, alpha 7 (ITGA7), transcript variant 3, mRNA;

RNA; gi|222418644|ref|NM\_152291.2| Homo sapiens mucin 7, secreted (MUC7), transcript variant 3, mRNA; gi|222418652|ref|NM\_175910.6| Homo sapiens zinc finger protein 493 (ZNF493), transcript variant 3, mRNA;

A1 (BTN3A1), transcript variant 2, mRNA; gi|222418659|ref|NM\_001145009.1| Homo sapiens butyrophilin 3-like 3 (EFCAB3), transcript variant 1, mRNA;

RNA; gi|222418770|ref|NM\_001144951.1| Homo sapiens glycerate kinase (GLYCK), transcript variant 1, mRNA;

4B (EFCAB4B), transcript variant 3, mRNA;

olute carrier family 36 (proton/amino acid symporter), member 3 (SLC36A3), transcript variant 2, mRNA;  
; single stranded interacting protein 1 (RBMS1), transcript variant 1, mRNA;

hancer, mannosidase alpha-like 2 (EDEM2), transcript variant 2, mRNA; gi|222537741|ref|NR\_026728.:

U), transcript variant 2, mRNA;

oprotein (SARNP), transcript variant 3, non-coding RNA; gi|222831569|ref|NR\_026723.1| Homo sapien  
arrier organic anion transporter family, member 3A1 (SLCO3A1), transcript variant 2, mRNA;

reading frame 23 (C14orf23), transcript variant 2, non-coding RNA;

7 (TMPRSS7), transcript variant 2, non-coding RNA;

reading frame 52 (C6orf52), transcript variant 1, mRNA; gi|222831605|ref|NR\_026737.1| Homo sapien  
2 (SLC44A2), transcript variant 1, mRNA;

e similarity 190, member A (FAM190A), transcript variant 2, mRNA;

ant 1, mRNA;

NA; gi|223005904|ref|NR\_026735.1| Homo sapiens GPN-loop GTPase 1 (GPN1), transcript variant 5, nc

variant 2, mRNA;

te carrier family 2 (facilitated glucose transporter), member 6 (SLC2A6), transcript variant 2, mRNA;

riant 1, mRNA; gi|223029439|ref|NM\_001145102.1| Homo sapiens SMAD family member 3 (SMAD3), 1

3CD1), transcript variant 2, mRNA;

, mRNA; gi|223029471|ref|NM\_001145108.1| Homo sapiens NEL-like 2 (chicken) (NELL2), transcript va

EFCAB5), transcript variant 2, mRNA; gi|223029502|ref|NR\_026738.1| Homo sapiens EF-hand calcium

ule associated protein like 4 (EML4), transcript variant 2, mRNA;

4A; gi|223029379|ref|NM\_001144893.1| Homo sapiens CD209 molecule (CD209), transcript variant 5, i complex 2 (COG2), transcript variant 1, mRNA;

4, member M (CLEC4M), transcript variant 6, non-coding RNA; gi|223278338|ref|NM\_001144906.1| H

rocessing 12 homolog (S. cerevisiae) (RRP12), transcript variant 1, mRNA;

RNA;

), transcript variant 1, mRNA;

solute carrier family 1 (neutral amino acid transporter), member 5 (SLC1A5), transcript variant 3, mRNA

homo sapiens integrin, alpha V (vitronectin receptor, alpha polypeptide, antigen CD51) (ITGAV), transcript variant  
leucine aminopeptidase M8 family) (LMLN), transcript variant 4, non-coding RNA; gi|223468599|ref|NM\_001136041

ranscript variant 1, mRNA;

complex 6 (COG6), transcript variant 3, non-coding RNA; gi|223468626|ref|NM\_020751.2| Homo sapi

n-protein coding RNA 520 (LINC00520), transcript variant 1, non-coding RNA;  
, transcript variant 4, mRNA; gi|298231252|ref|NM\_001190263.1| Homo sapiens C1D nuclear recepto

script variant 1, mRNA;

135.1| Homo sapiens carnitine palmitoyltransferase 1B (muscle) (CPT1B), nuclear gene encoding mitoch

sorting 37 homolog A (S. cerevisiae) (VPS37A), transcript variant 2, mRNA;

ranscript variant 1, mRNA;

family 2, group F, member 2 (NR2F2), transcript variant 1, mRNA; gi|223555950|ref|NM\_001145156.1|

l), transcript variant 2, mRNA;

283392), transcript variant 2, non-coding RNA;

on gene 8 (DSCR8), transcript variant 3, non-coding RNA; gi|223556004|ref|NR\_026841.1| Homo sapie

erase 3 (PRMT3), transcript variant 3, mRNA; gi|223556006|ref|NM\_005788.3| Homo sapiens protein ;

ie/monooxygenase (DOHH), transcript variant 1, mRNA;

family 39 (zinc transporter), member 12 (SLC39A12), transcript variant 2, mRNA;

ript variant 2, mRNA;

2 (DKFZP686I15217), transcript variant 1, non-coding RNA;

A;

variant 2, mRNA; gi|194578914|ref|NM\_006620.3| Homo sapiens HBS1-like (S. cerevisiae) (HBS1L), transcript variant 1, mRNA;  
non-protein coding RNA 473 (LINC00473), transcript variant 2, non-coding RNA;

transcript variant 2, mRNA;

interleukin-1 receptor-associated kinase 4 (IRAK4), transcript variant 3, mRNA; gi|223671880|ref|NM\_001114182.2| Homo sapiens

cGMP-specific, rod, gamma (PDE6G), transcript variant 2, non-coding RNA;

late endosomal/lysosomal adaptor, MAPK and MTOR activator 2 (LAMTOR2), transcript variant 2, mRNA;  
solute carrier C1 (SLC35C1), transcript variant 2, mRNA; gi|223671914|ref|NM\_018389.4| Homo sapiens solute

rhodamine receptor 1 (CRHR1), transcript variant 1, mRNA; gi|223717984|ref|NM\_001145148.1| Homo sapiens  
transcript variant 2, mRNA; gi|223890138|ref|NM\_003411.3| Homo sapiens zinc finger protein, Y-linked (ZFY), transcript  
solute carrier family 37 (glycerol-3-phosphate transporter), member 2 (SLC37A2), transcript variant 2,  
interacting (RLIM), transcript variant 1, mRNA;  
Homo sapiens guanine nucleotide binding protein (G protein), alpha transducing activity polypeptide 1 (G

cGMP-specific, rod, beta (PDE6B), transcript variant 2, mRNA; gi|223718018|ref|NM\_001145292.1| Homo sapiens cGMP-specific, rod, beta (PDE6B), transcript variant MOR-1, mRNA; gi|347921153|ref|NM\_001145284.2| Homo sapiens opioid receptor, mu 1 (OPRM1), transcript variant 2, mRNA;

I and SPRY domain containing 1-like (FSD1L), transcript variant 3, mRNA; gi|89886467|ref|NM\_207647.4|NM\_001172312.1| Homo sapiens plastin 1 (PLS1), transcript variant 3, mRNA;  
RNA;

containing 22 (ZBTB22), transcript variant 2, mRNA;  
variant 1, mRNA; gi|223890213|ref|NM\_032838.4| Homo sapiens zinc finger protein 566 (ZNF566), tra

moted polypeptide (IPP), transcript variant 2, mRNA;



2, mRNA; gi|375151596|ref|NM\_001256580.1| Homo sapiens ribosomal protein L10 (RPL10), transcript variant 2, mRNA; gi|375151596|ref|NM\_001256580.1| Homo sapiens intracellular mediator containing kelch motifs (MKLN1), transcript variant 1, mRNA;

, transcript variant 3, mRNA; gi|223890280|ref|NM\_001145261.1| Homo sapiens nuclear receptor coactivator 1 (NCOA1), transcript variant 2, non-coding RNA;

transcript variant 2, mRNA; gi|126722883|ref|NM\_018491.3| Homo sapiens COB domain containing protein 1 (COB1), transcript variant 3, mRNA; gi|223941784|ref|NM\_001145358.1| Homo sapiens COB domain containing protein 1 (COB1), transcript variant 3, mRNA; gi|223941784|ref|NM\_001145358.1| Homo sapiens N-glycanase 1 (NGLY1), transcript variant 3, mRNA; gi|223941784|ref|NM\_001145358.1| Homo sapiens N-glycanase 1 (NGLY1), transcript variant 2, mRNA; gi|32967288|ref|NM\_181802.1| Homo sapiens ubiquitin-conjugating enzyme 1 (UBC1), transcript variant 2, mRNA; gi|32967288|ref|NM\_181802.1| Homo sapiens ubiquitin-conjugating enzyme 1 (UBC1), transcript variant 2, mRNA;

RNA; gi|296531350|ref|NM\_001184897.1| Homo sapiens PHD finger protein 8 (PHF8), transcript variant 1, mRNA;

, transcript variant 1, mRNA;

ant 1, mRNA;

sphatase, non-receptor type 3 (PTPN3), transcript variant 7, non-coding RNA; gi|223941875|ref|NM\_001145358.1| Homo sapiens sphatase, non-receptor type 3 (PTPN3), transcript variant 7, non-coding RNA;

151174), transcript variant 1, non-coding RNA;

main transcription factor) (ELF1), transcript variant 2, mRNA;

8), transcript variant 2, mRNA;

AP2), transcript variant 1, mRNA; gi|223942034|ref|NM\_001145278.1| Homo sapiens NECAP endocytosis  
protein frame 173 (C20orf173), transcript variant 2, non-coding RNA;

Homo sapiens 3-oxoacyl-ACP synthase, mitochondrial (OXSM), nuclear gene encoding mitochondrial pro-  
tein endonuclease 2 homolog (S. cerevisiae) (TSEN2), transcript variant 5, mRNA; gi|223972629|ref|NM\_021  
protein stability candidate 2 (non-protein coding) (CASC2), transcript variant 3, non-coding RNA; gi|223972640|

aldehyde dehydrogenase 16 family, member A1 (ALDH16A1), transcript variant 2, mRNA;

protein domain containing 2 (MPPED2), transcript variant 2, mRNA;

protein domain containing 2 (ADAD2), transcript variant 1, mRNA;

transcript variant 2, mRNA;

transcript variant 1, non-coding RNA;  
protein binding, octamer-binding (NONO), transcript variant 2, mRNA; gi|224028247|ref|NM\_001145410.1| Homo

transcript variant 2, non-coding RNA;

transcript variant 1, mRNA;

15), transcript variant 3, mRNA; gi|224028277|ref|NM\_033408.3| Homo sapiens transmembrane proteoglycan 2 (Drosophila) (MSL2), transcript variant 1, mRNA; a pseudogene 82 (RPL23AP82), transcript variant 2, non-coding RNA; transcript variant 3, mRNA; gi|224177466|ref|NM\_001145415.1| Homo sapiens SET domain, bifurcated 1 (SETD1A) (339524), transcript variant 5, non-coding RNA; gi|224177486|ref|NR\_026986.1| Homo sapiens uncharacterized family 1, group D, member 2 (NR1D2), transcript variant 1, mRNA;

non-protein coding RNA 293 (LINC00293), transcript variant B, non-coding RNA; synthase (2,3-oxidosqualene-lanosterol cyclase) (LSS), transcript variant 2, mRNA; gi|224177554|ref|NM\_001163000.2| SUGP2, transcript variant 2, mRNA; tyrosine synthetizing protein 1 homolog B (S. cerevisiae) (TYW1B), transcript variant 1, mRNA; kinase (ANKRD30BL), transcript variant 2, non-coding RNA;

guanine 1 (GUSBP1), transcript variant 3, non-coding RNA; gi|224282144|ref|NR\_027027.1| Homo sapiens glycolytic protein 3 (PFKFB3), transcript variant 1, mRNA;

ant 6, mRNA; gi|224282162|ref|NM\_001145447.1| Homo sapiens zinc finger protein 200 (ZNF200), tra  
mRNA;

cript variant 2, mRNA; gi|224282177|ref|NM\_001145453.1| Homo sapiens GDNF family receptor alpha

401093), transcript variant 1, non-coding RNA;

gi|224282186|ref|NM\_032495.5| Homo sapiens HOP homeobox (HOPX), transcript variant 1, mRNA; g  
or homolog B (S. cerevisiae) (YIF1B), transcript variant 7, mRNA; gi|224451027|ref|NM\_001039673.2|  
451035|ref|NM\_001145305.1| Homo sapiens KIAA1683 (KIAA1683), transcript variant 3, mRNA;

n-protein coding RNA 282 (LINC00282), transcript variant 2, non-coding RNA;

RNA 1 (non-protein coding) (THAP7-AS1), transcript variant 1, non-coding RNA;

07.3| Homo sapiens endo/exonuclease (5'-3'), endonuclease G-like (EXOG), nuclear gene encoding mito  
nscript variant 1, mRNA;

aining 7 (ASB7), transcript variant 2, mRNA;

molog 2 (E. coli) (ALKBH2), transcript variant 5, mRNA; gi|224451102|ref|NM\_001145374.1| Homo sap  
protein complex 5, mu 1 subunit (AP5M1), transcript variant 1, mRNA;

5CAF4), transcript variant 1, mRNA; gi|224451132|ref|NM\_001145444.1| Homo sapiens SR-related CTC

n-protein coding RNA 114 (LINC00114), transcript variant 1, non-coding RNA; gi|224458298|ref|NR\_02

285419), transcript variant 1, non-coding RNA;

285593), transcript variant 1, non-coding RNA;

285740), transcript variant 1, non-coding RNA;

285954), transcript variant 2, non-coding RNA;

gi|224465179|ref|NM\_001134673.3| Homo sapiens nuclear factor I/A (NFIA), transcript variant 1, m  
32215 (LOC100132215), transcript variant 2, non-coding RNA;

5193|ref|NM\_001145513.1| Homo sapiens secernin 1 (SCRN1), transcript variant 1, mRNA; gi|224465

283761), transcript variant 2, non-coding RNA; gi|224465204|ref|NR\_027074.1| Homo sapiens unchar

283914), transcript variant 2, non-coding RNA;

2, mRNA; gi|326937474|ref|NM\_001145526.2| Homo sapiens arylformamidase (AFMID), transcript va

ε-lysine N-methyltransferase 1 (EHMT1), transcript variant 1, mRNA;

284788), transcript variant 1, non-coding RNA;

284798), transcript variant 2, non-coding RNA; gi|224465252|ref|NR\_027093.1| Homo sapiens unchar

n-protein coding RNA 486 (LINC00486), transcript variant 2, non-coding RNA; gi|224465256|ref|NR\_02

l8), transcript variant 3, non-coding RNA; gi|224493705|ref|NM\_033117.3| Homo sapiens RNA binding

reading frame 67 (C21orf67), transcript variant 1, non-coding RNA;

145820), transcript variant 1, non-coding RNA;

ranscript variant 2, mRNA;

ain containing 18 (ZSCAN18), transcript variant 5, non-coding RNA; gi|224493904|ref|NM\_001145542.1  
7 (ZDHC7), transcript variant 2, mRNA;

ranscript variant 1, mRNA;

is factor receptor superfamily, member 10b (TNFRSF10B), transcript variant 3, non-coding RNA; gi|2244

ript variant 2, non-coding RNA;

transcript variant 2, mRNA;

iPSM1), transcript variant 1, mRNA; gi|224548924|ref|NM\_015597.4| Homo sapiens G-protein signalin

1 reading frame 108 (C10orf108), transcript variant 1, non-coding RNA;

effective 1 homolog B (C. elegans) (APH1B), transcript variant 1, mRNA;

tisense RNA 1 (non-protein coding) (PPP2R3B-AS1), transcript variant 2, non-coding RNA;

ranscript variant 1, mRNA;

ant 2, mRNA; gi|224586892|ref|NR\_027239.1| Homo sapiens zinc finger protein 529 (ZNF529), transcr  
388796), transcript variant 2, non-coding RNA;

n 3 (p17 subunit) (POLE3), mRNA;  
variant 1, mRNA;

mRNA; gi|224586819|ref|NR\_027265.1| Homo sapiens golgi glycoprotein 1 (GLG1), transcript variant 5  
(CCDC110), transcript variant 2, mRNA;  
n-protein coding RNA 310 (LINC00310), transcript variant 1, non-coding RNA;

.28788 (LOC100128788), transcript variant 2, non-coding RNA;

ining 2 (SORBS2), transcript variant 7, mRNA; gi|224586848|ref|NM\_001145672.1| Homo sapiens sorbi  
ng receptor 3 (NCR3), transcript variant 2, mRNA; gi|224586862|ref|NM\_147130.2| Homo sapiens natu  
subunit 1 (HAUS1), transcript variant 1, mRNA;  
VA;

ecific guanine nucleotide-releasing factor 1 (RASGRF1), transcript variant 2, mRNA; gi|224586879|ref|N  
ript variant 2, mRNA;

holipase domain containing 1 (PNPLA1), transcript variant 2, mRNA; gi|224593248|ref|NM\_173676.2|

se RNA 1 (non-protein coding) (FLVCR1-AS1), transcript variant 2, non-coding RNA;

cript variant 1, mRNA;



mouse) (LYAR), transcript variant 2, mRNA;

C57346), transcript variant 1, non-coding RNA;

variant 3, mRNA; gi|224611697|ref|NM\_032638.4| Homo sapiens GATA binding protein 2 (GATA2), transcript variant 1, mRNA;

pigmentosum, complementation group C (XPC), transcript variant 2, mRNA; gi|224809294|ref|NM\_004  
variant 2, mRNA; gi|224809328|ref|NM\_001145776.1| Homo sapiens FK506 binding protein 5 (FKBP5), tra  
56), transcript variant 6, mRNA; gi|224809313|ref|NM\_001145770.1| Homo sapiens G protein-coupled

2, mRNA;

pigmentosum, complementation group A (XPA), transcript variant 1, mRNA;

rough (MEF2BNB-MEF2B), transcript variant 3, non-coding RNA; gi|224809415|ref|NM\_005919.3| Ho

153910), transcript variant 1, non-coding RNA;

transcript variant 2, non-coding RNA;

la) (HOMER3), transcript variant 4, mRNA; gi|224809409|ref|NM\_001145721.1| Homo sapiens homer

t variant 2, mRNA;

variant 4, mRNA; gi|224809477|ref|NM\_001145525.1| Homo sapiens retinoic acid induced 14 (RAI14),  
mRNA; gi|229892344|ref|NM\_001160045.1| Homo sapiens GLI family zinc finger 1 (GLI1), transcript va

[RAP1GAP), transcript variant 1, mRNA; gi|224809581|ref|NM\_002885.2| Homo sapiens RAP1 GTPase :

978.2| Homo sapiens leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains  
n, alpha M (complement component 3 receptor 3 subunit) (ITGAM), transcript variant 2, mRNA;  
sapiens optic atrophy 1 (autosomal dominant) (OPA1), nuclear gene encoding mitochondrial protein, tr

nel, voltage-dependent, beta 4 subunit (CACNB4), transcript variant 4, mRNA; gi|224831258|ref|NM\_00

ining 2 (AMDHD2), transcript variant 1, mRNA;

ant 2, mRNA; gi|224926821|ref|NM\_001145812.1| Homo sapiens SH2B adaptor protein 1 (SH2B1), tra  
L908), transcript variant 3, non-coding RNA; gi|224967045|ref|NR\_027328.1| Homo sapiens uncharact  
box 6 (SOX6), transcript variant 3, mRNA; gi|224967048|ref|NM\_017508.2| Homo sapiens SRY (sex det

component (C1S), transcript variant 2, mRNA;

NI2), transcript variant 2, mRNA; gi|224967058|ref|NM\_003282.3| Homo sapiens troponin I type 2 (ske  
sapiens mitochondrial fission regulator 1 (MTFR1), nuclear gene encoding mitochondrial protein, transc  
, transcript variant 3, non-coding RNA; gi|158081749|ref|NR\_003949.1| Homo sapiens FK506 binding p  
out, axon guidance receptor, homolog 1 (Drosophila) (ROBO1), transcript variant 4, mRNA; gi|2943454C  
(SLC45A2), transcript variant 1, mRNA;  
4994198|ref|NM\_001145852.1| Homo sapiens prominin 1 (PROM1), transcript variant 4, mRNA; gi|22.  
S1), transcript variant 2, mRNA;  
n-protein coding RNA 173 (LINC00173), transcript variant 1, non-coding RNA;  
TMR11), transcript variant 2, mRNA;  
protein coding) (MIR17HG), non-coding RNA;  
gi|225007534|ref|NM\_001768.6| Homo sapiens CD8a molecule (CD8A), transcript variant 1, mRNA; gi  
ic protein 1 pseudogene (LOC645166), transcript variant 2, non-coding RNA; gi|225007560|ref|NR\_027.

id beta (A4) precursor protein-binding, family B, member 2 (APBB2), transcript variant 4, mRNA; gi|260

ocessing of precursor 1, ribonuclease P/MRP subunit (S. cerevisiae) (POP1), transcript variant 1, mRNA; g

glycan anchor biosynthesis, class Q (PIGQ), transcript variant 2, mRNA;

:| Homo sapiens phosphatidylethanolamine N-methyltransferase (PEMT), nuclear gene encoding mitoch

NM\_001144900.1 | Homo sapiens Smith-Magenis syndrome chromosome region, candidate 7 (SMCR7),

variant 2, mRNA; gi|22538790|ref|NM\_007217.3 | Homo sapiens programmed cell death 10 (PDCD10),

L23), transcript variant CKbeta8, mRNA;

sapiens mitochondrial ribosomal protein L4 (MRPL4), nuclear gene encoding mitochondrial protein, transci

Homo sapiens serine hydroxymethyltransferase 1 (soluble) (SHMT1), nuclear gene encoding mitochondr

idase 1 (interstitial collagenase) (MMP1), transcript variant 2, mRNA;

sapiens platelet-activating factor acetylhydrolase 1b, catalytic subunit 3 (29kDa) (PAFAH1B3), transcript va

te carrier organic anion transporter family, member 1C1 (SLCO1C1), transcript variant 1, mRNA; gi|2255543155|ref|NM\_004085.3 | Homo sapiens translocase of inner mitochondrial membrane 8 homolog A

monoclonal antibody Ki-67 (MKI67), transcript variant 1, mRNA;

1), transcript variant 4, non-coding RNA; gi|225543284|ref|NM\_001145713.1 | Homo sapiens SUMO1

ein 17A (AKAP17A), transcript variant 1, mRNA;

[illegible]

osomal recessive, severe) (USH1C), transcript variant b3, mRNA;  
, alpha (non A4 component of amyloid precursor) (SNCA), transcript variant 2, mRNA; gi|225690600|ref  
bound O-acyltransferase domain containing 7 (MBOAT7), transcript variant 1, mRNA; gi|225703080|re

ipt variant 3, mRNA; gi|225703105|ref|NM\_001146070.1| Homo sapiens tudor domain containing 3 (T  
anscript variant 1, mRNA;  
uperfamily domain containing 10 (MFSD10), transcript variant 1, mRNA;  
4721353|ref|NM\_006636.3| Homo sapiens methylenetetrahydrofolate dehydrogenase (NADP+ depend

iA8A), transcript variant 1, mRNA;  
transcript variant 2, non-coding RNA;

3141|ref|NM\_001146079.1| Homo sapiens claudin 14 (CLDN14), transcript variant 5, mRNA; gi|225703

rotein 3 (RPAP3), transcript variant 3, mRNA; gi|225735592|ref|NM\_001146075.1| Homo sapiens RNA  
soderm induction early response 1 homolog (Xenopus laevis) (MIER1), transcript variant 3, mRNA; gi|22  
ing protein 2 homolog A (Drosophila) (DIP2A), transcript variant 2, mRNA; gi|225735624|ref|NM\_0011

ariant 2, mRNA;

PR2), transcript variant 1, mRNA; gi|225903384|ref|NM\_001146151.1| Homo sapiens arginine vasop

1), transcript variant 3, non-coding RNA; gi|225903438|ref|NM\_001146160.1| Homo sapiens TatD DN

P450, family 51, subfamily A, polypeptide 1 (CYP51A1), transcript variant 1, mRNA;

ience similarity 182, member B (FAM182B), transcript variant 2, non-coding RNA;

idase (MOGS), transcript variant 1, mRNA;

5 (GRM5), transcript variant a, mRNA;  
B), transcript variant 1, mRNA;

ant 1, mRNA;

ant 4, mRNA; gi|226053068|ref|NM\_006210.2| Homo sapiens paternally expressed 3 (PEG3), transcript

up box family member 3 (TOX3), transcript variant 2, mRNA;

t variant 3, mRNA; gi|226054556|ref|NM\_024569.4| Homo sapiens myelin protein zero-like 1 (MPZL1),  
cript variant 3, mRNA; gi|226059132|ref|NM\_012212.3| Homo sapiens prostaglandin reductase 1 (PTG  
219347), transcript variant 5, non-coding RNA; gi|226061013|ref|NR\_027430.1| Homo sapiens unchar

l (TATDN3), transcript variant 5, mRNA; gi|226061590|ref|NM\_001042552.2| Homo sapiens TatD DNase  
se 1 (FAN1), transcript variant 1, mRNA; gi|226246528|ref|NM\_001146096.1| Homo sapiens FANCD2/F  
ning 12 (ZMYND12), transcript variant 1, mRNA;

ASGRP4), transcript variant f, mRNA; gi|226246585|ref|NM\_001146207.1| Homo sapiens RAS guanyl re

ilarity 186, member B (FAM186B), transcript variant 2, non-coding RNA;  
containing (ISPD), transcript variant 2, mRNA;  
ript variant 2, mRNA;

5661|ref|NM\_080747.2| Homo sapiens keratin 72 (KRT72), transcript variant 1, mRNA;  
1, mRNA;

t variant 2, mRNA; gi|226246681|ref|NM\_001146155.1| Homo sapiens prostaglandin reductase 2 (PTG  
BC1D15), transcript variant 1, mRNA; gi|226342870|ref|NR\_027449.1| Homo sapiens TBC1 domain fan

VA; gi|226342930|ref|NM\_024825.3| Homo sapiens podocan-like 1 (PODNL1), transcript variant 1, mR  
ng 15 (ZDHC15), transcript variant 2, mRNA; gi|226342942|ref|NM\_001146257.1| Homo sapiens zinc  
transcript variant 2, mRNA; gi|226342975|ref|NM\_001146265.1| Homo sapiens G protein-coupled rec

variant 2, mRNA; gi|226342993|ref|NM\_001146173.1| Homo sapiens SLAM family member 9 (SLAMF9), transcript variant 1, mRNA; gi|226371776|ref|NM\_001146280.1| Homo sapiens sex hormone-binding globulin 4 (SHBG), transcript variant 1, mRNA; factor 7-like 2 (T-cell specific, HMG-box) (TCF7L2), transcript variant 13, mRNA; gi|226371622|ref|NM\_001146280.1| Homo sapiens sex hormone-binding globulin 4 (SHBG), transcript variant 2, non-coding RNA; variant 1, mRNA; variant 2, mRNA;

variant 3, mRNA; gi|226371653|ref|NM\_001039891.2| Homo sapiens zinc finger protein 674 (ZNF674), transcript variant 1, mRNA;

variant 1, mRNA; variant 2, mRNA;

variant 3, mRNA; gi|226371653|ref|NM\_001039891.2| Homo sapiens zinc finger protein 674 (ZNF674), transcript variant 1, mRNA;

variant 1, mRNA; variant 2, mRNA;

variant 3, mRNA; gi|226371653|ref|NM\_001039891.2| Homo sapiens zinc finger protein 674 (ZNF674), transcript variant 1, mRNA;

variant 1, mRNA; variant 2, mRNA;

variant 3, mRNA; gi|226371653|ref|NM\_001039891.2| Homo sapiens zinc finger protein 674 (ZNF674), transcript variant 1, mRNA;

variant 1, mRNA; variant 2, mRNA;

variant 3, mRNA; gi|226371653|ref|NM\_001039891.2| Homo sapiens zinc finger protein 674 (ZNF674), transcript variant 1, mRNA;

variant 1, mRNA; variant 2, mRNA;

variant 3, mRNA; gi|226371653|ref|NM\_001039891.2| Homo sapiens zinc finger protein 674 (ZNF674), transcript variant 1, mRNA;

lase 2A (KDM2A), transcript variant 3, mRNA; gi|226437603|ref|NM\_012308.2| Homo sapiens lysine (K

DM2B), transcript variant 2, mRNA;

minotransferase 2-like 1 (AGXT2L1), transcript variant 3, mRNA; gi|226442712|ref|NR\_027474.1| Homo

DM3A), transcript variant 2, mRNA;

IC (KDM4C), transcript variant 3, mRNA; gi|226442888|ref|NM\_001146694.1| Homo sapiens lysine (K)-

DM5C), transcript variant 2, mRNA;

KDM5D), transcript variant 3, mRNA; gi|226442990|ref|NM\_001146705.1| Homo sapiens lysine (K)-spe

ranscript variant 5, mRNA; gi|226443010|ref|NM\_001146319.1| Homo sapiens GRAM domain containi

ypeptide 30 (DHX30), transcript variant 1, mRNA;

ing 14B (ABHD14B), transcript variant 3, mRNA; gi|226443148|ref|NM\_032750.2| Homo sapiens abhy

DC42), transcript variant 2, mRNA;

9), transcript variant 3, mRNA; gi|226497573|ref|NM\_016196.3| Homo sapiens RNA binding motif prot

obulin and mucin domain containing 4 (TIMD4), transcript variant 1, mRNA;

ranscript variant 2, mRNA; gi|226503894|ref|NM\_025078.4| Homo sapiens PQ loop repeat containing

member 5 (HRASLS5), transcript variant 3, mRNA; gi|226491949|ref|NM\_001146729.1| Homo sapiens

ariant 8, mRNA; gi|226528301|ref|NM\_001153552.1| Homo sapiens short coiled-coil protein (SCOC), ti

family, member G (POTEG), transcript variant 1, mRNA;

DC81), transcript variant 1, mRNA;

pt variant 1, mRNA;

ne deaminase domain containing 1 (testis-specific) (ADAD1), transcript variant 3, mRNA; gi|226529626|  
ariant 1, mRNA;

ariant 3, non-coding RNA; gi|226529916|ref|NM\_001159287.1| Homo sapiens triosephosphate isomer

sapiens microtubule associated monooxygenase, calponin and LIM domain containing 1 (MICAL1), trans



NA;

HGAP27), transcript variant 3, mRNA;

ospholipase A2, group IVC (cytosolic, calcium-independent) (PLA2G4C), transcript variant 3, mRNA; gi|2

amily, member 4 (REG4), transcript variant 2, mRNA; gi|226823232|ref|NM\_001159352.1| Homo sapie  
A; gi|226874830|ref|NM\_001159390.1| Homo sapiens guanylate kinase 1 (GUK1), transcript variant 1,

antisense RNA 1 (non-protein coding) (COL18A1-AS1), transcript variant 1, non-coding RNA;  
ns isovaleryl-CoA dehydrogenase (IVD), nuclear gene encoding mitochondrial protein, transcript variant

gi|226958550|ref|NM\_001159398.1| Homo sapiens Fc receptor-like 1 (FCRL1), transcript variant 3, m  
t variant 1, mRNA;

ceptor, transporter, alpha (FCGRT), transcript variant 2, mRNA;  
ipt variant 1, mRNA;

ariant 3, mRNA; gi|227116307|ref|NM\_001159546.1| Homo sapiens ret finger protein-like 2 (RFPL2), ti  
membrane protein 1 (KREMEN1), transcript variant 2, mRNA;

ion-voltage-gated 1 alpha subunit (SCNN1A), transcript variant 1, mRNA; gi|227430288|ref|NM\_001159  
gi|227430300|ref|NM\_001159587.1| Homo sapiens CD109 molecule (CD109), transcript variant 2, mR

ing, Ysc84-like 1 (*S. cerevisiae*) (SH3YL1), transcript variant 1, mRNA;

ariant 1, mRNA;

IANF2), transcript variant 3, mRNA; gi|227452408|ref|NM\_001014977.3| Homo sapiens barrier to auto

variant 5, non-coding RNA; gi|100913025|ref|NM\_001040647.1| Homo sapiens CGRP receptor compor

membrane 2 (MCTP2), transcript variant 3, mRNA; gi|227496439|ref|NM\_018349.3| Homo sapiens mi

.86844 (LOC100286844), transcript variant 1, non-coding RNA; gi|227497653|ref|NR\_027501.1| Homo

alactosaminyl transferase 2 (B4GALNT2), transcript variant 2, mRNA; gi|227497757|ref|NM\_001159388

ed guanylate kinase-associated homolog (rat) (BEGAIN), transcript variant 1, mRNA;

amily (RAB28), transcript variant 1, mRNA; gi|227498035|ref|NM\_001159601.1| Homo sapiens RAB28,

ier family 27 (fatty acid transporter), member 2 (SLC27A2), transcript variant 2, mRNA;

2 (TMPRSS2), transcript variant 2, mRNA;

ript variant 1, mRNA;

19kD interacting protein like (BNIPL), transcript variant 2, mRNA;

ptotagmin binding, cytoplasmic RNA interacting protein (SYNCRIP), transcript variant 3, mRNA; gi|35933

variant 1, mRNA;

IL1), transcript variant 3, mRNA; gi|228480208|ref|NM\_001159701.1| Homo sapiens four and a half LIM  
LIM domains 1 pseudogene (LOC100128164), transcript variant 2, non-coding RNA;  
ulin-like variable motif containing (BIVM), transcript variant 1, mRNA;

mRNA;

omes in cell division 1 (BOD1), transcript variant 2, mRNA;

ng 2 (PLBD2), transcript variant 1, mRNA;

RNA;

nain containing 12 (FBXW12), transcript variant 1, mRNA; gi|229576893|ref|NM\_001159927.1| Homo  
3 (EVI5L), transcript variant 2, mRNA;  
IA; gi|229577042|ref|NM\_001159709.1| Homo sapiens butyrophilin-like 8 (BTNL8), transcript variant 5

in 9 (ADAM9), transcript variant 4, non-coding RNA; gi|54292119|ref|NM\_003816.2| Homo sapiens AC

sapiens cytidine monophospho-N-acetylneuraminic acid hydroxylase, pseudogene (CMAHP), transcript  
riant 1, mRNA;

iant 2, mRNA;

ant 3, mRNA; gi|229577395|ref|NM\_001159860.1| Homo sapiens zinc finger protein 583 (ZNF583), tra  
l, transcript variant 1, mRNA;

ranscript variant 2, mRNA;

i containing 2B (CC2D2B), transcript variant 1, mRNA;

ains 2 (BZW2), transcript variant 1, mRNA; gi|229577404|ref|NR\_027624.1| Homo sapiens basic leucin

arrier family 39 (metal ion transporter), member 11 (SLC39A11), transcript variant 2, mRNA;  
IT1), transcript variant 2, mRNA; gi|229577443|ref|NM\_001159773.1| Homo sapiens calcium activated  
ed 5-like 1 (SPATA5L1), transcript variant 1, mRNA;

transcript variant 5, non-coding RNA; gi|229892216|ref|NR\_024125.2| Homo sapiens ATP1A1 opposite  
\_001160030.1| Homo sapiens fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascula

92274|ref|NM\_001160011.1| Homo sapiens ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N

cript variant 2, mRNA; gi|229892196|ref|NM\_001160046.1| Homo sapiens shugoshin-like 2 (S. pombe)  
iRNA;

ript variant 1, mRNA; gi|23065525|ref|NM\_152236.1| Homo sapiens growth arrest-specific 2 like 1 (G/

pt variant 2, mRNA;

eptide 1 (IGLL1), transcript variant 2, mRNA;

dly-rectifying channel, subfamily J, member 4 (KCNJ4), transcript variant 2, mRNA;

pt variant 1, mRNA;

.569108|ref|NM\_006984.4| Homo sapiens claudin 10 (CLDN10), transcript variant b, mRNA;

i|231569457|ref|NM\_001160102.1| Homo sapiens lactoperoxidase (LPO), transcript variant 3, mRNA;

lial cell) (NOS3), transcript variant 4, mRNA; gi|231571313|ref|NM\_001160109.1| Homo sapiens nitric

tivating protein (TAGAP), transcript variant 3, mRNA; gi|23199969|ref|NM\_054114.3| Homo sapiens T-  
transcript variant 3, mRNA; gi|23199973|ref|NM\_152857.1| Homo sapiens Wilms tumor 1 associated p

ctor receptor superfamily, member 18 (TNFRSF18), transcript variant 2, mRNA; gi|23238196|ref|NM\_1.

l), transcript variant 2, mRNA;

complex, subunit 2, 34kDa (ARPC2), transcript variant 1, mRNA;

EF-hand calcium binding domain 1 (PPEF1), transcript variant 1b, mRNA; gi|23312379|ref|NM\_006240

RNA; gi|23312387|ref|NM\_139320.1| Homo sapiens CHRNA7 (cholinergic receptor, nicotinic, alpha 7,

le containing, mucin-like, hormone receptor-like 2 (EMR2), transcript variant 3, mRNA; gi|23397682|ref

er family 22 (organic cation transporter), member 1 (SLC22A1), transcript variant 1, mRNA;

ant 1, mRNA;

-coding RNA; gi|236460751|ref|NM\_001160125.1| Homo sapiens Kruppel-like factor 6 (KLF6), transcript  
sium voltage-gated channel, KQT-like subfamily, member 5 (KCNQ5), transcript variant 1, mRNA; gi|236  
ng frame 63 (C7orf63), transcript variant 1, mRNA;  
beta1c, mRNA; gi|236459225|ref|NM\_013960.3| Homo sapiens neuregulin 1 (NRG1), transcript varian  
riant 3, non-coding RNA; gi|236465646|ref|NM\_005585.4| Homo sapiens SMAD family member 6 (SM

ant 1, mRNA; gi|237512952|ref|NR\_027660.1| Homo sapiens zinc finger protein 138 (ZNF138), transcr  
4.2| Homo sapiens mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase, isozyme  
| Homo sapiens mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase, isozyme  
1, mRNA; gi|219842330|ref|NM\_001143828.1| Homo sapiens histamine receptor H4 (HRH4), transcrip  
(TXNDC16), transcript variant 2, mRNA;  
transcript variant 1, mRNA;

onucleoprotein D2 polypeptide 16.5kDa (SNRPD2), transcript variant 1, mRNA;

glucosyltransferase 1 (UGGT1), transcript variant 2, non-coding RNA;

containing 2 (RHOBTB2), transcript variant 2, mRNA; gi|237649112|ref|NM\_015178.2| Homo sapiens Rf  
e 1 (arylamine N-acetyltransferase) (NAT1), transcript variant 3, mRNA; gi|237649008|ref|NM\_001160  
oxidase (RNLS), transcript variant 2, mRNA;  
ript variant 2, mRNA; gi|237681174|ref|NM\_001160259.1| Homo sapiens cannabinoid receptor 1 (bra  
NA-specific, B1 (ADARB1), transcript variant 2, mRNA; gi|237681086|ref|NR\_027673.1| Homo sapiens  
nsporting, alpha 1 polypeptide (ATP1A1), transcript variant 1, mRNA; gi|237681110|ref|NM\_00116023  
t variant 2, mRNA; gi|237681120|ref|NM\_007297.3| Homo sapiens breast cancer 1, early onset (BRCA1  
riant 2, mRNA;

n-protein coding RNA 176 (LINC00176), transcript variant 2, non-coding RNA;

PYD), transcript variant 1, mRNA;

ding RNA; gi|237757304|ref|NM\_002636.4| Homo sapiens PHD finger protein 1 (PHF1), transcript vari

ant long, mRNA;  
i7757309|ref|NM\_003895.3| Homo sapiens synaptojanin 1 (SYNJ1), transcript variant 1, mRNA; gi|237

cript variant 1, mRNA; gi|237757345|ref|NM\_001160148.1| Homo sapiens DDHD domain containing 1  
NA; gi|237757348|ref|NM\_024841.4| Homo sapiens proline rich 5 like (PRR5L), transcript variant 2, m  
mRNA; gi|237757265|ref|NR\_027690.1| Homo sapiens ceramide kinase-like (CERKL), transcript variant

in homology domain containing, family N member 1 (PLEKHN1), transcript variant 2, mRNA;

ript variant c, mRNA; gi|237858584|ref|NR\_027703.1| Homo sapiens cyclin-dependent kinase 10 (CDK:  
d factor 1 binding protein 1 (PMFBP1), transcript variant 1, mRNA;  
ant 6, non-coding RNA; gi|237858653|ref|NM\_030954.3| Homo sapiens ring finger protein 170 (RNF17

ng frame 40 (C15orf40), transcript variant 1, mRNA; gi|237858667|ref|NM\_001160115.1| Homo sapier  
nt 12, non-coding RNA; gi|237858720|ref|NR\_027685.1| Homo sapiens RPA interacting protein (RPAIN)  
x, locus K (LY6K), transcript variant 2, mRNA; gi|237820710|ref|NM\_017527.3| Homo sapiens lymphoc  
ng 1 (AKD1), transcript variant 2, mRNA;

transcript variant 2, non-coding RNA;

riant 2, mRNA;  
38018055|ref|NM\_004018.2| Homo sapiens dystrophin (DMD), transcript variant Dp71ab, mRNA; gi|2:  
non-protein coding) (IDI2-AS1), transcript variant 4, non-coding RNA; gi|219279764|ref|NR\_024628.1|

ranscript variant 2, mRNA;

riant 1, mRNA;  
nsript variant 3, mRNA; gi|238550152|ref|NM\_001033678.3| Homo sapiens tRNA phosphotransferas

|238550195|ref|NM\_001160328.1| Homo sapiens synaptotagmin III (SYT3), transcript variant 2, mRNA  
RNA;

ariant 4, mRNA; gi|238550205|ref|NM\_030776.2| Homo sapiens Z-DNA binding protein 1 (ZBP1), trans  
t variant 2, mRNA;

nsript variant 1, mRNA;

plex 9 (TRAPPC9), transcript variant 2, mRNA;

1353.1| Homo sapiens potassium large conductance calcium-activated channel, subfamily M, alpha men  
3624145|ref|NM\_017455.3| Homo sapiens neuroplastin (NPTN), transcript variant a, mRNA; gi|238624

script variant 2, mRNA;

3 frame 136 (C6orf136), transcript variant 2, mRNA; gi|238624191|ref|NM\_001109938.2| Homo sapiens factor 2 mRNA binding protein 1 (IGF2BP1), transcript variant 1, mRNA;

II antigen-like domains 2 (LIMS2), transcript variant 1, mRNA; gi|238776787|ref|NM\_001161404.1| Ho

transcript variant 2, mRNA; gi|238814306|ref|NM\_001161417.1| Homo sapiens G protein-coupled receptor hydrogenase 1 family, member L2 (ALDH1L2), nuclear gene encoding mitochondrial protein, transcript variant 1\_001161504.1| Homo sapiens aldehyde dehydrogenase 4 family, member A1 (ALDH4A1), transcript va

cript variant 3, non-coding RNA; gi|238859598|ref|NM\_001161533.1| Homo sapiens RNA binding moti

\_020904.2| Homo sapiens pleckstrin homology domain containing, family A (phosphoinositide binding s  
ain 31 (TTC31), transcript variant 1, mRNA;

1160706.1| Homo sapiens sciellin (SCEL), transcript variant 3, mRNA;

III (DNA directed) polypeptide B (POLR3B), transcript variant 1, mRNA;

omo sapiens colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage) (CSF2RA

[NDFIP2), transcript variant 2, mRNA;

.), transcript variant 1, mRNA; gi|239047440|ref|NM\_001161330.1| Homo sapiens slingshot homolog 1

maf musculoaponeurotic fibrosarcoma oncogene homolog F (avian) (MAFF), transcript variant 1, mRNA  
i sapiens checkpoint with forkhead and ring finger domains, E3 ubiquitin protein ligase (CHFR), transcript

06680.2| Homo sapiens malic enzyme 3, NADP(+)-dependent, mitochondrial (ME3), nuclear gene encoc  
RNA; gi|239049539|ref|NM\_001161359.1| Homo sapiens FCH domain only 1 (FCHO1), transcript variar  
transcript variant 1, mRNA; gi|239049590|ref|NM\_001161587.1| Homo sapiens glycogen synthase 1 (r

ein LOC100289196 (LOC100289196), mRNA; gi|239743159|ref|XM\_002342722.1| PREDICTED: Homo s:  
442366 (LOC442366), mRNA;



RC17), transcript variant 2, mRNA;

id 4 homolog A (Chlamydomonas) (RSPH4A), transcript variant 1, mRNA;

nscript variant 2, mRNA;

ame 11 (C9orf11), transcript variant 2, mRNA;

otide dissociation stimulator-like 3 (RGL3), transcript variant 2, mRNA;

TL), transcript variant 1, mRNA;

Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 16 pseudogene 1 (NUDT16P1)

mRNA;

i|239735517|ref|NM\_001130161.2| Homo sapiens storkhead box 1 (STOX1), transcript variant 2, mRN

|ref|NM\_144672.3| Homo sapiens otoancorin (OTOA), transcript variant 1, mRNA;

TNIK), transcript variant 5, mRNA; gi|239735589|ref|NM\_001161565.1| Homo sapiens TRAF2 and NCK  
'1), transcript variant 2, mRNA;

RC36), transcript variant 2, mRNA;

in LOC100130921 (LOC100130921), mRNA;

in LOC100287387 (LOC100287387), mRNA;

in LOC100289379 (LOC100289379), mRNA;

ferase 6 (GCNT6), mRNA;

728316 (LOC728316), mRNA;

in LOC100287493 (LOC100287493), mRNA;

51), mRNA;

731932 (LOC731932), mRNA;

tein ENSP00000383144-like (LOC100129307), mRNA;

iens putative golgin subfamily A member 8l-like (LOC653125), mRNA;

ein LOC100287367 (LOC100287367), mRNA;

OG-binding domain protein 3-like 2-like (LOC729458), mRNA;

ein LOC100130589 (LOC100130589), mRNA;

36-like (LOC100289079), mRNA;

transcript variant 1 (LOC100287163), mRNA; gi|341914502|ref|XM\_003403770.1| PREDICTED: Homo

tein ENSP00000383783-like (LOC100131107), mRNA;

760 (LOC339760), mRNA;

292 (LOC440292), mRNA;

in reading frame 68 (C19orf68), mRNA;

ant 3, mRNA; gi|239787081|ref|NM\_001161499.1| Homo sapiens zinc finger protein 611 (ZNF611), tra  
nscript variant 1, mRNA;

ant 3, mRNA; gi|239787105|ref|NM\_001161427.1| Homo sapiens zinc finger protein 610 (ZNF610), tra  
gene 2 (C. elegans) (DPY19L2P2), transcript variant 1, non-coding RNA;

l protein 1, filensin (BFSP1), transcript variant 1, mRNA;

ear gene encoding mitochondrial protein, transcript variant 3, mRNA; gi|239787185|ref|NM\_181425.2  
cript variant 1, mRNA; gi|239787782|ref|NM\_001161444.1| Homo sapiens SH2 domain containing 2A  
protein homolog A (Chlamydomonas) (POC1A), transcript variant 3, mRNA; gi|239787759|ref|NM\_001  
, transcript variant 1, mRNA;  
protein (SYNC), transcript variant 1, mRNA;

.NA;

egregation increased 2 pseudogene 5 (PMS2P5), transcript variant 2, non-coding RNA; gi|239787878|re

ly, member 1 (TTLL1), transcript variant 2, non-coding RNA;  
B4), transcript variant 2, non-coding RNA;

-like (*S. cerevisiae*) (DUS3L), transcript variant 2, mRNA;

transcript variant 1, mRNA;  
(KLHL2), transcript variant 2, mRNA; gi|239835719|ref|NM\_007246.3| Homo sapiens kelch-like 2, May  
(MT1DP), transcript variant 1, non-coding RNA;  
.2| Homo sapiens pleckstrin homology domain containing, family M (with RUN domain) member 1 (PLEK  
transferase 1 (SAT1), transcript variant 2, non-coding RNA;

A2, group IIA (platelets, synovial fluid) (PLA2G2A), transcript variant 1, mRNA; gi|239915990|ref|NM\_0

n 2, 19kDa (LIM2), transcript variant 2, mRNA;

F767), transcript variant 2, non-coding RNA;  
riant 1, mRNA;  
n-protein coding RNA 478 (LINC00478), transcript variant 2, non-coding RNA;

ng frame 17 (C3orf17), transcript variant 3, non-coding RNA; gi|75812961|ref|NM\_015412.3| Homo sa

NM\_001161781.1| Homo sapiens pyruvate dehydrogenase phosphatase catalytic subunit 1 (PDP1), nucle  
transcript variant 1, mRNA; gi|240120172|ref|NM\_001161812.1| Homo sapiens D-amino acid oxidase :

'7|ref|NM\_198596.2| Homo sapiens sulfatase 2 (SULF2), transcript variant 2, mRNA;

ariant 2, mRNA; gi|190343017|ref|NM\_057167.3| Homo sapiens collagen, type VI, alpha 3 (COL6A3), tr  
(BCAP29), transcript variant 3, non-coding RNA; gi|240255594|ref|NM\_001008405.2| Homo sapiens B

DAM33), transcript variant 2, mRNA;  
ranscript variant 2, non-coding RNA;  
ariant beta/b, mRNA; gi|240849167|ref|NM\_145641.2| Homo sapiens apolipoprotein L, 3 (APOL3), tra

atase 2, regulatory subunit B', gamma (PPP2R5C), transcript variant 6, mRNA; gi|240849335|ref|NM\_0  
containing 1 (FYTTD1), transcript variant 2, mRNA; gi|240849506|ref|NM\_032288.6| Homo sapiens fo  
i complex 5 (COG5), transcript variant 2, mRNA; gi|240849530|ref|NM\_006348.3| Homo sapiens comp

IA; gi|241666394|ref|NR\_027856.1| Homo sapiens CDC-like kinase 1 (CLK1), transcript variant 4, non-c

IA; gi|241666463|ref|NM\_001162427.1| Homo sapiens tuberous sclerosis 1 (TSC1), transcript variant 4  
iant 2, non-coding RNA;

lependent 3 (CYBASC3), transcript variant 1, mRNA; gi|241896863|ref|NM\_153611.4| Homo sapiens cy  
nce similarity 20, member A (FAM20A), transcript variant 1, mRNA; gi|344198226|ref|NM\_001243746.  
iatase, receptor type, H (PTPRH), transcript variant 2, mRNA;  
ant 2, mRNA;

ARL13A), transcript variant 3, mRNA; gi|241982685|ref|NM\_001012990.3| Homo sapiens ADP-ribosyla  
6), transcript variant 1, mRNA; gi|241982707|ref|NM\_001162498.1| Homo sapiens lysophosphatidic a  
ated and neddylation-dissociated 2 (putative) (CAND2), transcript variant 2, mRNA;  
(TNRC6B), transcript variant 2, mRNA; gi|67782329|ref|NM\_001024843.1| Homo sapiens trinucleotide

9), transcript variant 2, mRNA; gi|241982752|ref|NR\_027889.1| Homo sapiens transmembrane protei  
1 like (yeast) (UFD1L), transcript variant 2, mRNA;  
mRNA; gi|241982793|ref|NM\_198336.2| Homo sapiens insulin induced gene 1 (INSIG1), transcript var

ame 83 (C2orf83), transcript variant 1, mRNA;

e similarity 135, member A (FAM135A), transcript variant 2, mRNA; gi|242117942|ref|NM\_001105531.  
ript variant 1, mRNA;

3L2), transcript variant 2, mRNA;

iRM7), transcript variant 1, mRNA;

ic leukemia up-regulated 1 (CLLU1), mRNA; gi|242246974|ref|NR\_027932.1| Homo sapiens chronic lyr  
variant 2, mRNA;

X-linked-like 1 (RBMXL1), transcript variant 1, mRNA;  
|NR\_027942.1| Homo sapiens COX11 cytochrome c oxidase assembly homolog (yeast) (COX11), transcr  
: variant 4, non-coding RNA; gi|237649103|ref|NM\_023924.4| Homo sapiens bromodomain containing

ST family member 1 (ERC1), transcript variant epsilon, mRNA; gi|242247112|ref|NR\_027946.1| Homo

VC1), transcript variant 1, mRNA; gi|242247256|ref|NM\_001161662.1| Homo sapiens WW and C2 dom

242332501|ref|NM\_001162895.1| Homo sapiens KIAA0040 (KIAA0040), transcript variant 4, mRNA; gi|

.7), transcript variant 1, mRNA;

esizing protein 3 homolog (*S. cerevisiae*) (TYW3), transcript variant 1, mRNA; gi|242332559|ref|NR\_027

amily B, member 6 (DNAJB6), transcript variant 1, mRNA;

.1| Homo sapiens sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) €

: variant 2, mRNA; gi|195972902|ref|NM\_001130967.1| Homo sapiens zinc finger protein 385A (ZNF38

(ZDHHC14), transcript variant 1, mRNA;

annosyltransferase polypeptide 3 (DPM3), transcript variant 1, mRNA;

NA;

ome, macropain) 26S subunit, ATPase, 4 (PSMC4), transcript variant 1, mRNA;  
t variant 2, mRNA; gi|24430164|ref|NM\_153322.1| Homo sapiens peripheral myelin protein 22 (PMP2

A; gi|244790009|ref|NM\_206929.2| Homo sapiens synaptotagmin-like 2 (SYTL2), transcript variant e, n

like lectin 12 (gene/pseudogene) (SIGLEC12), transcript variant 2, mRNA;

script variant 1, mRNA;

um voltage-gated channel, Shaw-related subfamily, member 2 (KCNC2), transcript variant 3, mRNA; gi|2

n inwardly-rectifying channel, subfamily J, member 1 (KCNJ1), transcript variant rom-k4, mRNA; gi|2449

ite carrier family 22 (organic anion/urate transporter), member 12 (SLC22A12), transcript variant 1, mRN

variant 7, mRNA; gi|24497560|ref|NM\_007312.3| Homo sapiens hyaluronoglucosaminidase 1 (HYAL1),

ed factor 1 (EDF1), transcript variant alpha, mRNA;

ranscript variant 3, mRNA; gi|247301317|ref|NM\_001163022.1| Homo sapiens polo-like kinase 1 subst

anscript variant 2, mRNA;

R1), transcript variant 1, mRNA;

ne-(Y)-phosphorylation regulated (CABYR), transcript variant 7, mRNA; gi|24797111|ref|NM\_138644.1

cript variant 1, mRNA;

hromosome region, candidate 6 (CECR6), transcript variant 2, mRNA;

iens G elongation factor, mitochondrial 2 (GFM2), nuclear gene encoding mitochondrial protein, transci

RNA; gi|253314455|ref|NR\_027997.1| Homo sapiens RAD52 motif 1 (RDM1), transcript variant 10, nor

IA;

gi|83430|ref|NM\_001163149.1| Homo sapiens ets variant 1 (ETV1), transcript variant 4, mRNA; gi|25368

ctor (CREBZF), transcript variant 3, non-coding RNA; gi|253735740|ref|NM\_001039618.2| Homo sapie  
1,4,5-trisphosphate receptor interacting protein-like 2 (ITPR1PL2), transcript variant 2, non-coding RNA;  
gi|332078491|ref|NM\_001206745.1| Homo sapiens thyroid peroxidase (TPO), transcript variant 7, mRNA;  
ie nucleotide exchange factor (GEF) 2 (ARHGEF2), transcript variant 3, mRNA; gi|253735774|ref|NM\_00

ce similarity 63, member A (FAM63A), transcript variant 3, mRNA; gi|253795485|ref|NM\_001040217.2  
nsferase 1, choline, beta (PCYT1B), transcript variant 3, mRNA; gi|253795513|ref|NM\_001163264.1| Hc

rand (GATS), transcript variant 4, non-coding RNA; gi|253970400|ref|NR\_028039.1| Homo sapiens GAT

botropic 8 (GRM8), transcript variant 2, mRNA; gi|187960066|ref|NM\_000845.2| Homo sapiens glutan

1-protein coding) (IGF2-AS), transcript variant 2, non-coding RNA;

1 (Drosophila) (ODZ1), transcript variant 3, mRNA; gi|253970445|ref|NM\_001163279.1| Homo sapiens  
cript variant 1, mRNA;

short-chain family member 2 (ACSS2), transcript variant 1, mRNA; gi|334724454|ref|NM\_001242393.1|  
NSR1), transcript variant 2, mRNA; gi|253970503|ref|NM\_001163286.1| Homo sapiens Ewing sarcoma  
th associated (NGRN), transcript variant 2, mRNA;

y-regulating kinase 2 (MARK2), transcript variant 1, mRNA; gi|254028233|ref|NM\_001039469.2| Homc  
FGFR3), transcript variant 1, mRNA; gi|254028238|ref|NM\_022965.3| Homo sapiens fibroblast growth  
FD2), transcript variant 3, non-coding RNA; gi|254028260|ref|NR\_028049.1| Homo sapiens MTERF dor

iens phosphatidylinositol-specific phospholipase C, X domain containing 1 (PLCXD1), transcript variant 1

'RCD), transcript variant 2, non-coding RNA;

CCDC120), transcript variant 3, mRNA; gi|254039613|ref|NM\_001163323.1| Homo sapiens coiled-coil c

ain containing 2 (GCC2), transcript variant 1, mRNA;

mRNA; gi|254039647|ref|NM\_001163334.1| Homo sapiens synaptotagmin-like 5 (SYTL5), transcript va



member 1 (SCARF1), transcript variant 1, mRNA; gi|145309305|ref|NM\_145352.2| Homo sapiens scave

ain containing 12 (ZSCAN12), transcript variant 2, non-coding RNA;

erase-like (QPCTL), transcript variant 1, mRNA;

amily (RAB2B), transcript variant 1, mRNA; gi|254281337|ref|NR\_028074.1| Homo sapiens RAB2B, me

transcript variant 1, mRNA;

nscrip variant 1, mRNA;

similarity 172, member A (FAM172A), transcript variant 4, non-coding RNA; gi|254540106|ref|NM\_03:  
cript variant 1, mRNA;

riant 2, non-coding RNA;

RNA;

logene (LPAL2), transcript variant 2, non-coding RNA;

ant 2, mRNA;

actor 11 (DCAF11), transcript variant 5, non-coding RNA; gi|254553332|ref|NM\_181357.2| Homo sapie  
254553389|ref|NM\_001163499.1| Homo sapiens F-box protein 24 (FBXO24), transcript variant 4, mRNA

UMPD2), transcript variant 1, mRNA;

AF4), transcript variant 1, mRNA; gi|254553447|ref|NM\_181341.2| Homo sapiens DDB1 and CUL4 assoc

AF8), transcript variant 2, non-coding RNA; gi|254553489|ref|NR\_028105.1| Homo sapiens DDB1 and C

), transcript variant 3, mRNA; gi|254553493|ref|NM\_001163435.1| Homo sapiens TBC1 domain conta

isitol 1,4,5-trisphosphate receptor interacting protein-like 1 (ITPR1PL1), transcript variant 3, mRNA; gi|25

RNA; gi|254587978|ref|NM\_007247.4| Homo sapiens synergin, gamma (SYNRG), transcript variant 1, n  
33957 (LOC100133957), transcript variant 2, non-coding RNA;

NA; gi|349585157|ref|NM\_001244883.1| Homo sapiens dihydrolipoamide S-succinyltransferase (E2 co  
ame 61 (C2orf61), transcript variant 1, mRNA;

A; gi|254692874|ref|NM\_138638.4| Homo sapiens cofilin 2 (muscle) (CFL2), transcript variant 2, mRNA; gi|254750648|ref|NM\_001163678.1| Homo sapiens short stature homeobox 2 (SHOX2), transcript variant 1, mRNA;

ant 2, mRNA;

Homo sapiens potassium large conductance calcium-activated channel, subfamily M beta member 3 (KCNMB3), transcript variant 1, mRNA; gi|254750648|ref|NM\_001163678.1| Homo sapiens short stature homeobox 2 (SHOX2), transcript variant 1, mRNA;

transcript variant 3, mRNA; gi|299473743|ref|NM\_001190458.1| Homo sapiens dedicator of cytokinesis 8 (DOC8) (EXOC7), transcript variant 4, mRNA; gi|254750688|ref|NM\_015219.3| Homo sapiens exocyst complex component 3 (EXOC3), transcript variant 1, mRNA;

transcript variant 1, mRNA; gi|170763518|ref|NM\_001122823.30581 (LOC100130581), transcript variant 2, non-coding RNA;

activating protein 27 pseudogene (LOC146880), transcript variant 2, non-coding RNA;

transcript variant 1, mRNA; gi|254826753|ref|NM\_003947.4| Homo sapiens kalirin, RhoGEF kinase (KALRN), transcript variant 1, non-coding RNA;

A2), transcript variant 1, mRNA;

reading frame 62 (C21orf62), transcript variant 1, mRNA; gi|254911042|ref|NM\_019596.5| Homo sapiens

SHANK2), transcript variant 1, mRNA;

Drosophila) homolog-associated protein 4 (DLGAP4), transcript variant 1, mRNA; gi|109891935|ref|NM\_001163678.1| Homo sapiens short stature homeobox 2 (SHOX2), transcript variant 1, mRNA;

4005041|ref|NM\_025109.5| Homo sapiens myosin XIX (MYO19), transcript variant 1, mRNA;

289), transcript variant 2, non-coding RNA;

frame 2 (C10orf2), transcript variant 3, mRNA; gi|255304945|ref|NM\_001163812.1| Homo sapiens chr

(FMO3), transcript variant 2, mRNA;

peats and transmembrane domains 2 (LRTM2), transcript variant 3, mRNA; gi|255652960|ref|NM\_0010

ranscript variant 1, mRNA;

amily (RAB37), transcript variant 4, mRNA; gi|255683307|ref|NM\_001163990.1| Homo sapiens RAB37,  
e similarity 170, member A (FAM170A), transcript variant 1, mRNA;

:344595), transcript variant 2, non-coding RNA;

COM), transcript variant 5, mRNA; gi|255683382|ref|NM\_001105078.3| Homo sapiens MDS1 and EVI1

cassette, sub-family B (MDR/TAP), member 5 (ABCB5), transcript variant 3, mRNA; gi|255708476|ref|N  
LO1, Moloney leukemia virus 10-like 1, homolog (mouse) (MOV10L1), transcript variant 4, mRNA; gi|255  
member 4 (CASS4), transcript variant 4, mRNA; gi|255759933|ref|NM\_001164116.1| Homo sapiens Ca

.NA;

nt 3, mRNA; gi|255759954|ref|NM\_001163811.1| Homo sapiens WD repeat domain 81 (WDR81), tran

ns COP9 constitutive photomorphogenic homolog subunit 7A (Arabidopsis) (COPS7A), transcript variant  
|ref|NM\_001164097.1| Homo sapiens versican (VCAN), transcript variant 3, mRNA; gi|255918074|ref|

me alignment maintaining phosphoprotein 1 (CHAMP1), transcript variant 3, mRNA; gi|255918137|ref|

5, regulatory subunit 3 (PPP6R3), transcript variant 4, mRNA; gi|255918199|ref|NM\_001164164.1| Homo sapiens

|ref|NM\_001164189.1| Homo sapiens perilipin 3 (PLIN3), transcript variant 2, mRNA;

: polypeptide 16 (DHX16), transcript variant 1, mRNA;

ame 27 (C1orf27), transcript variant 1, mRNA; gi|256000757|ref|NM\_001164245.1| Homo sapiens chromosome 17A;

ming growth factor beta binding protein 3 (LTBP3), transcript variant 3, mRNA; gi|256017126|ref|NM\_001164245.1|

transcript variant 4, mRNA; gi|256017139|ref|NM\_002875.4| Homo sapiens RAD51 homolog (S. cerevisiae)

it 4, mRNA; gi|256017151|ref|NM\_006094.4| Homo sapiens deleted in liver cancer 1 (DLC1), transcript variant 2, mRNA;

ns leucine-rich repeats and calponin homology (CH) domain containing 1 (LRCH1), transcript variant 3, mRNA;

.30522 (LOC100130522), transcript variant 1, non-coding RNA;

transcript variant 2, mRNA; gi|256017244|ref|NM\_015214.2| Homo sapiens DDHD domain containing 2

iens solute carrier family 37 (glucose-6-phosphate transporter), member 4 (SLC37A4), transcript variant 1

ence similarity 166, member B (FAM166B), transcript variant 2, mRNA;

256222399|ref|NM\_001457.3| Homo sapiens filamin B, beta (FLNB), transcript variant 2, mRNA; gi|256

256222399|ref|NM\_001457.3| Homo sapiens filamin B, beta (FLNB), transcript variant 2, mRNA; gi|256

inositol glycan anchor biosynthesis, class P (PIGP), transcript variant 1, mRNA; gi|82799479|ref|NM\_15

83801|ref|NM\_001127180.1| Homo sapiens myosin VIIA (MYO7A), transcript variant 2, mRNA;

cting protein 1, E3 ubiquitin protein ligase (CCNB1IP1), transcript variant 3, mRNA; gi|116812639|ref|N

binding protein, homolog 2 (Drosophila) (STAU2), transcript variant 7, mRNA; gi|256418994|ref|NM\_0

ariant 1, mRNA;

ariant 2, mRNA;

3M30C), transcript variant 2, non-coding RNA;

protein 3 homolog C (yeast) (ACTR3C), transcript variant 1, mRNA;  
-spanning 4-domains, subfamily A, member 12 (MS4A12), transcript variant 2, mRNA;  
ide exchange factor (GEF) 6 (RAPGEF6), transcript variant 6, mRNA; gi|256600199|ref|NM\_001164388.  
:ontaining 24 (ZBTB24), transcript variant 2, mRNA;

:ript variant 2, mRNA;

ry element binding transcription factor 1 (SREBF1), transcript variant 2, mRNA;  
nt 2, mRNA;

ng frame 63 (C5orf63), transcript variant 2, mRNA;

3273|ref|NR\_028383.1| Homo sapiens translocase of inner mitochondrial membrane 8 homolog B (yea  
n 8 (ADAM8), transcript variant 2, mRNA; gi|256773263|ref|NM\_001109.4| Homo sapiens ADAM met:  
mRNA; gi|256818741|ref|NM\_016301.3| Homo sapiens GPN-loop GTPase 3 (GPN3), transcript variant

nt 2, mRNA;  
ipt variant 1, mRNA;  
ing 5 (PAPD5), transcript variant 1, mRNA;  
transcript variant 1, mRNA;  
s eukaryotic translation initiation factor 4E nuclear import factor 1 (EIF4ENIF1), transcript variant 2, mRN  
mplified 9, endoplasmic reticulum lectin (OS9), transcript variant 2, mRNA; gi|256818817|ref|NM\_0010:

pt variant 2, mRNA;

rotein kinase 2 (HIPK2), transcript variant 1, mRNA;

amily (RAB7B), transcript variant 1, mRNA;

o sapiens solute carrier family 5 (sodium-dependent vitamin transporter), member 6 (SLC5A6), transcrip

X-DISC1), transcript variant 1, non-coding RNA; gi|257196139|ref|NR\_028396.1| Homo sapiens TSNAX-

ranscript variant Lv, mRNA; gi|257153462|ref|NM\_001164539.1| Homo sapiens disrupted in schizophren

rsophila) (ASXL1), transcript variant 2, mRNA;

ion transport regulator 5 (FXD5), transcript variant 2, mRNA; gi|257195181|ref|NM\_001164605.1| Ho

n-protein coding RNA 207 (LINC00207), transcript variant 3, non-coding RNA; gi|257196270|ref|NR\_02

ation factor 2C, 2 (EIF2C2), transcript variant 2, mRNA;

gi|257467549|ref|NM\_001164638.1| Homo sapiens endonuclease V (ENDOV), transcript variant 3, mR

(MAPK10), transcript variant 3, mRNA; gi|257467594|ref|NM\_138982.2| Homo sapiens mitogen-activ

t 6, mRNA; gi|257467605|ref|NM\_001093770.2| Homo sapiens surfactant protein A1 (SFTPA1), transcri

hagy associated 1 (SOGA1), transcript variant 2, mRNA;

otubule associated serine/threonine kinase family member 4 (MAST4), transcript variant 1, mRNA; gi|14

gi|379317166|ref|NM\_001256896.1| Homo sapiens docking protein 7 (DOK7), transcript variant 3, mR

transcript variant 3, mRNA; gi|257470973|ref|NM\_182760.3| Homo sapiens sulfatase modifying factor

: 1 (APOC1P1), transcript variant 1, non-coding RNA; gi|257470993|ref|NR\_028413.1| Homo sapiens ap

ant 2, mRNA; gi|257470986|ref|NM\_007134.1| Homo sapiens zinc finger protein 135 (ZNF135), transc

ant 3, mRNA; gi|257470998|ref|NM\_001164615.1| Homo sapiens frizzled family receptor 6 (FZD6), tra

ref|NM\_001164619.1| Homo sapiens glypican 3 (GPC3), transcript variant 4, mRNA; gi|257471005|ref|

\_001164507.1| Homo sapiens nebulin (NEB), transcript variant 1, mRNA;  
transcript variant 1, mRNA; gi|257743047|ref|NM\_001164680.1| Homo sapiens chemokine (C-C motif)  
HEMIS), transcript variant 3, mRNA; gi|257743161|ref|NM\_001164685.1| Homo sapiens thymocyte sel  
nRNA;

ptor, type II (AMHR2), transcript variant 3, mRNA; gi|257743466|ref|NM\_001164690.1| Homo sapiens  
transcript variant 2, mRNA;  
ant 1, mRNA;  
, mRNA; gi|257743485|ref|NM\_001164694.1| Homo sapiens iodotyrosine deiodinase (IYD), transcript v  
, transcript variant 2, mRNA;

rRNA;

wardly-rectifying channel, subfamily J, member 16 (KCNJ16), transcript variant 3, mRNA; gi|8923822|re  
wardly-rectifying channel, subfamily J, member 14 (KCNJ14), transcript variant 2, mRNA;  
wardly-rectifying channel, subfamily J, member 15 (KCNJ15), transcript variant 1, mRNA; gi|25777639|r

.1| Homo sapiens potassium intermediate/small conductance calcium-activated channel, subfamily N, n

ranscript variant a, mRNA;  
.3| Homo sapiens aldehyde dehydrogenase 5 family, member A1 (ALDH5A1), nuclear gene encoding mi

transcript variant 1, mRNA; gi|284004909|ref|NM\_177415.2| Homo sapiens melanoma antigen family  
minomethyltransferase (AMT), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA

ant 1, mRNA;  
M), transcript variant 1, mRNA;  
ing growth factor beta 1 induced transcript 1 (TGFB1I1), transcript variant 3, mRNA; gi|257900473|ref|I  
TAFR), transcript variant 2, mRNA; gi|344030231|ref|NM\_001164723.2| Homo sapiens platelet-activati

sapiens receptor accessory protein 1 (REEP1), nuclear gene encoding mitochondrial protein, transcript v  
ain containing 20 (ZBTB20), transcript variant 7, mRNA; gi|257900536|ref|NM\_015642.4| Homo sapien  
open reading frame 109 (C17orf109), transcript variant 1, mRNA;



gamma-aminobutyric acid (GABA) A receptor, alpha 5 (GABRA5), transcript variant 1, mRNA;

RNA;

variant 3, non-coding RNA; gi|115430225|ref|NM\_020466.4| Homo sapiens LYR motif containing 2 (LYF

variant 2, mRNA; gi|259089410|ref|NM\_015716.4| Homo sapiens misshapen-like kinase 1 (MINK1), trans

dine receptor domain and SOCS box containing 2 (SPSB2), transcript variant 2, mRNA;  
IC), transcript variant 2, mRNA;

binding cassette, sub-family C (CFTR/MRP), member 10 (ABCC10), transcript variant MRP7, mRNA;  
variant 2, mRNA;

script variant 3, mRNA; gi|259155298|ref|NM\_025215.5| Homo sapiens pseudouridylate synthase 1 (PL  
leukal factor of kappa light polypeptide gene enhancer in B-cells 1 (NFKB1), transcript variant 2, mRNA;  
(UBE2D3), transcript variant 2, mRNA; gi|33149311|ref|NM\_181887.1| Homo sapiens ubiquitin-conjug  
3, mRNA; gi|259155313|ref|NM\_003562.4| Homo sapiens solute carrier family 25 (mitochondrial carrie

rotein coding) (MIR22HG), transcript variant 4, non-coding RNA; gi|259155322|ref|NR\_028504.1| Homo

meobox 1 (MNX1), transcript variant 1, mRNA;

CH1), transcript variant 1, mRNA; gi|259490233|ref|NM\_004392.5| Homo sapiens dachshund homolo

variant 8, mRNA; gi|298358579|ref|NM\_001165884.2| Homo sapiens zinc finger protein 268 (ZNF268)

ensation inducer 1 (ACIN1), transcript variant 1, mRNA; gi|259906017|ref|NM\_001164814.1| Homo sap  
17 (DCAF17), transcript variant 2, mRNA; gi|259906386|ref|NR\_028482.1| Homo sapiens DDB1 and C

state androgen-regulated transcript 1 (non-protein coding) (PART1), transcript variant 1, non-coding RN/  
domain containing 6 (RGP6), transcript variant 2, mRNA;

iscript variant 2, mRNA;

mRNA; gi|260064022|ref|NM\_001742.3| Homo sapiens calcitonin receptor (CALCR), transcript variant

RNA;

variant 1, mRNA;

iscript variant 1, mRNA;

ariant 2, mRNA;

9), transcript variant 1, mRNA; gi|260099633|ref|NM\_001081955.2| Homo sapiens regulator of G-prot  
frame 9 (C11orf9), transcript variant 2, mRNA;

it 2, mRNA;

omponent (3d/Epstein Barr virus) receptor 2 (CR2), transcript variant 2, mRNA;

L, mRNA; gi|260166618|ref|NM\_001165962.1| Homo sapiens elac homolog 2 (E. coli) (ELAC2), transcri  
el, voltage-gated, type I, alpha subunit (SCN1A), transcript variant 4, mRNA; gi|115583676|ref|NM\_006

iscript variant 1, mRNA;

rosophila) (HES7), transcript variant 2, mRNA;

NA;

alpha (STRADA), transcript variant 2, mRNA; gi|260166659|ref|NM\_153335.5| Homo sapiens STE20-rel

166673|ref|NM\_001165973.1| Homo sapiens neuregulin 3 (NRG3), transcript variant 3, mRNA;

c, 3 (G6PC3), transcript variant 2, non-coding RNA; gi|260166681|ref|NM\_138387.3| Homo sapiens glu

t variant 1, mRNA;

, transcript variant 3, mRNA; gi|260274831|ref|NM\_206836.2| Homo sapiens enoyl-CoA delta isomera:

1), transcript variant 1, mRNA;

ythrocyte membrane protein band 4.1 (elliptocytosis 1, RH-linked) (EPB41), transcript variant 4, mRNA; g

ant 1, mRNA;

0 (ZSCAN30), mRNA;

it variant 1, mRNA;

tein complex 1, beta 1 subunit (AP1B1), transcript variant 3, mRNA; gi|260436859|ref|NM\_145730.2| H

variant 4, mRNA; gi|260447063|ref|NM\_001012756.2| Homo sapiens zinc finger protein 260 (ZNF260) almodulin-dependent (PDE1B), transcript variant 2, mRNA; |ref|NM\_001166034.1| Homo sapiens suprabasin (SBSN), transcript variant 1, mRNA; ATSPER2), transcript variant 1, mRNA; gi|26051226|ref|NM\_172097.1| Homo sapiens cation channel, s

ript variant 3, mRNA; gi|260593649|ref|NM\_001166055.1| Homo sapiens endothelin receptor type A | 93661|ref|NM\_000285.3| Homo sapiens peptidase D (PEPD), transcript variant 1, mRNA; e-gated, type I, beta subunit (SCN1B), transcript variant a, mRNA; variant b, mRNA; mRNA; gi|260593685|ref|NM\_001166061.1| Homo sapiens glycine receptor, beta (GLRB), transcript v erepressed in skeletal muscle (GEM), transcript variant 1, mRNA;

variant 3, mRNA; gi|260593718|ref|NM\_001033044.2| Homo sapiens glutamate-ammonia ligase (GLU mRNA; gi|260593722|ref|NM\_001983.3| Homo sapiens excision repair cross-complementing rodent re

1.2| Homo sapiens 3-hydroxymethyl-3-methylglutaryl-CoA lyase (HMGCL), nuclear gene encoding mito

ref|NM\_007103.3| Homo sapiens NADH dehydrogenase (ubiquinone) flavoprotein 1, 51kDa (NDUFV1), ritz type, 2 (SPINT2), transcript variant b, mRNA; family 3, group C, member 2 (NR3C2), transcript variant 1, mRNA;

ef|NM\_001166107.1| Homo sapiens 3-hydroxy-3-methylglutaryl-CoA synthase 2 (mitochondrial) (HMG pase domain containing 6 (PNPLA6), transcript variant 2, mRNA; gi|260656038|ref|NM\_001166112.1|

r 1 (LEF1), transcript variant 4, mRNA; gi|260656054|ref|NM\_001130713.2| Homo sapiens lymphoid e 641518), transcript variant 1, non-coding RNA; phosphodiester phosphodiesterase domain containing 1 (GDPD1), transcript variant 1, mRNA; gi|26076

ns apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3H (APOBEC3H), transcript variant ipid transfer (START) domain containing 3 (STARD3), transcript variant 1, mRNA; gi|260763905|ref|NM\_ ichore associated complex subunit 3 (SKA3), transcript variant 1, mRNA;

s sapiens hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 2 (HSD3B2), trans

h ankyrin repeats 1 (BANK1), transcript variant 2, mRNA; gi|260763962|ref|NM\_001127507.2| Homo s



phosphatase-related protein type 4 (LPPR4), transcript variant 1, mRNA;  
thromboxan synthase (TBXAS1), transcript variant 1, mRNA; gi|261278364|ref|NM\_030984.3| Homo sapiens thromboxan synthase

receptor 13 (TRIP13), transcript variant 2, mRNA;  
latent transforming growth factor beta binding protein 1 (LTBP1), transcript variant 3, mRNA; gi|261337164|ref|NM\_001080801.1| Homo sapiens

protein A13), transcript variant 1, mRNA;  
cyclophilin 1, subunit 7 (eta) (CCT7), transcript variant 2, mRNA; gi|261399872|ref|NM\_006429.3| Homo sapiens cyclophilin 1, subunit 7 (eta)

55|ref|NM\_033138.3| Homo sapiens caldesmon 1 (CALD1), transcript variant 1, mRNA; gi|261490656|ref|NM\_001080801.1| Homo sapiens  
A3 (BTN3A3), transcript variant 1, mRNA; gi|338797728|ref|NM\_001242803.1| Homo sapiens butyrylcholinesterase, class X (PIGX), transcript variant 1, mRNA;

protein 1), transcript variant 4, mRNA; gi|261490711|ref|NM\_138399.4| Homo sapiens transmembrane protein 1, transcript variant 4

main containing (MDFIC), transcript variant 1, mRNA; gi|261599040|ref|NM\_199072.4| Homo sapiens major histocompatibility complex class II, invariant chain (C3HC4) 1, E3 ubiquitin protein ligase (MARCH1), transcript variant 1

MFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase (MFNG), transcript variant 1, mRNA; gi|261622336|ref|NM\_001166269.1| Homo sapiens HAUS4 (HAUS4), transcript variant 3, mRNA; gi|261824036|ref|NM\_001166269.1| Homo sapiens HAUS4 (HAUS4), transcript variant 3, mRNA; gi|261862236|ref|NM\_001166278.1| Homo sapiens discs, large homolog 3, transcript variant 1, mRNA;

methyltransferase 2 (mitochondrial) (SHMT2), transcript variant 4, mRNA; gi|261862340|ref|NM\_005442.4| Homo sapiens  
AN2 poly(A) specific ribonuclease subunit homolog (S. cerevisiae) (PAN2), transcript variant 2, mRNA; gi|261878454|ref|NM\_001166280.1| Homo sapiens natriuretic peptide receptor 1 (MUSK), transcript variant 1, mRNA; gi|261878454|ref|NM\_001166280.1| Homo sapiens natriuretic peptide receptor 1 (MUSK), transcript variant 1, mRNA; gi|261878466|ref|NM\_001166289.1| Homo sapiens RGM domain family 1, member 1 (SSX2IP), transcript variant 5, mRNA; gi|261878474|ref|NM\_001166289.1| Homo sapiens RGM domain family 1, member 1 (SSX2IP), transcript variant 5, mRNA;

: polypeptide 40 (DHX40), transcript variant 2, mRNA;  
[MAGEA12), transcript variant 2, mRNA; gi|261878479|ref|NM\_005367.5| Homo sapiens melanoma ar  
48), transcript variant 2, mRNA; gi|261878487|ref|NM\_001166400.1| Homo sapiens melanoma antiger

878504|ref|NM\_001166245.1| Homo sapiens heparanase 2 (HPSE2), transcript variant 3, mRNA; gi|26

hydratase/3-hydroxyacyl CoA dehydrogenase (EHHADH), transcript variant 1, mRNA;  
2A), transcript variant 1, mRNA;  
53.1| Homo sapiens mitochondrial translational initiation factor 3 (MTIF3), nuclear gene encoding mitoc  
, non-coding RNA; gi|261878583|ref|NM\_001166426.1| Homo sapiens WD repeat domain 13 (WDR13)  
omo sapiens guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 2 (GN/

ypsin inhibitor heavy chain family, member 4 (ITI4), transcript variant 2, mRNA;  
50543|ref|NM\_000893.3| Homo sapiens kininogen 1 (KNG1), transcript variant 2, mRNA;

um binding 2 (SMOC2), transcript variant 1, mRNA;

306), transcript variant 2, non-coding RNA;  
ns solute carrier family 16, member 1 (monocarboxylic acid transporter 1) (SLC16A1), transcript variant :  
255411), transcript variant 2, non-coding RNA;  
ydrogenase 7 (class IV), mu or sigma polypeptide (ADH7), transcript variant 1, mRNA;  
riant 3, mRNA; gi|262073084|ref|NM\_018486.2| Homo sapiens histone deacetylase 8 (HDAC8), transcr  
gi|262118209|ref|NM\_001166550.1| Homo sapiens iduronate 2-sulfatase (IDS), transcript variant 3, mF

me c oxidase subunit VIIa polypeptide 2 (liver) (COX7A2), nuclear gene encoding mitochondrial protein,  
nitoylated 1, 55kDa (MPP1), transcript variant 3, mRNA; gi|262118262|ref|NM\_001166462.1| Homo sa

t variant 5, mRNA; gi|262118325|ref|NM\_205838.2| Homo sapiens leukocyte specific transcript 1 (LST:

, mRNA; gi|262205160|ref|NM\_001142749.2| Homo sapiens KIAA1324-like (KIAA1324L), transcript var

aryotic translation initiation factor 2B, subunit 3 gamma, 58kDa (EIF2B3), transcript variant 2, mRNA;







te (N-acetylglucosamine 6-O) sulfotransferase 4 (CHST4), transcript variant 1, mRNA;

iant 2, mRNA;





mber 11 (SLC26A11), transcript variant 4, mRNA; gi|262206104|ref|NM\_173626.3| Homo sapiens solu



t variant 2, mRNA;



family C, member 7 (DNAJC7), transcript variant 3, non-coding RNA; gi|262206285|ref|NM\_001144766

RNA;

NAT), transcript variant 2, mRNA;

: 3, mRNA; gi|262231784|ref|NM\_172166.3| Homo sapiens mutS homolog 5 (E. coli) (MSH5), transcript  
, transcript variant 2, mRNA;

i|262231792|ref|NM\_181672.2| Homo sapiens O-linked N-acetylglucosamine (GlcNAc) transferase (UC

nucleoprotein polypeptide C (SNRPC), transcript variant 1, mRNA;

complex 1 (TRAPPC1), transcript variant 1, mRNA; gi|262263326|ref|NM\_001166621.1| Homo sapiens

h 1 (LEKR1), transcript variant 2, mRNA;

al killer cell receptor 2B4 (CD244), transcript variant 3, mRNA; gi|262263434|ref|NM\_001166663.1| Homo sapiens

RNA activating complex, polypeptide 2, 45kDa (SNAPC2), transcript variant 2, non-coding RNA;

nucleolar phosphoprotein B23, numatrin) (NPM1), transcript variant 1, mRNA; gi|262331549|ref|NM\_001166663.1| Homo sapiens

nilarity 212, member B (FAM212B), transcript variant 1, mRNA;

t 4, mRNA; gi|262331571|ref|NM\_016725.2| Homo sapiens folate receptor 1 (adult) (FOLR1), transcript

ript variant 2, mRNA;

sapiens solute carrier family 1 (glial high affinity glutamate transporter), member 3 (SLC1A3), transcript

e similarity 104, member B (FAM104B), transcript variant 1, mRNA; gi|262359954|ref|NM\_001166703.1| Homo sapiens

cript variant 2, mRNA;

59970|ref|NM\_181303.1| Homo sapiens neuroligin 3 (NLGN3), transcript variant 1, mRNA;

V1201), transcript variant 1, mRNA;

nsient receptor potential cation channel, subfamily C, member 7 (TRPC7), transcript variant 2, mRNA; gi|262359954|ref|NM\_001166703.1| Homo sapiens

transcript variant 1, mRNA;

family 34 (sodium phosphate), member 1 (SLC34A1), transcript variant 1, mRNA;

ript variant 1, mRNA;

in containing (ZFAT), transcript variant 4, mRNA; gi|292658776|ref|NM\_001167583.2| Homo sapiens zinc

ame 82 (C9orf82), transcript variant 1, mRNA;

4|ref|NM\_001127695.1| Homo sapiens cathepsin A (CTSA), transcript variant 2, mRNA;

ript variant 3, mRNA; gi|262527240|ref|NM\_003190.4| Homo sapiens TAP binding protein (tapasin) (TAPB1L1), transcript

266|ref|NM\_001167601.1| Homo sapiens sialidase 4 (NEU4), transcript variant 4, mRNA; gi|262527268

in containing 1 (VWA1), transcript variant 2, mRNA;

1), transcript variant 4, mRNA; gi|21618355|ref|NM\_006853.2| Homo sapiens kallikrein-related peptidase 1, transcript variant 3, mRNA; gi|262527295|ref|NM\_212502.2| Homo sapiens cyclin-dependent kinase 18 (CDK18), transcript variant 1, mRNA;

D1), transcript variant 2, mRNA;

condensation 1 (RCC1), transcript variant 6, non-coding RNA; gi|302191636|ref|NM\_001269.4| Homo sapiens homolog 1, colon cancer, nonpolyposis type 2 (E. coli) (MLH1), transcript variant 4, mRNA; gi|263191712|ref|NM\_001166688.1| Homo sapiens NAT8L-related, putative (NAT8L), mRNA;

transcript variant 2, mRNA;

domain containing 1 (GTDC1), transcript variant 2, mRNA; gi|264681492|ref|NM\_001164629.2| Homo sapiens

domain containing preferred translocation partner in lipoma (LPP), transcript variant 1, mRNA; gi|264681521|ref|NM\_001166688.1|

transcript variant 1, mRNA;

aminopeptidase (aminopeptidase P) 1, soluble (XPNPEP1), transcript variant 2, mRNA; gi|264681566|ref|NM\_001166688.1|

transcript variant 1, mRNA;

transcript variant 2, mRNA; gi|266453767|ref|NM\_001166688.1| Homo sapiens phosphofructokinase, muscle, testis, alpha 3 (neuronal) (CHRNA3), transcript variant 3, non-coding RNA; gi|266454471|ref|NM\_001166688.1|

Homo sapiens alpha-methylacyl-CoA racemase (AMACR), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;

transcript variant 1, mRNA;

transcript variant 1, mRNA;

transcript variant 3 (SMYD3), transcript variant 2, mRNA;

transcript variant 2, mRNA;

transcript variant 2, mRNA;  
n (BLCAP), transcript variant 4, mRNA; gi|268370223|ref|NM\_001167823.1| Homo sapiens bladder can

orting, plasma membrane 3 (ATP2B3), transcript variant 1, mRNA;  
.67733.1| Homo sapiens valyl-tRNA synthetase 2, mitochondrial (putative) (VARS2), transcript variant 3,  
: 1, regulatory subunit 12B (PPP1R12B), transcript variant 7, mRNA; gi|268607511|ref|NM\_001167857.

nsript variant 1, mRNA;

ript variant 1, mRNA;  
2, non-coding RNA;  
, mRNA;  
832195|ref|NM\_001167870.1| Homo sapiens ATP5S-like (ATP5SL), transcript variant 6, mRNA; gi|2688  
:P1L), transcript variant 1, mRNA;

io sapiens fascin homolog 2, actin-bundling protein, retinal (Strongylocentrotus purpuratus) (FSCN2), tra  
essory protein (IL1RAP), transcript variant 3, mRNA; gi|268839967|ref|NM\_002182.3| Homo sapiens ini  
CM2), transcript variant 2, mRNA; gi|269308191|ref|NR\_030770.1| Homo sapiens cerebral cavernous  
ivator 2 (CADPS2), transcript variant 3, mRNA; gi|269308217|ref|NM\_001009571.3| Homo sapiens Ca+  
voltage-dependent, beta 2 subunit (CACNB2), transcript variant 2, mRNA; gi|269308239|ref|NM\_2015:  
acil phosphoribosyltransferase (FUR1) homolog (S. cerevisiae) (UPRT), transcript variant 1, mRNA;  
family, member D (ANKRD13D), transcript variant 2, non-coding RNA;

269784611|ref|NM\_005834.3| Homo sapiens translocase of inner mitochondrial membrane 17 homolc  
member 5 (prestin) (SLC26A5), transcript variant d, mRNA; gi|269784646|ref|NM\_206883.2| Homo sap  
:RNA methyltransferase 2 homolog B (S. cerevisiae) (TRMT2B), transcript variant 4, mRNA; gi|26978467  
(Drosophila) (SBNO1), transcript variant 2, mRNA;

omolog A (*S. cerevisiae*) (NSMCE4A), transcript variant 2, mRNA;

is factor, alpha-induced protein 8-like 1 (TNFAIP8L1), transcript variant 2, mRNA;

phospholysine phosphohistidine inorganic pyrophosphate phosphatase (LHPP), transcript variant 2, mRN

nt 3, mRNA; gi|345199334|ref|NM\_001195831.2| Homo sapiens WD repeat domain 65 (WDR65), tran

int 1, mRNA;

erfamily domain containing 1 (MFSD1), transcript variant 2, mRNA;

ng frame 26 (C20orf26), transcript variant 1, mRNA;

1 interacting protein 1 (INCA1), transcript variant 4, mRNA; gi|269847510|ref|NM\_001167986.1| Hom



cular zone expressed PH domain homolog 1 (zebrafish) (VEPH1), transcript variant 6, mRNA; gi|2698476

ame 26 (C3orf26), transcript variant 1, mRNA;

on murine leukemia viral oncogene homolog 2 (ABL2), transcript variant d, mRNA; gi|209862777|ref|NM

'8), transcript variant 2, mRNA;

ng frame 48 (C4orf48), transcript variant 1, mRNA;

ranscript variant 2, mRNA;

nsript variant 3, mRNA; gi|269914124|ref|NM\_001079839.2| Homo sapiens OCIA domain containing  
receptor, type 1 (ITPR1), transcript variant 3, mRNA; gi|269954689|ref|NM\_001099952.2| Homo sapi

! (CXCR2), transcript variant 2, mRNA;

ot variant 1, mRNA; gi|269973870|ref|NM\_001168303.1| Homo sapiens kelch-like 13 (Drosophila) (KLH

156), transcript variant 1, mRNA;

), transcript variant 2, non-coding RNA;

ranscript variant 1, mRNA;

rase 3 family, polypeptide A2 (UGT3A2), transcript variant 2, mRNA; gi|270132427|ref|NR\_031764.1| H

0132520|ref|NM\_001042492.2| Homo sapiens neurofibromin 1 (NF1), transcript variant 1, mRNA;

ing transcription regulator 1 (WWTR1), transcript variant 3, mRNA; gi|270132692|ref|NM\_001168278.  
ember g (CD300LG), transcript variant 1, mRNA; gi|270132795|ref|NM\_001168323.1| Homo sapiens C

nding protein 1 (RREB1), transcript variant 3, mRNA; gi|270132922|ref|NM\_001003699.3| Homo sapie

sapiens amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 11 (ALS2CR11), transcr

KRTCAP3), transcript variant 1, mRNA;

3368.1| Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransfe

), transcript variant 1, mRNA;

02396.4| Homo sapiens malic enzyme 2, NAD(+)-dependent, mitochondrial (ME2), nuclear gene encoding 39B (TTC39B), transcript variant 3, mRNA; gi|270265892|ref|NM\_001168342.1| Homo sapiens tetra-

BC1D17), transcript variant 1, mRNA;

pt variant b, mRNA; gi|270288726|ref|NM\_001168361.1| Homo sapiens protocadherin 11 X-linked (PC-

amily (RAB35), transcript variant 2, mRNA;

.88776|ref|NM\_004547.5| Homo sapiens NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 4, 15l  
er 5 (NSUN5), transcript variant 2, mRNA; gi|270288815|ref|NM\_001168347.1| Homo sapiens NOP2/Si  
t 1, mRNA;

reading frame 105 (C10orf105), transcript variant 2, mRNA;

variant 2, mRNA; gi|270309179|ref|NM\_001168394.1| Homo sapiens CREB3 regulatory factor (CREBRF  
pt variant 2, mRNA; gi|270309185|ref|NM\_032621.3| Homo sapiens brain expressed X-linked 2 (BEX2)

transcript variant 4, mRNA; gi|270483741|ref|NM\_001168465.1| Homo sapiens MAP7 domain containin

transcript variant 1, mRNA; gi|270483750|ref|NM\_024791.3| Homo sapiens PDZ domain containing 3 (P  
Homo sapiens TAF7-like RNA polymerase II, TATA box binding protein (TBP)-associated factor, 50kDa (T/  
.83820|ref|NM\_001168412.1| Homo sapiens tetraspanin 3 (TSPAN3), transcript variant 3, mRNA;

EM48), transcript variant 2, mRNA; gi|271398349|ref|NM\_018087.4| Homo sapiens transmembrane pi

ontaining 9 (ASB9), transcript variant 2, mRNA; gi|271398200|ref|NM\_001168531.1| Homo sapiens an  
2 (metallopeptidase M20 family) (CNDP2), transcript variant 2, mRNA;

ig, X-linked 5 (ARMCX5), transcript variant 5, mRNA; gi|274318360|ref|NM\_022838.3| Homo sapiens a  
iALT1C1), transcript variant 2, mRNA;

nscription variant 1, mRNA;

it 2, mRNA;

omeobox 1 (DMBX1), transcript variant 1, mRNA;

odulin-dependent protein kinase kinase 1, alpha (CAMKK1), transcript variant 2, mRNA; gi|148806858|  
odulin-dependent protein kinase kinase 2, beta (CAMKK2), transcript variant 5, mRNA; gi|27437016|ref

IA;

'1), transcript variant 1, mRNA;

lear factor of activated T-cells, cytoplasmic, calcineurin-dependent 1 (NFATC1), transcript variant 5, mRNA

me 24 (C3orf24), transcript variant 2, mRNA;  
l-phosphate 5-kinase-like 1 (PIP5KL1), transcript variant 1, mRNA;

transport regulator 1 (FXRD1), transcript variant b, mRNA;

gen/fibrinogen domain containing) 3 (Hakata antigen) (FCN3), transcript variant 2, mRNA;  
5081|ref|NM\_000070.2| Homo sapiens calpain 3, (p94) (CAPN3), transcript variant 1, mRNA; gi|277650

07189.1| Homo sapiens ATP-binding cassette, sub-family F (GCN20), member 2 (ABCF2), nuclear gene er

associated lymphoid tissue lymphoma translocation gene 1 (MALT1), transcript variant 2, mRNA;

transcript variant PTK7-4, mRNA; gi|27886605|ref|NM\_152880.2| Homo sapiens PTK7 protein tyrosine kin  
sium voltage-gated channel, subfamily H (eag-related), member 5 (KCNH5), transcript variant 2, mRNA;  
sium voltage-gated channel, subfamily H (eag-related), member 6 (KCNH6), transcript variant 1, mRNA;

f|NM\_173204.1| Homo sapiens interleukin 37 (IL37), transcript variant 4, mRNA; gi|27894295|ref|NM\_  
l), transcript variant 2, mRNA;

ariant 1, mRNA;

/ariant 1, mRNA;

nRNA;

5), transcript variant 2, mRNA; gi|281182595|ref|NR\_033149.1| Homo sapiens transmembrane protei

imilarity 21, member C (FAM21C), transcript variant 3, mRNA; gi|281182693|ref|NM\_001169106.1| Hc  
\_001169109.1| Homo sapiens SCO cytochrome oxidase deficient homolog 2 (yeast) (SCO2), nuclear gen

transcript variant 1, mRNA; gi|281182835|ref|NM\_001169117.1| Homo sapiens stromal interaction m  
sport 46 homolog (Chlamydomonas) (IFT46), transcript variant 2, mRNA;  
ncer of kinase suppressor of Ras 2 (CNKSR2), transcript variant 3, mRNA; gi|281306724|ref|NM\_001169

aragine-linked glycosylation 13 homolog (S. cerevisiae) (ALG13), transcript variant 7, mRNA; gi|3808487  
brane and immunoglobulin domain containing 2 (TMIGD2), transcript variant 1, mRNA;  
frame 3 (C4orf3), transcript variant 2, mRNA;

.G4F), transcript variant 1, mRNA;

ein (MOG), transcript variant alpha1, mRNA; gi|281371472|ref|NM\_206812.3| Homo sapiens myelin oli  
variant 2, mRNA;

me 41 (CXorf41), transcript variant 2, mRNA;

ame 58 (CXorf58), transcript variant 1, mRNA;

otic synthetase component C-like 3 (bacterial) (LANCL3), transcript variant 1, mRNA;

molog B (*S. cerevisiae*) (CDC20B), transcript variant 3, mRNA; gi|281427281|ref|NM\_001145734.2| Homo sapiens cyclin-dependent kinase 1 (CDK1) mRNA;

|ref|NM\_001195794.1| Homo sapiens clarin 1 (CLRN1), transcript variant 5, mRNA; gi|378744207|ref|

A\_145292.3| Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetyl-galactosaminyltr

|ref|NM\_014799.2| Homo sapiens hephaestin (HEPH), transcript variant 2, mRNA;

lin domain containing 1 (VSIG1), transcript variant 2, mRNA;

ining 2 (FRMPD2), transcript variant 4, mRNA;

75.3| Homo sapiens phosphoglycerate mutase family member 5 (PGAM5), nuclear gene encoding mitoc

o sapiens isocitrate dehydrogenase 3 (NAD+) beta (IDH3B), nuclear gene encoding mitochondrial protein

mo sapiens isocitrate dehydrogenase 3 (NAD+) gamma (IDH3G), nuclear gene encoding mitochondrial p  
ranscript variant 2, mRNA; gi|28178856|ref|NM\_174886.1| Homo sapiens TGFB-induced factor homeol

M150A), transcript variant 2, non-coding RNA;

ript variant 1, mRNA; gi|282165696|ref|NM\_001169125.1| Homo sapiens AF4/FMR2 family, member 2  
DNA binding protein 8 (CHD8), transcript variant 2, mRNA;

CAMR), transcript variant 2, mRNA; gi|282165709|ref|NM\_001170631.1| Homo sapiens Fc receptor, Ig

), transcript variant 1, mRNA;

2, mRNA;

embrane emp24 protein transport domain containing 5 (TMED5), transcript variant 1, mRNA; gi|282165  
HIT6), transcript variant 2, mRNA;

igase 2 (MIB2), transcript variant 2, mRNA; gi|282394033|ref|NM\_001170687.1| Homo sapiens mindb

gi|282394042|ref|NM\_001170692.1| Homo sapiens cancer antigen 1 (CAGE1), transcript variant 1, mRNA

2, non-coding RNA;

variant 6, mRNA; gi|282398132|ref|NM\_001170587.1| Homo sapiens hedgehog acyltransferase (HHAT)

transcript variant 1, mRNA;

distance 1 (BCAR1), transcript variant 6, mRNA; gi|282398117|ref|NM\_001170717.1| Homo sapiens bromodomain 49 (C1orf49), transcript variant 3, mRNA; gi|282398136|ref|NM\_001170724.1| Homo sapiens chr

phosphatase-related protein type 2 (LPPR2), transcript variant 2, mRNA;

transcript variant 5, mRNA; gi|282402173|ref|NM\_012119.4| Homo sapiens cyclin-dependent kinase 20 (

unit 1, mRNA; gi|282403490|ref|NM\_001170649.1| Homo sapiens LAS1-like (S. cerevisiae) (LAS1L), trans

actor 3 (MBNL3), transcript variant 6, mRNA; gi|282721000|ref|NM\_133486.2| Homo sapiens muscleblind

family class 22, member G (FAM22G), transcript variant 2, mRNA;

protein, X-linked (SRPX), transcript variant 3, mRNA; gi|282721074|ref|NM\_001170750.1| Homo sapiens s

point family, member 15 (NBPF15), transcript variant 2, mRNA;

2, regulatory subunit B, delta (PPP2R2D), transcript variant 2, non-coding RNA;

B and CNC homology 1, basic leucine zipper transcription factor 2 (BACH2), transcript variant 1, mRNA;

domain 28 (C2orf28), transcript variant 1, mRNA; gi|282847377|ref|NM\_080592.3| Homo sapiens chrom

1 (FAND1), transcript variant 1, mRNA; gi|282847411|ref|NR\_033193.1| Homo sapiens zinc finger, AN1-t

domain 47 (C8orf47), transcript variant 1, mRNA;

transcript variant 1, mRNA;

Homo sapiens protein (peptidylprolyl cis/trans isomerase) NIMA-interacting, 4 (parvulin) (PIN4), nuclear gene er

122B (FAM122B), transcript variant 5, mRNA; gi|282847482|ref|NM\_001170756.1| Homo sapiens fam

, mRNA; gi|282847487|ref|NM\_001170760.1| Homo sapiens SRSF protein kinase 3 (SRPK3), transcript  
PATA22), transcript variant 5, mRNA; gi|282847501|ref|NM\_001170699.1| Homo sapiens spermatoge  
clear receptor corepressor (LCOR), transcript variant 3, mRNA; gi|282847507|ref|NM\_032440.3| Homo

arity 122C (FAM122C), transcript variant 1, mRNA; gi|283046654|ref|NM\_001170781.1| Homo sapiens  
IF-like 2 (SCUBE2), transcript variant 1, mRNA;  
erfamily domain containing 5 (MFSD5), transcript variant 2, mRNA;  
ame 56 (CXorf56), transcript variant 1, mRNA; gi|283046681|ref|NM\_001170570.1| Homo sapiens chr  
e similarity 82, member A1 (FAM82A1), transcript variant 4, mRNA; gi|283046673|ref|NM\_001170791.

imilarity 46, member D (FAM46D), transcript variant 2, mRNA;  
cript variant delta, mRNA; gi|283046695|ref|NM\_033092.2| Homo sapiens tripartite motif containing  
n domain family, member 4 (LARP4), transcript variant 6, mRNA; gi|283046707|ref|NM\_001170804.1|

5017.2| Homo sapiens protein phosphatase 1, regulatory subunit 32 (PPP1R32), nuclear gene encoding  
er antisense RNA 3 (non-protein coding) (HOXB-AS3), transcript variant 4, non-coding RNA; gi|28304678

ceptor subfamily C, member 1 (KLRC1), transcript variant 2, mRNA; gi|283046827|ref|NM\_213657.2| Hi  
9 (CCDC59), transcript variant 1, mRNA;

transcript variant 1, mRNA; gi|66932964|ref|NM\_001024075.1| Homo sapiens histamine N-methyltran

gi|270265815|ref|NR\_028388.2| Homo sapiens fused in sarcoma (FUS), transcript variant 2, non-coding  
, transcript variant 1, mRNA; gi|283135210|ref|NM\_001005290.3| Homo sapiens proline/serine-rich cc

PR137), transcript variant 5, mRNA; gi|283135191|ref|NM\_001170726.1| Homo sapiens G protein-coi

;  
ame 65 (CXorf65), transcript variant 2, non-coding RNA;

member 1 (IGSF1), transcript variant 2, mRNA; gi|283436132|ref|NM\_001170962.1| Homo sapiens imm  
3.3| Homo sapiens ATPase family, AAA domain containing 3A (ATAD3A), nuclear gene encoding mitochc  
transcript variant 1, mRNA;

atase, receptor type, D (PTPRD), transcript variant 5, mRNA; gi|283484021|ref|NM\_130393.3| Homo s

se (ASMT), transcript variant 2, mRNA; gi|283549145|ref|NM\_001171039.1| Homo sapiens acetylseroi



acetyl-neuraminide alpha-2,8-sialyltransferase 4 (ST8SIA4), transcript variant 1, mRNA;

transcript variant 1, mRNA;

transcript variant 1, mRNA;

transcript variant 2, mRNA;

ref|NM\_001171095.1| Homo sapiens claudin 2 (CLDN2), transcript variant 3, mRNA;

sequence similarity 131, member A (FAM131A), transcript variant 1, mRNA;

dynein 1 (DYNC2H1), transcript variant 2, mRNA;

MOCS1), transcript variant 4, mRNA; gi|283806692|ref|NR\_033233.1| Homo sapiens molybdenum cofactor

domain 1), transcript variant 2, mRNA; gi|283806700|ref|NM\_001171136.1| Homo sapiens zinc finger, BED-

domain containing protein (STRBP), transcript variant 3, non-coding RNA; gi|283806704|ref|NM\_001171137.1| Homo sapiens

1 (MORC4), transcript variant 2, mRNA;

sequence similarity 133, member A (FAM133A), transcript variant 2, mRNA; gi|283837792|ref|NM\_001171109.

open reading frame 79 (C19orf79), transcript variant 2, non-coding RNA;

10 (SIGLEC10), transcript variant 4, mRNA; gi|283837877|ref|NM\_001171157.1| Homo sapiens sialic acid

binding protein 4, mRNA; gi|283837892|ref|NM\_005096.3| Homo sapiens zinc finger, MYM-type 3 (ZMYM3)

283837919|ref|NM\_001171170.1| Homo sapiens solute carrier family 25 (mitochondrial oxoacid carrier

receptor 1 (CX3CR1), transcript variant 1, mRNA; gi|68348719|ref|NM\_001337.3| Homo sapiens chemokine

transcript variant 1, mRNA; gi|283945456|ref|NM\_033319.3| Homo sapiens centromere protein L (CENPL), transcript

transcript variant 1, mRNA;

Homo sapiens ELAV (embryonic lethal, abnormal vision, Drosophila)-like 2 (Hu antigen B) (ELAVL2), transcript v

sequence similarity 3, member A (FAM3A), transcript variant 5, non-coding RNA; gi|283945609|ref|NM\_001171132.1

ilarity 9, member A (FAM9A), transcript variant 1, mRNA;

1), transcript variant 4, mRNA; gi|284005223|ref|NM\_001171203.2| Homo sapiens ubiquitin associated  
ing frame 53 (C17orf53), transcript variant 1, mRNA;

average system protein H (aminomethyl carrier) (GCSH), nuclear gene encoding mitochondrial protein, tr

ranscript variant c, non-coding RNA; gi|284005363|ref|NM\_001097598.2| Homo sapiens X antigen fam

cription activator 2 (CAMTA2), transcript variant 1, mRNA; gi|284005534|ref|NM\_001171166.1| Homo

1A), transcript variant a, mRNA; gi|284055230|ref|NR\_033253.1| Homo sapiens X antigen family, mem

phosphodiester phosphodiesterase domain containing 2 (GDPD2), transcript variant 2, mRNA; gi|28405  
transcript variant 2, mRNA;

ha-2,3-sialyltransferase 3 (ST3GAL3), transcript variant 5, mRNA; gi|284055252|ref|NM\_174971.2| Ho

AGE1B), transcript variant d, mRNA; gi|284055265|ref|NM\_001097594.2| Homo sapiens X antigen fam

360|ref|NM\_130398.3| Homo sapiens exonuclease 1 (EXO1), transcript variant 2, mRNA;

ranscript variant c, non-coding RNA; gi|284055288|ref|NM\_001097605.2| Homo sapiens X antigen fam

r GTPase activating protein 1 (ARFGAP1), transcript variant 2, mRNA;

igand-gated ion channel, 2 (P2RX2), transcript variant 5, mRNA; gi|28416917|ref|NM\_170682.2| Homo

.), transcript variant 3, mRNA; gi|284172405|ref|NM\_017737.4| Homo sapiens formin binding protein :  
ipt variant 6, mRNA; gi|284172362|ref|NM\_006036.4| Homo sapiens prolyl endopeptidase-like (PREPL

ctor A (VEGFA), transcript variant 6, mRNA; gi|284172448|ref|NM\_003376.5| Homo sapiens vascular e  
\IN), transcript variant 1, mRNA; gi|284172480|ref|NM\_001039724.3| Homo sapiens nitric oxide synth.  
(CCDC148), transcript variant 2, mRNA;

x 2 (ZEB2), transcript variant 2, mRNA; gi|284413747|ref|NR\_033258.1| Homo sapiens zinc finger E-bo:  
iant 4, mRNA; gi|284413750|ref|NM\_199039.3| Homo sapiens kelch-like 5 (Drosophila) (KLHL5), trans

protein 2 (FBXL2), transcript variant 1, mRNA;  
transcript variant 3, mRNA; gi|284448552|ref|NM\_001171661.1| Homo sapiens cytochrome b5 reductase  
s glycine C-acetyltransferase (GCAT), nuclear gene encoding mitochondrial protein, transcript variant 2,  
ring 7 (PAPD7), transcript variant 2, mRNA; gi|284507291|ref|NM\_006999.4| Homo sapiens PAP associ  
ornithine aminotransferase (OAT), transcript variant 2, mRNA;  
variant a, mRNA;  
ing frame 83 (C8orf83), transcript variant 6, mRNA; gi|284520960|ref|NM\_001171797.1| Homo sapiens  
nt 2, mRNA;  
MEM200B), transcript variant 1, mRNA;  
variant 2, non-coding RNA;  
variant 1, mRNA; gi|284795356|ref|NM\_001171815.1| Homo sapiens ring finger protein 166 (RNF166), tr

transcript variant 2, mRNA;  
ne rich Gla (G-carboxyglutamic acid) 3 (transmembrane) (PRRG3), transcript variant 1, mRNA;  
transferase family, cytosolic, 1A, phenol-preferring, member 2 (SULT1A2), transcript variant 1, mRNA;  
t 3, mRNA; gi|284807148|ref|NM\_000157.3| Homo sapiens glucosidase, beta, acid (GBA), transcript va  
or-activated receptor delta (PPARD), transcript variant 2, mRNA; gi|284807158|ref|NM\_001171820.1|

ript variant 1, mRNA;

ading frame 40A (CXorf40A), transcript variant 4, mRNA; gi|284813536|ref|NM\_178124.4| Homo sapie  
riant 2, non-coding RNA;  
nRNA; gi|284925125|ref|NM\_022124.5| Homo sapiens cadherin-related 23 (CDH23), transcript variant  
ariant 1, mRNA; gi|169646727|ref|NM\_001118886.1| Homo sapiens glycine receptor, alpha 2 (GLRA2),  
ng 1 (SUN1), transcript variant 2, mRNA; gi|284925168|ref|NM\_001171946.1| Homo sapiens Sad1 and  
CDHR5), transcript variant 1, mRNA; gi|285002197|ref|NM\_031264.3| Homo sapiens cadherin-related  
CDHR1), transcript variant 2, mRNA;  
CDHR2), transcript variant 2, mRNA;  
variant 1, mRNA;  
NM\_000408.4| Homo sapiens glycerol-3-phosphate dehydrogenase 2 (mitochondrial) (GPD2), nuclear ge

g frame 223 (C6orf223), transcript variant 1, mRNA;  
nucleoside diphosphate linked moiety X)-type motif 16 (NUDT16), transcript variant 2, mRNA; gi|285026

nt 2, mRNA;

nt 1, mRNA;

io sapiens ribosome binding factor A (putative) (RBFA), nuclear gene encoding mitochondrial protein, tr

l, mRNA;  
frame 101 (C17orf101), transcript variant 3, non-coding RNA; gi|285397287|ref|NM\_175902.4| Homo  
sapiens variant 1, mRNA;  
variant 1, mRNA; gi|285393968|ref|NM\_001171949.1| Homo sapiens KxDL motif containing 1 (KXD1), trans  
cript variant 2, mRNA;

cript variant 2, mRNA;  
cript variant 2, mRNA;

cript variant 1, mRNA;  
cript variant 1, mRNA;

559073|ref|NM\_175839.1| Homo sapiens spermine oxidase (SMOX), transcript variant 1, mRNA; gi|28  
559084|ref|NM\_175859.1| Homo sapiens CTP synthase II (CTPS2), transcript variant 2, mRNA;

nt 4, mRNA; gi|287326431|ref|NM\_001172130.1| Homo sapiens hemopoietic cell kinase (HCK), transc  
ription containing 163, pseudogene (CCDC163P), transcript variant 2, non-coding RNA; gi|287334553|ref|N

RC15), transcript variant 1, mRNA;  
sequence similarity 114, member A1 (FAM114A1), transcript variant 1, mRNA;  
ase 3 family, polypeptide A1 (UGT3A1), transcript variant 1, mRNA;

transcript variant 2, mRNA; gi|288541322|ref|NM\_001171888.1| Homo sapiens FGFR1 oncogene part

ariant 2, mRNA; gi|288541417|ref|NR\_033269.1| Homo sapiens fuzzy homolog (Drosophila) (FUZ), trar  
containing 5 (FNDC5), transcript variant 1, mRNA; gi|288541418|ref|NM\_153756.2| Homo sapiens fibr

ene family (RAB17), transcript variant 1, mRNA;  
tein 3 (CSRNP3), transcript variant 2, mRNA;

RNA 1 (non-protein coding) (BDNF-AS1), transcript variant BT1B, non-coding RNA; gi|288557324|ref|N  
omolog 1 (Drosophila) (SCMH1), transcript variant 5, mRNA; gi|288557328|ref|NM\_012236.3| Homo s  
int 2, mRNA;

ocardial infarction associated transcript (non-protein coding) (MIAT), transcript variant 4, non-coding RN  
family 45, member A5 (CT45A5), transcript variant 2, mRNA;

L4), transcript variant 1, mRNA;

sapiens mitochondrial ribosomal protein L43 (MRPL43), nuclear gene encoding mitochondrial protein, tr  
ein coupled, 2 (P2RY2), transcript variant 2, mRNA; gi|28872742|ref|NM\_176071.1| Homo sapiens puri

rase 3-like (DNMT3L), transcript variant 1, mRNA;  
ociated protein 1 (CDK5RAP1), transcript variant 2, mRNA;

iated serine/threonine kinase-like (MASTL), transcript variant 2, mRNA; gi|288806589|ref|NM\_001172:

ember 2 (SLITRK2), transcript variant 5, mRNA; gi|288856237|ref|NM\_001144004.2| Homo sapiens SLI

), transcript variant 2, mRNA;

A;

3, mRNA; gi|149999607|ref|NM\_003018.3| Homo sapiens surfactant protein C (SFTPC), transcript varia  
ipt variant 1, mRNA;

cript variant 1, mRNA;

BD9), transcript variant 2, mRNA; gi|151108434|ref|NM\_152733.2| Homo sapiens BTB (POZ) domain cc  
NM\_001136025.3| Homo sapiens plastin 3 (PLS3), transcript variant 2, mRNA;

containing 1 (EFHC1), transcript variant A, mRNA; gi|289063384|ref|NR\_033327.1| Homo sapiens EF-h  
Y2), transcript variant 1, mRNA;

script variant 3, mRNA; gi|289063410|ref|NR\_033328.1| Homo sapiens kelch-like 7 (Drosophila) (KLHL:  
2 (testis) (PHKG2), transcript variant 1, mRNA;

ptide 9 (DHX9), transcript variant 2, non-coding RNA;

ranscript variant 2, mRNA; gi|289063434|ref|NM\_001172440.1| Homo sapiens endonuclease, polyU-s  
|ref|NM\_001172128.1| Homo sapiens interleukin 16 (IL16), transcript variant 3, mRNA;

tein receptor-related protein 12 (LRP12), transcript variant 2, mRNA;

pecific peptidase family member 8 (SENPA8), transcript variant 1, mRNA; gi|262118305|ref|NM\_145204.

ase M2 B (TP53 inducible) (RRM2B), transcript variant 1, mRNA; gi|289177073|ref|NM\_001172477.1| t

nt 3, mRNA; gi|289191309|ref|NM\_003111.4| Homo sapiens Sp3 transcription factor (SP3), transcript v  
NA; gi|289191314|ref|NM\_024596.3| Homo sapiens microcephalin 1 (MCPH1), transcript variant 1, m

omo sapiens solute carrier family 6 (neurotransmitter transporter, noradrenalin), member 2 (SLC6A2), tr  
 oiens transmembrane protein 70 (TMEM70), nuclear gene encoding mitochondrial protein, transcript va  
 script variant 1, mRNA; gi|289191402|ref|NR\_026826.2| Homo sapiens integrator complex subunit 9 (I  
 entiation primary response gene (88) (MYD88), transcript variant 5, mRNA; gi|197276653|ref|NM\_0024  
 la) (VANGL1), transcript variant 3, mRNA; gi|83415182|ref|NM\_138959.2| Homo sapiens vang-like 1 (v  
 tassium inwardly-rectifying channel, subfamily J, member 13 (KCNJ13), transcript variant 3, mRNA; gi|28  
 ctivating protein subunit 1 (catalytic) (RAB3GAP1), transcript variant 1, mRNA;  
 leaminase 1 (AMPD1), transcript variant 1, mRNA;  
 (ARHGAP33), transcript variant 1, mRNA;  
 peat containing 2 (TECPR2), transcript variant 2, mRNA;  
 ript variant 1, mRNA; gi|217330573|ref|NM\_001142616.1| Homo sapiens EH domain binding protei  
 g protein 1 (class I) (RAB11FIP1), transcript variant 1, mRNA;  
 eading frame 70 (C17orf70), transcript variant 2, mRNA;  
 ! histone linker PHD RING helicase, E3 ubiquitin protein ligase (SHPRH), transcript variant 2, mRNA;  
 (mouse) (ZFP62), transcript variant 2, mRNA;  
 ELF1), transcript variant 1, mRNA; gi|289547569|ref|NM\_198700.2| Homo sapiens CUGBP, Elav-like far  
 variant 2, mRNA;  
 IA; gi|289547595|ref|NM\_001172509.1| Homo sapiens SATB homeobox 2 (SATB2), transcript variant 1  
 ant 2, mRNA; gi|289547588|ref|NM\_000933.3| Homo sapiens phospholipase C, beta 4 (PLCB4), transc  
 ELF3), transcript variant 3, mRNA; gi|289547601|ref|NM\_001172648.1| Homo sapiens CUGBP, Elav-like  
 ant 3, mRNA;  
 | Homo sapiens leukocyte immunoglobulin-like receptor, subfamily A (without TM domain), member 3 (  
 ant 2, mRNA;  
 ontaining 28 (ZFYVE28), transcript variant 1, mRNA; gi|289547644|ref|NM\_001172656.1| Homo sapier  
 ne family (RAB40C), transcript variant 4, mRNA; gi|289547668|ref|NM\_001172666.1| Homo sapiens R/  
 e similarity 178, member B (FAM178B), transcript variant A, mRNA; gi|289547674|ref|NM\_001172667.  
 variant 1, mRNA; gi|289547676|ref|NM\_024706.4| Homo sapiens zinc finger protein 668 (ZNF668), tra  
 ant 2, mRNA;  
 ant 1, mRNA;

er family 30 (zinc transporter), member 8 (SLC30A8), transcript variant 3, mRNA; gi|289803012|ref|NM



clophilin)-like 6 (PPIL6), transcript variant 2, mRNA;  
osome region, candidate 1 (CECR1), transcript variant 1, mRNA;

NA; gi|29029590|ref|NM\_177439.1| Homo sapiens FtsJ homolog 1 (E. coli) (FTSJ1), transcript variant 3

rotein coupled, 12 (P2RY12), transcript variant 2, mRNA;  
, G-protein coupled, 6 (P2RY6), transcript variant 4, mRNA; gi|29029609|ref|NM\_176797.1| Homo sap  
nscript variant 1, mRNA; gi|29029619|ref|NM\_175743.1| Homo sapiens melanoma antigen family A, 2

nscript variant 1, mRNA;  
it 1, mRNA; gi|290463101|ref|NM\_001172818.1| Homo sapiens phosphoglucomutase 1 (PGM1), transi

variant 3, mRNA; gi|290542332|ref|NM\_052860.2| Homo sapiens zinc finger protein 300 (ZNF300), tra

:Da (CAV1), transcript variant 3, mRNA; gi|290542362|ref|NM\_001172897.1| Homo sapiens caveolin 1,  
variant 5, mRNA; gi|290543310|ref|NR\_026746.2| Homo sapiens zinc finger protein 619 (ZNF619), tra  
(LOXHD1), transcript variant 1, mRNA; gi|290543312|ref|NM\_001145473.2| Homo sapiens lipoxigena

!), transcript variant 1, mRNA; gi|290542344|ref|NM\_001173128.1| Homo sapiens YTH domain family,  
iled-coil domain family 1 (TMCC1), transcript variant 4, non-coding RNA; gi|290563158|ref|NM\_00112  
transcript variant 2, mRNA;

ragy related 12 homolog (S. cerevisiae) (ATG12), transcript variant 3, non-coding RNA; gi|290560745|re

hate synthetase 2 (PRPS2), transcript variant 2, mRNA;

.0|ref|NM\_001172623.1| Homo sapiens neogenin 1 (NEO1), transcript variant 2, mRNA;  
apiens thymidine kinase 2, mitochondrial (TK2), nuclear gene encoding mitochondrial protein, transcript  
non-coding RNA; gi|290660752|ref|NM\_001172732.1| Homo sapiens retinoic acid induced 2 (RAI2), tr:  
)FNB31), transcript variant 1, mRNA; gi|290746377|ref|NM\_001083885.2| Homo sapiens deafness, aut  
pt variant 1, mRNA;

ing (QKI), transcript variant 3, mRNA; gi|291045434|ref|NM\_206853.2| Homo sapiens QKI, KH domain

(SHISA6), transcript variant 3, mRNA; gi|291045122|ref|NM\_207386.3| Homo sapiens shisa homolog 6

9P1), transcript variant 2, non-coding RNA;

isferase-like (ASMTL), transcript variant 3, mRNA; gi|291045180|ref|NM\_001173473.1| Homo sapiens  
4| Homo sapiens pyruvate dehydrogenase kinase, isozyme 3 (PDK3), nuclear gene encoding mitochondr  
cleotide exchange factor (GEF) 9 (ARHGEF9), transcript variant 1, mRNA; gi|291045191|ref|NM\_00117

sporting, beta 4 polypeptide (ATP1B4), transcript variant 1, mRNA;

IM\_001256850.1| Homo sapiens titin (TTN), transcript variant 1, mRNA; gi|291045222|ref|NM\_003315  
riant 1, mRNA;

ipt variant 21, mRNA; gi|291045248|ref|NM\_080805.3| Homo sapiens collagen, type XIII, alpha 1 (COL  
ctor (ligand) superfamily, member 14 (TNFSF14), transcript variant 2, mRNA;

variant 2, mRNA;

rosine kinase binding protein (TYROBP), transcript variant 4, mRNA; gi|291045271|ref|NM\_001173514

plex 2 (TRAPPC2), transcript variant 2, mRNA; gi|291045292|ref|NM\_001011658.3| Homo sapiens traff

al insufficiency, alacrimia (AAAS), transcript variant 1, mRNA;

nase (lipoamide) beta (PDHB), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA;  
cript variant 1, mRNA; gi|291045311|ref|NR\_033386.1| Homo sapiens kelch domain containing 9 (KLHC

Homo sapiens mitochondrial ribosome recycling factor (MRRF), nuclear gene encoding mitochondrial pr

i95.1| Homo sapiens Ts translation elongation factor, mitochondrial (TSFM), nuclear gene encoding mitc  
2, mRNA; gi|291084507|ref|NM\_001173488.1| Homo sapiens NFkB repressing factor (NKRF), transcrip

gi|291084511|ref|NM\_015311.2| Homo sapiens obscurin-like 1 (OBSL1), transcript variant 1, mRNA;  
, transcript variant 3, mRNA; gi|291084578|ref|NM\_024597.3| Homo sapiens MAP7 domain containin  
nscript variant 4, mRNA; gi|291084623|ref|NM\_001042370.2| Homo sapiens TROVE domain family, m

73454.1| Homo sapiens pyruvate dehydrogenase (lipoamide) alpha 1 (PDHA1), nuclear gene encoding r  
ANP), transcript variant 4, mRNA; gi|291084800|ref|NM\_001173542.1| Homo sapiens BTG3 associated

cript variant 2, mRNA; gi|291167761|ref|NM\_001173464.1| Homo sapiens kinesin family member 21A  
r 20 (SLC22A20), transcript variant 2, non-coding RNA;

nsript variant 6, mRNA; gi|334883189|ref|NM\_001242452.1| Homo sapiens interferon regulatory fac  
: variant 4, mRNA; gi|291190743|ref|NM\_001082538.2| Homo sapiens tectonic family member 1 (TCTI

g 13 (ZDHC13), transcript variant 1, mRNA;  
(LRRC16A), transcript variant 1, mRNA;

oprotein 35kDa (U11/U12) (SNRNP35), transcript variant 2, mRNA;

ant 2, mRNA; gi|291219875|ref|NM\_001173453.1| Homo sapiens transcription factor CP2 (TFCP2), tra  
ding frame 178 (C14orf178), transcript variant 2, mRNA;

iant 2, mRNA;

roitin 4) sulfotransferase 11 (CHST11), transcript variant 2, mRNA;

and activator of transcription 2, 113kDa (STAT2), transcript variant 1, mRNA;  
ng frame 86 (C9orf86), transcript variant 4, mRNA; gi|291219925|ref|NM\_024718.4| Homo sapiens chr

sapiens sperm adhesion molecule 1 (PH-20 hyaluronidase, zona pellucida binding) (SPAM1), transcript va  
se (RNA) III (DNA directed) polypeptide H (22.9kD) (POLR3H), transcript variant 2, mRNA; gi|209571530  
ipid transfer (START) domain containing 8 (STARD8), transcript variant 3, mRNA; gi|291291002|ref|NM\_

5BPL10), transcript variant 2, mRNA;

g-7 homolog, nonsense mediated mRNA decay factor (C. elegans) (SMG7), transcript variant 4, mRNA; g  
(GPBP1), transcript variant 3, mRNA; gi|322506092|ref|NM\_001203246.1| Homo sapiens GC-rich pror  
mRNA; gi|291327505|ref|NM\_001129896.2| Homo sapiens synaptotagmin-like 4 (SYTL4), transcript va  
ase kinase 3 (MAP2K3), transcript variant B, mRNA;

on factor 1, alpha (LMX1A), transcript variant 1, mRNA;

ce similarity 53, member A (FAM53A), transcript variant 1, mRNA;

int 1, mRNA; gi|291327523|ref|NM\_001174071.1| Homo sapiens serine incorporator 5 (SERINC5), tran

cript variant 5, non-coding RNA; gi|291463263|ref|NR\_033403.1| Homo sapiens bone morphogenetic  
itaining 2 (NLRP2), transcript variant 2, mRNA; gi|291463276|ref|NM\_017852.3| Homo sapiens NLR far

(POLL), transcript variant 2, mRNA; gi|291463293|ref|NR\_033406.1| Homo sapiens polymerase (DNA c

(SHISA9), transcript variant 2, mRNA;

family 39 (zinc transporter), member 13 (SLC39A13), transcript variant 1, mRNA;

, transcript variant 3, mRNA; gi|291490681|ref|NM\_006534.3| Homo sapiens nuclear receptor coactiva  
lute carrier family 4, sodium borate transporter, member 11 (SLC4A11), transcript variant 3, mRNA; gi|2

omo sapiens paroxysmal nonkinesigenic dyskinesia (PNKD), nuclear gene encoding mitochondrial proteir

te carrier family 5 (sodium/glucose cotransporter), member 1 (SLC5A1), transcript variant 2, mRNA;

iant 2, mRNA;

r family 29 (nucleoside transporters), member 3 (SLC29A3), transcript variant 4, non-coding RNA; gi|291

iant 1, mRNA; gi|291575147|ref|NM\_001174100.1| Homo sapiens poly(rC) binding protein 4 (PCBP4), i  
riant 3, mRNA; gi|291575151|ref|NM\_030567.4| Homo sapiens proline rich 7 (synaptic) (PRR7), transcr

1575164|ref|NM\_001174105.1| Homo sapiens CD14 molecule (CD14), transcript variant 4, mRNA; gi|2

FSHR), transcript variant 1, mRNA;

M185A), transcript variant 2, mRNA;

obox 1 (ZEB1), transcript variant 8, mRNA; gi|291575191|ref|NM\_001174096.1| Homo sapiens zinc fin

te antigen 6 complex, locus G6E (pseudogene) (LY6G6E), transcript variant 1, non-coding RNA;

621658|ref|NM\_015263.3| Homo sapiens Dmx-like 2 (DMXL2), transcript variant 2, mRNA;  
ontaining 27 (ZFYVE27), transcript variant 7, mRNA; gi|291621665|ref|NM\_144588.6| Homo sapiens zi

t variant 3, non-coding RNA; gi|195539361|ref|NR\_003127.2| Homo sapiens zinc finger protein 542 (ZNF  
family 39 (zinc transporter), member 2 (SLC39A2), transcript variant 2, mRNA;

sapiens 3-hydroxyisobutyryl-CoA hydrolase (HIBCH), nuclear gene encoding mitochondrial protein, transc

ding RNA;

ranscript variant 2, mRNA; gi|41350319|ref|NM\_201222.1| Homo sapiens melanoma antigen family D, 2  
ositol specific phospholipase D1 (GPLD1), transcript variant 1, mRNA;

2A (PPAP2A), transcript variant 1, mRNA;

2C (PPAP2C), transcript variant 3, mRNA; gi|29171743|ref|NM\_003712.2| Homo sapiens phosphatidic

wth factor 1 (TDGF1), transcript variant 1, mRNA;

otion factor 1, beta (LMX1B), transcript variant 2, mRNA; gi|292494910|ref|NM\_002316.3| Homo sapie

(POZ) domain containing 1 (ABTB1), transcript variant 1, mRNA; gi|292658762|ref|NR\_033429.1| Homi

taining 8 (SAMD8), transcript variant 1, mRNA;

cript variant 1, mRNA; gi|292658782|ref|NM\_001174159.1| Homo sapiens SH2 domain containing 4A (PRRT4), transcript variant 2, mRNA; ARL13B), transcript variant 4, mRNA; gi|292658759|ref|NR\_033427.1| Homo sapiens ADP-ribosylation i

kelch motifs (RABEPK), transcript variant 2, mRNA; gi|292658841|ref|NM\_005833.3| Homo sapiens R

stase (UMPS), transcript variant 3, non-coding RNA; gi|292781040|ref|NM\_000373.3| Homo sapiens ur  
ariant 2, mRNA; gi|292781191|ref|NR\_033436.1| Homo sapiens PHD finger protein 14 (PHF14), transcri

ns solute carrier family 16, member 6 (monocarboxylic acid transporter 7) (SLC16A6), transcript variant :  
TMR14), transcript variant 3, mRNA; gi|292781646|ref|NM\_001077526.2| Homo sapiens myotubularin  
; gi|94538332|ref|NM\_177476.2| Homo sapiens Ly6/neurotoxin 1 (LYNX1), transcript variant 4, mRNA;  
!, mRNA; gi|293332490|ref|NM\_003177.5| Homo sapiens spleen tyrosine kinase (SYK), transcript varia

omains 1 (CRELD1), transcript variant 3, mRNA; gi|293335858|ref|NM\_015513.4| Homo sapiens cystein  
midating monooxygenase (PAM), transcript variant 5, mRNA; gi|293336341|ref|NR\_033440.1| Homo sa  
o-3 related transcription factor 2 (DMRT2), transcript variant 1, mRNA; gi|293336392|ref|NM\_181872.4

ariant 1, mRNA;

) oncogene homolog 2 (RRAS2), transcript variant 4, mRNA; gi|293597516|ref|NM\_012250.5| Homo sa

ref|NM\_001177355.1| Homo sapiens mesothelin (MSLN), transcript variant 3, mRNA;

7 (T-cell specific, HMG-box) (TCF7), transcript variant 1, mRNA; gi|293651583|ref|NM\_213648.3| Hom  
polyadenylation element binding protein 2 (CPEB2), transcript variant C, mRNA; gi|293651603|ref|NM  
651610|ref|NM\_001128149.2| Homo sapiens ataxin 7 (ATXN7), transcript variant SCA7c, mRNA;

(LGALS3), transcript variant 2, non-coding RNA; gi|294345474|ref|NM\_001177388.1| Homo sapiens le  
ariant 3, mRNA; gi|294459918|ref|NM\_001135592.2| Homo sapiens ribosomal protein S27a (RPS27A),  
transient receptor potential cation channel, subfamily V, member 4 (TRPV4), transcript variant 4, mRNA

(NT5C3L), transcript variant 1, mRNA; gi|294459997|ref|NR\_033464.1| Homo sapiens 5'-nucleotidase,  
variant 2, mRNA; gi|294489215|ref|NM\_001177478.1| Homo sapiens highly divergent homeobox (HDX

reading frame 113 (C10orf113), transcript variant 2, mRNA;  
ining 1 (MAMLD1), transcript variant 2, mRNA; gi|294489307|ref|NM\_001177465.1| Homo sapiens m  
! (MOSPD2), transcript variant 2, mRNA;

) (AOAH), transcript variant 2, mRNA; gi|294610663|ref|NM\_001637.3| Homo sapiens acyloxyacyl hydrolase 16A (ABHD16A), transcript variant 3, non-coding RNA; gi|294660764|ref|NM\_001177515.1| Homo sapiens aspartate aminotransferase/kidney (ALPL), transcript variant 3, mRNA; gi|294712525|ref|NM\_000478.4| Homo sapiens alkaline phosphatase (ALPL), transcript variant 5, mRNA; gi|294774547|ref|NM\_001177547.1| Homo sapiens sialic acid binding lectin 2, regulatory subunit A, alpha (PPP2R1A), transcript variant 2, non-coding RNA;

ase 2, regulatory subunit B, alpha (PPP2R2A), transcript variant 2, mRNA;

003848.3| Homo sapiens succinate-CoA ligase, GDP-forming, beta subunit (SUCLG2), nuclear gene encoding (MAPT), transcript variant 6, mRNA; gi|294862260|ref|NM\_016835.4| Homo sapiens microtubule-asso-

ciating protein (CINP), transcript variant 2, mRNA; gi|294862310|ref|NM\_001177612.1| Homo sapiens

0125.3| Homo sapiens mannan-binding lectin serine peptidase 1 (C4/C2 activating component of Mannan-binding

Homo sapiens solute carrier family 9, subfamily A (NHE6, cation proton antiporter 6), member 6 (SLC9A

transcript variant 1, mRNA;

001038.3| Homo sapiens RAS-related protein 1 (RIF1), transcript variant 4, mRNA; gi|295054214|ref|NM\_001177664.1| Homo sapiens RAF kinase, transcript variant 2, mRNA;

ase domain containing 5 (PNPLA5), transcript variant 2, mRNA;

001038.3| Homo sapiens Ras-related protein 1 (RIF1), transcript variant 4, mRNA; gi|295148072|ref|NM\_001080479.2| Homo sapiens

ing motif, single stranded interacting protein 3 (RBMS3), transcript variant 3, mRNA; gi|295148136|ref|NM\_001080479.2| Homo sapiens

nt 3, mRNA; gi|40548370|ref|NM\_003597.4| Homo sapiens Kruppel-like factor 11 (KLF11), transcript variant 1, mRNA; gi|295293070|ref|NM\_001032365.2| Homo sapiens gamma-glutamyltransferase 1

Homo sapiens solute carrier family 11 (proton-coupled divalent metal ion transporters), member 2 (SLC11A1) (FREM1), transcript variant 1, mRNA;

ad collagen domain containing (ADIPOQ), transcript variant 1, mRNA;

e factor (RANGRF), transcript variant 3, mRNA; gi|295317376|ref|NM\_001177801.1| Homo sapiens RAS-related protein 1 (RIF1), transcript variant 4, mRNA; gi|295317376|ref|NM\_001177801.1| Homo sapiens

in polypeptide N (SNRPN), transcript variant 1, mRNA; gi|29540554|ref|NM\_022807.2| Homo sapiens small nuclear ribonucleoprotein A (SNRPN), transcript variant 2, mRNA;

ceptor (GHSR), transcript variant 1a, mRNA;  
utilisin/kexin type 1 (PCSK1), transcript variant 2, mRNA; gi|295424144|ref|NM\_001177876.1| Homo sa  
article receptor (docking protein) (SRPR), transcript variant 2, mRNA;

4;

P3), transcript variant 2, mRNA; gi|295789049|ref|NM\_001177948.1| Homo sapiens synaptonemal cor  
enage a trois homolog 1, cyclin H assembly factor (Xenopus laevis) (MNAT1), transcript variant 2, mRNA/  
01177970.1| Homo sapiens vitrin (VIT), transcript variant 3, mRNA; gi|295789105|ref|NM\_053276.3| t

, transcript variant 2, mRNA;  
rier family 34 (sodium phosphate), member 2 (SLC34A2), transcript variant 3, mRNA; gi|110611905|ref  
ase, FYVE finger containing (PIKFYVE), transcript variant 3, mRNA; gi|121583482|ref|NM\_015040.3| Ho

ence similarity 109, member A (FAM109A), transcript variant 3, mRNA; gi|295821163|ref|NM\_144671.  
'ase, aminophospholipid transporter, class I, type 8B, member 3 (ATP8B3), transcript variant 1, mRNA;

int 1, mRNA;  
'lase, alpha polypeptide (PCCA), transcript variant 3, mRNA; gi|295821180|ref|NM\_000282.3| Homo sa  
S-methyltransferase 2 (BHMT2), transcript variant 1, mRNA;  
gi|295821191|ref|NM\_000331.4| Homo sapiens serum amyloid A1 (SAA1), transcript variant 1, mRNA

variant 2, mRNA;  
ript variant 2, mRNA; gi|209862802|ref|NM\_000071.2| Homo sapiens cystathionine-beta-synthase (CE  
omolog (S. cerevisiae) (CDC45), transcript variant 1, mRNA; gi|34335230|ref|NM\_003504.3| Homo sapi  
4.1| Homo sapiens propionyl CoA carboxylase, beta polypeptide (PCCB), nuclear gene encoding mitocho

nteracting 2 (NKAIN2), transcript variant 1, mRNA;

is enoyl-CoA delta isomerase 1 (ECI1), nuclear gene encoding mitochondrial protein, transcript variant 2

29|ref|NM\_001178030.1| Homo sapiens splicing factor 1 (SF1), transcript variant 6, mRNA; gi|2958425  
unctional) (DPP10), transcript variant 2, mRNA; gi|295842358|ref|NM\_001178034.1| Homo sapiens di



protein 1 (GRIP1), transcript variant 2, mRNA;  
 utamine-hydrolyzing) (ASNS), transcript variant 6, mRNA; gi|296010846|ref|NM\_133436.3| Homo sapi  
 transcript variant 3, mRNA; gi|296010856|ref|NM\_173841.2| Homo sapiens interleukin 1 receptor ant  
 ens signal transducer and activator of transcription 6, interleukin-4 induced (STAT6), transcript variant 4  
 nt variant 5, mRNA; gi|296010879|ref|NM\_001178085.1| Homo sapiens zinc finger protein, X-linked (Zf  
 tromeric) (SERF1B), transcript variant 2, mRNA;

ant 1, mRNA; gi|296010896|ref|NM\_001178090.1| Homo sapiens zinc finger protein 454 (ZNF454), tra  
n amino-acid transaminase 1, cytosolic (BCAT1), transcript variant 4, mRNA; gi|296010905|ref|NM\_001

hromboplastin, tissue factor) (F3), transcript variant 2, mRNA;

.0931|ref|NM\_004931.4| Homo sapiens CD8b molecule (CD8B), transcript variant 5, mRNA; gi|2960109  
: variant 1, mRNA; gi|296010936|ref|NM\_003421.2| Homo sapiens zinc finger protein 37A (ZNF37A), tr

otein 5 (SCAMP5), transcript variant 3, mRNA; gi|296010972|ref|NM\_001178112.1| Homo sapiens sec  
omain) (ZNF185), transcript variant 2, mRNA; gi|296010962|ref|NM\_001178108.1| Homo sapiens zinc  
hosphate phosphatase 1 (MINPP1), transcript variant 1, mRNA; gi|296010987|ref|NM\_001178118.1| I

|296010994|ref|NM\_001178121.1| Homo sapiens abl-interactor 1 (ABI1), transcript variant 8, mRNA; g

431.2| Homo sapiens sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin

2, mRNA; gi|296011014|ref|NM\_001178131.1| Homo sapiens epidermal growth factor (EGF), transcrip  
(Drosophila) (SUFU), transcript variant 2, mRNA;

CXCL12), transcript variant 2, mRNA; gi|291045298|ref|NM\_199168.3| Homo sapiens chemokine (C-X-C motif

: maintenance complex component 10 (MCM10), transcript variant 2, mRNA;

yadenylation element binding protein 3 (CPEB3), transcript variant 2, mRNA;

it variant 2, mRNA; gi|296011043|ref|NM\_001171991.2| Homo sapiens holocytochrome c synthase (HCLS1L  
nily, member 10 (IGSF10), transcript variant 2, mRNA; gi|296011044|ref|NM\_178822.4| Homo sapiens  
ulocyte) (CSF3), transcript variant 5, non-coding RNA; gi|296011052|ref|NM\_172220.2| Homo sapiens

96011072|ref|NM\_001184693.1| Homo sapiens nephronectin (NPNT), transcript variant 5, mRNA; gi|296011072|ref|NM\_001184693.1| Homo sapiens m  
lycoprotein (MEPE), transcript variant 2, mRNA; gi|296011077|ref|NM\_001184695.1| Homo sapiens m

family), member 1 (CPXM1), transcript variant 1, mRNA;

transcript variant 2, mRNA; gi|296040437|ref|NM\_001184701.1| Homo sapiens UDP-glucose 6-dehydrogenase  
RNA 1 (non-protein coding) (NPSR1-AS1), transcript variant 1, non-coding RNA; gi|296040457|ref|NR\_001184701.1| Homo sapiens

gi|296040488|ref|NM\_016320.4| Homo sapiens nucleoporin 98kDa (NUP98), transcript variant 1, mRNA; gi|296040489|ref|NM\_052931.4| Homo sapiens SLAM family member 6 (SLAMF6)

gi|296040490|ref|NM\_001184720.1| Homo sapiens glycogenin 1 (GYG1), transcript variant 2, mRNA;

gi|296040491|ref|NM\_001184721.1| Homo sapiens glycogenin 1 (GYG1), transcript variant 2, mRNA;

non-coding RNA;

ADP-ribose polymerase (TIPARP), transcript variant 3, mRNA; gi|296080689|ref|NM\_015508.4| Homo sapiens ADP-ribose polymerase (TIPARP), transcript variant 1, mRNA;

glucuronidase, class T (PIGT), transcript variant 1, mRNA; gi|296080709|ref|NM\_001184734.1| Homo sapiens glucuronidase, class T (PIGT), transcript variant 1, mRNA;

glucuronide carrier family 22 (organic anion transporter), member 8 (SLC22A8), transcript variant 4, mRNA; gi|296080710|ref|NM\_001184734.1| Homo sapiens astrotactin 2 (ASTN2), transcript variant 5, mRNA; gi|296080711|ref|NM\_001184734.1| Homo sapiens astrotactin 2 (ASTN2), transcript variant 5, mRNA; gi|296080712|ref|NM\_022368.4| Homo sapiens protein kinase PJA1 (PJA1), transcript variant 2, mRNA; gi|296080725|ref|NM\_022368.4| Homo sapiens protein kinase PJA1 (PJA1), transcript variant 2, mRNA;

gi|296080726|ref|NM\_138565.2| Homo sapiens cortactin (CTTN), transcript variant 2, mRNA;

NA;

protein derived 1 (PGBD1), transcript variant 2, mRNA;

gi|296080772|ref|NM\_001184749.1| Homo sapiens SLIT and ROBO family member 4 (SLITRK4), transcript variant 1, mRNA;

regulatory subunit 3F (PPP1R3F), transcript variant 2, mRNA;

Homo sapiens platelet-activating factor acetylhydrolase 1b, catalytic subunit 2 (30kDa) (PAFAH1B2), transcript variant 4 (SLITRK4), transcript variant 3, mRNA; gi|296080772|ref|NM\_001184749.1| Homo sapiens SLIT and ROBO family member 4 (SLITRK4), transcript variant 3, mRNA;

transcript variant 2, mRNA;

transcript variant 1, mRNA; gi|296179385|ref|NM\_001184761.1| Homo sapiens clathrin, light chain A (CLTA), transcript variant 1, mRNA;

gi|296179411|ref|NM\_001184763.1| Homo sapiens U2AF homologue 1 (UHMK1), transcript variant 3, mRNA; gi|296179400|ref|NM\_001184765.1| Homo sapiens outermembranin 2-like (ODF2L), transcript variant 4, mRNA;

linked 6 (ARMCX6), transcript variant 5, non-coding RNA; gi|57546905|ref|NM\_001009584.1| Homo sapiens  
late 1 (CPXCR1), transcript variant 2, mRNA;  
sapiens hydroxyacyl-CoA dehydrogenase (HADH), nuclear gene encoding mitochondrial protein, transcript  
se)-like (SEZ6L), transcript variant 1, mRNA; gi|296179437|ref|NM\_001184775.1| Homo sapiens seizure

ing defective 3 homolog (C. elegans) (PARD3), transcript variant 8, mRNA; gi|296278258|ref|NM\_001184775.1|  
factor Dp-2 (E2F dimerization partner 2) (TFDP2), transcript variant 3, mRNA; gi|296278213|ref|NM\_001184775.1|  
and calcium binding domain 5 (NOX5), transcript variant 5, non-coding RNA; gi|296278228|ref|NM\_001184775.1|

OC (FAM120C), transcript variant 1, mRNA;  
critical region gene 2 (DGCR2), transcript variant 2, mRNA; gi|296278245|ref|NM\_001184781.1| Homo sapiens

.1 beta (PEX11B), transcript variant 1, mRNA;

rotein 1 (ESYT1), transcript variant 2, mRNA;

mo sapiens trimethyllysine hydroxylase, epsilon (TMLHE), nuclear gene encoding mitochondrial protein,

use E3 component n-recognin 2 (UBR2), transcript variant 2, mRNA;

64), transcript variant 1, mRNA; gi|296317292|ref|NM\_001184833.1| Homo sapiens G protein-coupled  
omo sapiens carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein) (CEACAM  
otide binding protein-like 3 (nucleolar)-like (GNL3L), transcript variant 1, mRNA;

Homo sapiens voltage-dependent anion channel 2 (VDAC2), nuclear gene encoding mitochondrial prote  
ie 7 (PRMT7), transcript variant 2, mRNA;  
lycoprotein 1 (PSG1), transcript variant 2, mRNA; gi|21361391|ref|NM\_006905.2| Homo sapiens pregn

script variant 2, mRNA;

sp) box polypeptide 49 (DDX49), transcript variant 1, mRNA;  
cript variant 1, mRNA; gi|296434228|ref|NM\_001184856.1| Homo sapiens kelch domain containing 4 (

RNA; gi|296434256|ref|NM\_001184867.1| Homo sapiens Fc receptor-like A (FCRLA), transcript variant

|296434284|ref|NM\_001184879.1| Homo sapiens CD84 molecule (CD84), transcript variant 1, mRNA;

434314|ref|NM\_001032283.2| Homo sapiens thymopoietin (TMPO), transcript variant 2, mRNA;  
flavin adenine dinucleotide synthetase homolog (S. cerevisiae) (FLAD1), transcript variant 1, mRNA; gi|21

ence similarity 219, member A (FAM219A), transcript variant 3, mRNA; gi|22218620|ref|NM\_147202.1  
, beta 3 (phosphatidylinositol-specific) (PLCB3), transcript variant 1, mRNA;  
rader-Willi/Angelman syndrome 2 (NIPA2), transcript variant 3, mRNA; gi|296531344|ref|NM\_0011848  
tment domain family, member 8 (CARD8), transcript variant 1, mRNA; gi|296531362|ref|NM\_00118490  
protein 20 (FBXL20), transcript variant 1, mRNA;

(TTC13), transcript variant 2, mRNA;  
Homo sapiens chromosome 21 open reading frame 33 (C21orf33), nuclear gene encoding mitochondrial

is glutamyl-tRNA(Gln) amidotransferase, subunit C homolog (bacterial) (GATC), transcript variant 1, mRNA

L449|ref|NM\_013982.2| Homo sapiens neuregulin 2 (NRG2), transcript variant 3, mRNA; gi|296531450

irane protein band 4.1 like 5 (EPB41L5), transcript variant 4, mRNA; gi|296531460|ref|NM\_020909.3| H  
ame 20 (C3orf20), transcript variant 2, mRNA; gi|296785040|ref|NM\_001184957.1| Homo sapiens chr  
tein 1 (SH3KBP1), transcript variant 1, mRNA; gi|215490005|ref|NM\_001024666.2| Homo sapiens SH3-

ig 1 (PEF1), transcript variant 3, non-coding RNA; gi|296841039|ref|NM\_012392.3| Homo sapiens pent

sapiens solute carrier family 7 (cationic amino acid transporter, y+ system), member 3 (SLC7A3), transcr  
ig ion transport regulator 4 (FXD4), transcript variant 1, mRNA;

nt 1, mRNA; gi|296841074|ref|NM\_001184966.1| Homo sapiens WD repeat domain 44 (WDR44), tran  
ed transcription factor (MITF), transcript variant 4, mRNA; gi|296841082|ref|NM\_198158.2| Homo sap  
se C and casein kinase substrate in neurons 2 (PACSIN2), transcript variant 3, mRNA; gi|296841090|ref  
sferase 2, ethanolamine (PCYT2), transcript variant 4, mRNA; gi|296841162|ref|NR\_033685.1| Homo s  
cript variant 1, mRNA;

IM\_199487.2| Homo sapiens ubiquinol-cytochrome c reductase complex chaperone (UQCC), nuclear ge  
\_004208.3| Homo sapiens apoptosis-inducing factor, mitochondrion-associated, 1 (AIFM1), nuclear gen  
kinase C and casein kinase substrate in neurons 3 (PACSIN3), transcript variant 1, mRNA; gi|296923760

(WNK1), transcript variant 1, mRNA; gi|296939599|ref|NM\_001184985.1| Homo sapiens WNK lysine c  
ading frame 213 (C1orf213), transcript variant 2, non-coding RNA;  
M11-like) (ARID1B), transcript variant 2, mRNA;

nt 2, mRNA; gi|37655166|ref|NM\_032322.3| Homo sapiens ring finger protein 135 (RNF135), transcrip  
nt 1, mRNA; gi|319996749|ref|NM\_030936.3| Homo sapiens ring finger protein 32 (RNF32), transcript  
RNA;

206732|ref|NM\_001184989.1| Homo sapiens NADH dehydrogenase (ubiquinone) 1, subcomplex unkno  
omo sapiens v-myc myelocytomatosis viral oncogene homolog 1, lung carcinoma derived (avian) (MYCL

297206750|ref|NM\_014647.3| Homo sapiens KIAA0430 (KIAA0430), transcript variant 1, mRNA;  
complex, subunit H2 (NCAPH2), transcript variant 1, mRNA; gi|297206768|ref|NM\_152299.3| Homo sapiens  
73|ref|NM\_001185012.1| Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 2, 8k

309|ref|NM\_001307.5| Homo sapiens claudin 7 (CLDN7), transcript variant 1, mRNA;  
8 (ZDHHC8), transcript variant 1, mRNA;  
nt 1, mRNA; gi|297206822|ref|NM\_001184979.1| Homo sapiens NADH dehydrogenase (ubiquinone) F  
tryptamine (serotonin) receptor 4, G protein-coupled (HTR4), transcript variant d, mRNA; gi|29720682

9 (ZDHHC9), transcript variant 2, mRNA;  
cript variant 2, mRNA; gi|297206873|ref|NM\_001185039.1| Homo sapiens acyl-CoA oxidase 1, palmito  
alpha (FNTA), transcript variant 1, mRNA;

P1), transcript variant 1, mRNA; gi|297307117|ref|NM\_001185061.1| Homo sapiens aquaporin 1 (Colt  
riant 1, mRNA;

g; gi|297307156|ref|NM\_017488.3| Homo sapiens adducin 2 (beta) (ADD2), transcript variant 4, mRNA;

ntaining 6 (ZCCHC6), transcript variant 2, mRNA; gi|297307112|ref|NM\_024617.3| Homo sapiens zinc

bitor (GDI) alpha (ARHGDI A), transcript variant 2, mRNA; gi|297374784|ref|NM\_001185078.1| Homo s  
transcript variant ISO4, non-coding RNA; gi|297374776|ref|NM\_001185075.1| Homo sapiens fragile X  
/K+ transporting, nongastric, alpha polypeptide (ATP12A), transcript variant 2, mRNA;

eptor, ionotropic, N-methyl D-aspartate 1 (GRIN1), transcript variant NR1-1, mRNA; gi|297374806|ref|I  
L), transcript variant 2, non-coding RNA; gi|297374814|ref|NM\_001185095.1| Homo sapiens allograft i  
1185098.1| Homo sapiens insulin (INS), transcript variant 3, mRNA;  
7374827|ref|NM\_001185100.1| Homo sapiens CD22 molecule (CD22), transcript variant 3, mRNA; gi|2

hosphatidylinositol-specific phospholipase C, X domain containing 2 (PLCXD2), transcript variant 1, mRN

ant 3, mRNA; gi|342187285|ref|NM\_003581.4| Homo sapiens NCK adaptor protein 2 (NCK2), transcript  
R1), transcript variant 2, mRNA;

ide alpha-2,6-sialyltransferase 1 (ST6GAL1), transcript variant 1, mRNA; gi|27765094|ref|NM\_003032.2

rotein 4 (VAMP4), transcript variant 3, non-coding RNA; gi|297591829|ref|NM\_003762.4| Homo sapie  
rotein 3 (apoptosis repressor with CARD domain) (NOL3), transcript variant 2, mRNA; gi|297632351|ref  
f|NM\_001185092.1| Homo sapiens nitrilase 1 (NIT1), transcript variant 2, mRNA; gi|297632349|ref|NM

[illegible]

(CCDC17), transcript variant 2, mRNA;  
; gi|298104105|ref|NM\_012171.2| Homo sapiens tetraspanin 17 (TSPAN17), transcript variant 1, mRNA

(Drosophila) (SCML2), transcript variant 1, mRNA; 3, mRNA; gi|307344674|ref|NM\_173815.6| Homo sapiens carboxylesterase 4A (CES4A), transcript variation, autosomal homolog 1 (FXR1), transcript variant 1, mRNA; gi|298231192|ref|NM\_001013438.2|

sapiens mitochondrial ribosomal protein L47 (MRPL47), nuclear gene encoding mitochondrial protein, tr  
ariant 2, mRNA;

2 (IP6K2), transcript variant 6, mRNA; gi|298286519|ref|NR\_027438.2| Homo sapiens inositol hexakisphosphate 3-kinase type II gamma gene 8 (DGCR8), transcript variant 1, mRNA;

ame 18 (C3orf18), transcript variant 1, mRNA; gi|298358713|ref|NM\_001171741.2| Homo sapiens chr  
e 1 (CRYBB2P1), transcript variant 1, non-coding RNA;

s ATP synthase, H<sup>+</sup> transporting, mitochondrial Fo complex, subunit G (ATP5L), nuclear gene encoding m  
IA; gi|298493263|ref|NM\_001003803.2| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial F  
r deficiency 2 (MCFD2), transcript variant 5, mRNA; gi|298493309|ref|NM\_001171510.2| Homo sapien

s ATP synthase, H<sup>+</sup> transporting, mitochondrial Fo complex, subunit E (ATP5I), nuclear gene encoding m  
66207|ref|NM\_001126058.2| Homo sapiens dermokine (DMKN), transcript variant 4, mRNA; gi|29856  
RNA; gi|298566289|ref|NM\_148898.3| Homo sapiens forkhead box P2 (FOXP2), transcript variant 2, ml  
1 (TMED7-TICAM2), transcript variant 2, mRNA;

ns glucosamine (UDP-N-acetyl)-2-epimerase/N-acetylmannosamine kinase (GNE), transcript variant 3, m  
nase 4 (AK4), nuclear gene encoding mitochondrial protein, transcript variant 6, mRNA; gi|298566320|r

:2 domains) (RPH3AL), transcript variant 2, mRNA; gi|298676508|ref|NM\_006987.3| Homo sapiens rab  
Homo sapiens TAF6 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 80kDa (TAF6)  
taining 11 (ZCCHC11), transcript variant 2, mRNA;  
, transcript variant 1, mRNA; gi|298919178|ref|NM\_001190438.1| Homo sapiens nuclear receptor cor  
19188|ref|NM\_001190442.1| Homo sapiens calpastatin (CAST), transcript variant 11, mRNA; gi|29891

drogen-induced) (FGF8), transcript variant B, mRNA; gi|298919216|ref|NM\_033163.3| Homo sapiens fi  
tase 2, regulatory subunit B", alpha (PPP2R3A), transcript variant 2, mRNA; gi|299115174|ref|NM\_002

out, axon guidance receptor, homolog 2 (Drosophila) (ROBO2), transcript variant 2, mRNA;



|299758478|ref|NM\_001190738.1| Homo sapiens nuclear factor I/B (NFIB), transcript variant 2, mRNA

ens ligase III, DNA, ATP-dependent (LIG3), nuclear gene encoding mitochondrial protein, transcript varia

ylinositol glycan anchor biosynthesis, class A (PIGA), transcript variant 1, mRNA; gi|299782545|ref|NM\_

9782558|ref|NM\_138732.2| Homo sapiens neurexin 2 (NRXN2), transcript variant alpha-2, mRNA;

brane protein, palmitoylated 3 (MAGUK p55 subfamily member 3) (MPP3), transcript variant 2, non-co

ant 1, mRNA;

ript variant 2, mRNA;

L, mRNA;

|299829214|ref|NM\_001190801.1| Homo sapiens polo-like kinase 4 (PLK4), transcript variant 3, mRNA  
transporting, cardiac muscle, fast twitch 1 (ATP2A1), transcript variant a, mRNA;

ox binding 1 (NFX1), transcript variant 1, mRNA; gi|299829218|ref|NM\_147133.2| Homo sapiens nucle

g RNA;

: polypeptide 35 (DHX35), transcript variant 1, mRNA; gi|299829257|ref|NR\_033905.1| Homo sapiens [

pt variant 2, mRNA;

t 1 (ORC1), transcript variant 1, mRNA; gi|299890792|ref|NM\_001190818.1| Homo sapiens origin reco

pt variant 2, mRNA; gi|299890810|ref|NM\_001190823.1| Homo sapiens SMAD family member 7 (SMA  
ubunit 2 (ORC2), transcript variant 1, mRNA;

e similarity 217, member B (FAM217B), transcript variant 2, mRNA; gi|299890833|ref|NM\_001190827.  
3400550), transcript variant 2, non-coding RNA;

i, low affinity Ilb, receptor (CD32) (FCGR2B), transcript variant 1, mRNA; gi|299890844|ref|NM\_001002

o sapiens nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, zeta (NFKBIZ), trar

76|ref|NR\_033935.1| Homo sapiens dynactin 1 (DCTN1), transcript variant 7, non-coding RNA; gi|2998

Homo sapiens mitochondrial ribosomal protein S35 (MRPS35), nuclear gene encoding mitochondrial pro

1 (ectodermal dysplasia/skin fragility syndrome) (PKP1), transcript variant 1a, mRNA;

receptor P2X, ligand-gated ion channel, 7 (P2RX7), transcript variant 7, non-coding RNA; gi|300068992|ref|

1 complex, subunit 4 (CNOT4), transcript variant 4, mRNA; gi|300069016|ref|NM\_001190850.1| Homo

gi|300116151|ref|NM\_181460.3| Homo sapiens paired box 3 (PAX3), transcript variant PAX3H, mRNA; gi|

transcript variant 1, mRNA;

transcript variant 3, mRNA; gi|308153254|ref|NM\_148908.3| Homo sapiens oxysterol binding protein-

AB6), transcript variant 1, mRNA;

1 | Homo sapiens aldo-keto reductase family 1, member D1 (delta 4-3-ketosteroid-5-beta-reductase) (AK

50), non-coding RNA;

A), transcript variant 2, mRNA; gi|300116308|ref|NM\_001190919.1| Homo sapiens thyroid hormone re

18 (ADAM18), transcript variant 1, mRNA;

B), transcript variant 2, mRNA; gi|300192935|ref|NM\_002877.5| Homo sapiens RAD51 homolog B (S. c

variant 2, mRNA; gi|300192956|ref|NM\_003453.3| Homo sapiens zinc finger, MYM-type 2 (ZMYM2), tr

'51.4| Homo sapiens sphingomyelin phosphodiesterase 4, neutral membrane (neutral sphingomyelinase

NA; gi|382543523|ref|NR\_047513.1| Homo sapiens solute carrier family 9, subfamily B (NHA1, cation p

is factor (ligand) superfamily, member 10 (TNFSF10), transcript variant 3, mRNA; gi|300193078|ref|NR\_

similarity 193, member B (FAM193B), transcript variant 2, non-coding RNA;

F1), transcript variant 1, mRNA; gi|300193044|ref|NM\_001190945.1| Homo sapiens TNF receptor-asso

ant 2, mRNA;

ant 4, mRNA; gi|300244515|ref|NR\_034000.1| Homo sapiens YY1 associated factor 2 (YAF2), transcript

signal transducer (gp130, oncostatin M receptor) (IL6ST), transcript variant 1, mRNA; gi|300244534|ref|

.1| Homo sapiens coenzyme Q7 homolog, ubiquinone (yeast) (COQ7), nuclear gene encoding mitochondrion

ular RNA host gene 8 (non-protein coding) (SNHG8), transcript variant 1, non-coding RNA; gi|300244552

.76), non-coding RNA;

iP3), transcript variant 2, mRNA;

060), non-coding RNA;

054), non-coding RNA;

or 11 (SRSF11), transcript variant 2, mRNA;

'00), non-coding RNA;

riant 2, mRNA; gi|300244573|ref|NM\_001029851.2| Homo sapiens phosphodiesterase 8B (PDE8B), tra

ranscript variant 1, mRNA;

rier family 33 (acetyl-CoA transporter), member 1 (SLC33A1), transcript variant 2, mRNA;

n-protein coding RNA 347 (LINC00347), transcript variant 1, non-coding RNA;

rotein 2/3 complex, subunit 1A, 41kDa (ARPC1A), transcript variant 1, mRNA;

GSTO1), transcript variant 1, mRNA; gi|300360533|ref|NM\_001191003.1| Homo sapiens glutathione S-

; factor 10 (SRSF10), transcript variant 2, mRNA; gi|300360544|ref|NM\_001191006.1| Homo sapiens se

cript variant 1, mRNA; gi|300360560|ref|NM\_201441.2| Homo sapiens TEA domain family member 4 ('

i 2 (GSTO2), transcript variant 4, mRNA; gi|38016130|ref|NM\_183239.1| Homo sapiens glutathione S-t

variant 1, mRNA;

ig factor 1 (SRSF1), transcript variant 2, mRNA; gi|118582263|ref|NM\_006924.4| Homo sapiens serine/

er protein) (CTCF), transcript variant 1, mRNA;

ading frame 72 (C17orf72), transcript variant 1, mRNA; gi|256000806|ref|NM\_001164257.1| Homo sa

ce similarity 59, member B (FAM59B), transcript variant 1, mRNA;

nscript variant 3, mRNA; gi|300388162|ref|NM\_001024809.3| Homo sapiens retinoic acid receptor, alpha

is proteasome (prosome, macropain) 26S subunit, non-ATPase, 1 (PSMD1), transcript variant 2, mRNA; g

ein band 4.1-like 1 (EPB41L1), transcript variant 1, mRNA;  
cosaminyl (N-acetyl) transferase 2, I-branching enzyme (I blood group) (GCNT2), transcript variant 3, mRNA;  
(5), transcript variant 3, mRNA; gi|30061559|ref|NM\_006940.4| Homo sapiens SRY (sex determining region Y) (SRY), transcript variant 1, mRNA; gi|30061568|ref|NM\_032239.2| Homo sapiens WDHD1 (WD box DNA binding protein 1) (WDHD1), transcript variant 2, mRNA;  
non-coding RNA;  
(CASP12), transcript variant 1, mRNA; gi|300388187|ref|NR\_034061.1| Homo sapiens caspase 12 (caspase 12), transcript variant 2, mRNA; gi|300795094|ref|NM\_001077206.2| Homo sapiens SEC31 homolog A (SEC31 domain containing protein polypeptide B) (SNRPB2), transcript variant 1, mRNA;

ule associated protein like 2 (EML2), transcript variant 1, mRNA; gi|300795626|ref|NR\_034098.1| Homo sapiens sphingomyelinase 1, acid lysosomal (SMPD1), transcript variant 2, mRNA;

.55), non-coding RNA;

colorectal neoplasia differentially expressed (non-protein coding) (CRNDE), transcript variant 1, non-coding RNA; gi|300795878|ref|NR\_034077.1| Homo sapiens LOC100499177 (LOC100499177), transcript variant 2, non-coding RNA; gi|300795911|ref|NR\_034077.1| Homo sapiens TRAF3IP2-AS1 (TRAF3IP2-antisense RNA 1) (non-protein coding) (TRAF3IP2-AS1), transcript variant 4, non-coding RNA; gi|300795911|ref|NR\_034077.1| Homo sapiens caspase 4, apoptosis-related cysteine peptidase pseudogene (LOC643733), transcript variant 1, non-coding RNA; gi|300795977|ref|NM\_078629.3| Homo sapiens male-specific protein 3 (MSL3), transcript variant 4, mRNA;



3730227), transcript variant 1, non-coding RNA;  
(RBBP5), transcript variant 2, mRNA; gi|300796302|ref|NM\_005057.3| Homo sapiens retinoblastoma b

31067 (LOC100131067), transcript variant 1, non-coding RNA; gi|300796467|ref|NR\_034122.1| Homo

3648987), transcript variant 2, non-coding RNA;

54112100|ref|NM\_001005609.1| Homo sapiens ectodysplasin A (EDA), transcript variant 2, mRNA; gi|3

main containing 2 (PNPLA2), partial mRNA;

30796949|ref|NM\_024698.5| Homo sapiens solute carrier family 25 (mitochondrial carrier: glutam;  
3645591), transcript variant 2, non-coding RNA;

ID1), transcript variant 4, mRNA; gi|300797152|ref|NM\_001193278.1| Homo sapiens midline 1 (Opitz/



reading frame 133 (C14orf133), transcript variant 4, mRNA; gi|300934873|ref|NM\_001193314.1| Homo sapiens inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase epsilon (IKBKE), transcript variant 1, mRNA;

transcript variant 3, mRNA; gi|300934785|ref|NM\_024911.6| Homo sapiens wntless homolog (Drosophila), transcript variant 1, mRNA;

VH2 domain containing (INF2), transcript variant 1, mRNA; gi|149999377|ref|NM\_001031714.3| Homo sapiens homolog (Chlamydomonas) (RSPH9), transcript variant 1, mRNA;

2| Homo sapiens solute carrier family 13 (sodium-dependent dicarboxylate transporter), member 3 (SLC13A3), transcript variant 1, mRNA;

3| Homo sapiens mitochondrial ribosomal protein S18A (MRPS18A), nuclear gene encoding mitochondrial ribosomal protein S18A, transcript variant 1, mRNA;

transcript variant 6, mRNA; gi|301069377|ref|NM\_002397.4| Homo sapiens myocyte enhancer factor 2 (MEF2C), transcript variant 1, mRNA;

4| gi|301069408|ref|NM\_012346.4| Homo sapiens nucleoporin 62kDa (NUP62), transcript variant 4, mRNA;

(EXD2), transcript variant 7, non-coding RNA; gi|301129156|ref|NM\_001193361.1| Homo sapiens exonuclease 2, transcript variant 2, mRNA; gi|301129171|ref|NM\_001193370.1| Homo sapiens death inducer-obliterator 1 (DIDO1), transcript variant 1, mRNA;

|308199474|ref|NR\_034166.2| Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, mitochondrial, transcript variant 1, non-coding RNA;

metallopeptidase with thrombospondin type 1 motif, 2 (ADAMTS2), transcript variant 2, mRNA;

), transcript variant 1, mRNA;

transcript variant 1, mRNA;

variant 5, mRNA; gi|24430203|ref|NM\_153480.1| Homo sapiens interleukin 17 receptor E (IL17RE), transmembrane protein 3 (FLRT3), transcript variant 2, mRNA;

transcript variant 1, mRNA; gi|301129228|ref|NM\_138617.3| Homo sapiens Rh blood group, CcEe antigens (LcE), transcript variant 2, non-coding RNA;

transcript variant 1, mRNA;

(UNKL), transcript variant 1, mRNA; gi|301129260|ref|NM\_001037125.2| Homo sapiens unkempt homolog 4 (RUFY4), transcript variant 1, mRNA;

case 2A activator, regulatory subunit 4 (PPP2R4), transcript variant 2, mRNA; gi|301129289|ref|NM\_001129289.1| Homo sapiens case 2A activator, regulatory subunit 4 (PPP2R4), transcript variant 2, mRNA;

-Ala-Asp) box polypeptide 3, X-linked (DDX3X), transcript variant 2, mRNA; gi|87196350|ref|NM\_00135

), transcript variant 1, mRNA;

rosine phosphatase, non-receptor type 22 (lymphoid) (PTPN22), transcript variant 2, mRNA; gi|3011716



1g frame 81 (C10orf81), transcript variant 1, mRNA; gi|301172783|ref|NM\_001193435.1| Homo sapien

rane and tetratricopeptide repeat containing 1 (TMTC1), transcript variant 1, mRNA;  
s nudix (nucleoside diphosphate linked moiety X)-type motif 16-like 1 (NUDT16L1), transcript variant 1, r

(MSRB3), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|301336161|ref|I  
L1.3| Homo sapiens 1-acylglycerol-3-phosphate O-acyltransferase 1 (lysophosphatidic acid acyltransferase

and coiled-coil motif containing (GOPC), transcript variant 2, mRNA;



lex subunit 1 (KANSL1), transcript variant 1, mRNA; gi|301500641|ref|NM\_015443.3| Homo sapiens KANS  
[RSRC2), transcript variant 1, mRNA; gi|301500657|ref|NR\_036436.1| Homo sapiens arginine/serine-rich

transcript variant 1, mRNA;

sapiens potassium voltage-gated channel, Shaw-related subfamily, member 4 (KCNC4), transcript variant

regulatory subunit 21 (PPP1R21), transcript variant 4, non-coding RNA; gi|301500679|ref|NM\_152994.1  
BC1D7), transcript variant 4, mRNA; gi|301500687|ref|NM\_016495.4| Homo sapiens TBC1 domain family  
aminase domain containing 1 (CDADC1), transcript variant 3, non-coding RNA; gi|301500691|ref|NM\_015522.3  
8 family, member A1 (ALDH8A1), transcript variant 1, mRNA; gi|301500697|ref|NM\_001193480.1| Homo

orphan 1 (IFFO1), transcript variant 5, mRNA; gi|302148457|ref|NR\_036467.1| Homo sapiens intermediate  
chain 2, light intermediate chain 1 (DYNC2LI1), transcript variant 4, mRNA; gi|301500721|ref|NM\_015522.3

3 (SLC26A8), transcript variant 2, mRNA; gi|301601600|ref|NM\_052961.3| Homo sapiens solute carrier

transcript variant alpha, mRNA;

1-like (GTF2A1L), transcript variant 1, mRNA;

, transcript variant 2, mRNA;

sapiens solute carrier family 1 (glutamate/neutral amino acid transporter), member 4 (SLC1A4), transcript

AR), transcript variant 1, mRNA; gi|301601657|ref|NM\_001193495.1| Homo sapiens adenosine deaminase

in (MYZAP), transcript variant 2, mRNA;

transcript variant 2, non-coding RNA; gi|115511023|ref|NM\_022773.2| Homo sapiens lipase maturation factor

2 receptor alpha (PILRA), transcript variant 1, mRNA; gi|30179906|ref|NM\_178273.1| Homo sapiens

ant 1, mRNA; gi|301896563|ref|NR\_036441.1| Homo sapiens vaccinia related kinase 2 (VRK2), transcrip

2, mRNA; gi|301897478|ref|NM\_001193503.1| Homo sapiens enolase 3 (beta, muscle) (ENO3), transcrip  
t variant 3, mRNA;

script variant 2, mRNA;

mRNA; gi|301897495|ref|NM\_181078.2| Homo sapiens interleukin 21 receptor (IL21R), transcript varia  
) , transcript variant 1, mRNA;

' (TTC27), transcript variant 1, mRNA;

:transcript variant 1, mRNA; gi|301898124|ref|NR\_036448.1| Homo sapiens dystrobrevin binding protei  
d protein kinase kinase kinase 12 (MAP3K12), transcript variant 2, mRNA;

:r family 30 (zinc transporter), member 6 (SLC30A6), transcript variant 1, mRNA; gi|301898445|ref|NM\_  
tein 3 (CHMP3), transcript variant 1, mRNA; gi|301898689|ref|NM\_001005753.2| Homo sapiens charg

(GAP1 like) (RASAL1), transcript variant 1, mRNA; gi|302058261|ref|NM\_004658.2| Homo sapiens RAS

imilarity 65, member A (FAM65A), transcript variant 1, mRNA; gi|302058258|ref|NM\_001193523.1| Hc  
A-specific 1 (ADAT1), transcript variant 1, mRNA;

ant 3, mRNA; gi|302058275|ref|NM\_001006622.2| Homo sapiens WD repeat domain 33 (WDR33), tran

TCP1, subunit 6B (zeta 2) (CCT6B), transcript variant 3, mRNA; gi|302058289|ref|NM\_001193529.1| Hc  
in 1 (APITD1), transcript variant B, non-coding RNA;

Γ), transcript variant 2, mRNA; gi|344313173|ref|NM\_001243768.1| Homo sapiens APITD1-CORT readt  
.6), transcript variant 3, mRNA; gi|301336150|ref|NM\_001193453.1| Homo sapiens transmembrane pr  
GMPPA), transcript variant 1, mRNA;

mily (RAB42), transcript variant 2, mRNA;

ene a)-related kinase 4 (NEK4), transcript variant 2, mRNA;

; 1 (SFMBT1), transcript variant 2, mRNA; gi|302129668|ref|NM\_016329.3| Homo sapiens Scm-like witl

t protein 5 (FBXL5), transcript variant 4, mRNA; gi|302129685|ref|NR\_036464.1| Homo sapiens F-box a

re 7 (HERC2P7), miscRNA;

g (Drosophila) (ENY2), transcript variant 1, mRNA; gi|302148489|ref|NR\_036472.1| Homo sapiens enh

:SRP1), transcript variant 1, mRNA; gi|302191610|ref|NM\_001193570.1| Homo sapiens cysteine and gl  
de exchange factor (GEF) 15 (ARHGEF15), transcript variant 2, mRNA;

lar RNA host gene 3 (non-protein coding) (SNHG3), transcript variant 1, non-coding RNA;

(NRCAM), transcript variant 5, mRNA; gi|302191650|ref|NM\_001193584.1| Homo sapiens neuronal cel  
GPATCH8), transcript variant 1, mRNA;

|302191701|ref|NM\_001193610.1| Homo sapiens tubulin, delta 1 (TUBD1), transcript variant 3, mRNA  
rotein 198B, pseudogene (TMEM198B), transcript variant 4, non-coding RNA; gi|302191711|ref|NR\_03

rotein ENSP00000244321 (LOC390940), transcript variant 2, mRNA;

gene 3 (C. elegans) (DPY19L2P3), transcript variant 1, non-coding RNA;

), transcript variant 3, mRNA;

ase/reductase (SDR family) member 4 like 2 (DHRS4L2), transcript variant 1, mRNA; gi|302344756|ref|N  
nt 3, mRNA; gi|302344764|ref|NM\_001007100.2| Homo sapiens sterol carrier protein 2 (SCP2), transc  
oding RNA;

transcript variant 1, mRNA;

ranscript variant 2, mRNA;

439949), transcript variant 2, non-coding RNA;

transcript variant 2, non-coding RNA;

29917 (LOC100129917), transcript variant 1, non-coding RNA;

g frame 62 (C17orf62), transcript variant 11, non-coding RNA; gi|302393563|ref|NM\_001193653.1| Hc

n voltage-gated channel, KQT-like subfamily, member 4 (KCNQ4), transcript variant 2, mRNA;

lass I polypeptide-related sequence A (MICA), transcript variant 3 (allele MICA\*00801), non-coding RNA

28252 (LOC100128252), transcript variant 1, non-coding RNA;

ting 53 homolog (*S. cerevisiae*) (VPS53), transcript variant 2, mRNA;

eadthrough (BDAG1), transcript variant 2, non-coding RNA; gi|302565868|ref|NR\_036528.1| Homo sap

t with ZNF domain (POGZ), transcript variant 4, mRNA; gi|302699214|ref|NM\_001194938.1| Homo sa

RNA 1 (non-protein coding) (UBAC2-AS1), transcript variant 1, non-coding RNA;

on initiation factor 4 gamma, 1 (EIF4G1), transcript variant 5, mRNA; gi|302699236|ref|NM\_182917.4|

|ref|NM\_001194956.1| Homo sapiens matrin 3 (MATR3), transcript variant 5, mRNA; gi|303227922|re  
lar RNA host gene 4 (non-protein coding) (SNHG4), transcript variant 1, non-coding RNA;

ing frame 65 (C12orf65), transcript variant 1, mRNA; gi|303304970|ref|NM\_001194995.1| Homo sapiens  
39A), transcript variant 3, non-coding RNA; gi|148228818|ref|NM\_001097612.1| Homo sapiens G prote  
gi|303304959|ref|NM\_001185107.1| Homo sapiens CD1e molecule (CD1E), transcript variant 7, mRNA  
ariant 2, mRNA; gi|303304988|ref|NR\_036542.1| Homo sapiens cysteinyl-tRNA synthetase (CARS), tran  
anscript variant 1, mRNA;  
se, receptor type, U (PTPRU), transcript variant 1, mRNA; gi|303304995|ref|NM\_005704.4| Homo sapi  
ing frame 70 (C11orf70), transcript variant 2, mRNA;

philin E) (PPIE), transcript variant 5, non-coding RNA; gi|303305010|ref|NR\_036543.1| Homo sapiens p  
/ complex, class I-related (MR1), transcript variant 2, mRNA; gi|303324541|ref|NM\_001195000.1| Homo  
transcript variant 3, mRNA; gi|303324550|ref|NM\_021180.3| Homo sapiens grainyhead-like 3 (Drosophila)

M184B), transcript variant 1, mRNA; gi|303519440|ref|NM\_001195072.1| Homo sapiens transmembrane  
ne (MEPCE), transcript variant 4, mRNA; gi|303521261|ref|NM\_019606.5| Homo sapiens methylphospho  
int 1, mRNA; gi|303523626|ref|NM\_001195045.1| Homo sapiens Yes-associated protein 1 (YAP1), tran

teasome (prosome, macropain) activator subunit 3 (PA28 gamma; Ki) (PSME3), transcript variant 1, mRNA  
transcript variant 1, mRNA;

anning 4-domains, subfamily A, member 2 (MS4A2), transcript variant 3, mRNA;

it 3 (DDIT3), transcript variant 2, mRNA; gi|304282228|ref|NM\_001195055.1| Homo sapiens DNA-damage  
cript variant 1, mRNA;  
RNA;

reading frame 59 (C21orf59), transcript variant 1, mRNA;

3 receptor (granulocyte) (CSF3R), transcript variant 4, mRNA; gi|304361747|ref|NM\_156039.3| Homo

transcript variant 2, mRNA; gi|304361755|ref|NM\_015199.3| Homo sapiens ankyrin repeat domain 28  
phosphatase type IVA, member 2 (PTP4A2), transcript variant 3, mRNA; gi|304361758|ref|NM\_08039  
, transcript variant 1, mRNA;

of nonsense transcripts homolog B (yeast) (UPF3B), transcript variant 1, mRNA;

ading frame 95 (C16orf95), transcript variant 2, mRNA; gi|379642552|ref|NM\_001256917.1| Homo sa

ading frame 74 (C12orf74), transcript variant 2, mRNA;

chetti syndrome 1 (TCOF1), transcript variant 3, mRNA; gi|207113159|ref|NM\_001135243.1| Homo sa

: sperm protein (histone-binding) (NASP), transcript variant 2, mRNA; gi|304434530|ref|NM\_00119519  
f|NM\_001195194.1| Homo sapiens tumor protein p53 regulated apoptosis inducing protein 1 (TP53AIP

nsript variant B, mRNA;

subunit 3 (gamma) (CCT3), transcript variant 4, non-coding RNA; gi|304434821|ref|NR\_036565.1| Hon  
in-like type 2 receptor beta (PILRB), transcript variant 3, mRNA; gi|304434827|ref|NR\_036569.1| Homi

Homo sapiens eukaryotic translation elongation factor 1 delta (guanine nucleotide exchange protein) (E1-), transcript variant 2, mRNA;

ang frame 57 (C17orf57), transcript variant B, mRNA;

107 (CCDC107), transcript variant B, mRNA; gi|304571969|ref|NM\_001195217.1| Homo sapiens coiled-

g 1B (DENND1B), transcript variant 2, mRNA; gi|304571966|ref|NM\_001195216.1| Homo sapiens DEN

transcript variant 2, mRNA;

erase, long chain base subunit 1 (SPTLC1), transcript variant 2, mRNA;

ranscript variant B, mRNA;

ansient receptor potential cation channel, subfamily M, member 4 (TRPM4), transcript variant 2, mRNA;  
no sapiens proline dehydrogenase (oxidase) 1 (PRODH), transcript variant 2, mRNA;

4, mRNA; gi|305410787|ref|NM\_000637.3| Homo sapiens glutathione reductase (GSR), transcript varia

410832|ref|NM\_001195250.1| Homo sapiens aprataxin (APTX), transcript variant 8, mRNA; gi|3054108

.6), transcript variant 3, mRNA; gi|305410852|ref|NM\_001173990.2| Homo sapiens transmembrane pr

racting protein (PDE4DIP), transcript variant 6, mRNA; gi|50658068|ref|NM\_001002812.1| Homo sapie

variant 4, non-coding RNA; gi|305632827|ref|NM\_001195286.1| Homo sapiens interferon regulatory fa

n 1-like (ALG1L), transcript variant 2, mRNA;

imilarity 64, member A (FAM64A), transcript variant 2, mRNA;

variant 2, mRNA;

line leukemia virus subgroup C cellular receptor family, member 2 (FLVCR2), transcript variant 1, mRNA;

I type 6 (SPINK6), transcript variant 2, mRNA;

!7), transcript variant 2, mRNA;

transcript variant 2, mRNA; gi|305682559|ref|NM\_138731.6| Homo sapiens mirror-image polydactyly :

TGFB2), transcript variant 2, mRNA;

1-coding RNA; gi|305682572|ref|NR\_036600.1| Homo sapiens zinc finger protein 28 (ZNF28), transcript

ptidase inhibitor, clade B (ovalbumin), member 6 (SERPINB6), transcript variant 2, mRNA;

variant 2, mRNA; gi|30581114|ref|NM\_030789.2| Homo sapiens histocompatibility (minor) 13 (HM13

[SOX30), transcript variant 1, mRNA;

me (prosome, macropain) activator subunit 1 (PA28 alpha) (PSME1), transcript variant 2, mRNA;

2, group E, member 3 (NR2E3), transcript variant 1, mRNA;

transcript variant 2, mRNA; gi|344925839|ref|NM\_001243783.1| Homo sapiens BBSome interacting pi

family (RAB9A), transcript variant 1, mRNA;

transcript variant 3, mRNA; gi|305855113|ref|NM\_001195381.1| Homo sapiens G protein-coupled rec

1g frame 57 (C16orf57), transcript variant 1, mRNA; gi|325995160|ref|NM\_001204911.1| Homo sapien

transcript variant 1, mRNA; gi|306035186|ref|NM\_001195387.1| Homo sapiens transmembrane protei

la) (RHBDF2), transcript variant 2, mRNA;

transcript variant 2, mRNA; gi|306035191|ref|NM\_001015049.2| Homo sapiens BCL2-associated athano

on protein zeta 1 (zygin I) (FEZ1), transcript variant 1, mRNA;



l, mRNA; gi|306140490|ref|NM\_001195106.1| Homo sapiens toll-like receptor 10 (TLR10), transcript v  
4A), transcript variant 4, mRNA; gi|306482560|ref|NM\_005738.4| Homo sapiens ADP-ribosylation facto  
CORO1A), transcript variant 2, mRNA;  
ef|NM\_178151.2| Homo sapiens doublecortin (DCX), transcript variant 4, mRNA; gi|306482597|ref|NM  
ript variant I, mRNA;

29135 (LOC100329135), transcript variant 2, mRNA; gi|307133682|ref|NM\_001195578.1| Homo sapiens  
variant 3, mRNA; gi|306922385|ref|NM\_001127511.2| Homo sapiens adenomatous polyposis coli (APC)

transcript variant 3, non-coding RNA; gi|307133738|ref|NM\_025104.3| Homo sapiens DBF4 homolog B (S.  
te hydrolase pseudogene (LOC100130015), transcript variant 2, non-coding RNA;

sapiens voltage-dependent anion channel 1 (VDAC1), transcript variant 2, non-coding RNA; gi|307133765  
43750), mRNA; gi|341914844|ref|XM\_003403825.1| PREDICTED: Homo sapiens protein FAM163B-like

ectrin homology domain containing, family A member 5 (PLEKHA5), transcript variant 4, mRNA; gi|30721

), transcript variant 3, mRNA; gi|307219233|ref|NM\_001195602.1| Homo sapiens selenophosphate sy

CDK2), transcript variant 1, mRNA;  
\_001001974.2| Homo sapiens pleckstrin homology domain containing, family A (phosphoinositide bindi  
variant 1, mRNA;

ns topoisomerase I binding, arginine/serine-rich, E3 ubiquitin protein ligase (TOPORS), transcript varian

VL\_001195628.1| Homo sapiens myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Dros

10kDa (PLA2R1), transcript variant 2, mRNA; gi|307548856|ref|NM\_001195641.1| Homo sapiens phosph  
, transcript variant 2, mRNA;

G patch domain (ZGPAT), transcript variant 1, mRNA; gi|133925790|ref|NM\_181485.2| Homo sapiens  
transcript variant 1, non-coding RNA;

gi|307548905|ref|NM\_001014448.2| Homo sapiens carboxypeptidase Z (CPZ), transcript variant 3, mR

6), transcript variant 1, mRNA;

ame 34 (C8orf34), transcript variant 2, mRNA;

VP (vesicle-associated membrane protein)-associated protein B and C (VAPB), transcript variant 3, non-

eta receptor III (TGFB3), transcript variant 4, non-coding RNA; gi|307574690|ref|NM\_001195683.1| H

ading frame 93 (C16orf93), transcript variant 1, mRNA;  
erting enzyme (peptidyl-dipeptidase A) 1 (ACE), transcript variant 1, mRNA; gi|295844836|ref|NM\_001

lylinositol-4-phosphate 5-kinase, type I, gamma (PIP5K1C), transcript variant 2, mRNA;

ence similarity 213, member B (FAM213B), transcript variant 5, mRNA; gi|307691181|ref|NM\_152371.:  
ript variant 2, non-coding RNA; gi|307691203|ref|NR\_036640.1| Homo sapiens Yip1 domain family, me  
ranscript variant 2, non-coding RNA;  
containing, apoptosis associated protein 3 (THAP3), transcript variant 2, mRNA; gi|307691224|ref|NM\_  
, transcript variant 2, mRNA;

!, mRNA;  
LR), transcript variant 5, mRNA; gi|307775411|ref|NM\_001195798.1| Homo sapiens low density lipopr

LD5), transcript variant 1, mRNA; gi|307775436|ref|NM\_001195812.1| Homo sapiens phospholipase C  
variant 2, mRNA;

ariant 2, mRNA;  
taining 8 (FBXW8), transcript variant 2, mRNA;  
(ZFYVE1), transcript variant 1, mRNA;

CCRL1), transcript variant 2, mRNA;

, sub-family A (ABC1), member 12 (ABCA12), transcript variant 2, mRNA;

mRNA;

main containing 1 (ANKHD1), transcript variant 4, mRNA; gi|308044521|ref|NM\_024668.3| Homo sapi

HSDL2), transcript variant 3, non-coding RNA; gi|308044579|ref|NM\_001195822.1| Homo sapiens hydi  
rting 13 homolog C (S. cerevisiae) (VPS13C), transcript variant 2A, mRNA; gi|308081481|ref|NM\_01808

(mouse) (ZFP91), transcript variant 1, mRNA;  
 RNA 1 (non-protein coding) (ZNFX1-AS1), transcript variant 2, non-coding RNA; gi|308081983|ref|NR\_0  
 \_032639.3| Homo sapiens pleckstrin homology domain containing, family A (phosphoinositide binding s  
 ional regulator 1 (IFRD1), transcript variant 3, mRNA; gi|308193309|ref|NM\_001197080.1| Homo sa  
 K4), transcript variant 1, mRNA;  
 mRNA; gi|308193336|ref|NM\_001197100.1| Homo sapiens IQ motif containing J (IQCJ), transcript vari  
 in 1 (SCHIP1), transcript variant 2, mRNA; gi|308193342|ref|NM\_014575.3| Homo sapiens schwannom  
 iens myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila) (MLL), transcript vari  
 IP1), transcript variant 1, mRNA;  
 talytic subunit (GCLC), transcript variant 2, mRNA;  
 nscript variant 4, mRNA; gi|308199445|ref|NM\_001197122.1| Homo sapiens interferon regulatory fac  
 YS1 Golgi-localized integral membrane protein homolog (S. cerevisiae) (SYS1), transcript variant 1, mRN  
  
 ysbindin (dystrobrevin binding protein 1) domain containing 2 (DBNDD2), transcript variant 2, mRNA; gi|  
 ant 1, non-coding RNA;  
 iant 3, mRNA; gi|308235940|ref|NM\_001131034.3| Homo sapiens ring finger protein 212 (RNF212), tr  
 it 1, mRNA;  
  
 ne 3 (C9orf3), transcript variant 2, mRNA; gi|300934737|ref|NM\_001193329.1| Homo sapiens chromo  
  
 ber A1 (BTN2A1), transcript variant 3, mRNA; gi|308522729|ref|NM\_001197234.1| Homo sapiens buty  
 ber A2 (BTN2A2), transcript variant 3, mRNA; gi|308522743|ref|NM\_006995.4| Homo sapiens butyrop  
  
 riant 1, mRNA; gi|308522776|ref|NR\_036682.1| Homo sapiens B-cell CLL/lymphoma 7B (BCL7B), transc  
  
 member A2 (BTN3A2), transcript variant 4, mRNA; gi|308736967|ref|NM\_001197249.1| Homo sapiens l  
  
  
 n (PCTP), transcript variant 1, mRNA;  
  
 ceptor 33 (gene/pseudogene) (GPR33), transcript variant 2, non-coding RNA;  
 (ORC3), transcript variant 1, mRNA; gi|308737002|ref|NM\_001197259.1| Homo sapiens origin recognit  
  
 tein 1, 62kDa (downstream of tyrosine kinase 1) (DOK1), transcript variant 1, mRNA;  
  
 t 4 (ORC4), transcript variant 5, mRNA; gi|308818135|ref|NM\_002552.4| Homo sapiens origin recognit

[illegible]

C100507164), miscRNA;  
C100507144), miscRNA;  
nRNA;

C100506352), miscRNA;  
mbrane-spanning 4-domains, subfamily A, member 4E (MS4A4E), mRNA;

C100507521), miscRNA;  
LOC100507675, transcript variant 2 (LOC100507675), miscRNA; gi|310110201|ref|XR\_111187.1| PREI  
C100507609), miscRNA;  
e RNA 3 (non-protein coding) (SHANK2-AS3), miscRNA;  
C100506259), miscRNA;  
C100289388), miscRNA;

miscRNA;

miscRNA;

C100507165), miscRNA;  
C100130507), miscRNA;  
C100129223), miscRNA;  
C100130219), miscRNA;

C100127974), miscRNA;  
8715), mRNA;  
C100506159), miscRNA;  
LOC100506226, transcript variant 2 (LOC100506226), miscRNA; gi|310122847|ref|XR\_109084.1| PREI  
C100506606), miscRNA;

in LOC100130830 (LOC100130830), mRNA;  
C100506577), miscRNA;  
C100506684), miscRNA;  
C100293962), miscRNA;  
728503 (LOC728503), mRNA;

C100507363), miscRNA;  
C100507317), miscRNA;  
C100129940), miscRNA;

C100507515), miscRNA;  
C100507484), miscRNA;

C100506452), miscRNA;

C100293704), miscRNA;

C100128002), miscRNA;

C100507253), miscRNA;

C100129597), miscRNA;

C100507398), miscRNA;

C100505533), miscRNA;

C100507566), miscRNA;

C100507513), miscRNA;

C100505758), miscRNA;

C100128908), miscRNA;

C14orf164-like (LOC100507650), mRNA;

miscRNA;

C100506110), miscRNA;

C100506751), miscRNA;

α1-HABP2 (Homo sapiens serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 2 (SER

C100506718), miscRNA;

C100506536), miscRNA;

C100507277), miscRNA;

C100507257), miscRNA;

C100507108), miscRNA;

C100506999), miscRNA;

α1-HABP2 (LOC100288568 (LOC100288568), mRNA;

LOC100129119, transcript variant 2 (LOC100129119), miscRNA; gi|310110762|ref|XR\_111510.1| PREI

miscRNA;

C100128979), miscRNA;

C100506942), miscRNA;

C100505661), miscRNA;

C100507166), miscRNA;

LOC100507452, transcript variant 1 (LOC100507452), miscRNA; gi|310112850|ref|XR\_111557.1| PREI

miscRNA;

C100507110), miscRNA;

(MGC34800), miscRNA;

C100505948), miscRNA;

C100505574), miscRNA;

α1-HABP2 (LOC100132339 (LOC100132339), mRNA;

C100505722), miscRNA;  
ENSP00000381418-like (LOC729159), mRNA;

C100505908), miscRNA;  
C100506105), miscRNA;  
C100506467), miscRNA;

C100506521), miscRNA;  
C100506559), miscRNA;  
miscRNA;  
)448), miscRNA;  
C100129697), miscRNA;

C100506183), miscRNA;

RNA;

C100505487), miscRNA;  
in LOC100505564 (LOC100505564), mRNA;

C100506372), miscRNA;  
RNA;  
C100506371), miscRNA; gi|310133502|ref|XR\_108271.1| PREDICTED: Homo sapiens hypothetical LOC:  
LOC100506676, transcript variant 2 (LOC100506676), miscRNA; gi|310123574|ref|XR\_109354.1| PREI

C100507069), miscRNA;

C100506418), miscRNA;  
in LOC100506596 (LOC100506596), mRNA;  
(KRTAP9-7), mRNA;

C100506325), miscRNA;  
C100506373), miscRNA;  
C100288866), miscRNA;  
RNA;  
C100507002), miscRNA;  
in LOC100132174 (LOC100132174), mRNA;  
RNA;

C100505577), miscRNA;  
cRNA;

LOC100509075, transcript variant 2 (LOC100509075), miscRNA;  
C100506854), miscRNA;  
C100128893), miscRNA;



C100505626), miscRNA;

C100130856), miscRNA;

C100507094), miscRNA;

C100507004), miscRNA;

C100505555), miscRNA;

C100507550), miscRNA;

LOC100507372, transcript variant 1 (LOC100507372), miscRNA; gi|310123875|ref|XR\_109517.1| PREI

C100507486), miscRNA;

C100507668), miscRNA;

C100132272), miscRNA;

C100505743), miscRNA;

C100505928), miscRNA;

C100505825), miscRNA;

C100506174), miscRNA;

C100506114), miscRNA;

C100506419), miscRNA;

C100505824), miscRNA;

NA00337), miscRNA;

C100506022), miscRNA;

C100505516), miscRNA;

miscRNA;

C100147773), miscRNA;

C100505828), miscRNA;

cytochrome c oxidase subunit 7B, mitochondrial-like (LOC100287509), mRNA;

LOC100506871 (LOC100506871), mRNA;

C100506855), miscRNA;

C100506823), miscRNA;

LOC100506206, transcript variant 2 (LOC100506206), miscRNA; gi|310118778|ref|XR\_108315.1| PREI

LOC100505991, transcript variant 2 (LOC100505991), miscRNA; gi|310113605|ref|XR\_111996.1| PREI

C100127910), miscRNA;

ORF167 reading frame 167 (C1orf167), mRNA;

protein C1orf167-like (LOC100506310), mRNA;

ORF147 reading frame 147 (C1orf147), miscRNA;

LOC100509303, transcript variant 1 (LOC100509303), miscRNA; gi|310113628|ref|XR\_112011.1| PREI

miscRNA;

C100507030), miscRNA;

miscRNA;

LOC100506985, transcript variant 1 (LOC100506985), miscRNA; gi|310118549|ref|XR\_108375.1| PREI

C100507013), miscRNA;

C100286988), miscRNA;

C100506594), miscRNA;  
C100507408), miscRNA;  
cytochrome c oxidase subunit 7B, mitochondrial-like (LOC100133124), mRNA;  
open reading frame 191 (C1orf191), miscRNA;  
miscRNA;  
LOC100506504 (LOC100506504), mRNA;  
miscRNA;  
C100505940), miscRNA;  
C100505821), miscRNA;  
miscRNA;  
C100506459), miscRNA;

C100506375), mRNA;  
GDF5 opposite strand (GDF5OS), miscRNA;  
C100506402), miscRNA;  
C100128988), miscRNA;  
C100505725), miscRNA;  
C100128028), miscRNA;  
C100506053), miscRNA;  
LOC100506115, transcript variant 2 (LOC100506115), miscRNA; gi|310124010|ref|XR\_109621.1| PREI  
C100506153), miscRNA;  
miscRNA;  
C100506348), miscRNA;  
C100128310), miscRNA;

LOC100134423, transcript variant 2 (LOC100134423), miscRNA;  
C100505973), miscRNA;

miscRNA;

NA00322), miscRNA;

C100506021), miscRNA;  
C100505727), miscRNA;

C100505827), miscRNA;  
open reading frame 37 (C22orf37), miscRNA;  
C100286925), miscRNA;

C100507669), miscRNA;

C100506075), miscRNA;  
(MGC15705), miscRNA;  
C100506361), miscRNA;  
LOC100134361, transcript variant 3 (LOC100134361), miscRNA; gi|310114058|ref|XR\_112252.1| PREI

C100506737), miscRNA;  
RNA;  
C100506877), miscRNA;  
7944, transcript variant 1 (LOC727944), miscRNA; gi|310114079|ref|XR\_112272.1| PREDICTED: Homo  
| LOC100506014, transcript variant 1 (LOC100506014), miscRNA; gi|310114097|ref|XR\_112281.1| PREI  
C100506216), miscRNA;  
C100506299), miscRNA;  
  
C100506439), miscRNA;  
  
C100505605), miscRNA;  
C100505736), miscRNA;  
C100505774), miscRNA;  
ript 1 (non-protein coding) (SOS1-IT1), miscRNA;  
C100130502), miscRNA;  
RNA;  
C100129434), miscRNA;  
miscRNA;  
c transcript 1 (non-protein coding) (ZNF638-IT1), miscRNA;  
| LOC100132330, transcript variant 2 (LOC100132330), miscRNA; gi|310114175|ref|XR\_112347.1| PREI  
transcript variant 1 (LOC100509620), mRNA; gi|341914412|ref|XM\_003403755.1| PREDICTED: Homo  
eat domain-containing protein 36C, transcript variant 2 (LOC400986), mRNA; gi|310118965|ref|XM\_00  
C100506494), miscRNA;  
  
C100506328), miscRNA;  
C100506286), miscRNA;  
C100506262), miscRNA;  
miscRNA;  
  
C100128130), miscRNA;  
  
C100506762), miscRNA;  
C100506748), miscRNA;  
C100131316), miscRNA;  
  
AZFP), miscRNA;  
;  
141 (LOC285141), mRNA;  
in LOC100128905 (LOC100128905), mRNA;  
C100506923), miscRNA;  
C100507247), miscRNA;  
  
miscRNA;  
  
| LOC100507948, transcript variant 1 (LOC100507948), miscRNA;

miscRNA;  
cal protein LOC285095 (LOC285095), miscRNA;

miscRNA;  
C100506906), miscRNA;  
C100506637), miscRNA;  
C100506485), miscRNA;  
C100506275), miscRNA;

C100505947), miscRNA;  
| LOC100505877, transcript variant 2 (LOC100505877), miscRNA; gi|310119176|ref|XR\_110044.1| PREI

C100133039), miscRNA;  
miscRNA;  
C100506865), miscRNA;

C100506673), miscRNA;

C100506377), miscRNA;  
C100132481), miscRNA;  
frame 56 (C3orf56), miscRNA;  
C100506995), miscRNA;  
C100505844), miscRNA;  
C100505729), miscRNA;

| LOC100505609, transcript variant 2 (LOC100505609), miscRNA; gi|310119322|ref|XR\_108518.1| PREI  
C100505547), miscRNA;  
C100505528), miscRNA;  
0287290), mRNA;  
C100507375), miscRNA;  
| LOC100507291, transcript variant 4 (LOC100507291), miscRNA; gi|341915230|ref|XR\_108495.2| PREI  
ins isomerase A-like (LOC256374), mRNA;  
C100507274), miscRNA;  
| LOC100507239, transcript variant 1 (LOC100507239), miscRNA; gi|310114542|ref|XR\_112584.1| PREI  
in LOC100131035 (LOC100131035), mRNA;  
C100507224), miscRNA;  
C100507210), miscRNA;  
| LOC100507297, transcript variant 2 (LOC100507297), miscRNA;

C100507653), miscRNA;  
miscRNA;

| LOC100507376, transcript variant 1 (LOC100507376), miscRNA; gi|310119368|ref|XR\_108544.1| PREI

556 (LOC285556), mRNA;

antisense RNA 1 (non-protein coding) (SMARCA5-AS1), miscRNA;

C100505685), miscRNA;

C100506107), miscRNA;

C100506154), miscRNA;

C100288152), miscRNA;

C100505959), miscRNA;

miscRNA;

C100506406), miscRNA;

antisense RNA 2 (non-protein coding) (EGFLAM-AS2), miscRNA;

C100287592), miscRNA;

300 (LOC389300), mRNA;

miscRNA;

miscRNA;

C100506102), miscRNA;

1637), mRNA;

C100505811), miscRNA;

LOC100505719, transcript variant 3 (LOC100505719), miscRNA; gi|310114832|ref|XR\_112772.1| PREI

C100128059), miscRNA;

miscRNA;

LOC100507336, transcript variant 2 (LOC100507336), miscRNA; gi|310114893|ref|XR\_112814.1| PREI

C100507506), miscRNA;

C100129461), miscRNA;

C100507603), miscRNA;

LOC100505880, transcript variant 1 (LOC100505880), miscRNA; gi|310119693|ref|XR\_108655.1| PREI

transcript variant 1 (LOC100506091), miscRNA;

1), mRNA;

LOC100506379, transcript variant 2 (LOC100506379), miscRNA; gi|310114915|ref|XR\_112816.1| PREI

C100506631), miscRNA;

LOC100506885, transcript variant 2 (LOC100506885), miscRNA; gi|310119718|ref|XR\_108682.1| PREI

C100507563), miscRNA;

LOC100131607, transcript variant 1 (LOC100131607), miscRNA; gi|310115020|ref|XR\_112865.1| PREI  
 C100505550), miscRNA;  
 C100506188), miscRNA;  
 RNA;  
 C100505966), miscRNA;  
 LOC100131283, transcript variant 2 (LOC100131283), miscRNA; gi|310119777|ref|XR\_108656.1| PREI  
 C100505697), miscRNA;  
 in LOC100507381 (LOC100507381), mRNA;  
 C100506880), miscRNA;  
 C100506908), miscRNA;  
 miscRNA;  
 C100506148), miscRNA;  
 C100507613), miscRNA;  
 C100507477), miscRNA;  
 LOC100507406, transcript variant 2 (LOC100507406), miscRNA; gi|310115100|ref|XR\_112941.1| PREI  
 C100506408), miscRNA;  
 Homo sapiens coiled-coil domain-containing protein 162-like, transcript variant 3 (LOC100506339), mRNA,  
 miscRNA;  
 miscRNA;  
 miscRNA;  
 LOC100505500, transcript variant 1 (LOC100505500), miscRNA; gi|310119894|ref|XR\_108723.1| PREI  
 C100288594), miscRNA; gi|310118214|ref|XR\_110683.1| PREDICTED: Homo sapiens hypothetical LOC:  
 C100505960), miscRNA; gi|310118228|ref|XR\_110643.1| PREDICTED: Homo sapiens hypothetical LOC:  
 LOC100506130, transcript variant 1 (LOC100506130), miscRNA; gi|310118237|ref|XR\_110650.1| PREI  
 NA; gi|310118265|ref|XR\_110671.1| PREDICTED: Homo sapiens hypothetical LOC402481 (PP13004), n  
 LOC100506936, transcript variant 1 (LOC100506936), miscRNA; gi|310118273|ref|XR\_110677.1| PREI  
 C100507500), miscRNA;  
 miscRNA; gi|310119974|ref|XR\_110545.1| PREDICTED: Homo sapiens hypothetical LOC730376 (LOC73  
 87633), mRNA; gi|310118301|ref|XM\_002344315.2| PREDICTED: Homo sapiens protein FAM27E2-like  
 239 (LOC441239), mRNA; gi|310118307|ref|XM\_001714484.2| PREDICTED: Homo sapiens hypothetical  
 ZP434F142), miscRNA; gi|310118310|ref|XR\_110687.1| PREDICTED: Homo sapiens hypothetical DKFZ;  
 C100505669), miscRNA; gi|310120006|ref|XR\_108833.1| PREDICTED: Homo sapiens hypothetical LOC:  
 C100505932), miscRNA; gi|310120024|ref|XR\_108843.1| PREDICTED: Homo sapiens hypothetical LOC:  
 C100506413), miscRNA; gi|310120077|ref|XR\_108798.1| PREDICTED: Homo sapiens hypothetical LOC:  
 miscRNA; gi|310118431|ref|XR\_110784.1| PREDICTED: Homo sapiens hypothetical LOC653739 (LOC65.  
 in LOC100287705 (LOC100287705), mRNA; gi|239743353|ref|XM\_002342757.1| PREDICTED: Homo s:  
 C100130169), miscRNA; gi|310120111|ref|XR\_108782.1| PREDICTED: Homo sapiens hypothetical LOC:  
 C100507525), miscRNA; gi|310118440|ref|XR\_110762.1| PREDICTED: Homo sapiens hypothetical LOC:  
 miscRNA; gi|310118457|ref|XR\_110775.1| PREDICTED: Homo sapiens hypothetical LOC389602 (LOC38:  
 miscRNA;

LOC100507448, transcript variant 3 (LOC100507448), miscRNA; gi|310120152|ref|XR\_110091.1| PREI  
C100131395), miscRNA;

frame 49 (C8orf49), miscRNA;

C100507071), miscRNA;

C100507190), miscRNA;

C100507439), miscRNA;

C100507481), miscRNA;

C100507464), miscRNA;

C100505532), miscRNA;

C100505613), miscRNA;

C100507258), miscRNA;

C100506342), miscRNA;

LOC100506365, transcript variant 1 (LOC100506365), miscRNA; gi|310120237|ref|XR\_108864.1| PREI

C100506652), miscRNA;

C100506753), miscRNA;

C100506966), miscRNA;

C100131910), miscRNA;

C100507418), miscRNA;

LOC100508233, transcript variant 2 (LOC100508233), miscRNA;

C100509484), miscRNA;

miscRNA;

C100506331), miscRNA;

LOC100506304, transcript variant 2 (LOC100506304), miscRNA;

C100506247), miscRNA;

frame 38 (C9orf38), miscRNA;

C100506189), miscRNA;

sequence similarity 27, member E1 (FAM27E1), miscRNA;

C100128909), miscRNA;

LOC100506667 (LOC100506667), mRNA;

C100507626), miscRNA;

C100507449), miscRNA;

C100507438), miscRNA;

C100505588), miscRNA;

C100506620), miscRNA;

C100130547), miscRNA;





C100507558), miscRNA; gi|310120117|ref|XR\_108786.1| PREDICTED: Homo sapiens hypothetical LOC:

C100506302), miscRNA; gi|310120130|ref|XR\_108708.1| PREDICTED: Homo sapiens hypothetical LOC:  
LOC100506380, transcript variant 1 (LOC100506380), miscRNA; gi|310120135|ref|XR\_108712.1| PREI

C100287934), miscRNA;  
similarity 87, member B (FAM87B), miscRNA;  
LOC100505887, transcript variant 2 (LOC100505887), miscRNA; gi|310113500|ref|XR\_111924.1| PREI  
miscRNA;  
RNA;  
C100287506), miscRNA;

miscRNA;  
miscRNA;  
C100506824), miscRNA;  
igosaccharyltransferase complex subunit OSTC-like (LOC646567), mRNA;  
505584), mRNA;  
C100506950), miscRNA;  
C100507479), miscRNA;  
C100507652), miscRNA;  
ng frame 118 (C1orf118), miscRNA;  
C100505840), miscRNA;  
C100506007), miscRNA;  
C100506051), miscRNA;  
C100506029), miscRNA;  
C100506293), miscRNA;  
C100506478), miscRNA;

nscrip variant 2 (LOC100132913), miscRNA; gi|341914928|ref|XR\_133551.1| PREDICTED: Homo sapie

D: Homo sapiens neuroblastoma breakpoint family member 21-like, transcript variant 1 (LOC100506032  
; (KIAA1245), mRNA; gi|341915111|ref|XM\_003119146.2| PREDICTED: Homo sapiens KIAA1245, transc  
miscRNA;

C100132909), miscRNA;  
C100507670), miscRNA;  
C100505481), miscRNA;  
ranscript 1 (non-protein coding) (KIRREL-IT1), miscRNA;  
C100505799), miscRNA;

LOC100506128, transcript variant 2 (LOC100506128), miscRNA; gi|310118775|ref|XR\_108312.1| PREI  
LOC100506128, transcript variant 1 (LOC100506128), miscRNA;  
LOC100292409, miscRNA;  
LOC100506546, transcript variant 1 (LOC100506546), miscRNA;

LOC100506775, transcript variant 2 (LOC100506775), miscRNA; gi|310113565|ref|XR\_111974.1| PREI  
LOC100506161, miscRNA;

LOC100506354, miscRNA;  
LOC100506354, transcript 1 (non-protein coding) (ITPKB-IT1), miscRNA;  
LOC100506354, encodes a putative uncharacterized protein encoded by NCRNA00174-like (LOC728728), mRNA;  
LOC100506571 (LOC100506571), mRNA;  
LOC100505872 (LOC100505872), mRNA;  
LOC100506929, miscRNA;  
LOC100506929, encoding 2C (DCDC2C), mRNA;  
LOC100506317, miscRNA;  
LOC100506405, transcript variant 2 (LOC100506405), miscRNA; gi|310114108|ref|XR\_112294.1| PREI  
LOC100506457, miscRNA;

LOC100131510, miscRNA;  
LOC100131510, miscRNA;  
LOC100506047, miscRNA;  
LOC100506088, miscRNA;  
LOC100506108, transcript variant 1 (LOC100506108), miscRNA; gi|310114139|ref|XR\_112316.1| PREI  
LOC100506235, transcript variant 2 (LOC100506235), miscRNA; gi|310114146|ref|XR\_112322.1| PREI  
LOC100506300, miscRNA;

LOC100506934, miscRNA;  
LOC100507073, miscRNA;  
LOC100507073, encoding mobility group protein HMG-I/HMG-Y-like (LOC100130009), mRNA;  
LOC100507201, miscRNA;

LOC100507360, miscRNA;  
LOC100507360, miscRNA;  
LOC100507360, miscRNA;  
LOC100506036, miscRNA;  
LOC100128131, miscRNA;  
LOC100506473, miscRNA;

LOC100506797, transcript variant 1 (LOC100506797), miscRNA; gi|310119027|ref|XR\_109882.1| PREI

C100506922), miscRNA;  
miscRNA;

C100507460), miscRNA;  
LOC100505498, transcript variant 1 (LOC100505498), miscRNA; gi|310114240|ref|XR\_112391.1| PREI  
955), miscRNA;  
LOC100505957, transcript variant 2 (LOC100505957), miscRNA; gi|310119059|ref|XR\_108440.1| PREI  
miscRNA;  
C100506798), miscRNA;  
C100506816), miscRNA;  
C100506892), miscRNA;

C100506993), miscRNA;  
9570, transcript variant 1 (LOC729570), miscRNA; gi|310119107|ref|XR\_108423.1| PREDICTED: Homo  
C100507554), miscRNA;  
C100507611), miscRNA;

miscRNA;  
NA;  
with sequence similarity 132, member B (FAM132B), partial mRNA;  
C100505507), miscRNA;  
C100505565), miscRNA;

LOC100507555, transcript variant 2 (LOC100507555), miscRNA;  
miscRNA;  
C100293612), miscRNA;  
C100505737), miscRNA;  
C100505786), miscRNA;  
as hypothetical protein LOC100505836, transcript variant 2 (LOC100505836), mRNA; gi|310114419|ref  
cRNA;  
C100506301), miscRNA;  
C100506319), miscRNA;

C100506651), miscRNA;

C100129060), miscRNA;  
miscRNA;  
in LOC100287789 (LOC100287789), mRNA;  
C100506924), miscRNA;  
anscript 1 (non-protein coding) (FOXP1-IT1), miscRNA;  
C100506944), miscRNA;  
C100506506), miscRNA;  
miscRNA;  
LOC100506591, transcript variant 2 (LOC100506591), miscRNA; gi|310119254|ref|XR\_108464.1| PREI  
C100506708), miscRNA;

C100506724), miscRNA;  
ical protein LOC644662 (LOC644662), mRNA;  
C100506907), miscRNA;  
C100507015), miscRNA;  
scRNA;  
LOC100507335, transcript variant 2 (LOC100507335), miscRNA; gi|310114534|ref|XR\_112576.1| PREI  
RNA;  
C100507461), miscRNA;

C100505598), miscRNA;  
C100505668), miscRNA;  
C100505710), miscRNA;  
C100505787), miscRNA;  
LOC100505861, transcript variant 1 (LOC100505861), miscRNA; gi|310114488|ref|XR\_112546.1| PREI  
C100505902), miscRNA;  
C100507033), miscRNA;

C100507150), miscRNA;

C100507292), miscRNA;  
ading frame 50 (C4orf50), mRNA;

C100506024), miscRNA;  
LOC100506048, transcript variant 2 (LOC100506048), miscRNA; gi|310114602|ref|XR\_112626.1| PREI  
C100506827), miscRNA;  
3783, transcript variant 1 (LOC643783), miscRNA; gi|310114611|ref|XR\_112636.1| PREDICTED: Homo  
LOC100506387, transcript variant 1 (LOC100506387), miscRNA; gi|310119387|ref|XR\_110057.1| PREI  
C100507160), miscRNA;

C100505946), miscRNA;  
C100506253), miscRNA;  
C100506297), miscRNA;  
731282 (LOC731282), mRNA;  
C100507012), miscRNA;

C100507322), miscRNA;  
C100507487), miscRNA;  
C100507528), miscRNA;  
C100505491), miscRNA;  
C100505784), miscRNA;

C100506196), miscRNA;  
C100506272), miscRNA;  
C100506858), miscRNA;

C100506639), miscRNA;  
C100506674), miscRNA;  
C100506329), miscRNA;  
RNA;  
C100506526), miscRNA;

NA 1 (non-protein coding) (MAST4-AS1), miscRNA;

C100505750), miscRNA;  
RNA;  
C100505878), miscRNA;  
C100505949), miscRNA;  
C100505822), miscRNA;  
C100129233), miscRNA;

in LOC100505572 (LOC100505572), mRNA;

C100506030), miscRNA;  
C100506120), miscRNA;  
C100506200), miscRNA;  
C100130172), miscRNA;

LOC100505636, transcript variant 2 (LOC100505636), miscRNA; gi|310114851|ref|XR\_112788.1| PREI

LOC100505813, transcript variant 4 (LOC100505813), miscRNA; gi|310119639|ref|XR\_110318.1| PREI  
ative uncharacterized protein NCRNA00269-like (LOC100507161), mRNA;

C100507193), miscRNA;  
miscRNA;  
C100128340), miscRNA;

LOC100507546, transcript variant 3 (LOC100507546), miscRNA; gi|310119674|ref|XR\_110079.1| PREI  
C100507619), miscRNA;  
C100507602), miscRNA;

RNA;  
C100507294), miscRNA;

C100506288), miscRNA;

C100506935), miscRNA;  
C100507025), miscRNA;

C100129195), miscRNA;  
C100505530), miscRNA;  
C100505635), miscRNA;  
C100505711), miscRNA;

LOC100505730, transcript variant 1 (LOC100505730), miscRNA; gi|310119772|ref|XR\_108648.1| PREI

C100505862), miscRNA;

miscRNA;

in LOC100507172 (LOC100507172), mRNA;

C100507367), miscRNA;

C100506740), miscRNA;

C100506867), miscRNA;

C100506926), miscRNA;

C100507024), miscRNA;

C100506090), miscRNA;

C100506165), miscRNA;

C100287366), miscRNA;

C100506389), miscRNA;

C100506430), miscRNA;

C100287612), miscRNA;

C100507136), miscRNA;

C100507308), miscRNA;

miscRNA;

in LOC100130476 (LOC100130476), mRNA;

C100507624), miscRNA;

C100507662), miscRNA;

C100505475), miscRNA;

C100505519), miscRNA;

C100505903), miscRNA;

C100505551), miscRNA; gi|310118206|ref|XR\_110624.1| PREDICTED: Homo sapiens hypothetical LOC:

LOC100505644, transcript variant 2 (LOC100505644), miscRNA; gi|341914686|ref|XR\_133444.1| PREI

C100128374), miscRNA; gi|310118213|ref|XR\_110629.1| PREDICTED: Homo sapiens hypothetical LOC:

C100129484), miscRNA; gi|310118218|ref|XR\_110633.1| PREDICTED: Homo sapiens hypothetical LOC:

C100505921), miscRNA; gi|310115174|ref|XR\_112975.1| PREDICTED: Homo sapiens hypothetical LOC:

LOC100506098, transcript variant 3 (LOC100506098), miscRNA; gi|310115183|ref|XR\_112982.1| PREI

miscRNA; gi|310115194|ref|XR\_112991.1| PREDICTED: Homo sapiens hypothetical LOC285943 (LOC28:

C100129463), miscRNA; gi|310115199|ref|XR\_112996.1| PREDICTED: Homo sapiens hypothetical LOC:

C100506516), miscRNA; gi|341915022|ref|XR\_132835.1| PREDICTED: Homo sapiens hypothetical LOC:

gi|310118260|ref|XR\_110668.1| PREDICTED: Homo sapiens hypothetical FLJ20712 (FLJ20712), miscRN

in LOC100131871 (LOC100131871), mRNA; gi|310118286|ref|XM\_002344309.2| PREDICTED: Homo s:  
e uncharacterized protein FLJ44672-like (LOC100128326), mRNA;

in LOC100132050 (LOC100132050), mRNA;

sapiens putative uncharacterized protein encoded by NCRNA00174-like (LOC100507369), mRNA;

nucleoside transporter 4-like (LOC100287294), mRNA;

in LOC100506447 (LOC100506447), mRNA; gi|341915037|ref|XM\_003403551.1| PREDICTED: Homo s:

LOC100289098, transcript variant 2 (LOC100289098), miscRNA; gi|310119996|ref|XR\_108824.1| PREI

C100507615), miscRNA;  
factor-like (LOC653375), mRNA;  
sapiens putative speedy protein-like protein 2-like (LOC100505767), mRNA;  
in LOC100507508 (LOC100507508), mRNA;  
l O-acyltransferase 2 like protein 7 (DGAT2L7), mRNA; gi|310115315|ref|XM\_003120053.1| PREDICTED:  
l LOC100128737, transcript variant 1 (LOC100128737), miscRNA; gi|310120074|ref|XR\_108796.1| PREDICTED:  
C100506489), miscRNA; gi|310118405|ref|XR\_110734.1| PREDICTED: Homo sapiens hypothetical LOC:  
C100506586), miscRNA; gi|341914711|ref|XR\_133461.1| PREDICTED: Homo sapiens hypothetical LOC:  
C100127891), miscRNA; gi|310115324|ref|XR\_113053.1| PREDICTED: Homo sapiens hypothetical LOC:  
  
C100506957), miscRNA; gi|341915071|ref|XR\_132866.1| PREDICTED: Homo sapiens hypothetical LOC:  
similarity 87, member A (FAM87A), miscRNA;

C100505734), miscRNA;  
similarity 85, member A (FAM85A), miscRNA;  
in 11 (NSAP11), miscRNA;  
C100507207), miscRNA;  
C100507222), miscRNA;  
l LOC100507420, transcript variant 1 (LOC100507420), miscRNA; gi|310115445|ref|XR\_113124.1| PREDICTED:  
sapiens short chain dehydrogenase/reductase family 16C, member 6, pseudogene (SDR16C6P), miscRNA;  
l LOC100505501, transcript variant 2 (LOC100505501), miscRNA; gi|310115474|ref|XR\_113139.1| PREDICTED:

C100507204), miscRNA;  
C100506351), miscRNA;  
miscRNA;  
C100506910), miscRNA;  
C100507018), miscRNA;  
C100507101), miscRNA;  
miscRNA;  
C100507162), miscRNA;

C100129596), miscRNA;  
encephalopathy related protein 1 (DSERG1), miscRNA;  
C100287623), miscRNA;  
l LOC100506267, transcript variant 2 (LOC100506267), miscRNA;  
miscRNA;  
in LOC100130458 (LOC100130458), mRNA;  
frame 51 (C9orf51), miscRNA;

C100507540), miscRNA;  
C100506605), miscRNA;  
C100506834), miscRNA;  
C100506912), miscRNA;  
C100507103), miscRNA;

C100507319), miscRNA;  
C100507364), miscRNA;  
C100507465), miscRNA;

C100505986), miscRNA;  
C100506080), miscRNA;  
C100128077), miscRNA;  
C100506231), miscRNA;

C100288619), miscRNA;

C100507309), miscRNA;  
in LOC100507445 (LOC100507445), mRNA;  
C100289455), miscRNA;  
C100507531), miscRNA;  
C100505485), miscRNA;  
C100505562), miscRNA;  
C100505601), miscRNA;

miscRNA;  
C100133190), miscRNA;  
C100132116), miscRNA;  
C100507575), miscRNA;  
C100507596), miscRNA;  
C100507633), miscRNA;  
LOC100505606, transcript variant 2 (LOC100505606), miscRNA; gi|310120550|ref|XR\_110443.1| PREI  
C100505820), miscRNA;  
C100505890), miscRNA;  
in LOC100128304 (LOC100128304), mRNA;  
ing frame 85 (C10orf85), miscRNA;

in LOC100506255 (LOC100506255), mRNA;



LOC100506291 (LOC100506291), miscRNA; gi|310120580|ref|XR\_110465.1| PREDICTED: Homo sapie  
miscRNA;  
C100506006), miscRNA;  
C100289424), miscRNA;  
C692247), miscRNA;  
C100506518), miscRNA;  
  
C100294360), miscRNA;  
C100505570), miscRNA;  
in LOC100505870 (LOC100505870), mRNA;  
C100506101), miscRNA;  
C100506258), miscRNA;  
C100506367), miscRNA;  
C100507109), miscRNA;  
C100507282), miscRNA;  
in LOC100507338 (LOC100507338), mRNA;  
RNA;  
C100507106), miscRNA;  
LOC100507411, transcript variant 2 (LOC100507411), miscRNA; gi|310120695|ref|XR\_110909.1| PREI  
miscRNA;  
  
C100505834), miscRNA;  
C100506045), miscRNA;  
in LOC100287837 (LOC100287837), mRNA;  
C100506113), miscRNA;  
C100506220), miscRNA;  
  
C100129203), miscRNA;  
C100131541), miscRNA;  
miscRNA;  
, miscRNA;  
  
C100506852), miscRNA;  
LOC100506870, transcript variant 2 (LOC100506870), miscRNA; gi|341913758|ref|XR\_132971.1| PREI  
C100506982), miscRNA;  
miscRNA;  
  
ing frame 44 (C11orf44), miscRNA;  
543 (LOC646543), mRNA;  
C100128253), miscRNA;  
  
C100507492), miscRNA;  
LOC100507511, transcript variant 1 (LOC100507511), miscRNA; gi|310122829|ref|XR\_109122.1| PREI  
C100507560), miscRNA;  
in LOC100507271 (LOC100507271), mRNA;  
  
177 (LOC645177), mRNA;

1915614|ref|XM\_003403526.1| PREDICTED: Homo sapiens mucin-19-like (LOC100506072), mRNA; gi|310110360|ref|XR\_111279.1| PREI  
LOC100506125, transcript variant 1 (LOC100506125), miscRNA; gi|310110360|ref|XR\_111279.1| PREI  
LOC100289104 (LOC100289104), miscRNA;  
LOC100506732 (LOC100506732), miscRNA;  
C100507175), miscRNA;

C100507330), miscRNA;  
C100507345), miscRNA;  
C100507498), miscRNA;  
C100507559), miscRNA;  
C100507616), miscRNA;  
LOC100506465, transcript variant 1 (LOC100506465), miscRNA; gi|341913844|ref|XR\_133014.1| PREI  
C100506551), miscRNA;  
C100506691), miscRNA;

C100128840), miscRNA;  
miscRNA;  
C100506978), miscRNA;  
C100506622), miscRNA;  
C100507040), miscRNA;  
protein coding) (FRY-AS1), miscRNA;  
C100507114), miscRNA;  
LOC100287803, transcript variant 1 (LOC100287803), miscRNA; gi|310110503|ref|XR\_111380.1| PREI  
nine-protein kinase Nek5-like (LOC100506859), mRNA;  
C100507428), miscRNA;

C100506004), miscRNA;

C100289251), miscRNA;  
C100506499), miscRNA;  
C100506549), miscRNA;

C100506767), miscRNA;  
C100506245), miscRNA;

C100506411), miscRNA;  
ing frame 56 (C14orf56), miscRNA;  
C100287558), miscRNA;  
C100506476), miscRNA;  
C100506659), miscRNA;  
C100506700), miscRNA;  
C100506731), miscRNA;  
C100506777), miscRNA;

miscRNA;

LOC100506919, transcript variant 1 (LOC100506919), miscRNA; gi|310123146|ref|XR\_110239.1| PREI  
d protein C14orf113-like (LOC100506972), mRNA;

C100133207), miscRNA;

C100130815), miscRNA;

C100507226), miscRNA;

C100507242), miscRNA;

C100507295), miscRNA;

LOC100507437, transcript variant 1 (LOC100507437), miscRNA;

C100128343), miscRNA;

C100506948), miscRNA;

C100507007), miscRNA;

o sapiens Golgin subfamily A member 8-like protein 1-like (LOC653720), mRNA; gi|310110718|ref|XM\_  
C100130111), miscRNA;

ily, member J, transcript variant 1 (GOLGA8J), mRNA; gi|341913944|ref|XM\_003403669.1| PREDICTED

family A member 8-like protein 2-like, transcript variant 2 (LOC728047), mRNA; gi|341915720|ref|XM\_(

C100505573), miscRNA;

C100505769), miscRNA;

C100506059), miscRNA;

C100506192), miscRNA;

LOC100506294, transcript variant 3 (LOC100506294), miscRNA; gi|341915714|ref|XR\_109197.2| PREI

C100506530), miscRNA;

C100506580), miscRNA;

LOC100505616, transcript variant 1 (LOC100505616), miscRNA;

-like 3, transcript variant 2 (GOLGA6L3), mRNA;

C100507118), miscRNA;

C100507325), miscRNA;

miscRNA;

C100287175), miscRNA;

C100507146), miscRNA;

C100507235), miscRNA;  
C100507303), miscRNA;  
LOC100507458, transcript variant 2 (LOC100507458), miscRNA; gi|310123431|ref|XR\_109247.1| PREI  
C100507570), miscRNA;  
miscRNA;  
C100287598), miscRNA;  
LOC100287628, transcript variant 2 (LOC100287628), miscRNA; gi|310112987|ref|XR\_111640.1| PREI  
LOC100129781, transcript variant 2 (LOC100129781), miscRNA;  
Homo sapiens nuclear pore complex-interacting protein-like 1-like, transcript variant 4 (LOC642778), mR  
Homo sapiens nuclear pore complex-interacting protein-like 1-like, transcript variant 2 (LOC642799), mR  
D: Homo sapiens nuclear pore complex-interacting protein-like 1-like, transcript variant 6 (LOC1002883.  
  
clear pore complex-interacting protein-like 1-like (LOC100506193), mRNA;  
  
C100506705), miscRNA;  
  
C100506862), miscRNA;  
  
in LOC100506928 (LOC100506928), mRNA;  
C100507092), miscRNA;  
C100128371), miscRNA;  
  
C100506397), miscRNA;  
C100506974), miscRNA;  
  
LOC100507263, transcript variant 1 (LOC100507263), miscRNA; gi|310113049|ref|XR\_111674.1| PREI  
  
C100506582), miscRNA;  
C100506629), miscRNA;  
C100506643), miscRNA;  
(KRTAP9-6), mRNA;  
  
C100505972), miscRNA;  
  
LOC100506295, transcript variant 1 (LOC100506295), miscRNA; gi|310113120|ref|XR\_111708.1| PREI  
C100506609), miscRNA;  
  
C100506847), miscRNA;  
ranscript 1 (non-protein coding) (CLTC-IT1), mRNA;  
C100507049), miscRNA;  
C100134391), miscRNA;  
C100507425), miscRNA;  
C100507440), miscRNA;

NA;

C100506787), miscRNA;  
C100506821), miscRNA;  
C100127909), miscRNA;  
ing frame 12 (C18orf12), miscRNA;  
C100132501), miscRNA;  
C100505529), miscRNA;  
C100130938), miscRNA;  
in LOC100505657 (LOC100505657), mRNA;  
C100505756), miscRNA;  
C100505797), miscRNA;

C100505853), miscRNA;

C100506070), miscRNA;

C100507081), miscRNA;  
LOC100507111, transcript variant 1 (LOC100507111), miscRNA; gi|310113320|ref|XR\_111830.1| PREI  
LOC100507305, transcript variant 1 (LOC100507305), miscRNA; gi|310123813|ref|XR\_109567.1| PREI  
C100507503), miscRNA;  
C100507535), miscRNA;

C100128139), miscRNA;  
miscRNA;  
C100132815), miscRNA;  
miscRNA;

C100505535), miscRNA;  
C100505701), miscRNA;  
C100505754), miscRNA;  
(ZNF888), mRNA;  
C100506437), miscRNA;  
C100506523), miscRNA;

LOC100505490, transcript variant 1 (LOC100505490), miscRNA; gi|310113858|ref|XR\_112136.1| PREI  
C100505763), miscRNA;  
LOC100128997, transcript variant 1 (LOC100128997), miscRNA; gi|310123998|ref|XR\_109612.1| PREI  
C100130157), miscRNA;  
C100505963), miscRNA;  
C100505983), miscRNA;  
C100506034), miscRNA;  
C100506069), miscRNA;  
in LOC100130156 (LOC100130156), mRNA;  
VA;

C100506470), miscRNA;

C100131174), miscRNA; gi|341916328|ref|XR\_132469.1| PREDICTED: Homo sapiens hypothetical LOC:  
LOC100505771, transcript variant 1 (LOC100505771), miscRNA;

C100289065), miscRNA;  
miscRNA;  
C100506284), miscRNA;

C100505974), miscRNA;  
ing frame 30 (C21orf30), miscRNA;  
NA00316), miscRNA;

nyltransferase 2 (GGT2), mRNA;  
miscRNA;  
C100507580), miscRNA;  
C100507599), miscRNA;

464), miscRNA;  
C100506271), miscRNA;  
C100131530), miscRNA;  
C100506544), miscRNA;

C100506679), miscRNA;  
C100506695), miscRNA;  
LOC100506756, transcript variant 2 (LOC100506756), miscRNA; gi|310124156|ref|XR\_109735.1| PREI  
C100506813), miscRNA;

C100506917), miscRNA;

C100506610), miscRNA;  
C100506630), miscRNA;

frame 24 (CXorf24), miscRNA;  
frame 67 (CXorf67), miscRNA;

C100506774), miscRNA;

in LOC100128574 (LOC100128574), mRNA;

LOC100506901, transcript variant 2 (LOC100506901), miscRNA;  
C100126447), miscRNA;

LOC100507199, transcript variant 1 (LOC100507199), miscRNA; gi|341914999|ref|XR\_133566.1| PREI

LOC100505874, transcript variant 1 (LOC100505874), miscRNA; gi|310124325|ref|XR\_110949.1| PREI  
RNA 1 (non-protein coding) (DNAJC3-AS1), miscRNA;  
C100507654), miscRNA;

tronic transcript 1 (non-protein coding) (ANKRD10-IT1), miscRNA;

LOC100505488, transcript variant 2 (LOC100505488), miscRNA;

C100505692), miscRNA;  
C100505709), miscRNA;  
miscRNA;  
C100505792), miscRNA;  
LOC100505942, transcript variant 2 (LOC100505942), miscRNA;  
ing frame 47 (C16orf47), miscRNA;

C100506307), miscRNA;

C100506542), miscRNA;  
C100129215), miscRNA;

C100506251), miscRNA;  
C100506268), miscRNA;

C100505592), miscRNA;  
C100287082), miscRNA;  
ng enzyme 1-like 1 (AMAC1L1), mRNA;  
ipt variant 2 (ANKRD62), mRNA; gi|341915998|ref|XM\_292717.10| PREDICTED: Homo sapiens ankyrin

C100507459), miscRNA;  
miscRNA;  
C100505515), miscRNA;  
C100505651), miscRNA;  
C100505664), miscRNA;  
C100506240), miscRNA;

C100506285), miscRNA;

C100287576), miscRNA;

C100506532), miscRNA;

frame 62 (C9orf62), miscRNA;

C100129999), miscRNA;

C100505976), miscRNA;

C100506016), miscRNA;

C100506063), miscRNA;

C100506425), miscRNA;

C100130548), miscRNA;

8034, transcript variant 1 (LOC728034), miscRNA;

| LOC100505650, transcript variant 1 (LOC100505650), miscRNA; gi|310113619|ref|XR\_112001.1| PREI  
/-linked 8 (TSPY8), mRNA;

omo sapiens proline-rich nuclear receptor coactivator 2-like, transcript variant 6 (LOC100505603), mRN/

| LOC100507312, transcript variant 2 (LOC100507312), miscRNA; gi|310117983|ref|XR\_113288.1| PREI

87188), mRNA;

PREDICTED: Homo sapiens HLA class II histocompatibility antigen, DRB1-7 beta chain-like, transcript var

C100506851), miscRNA; gi|310115069|ref|XR\_112893.1| PREDICTED: Homo sapiens hypothetical LOC:

esterase 5 (SMPD5), mRNA; gi|239743650|ref|XM\_001714032.2| PREDICTED: Homo sapiens sphingom

gi|310124543|ref|XR\_109860.1| PREDICTED: Homo sapiens hypothetical locus ESP33 (ESP33), miscRNA

lomo sapiens golgin subfamily A member 6-like protein 1-like, transcript variant 1 (LOC100132202), mRN

5321, transcript variant 2 (LOC645321), miscRNA; gi|310123789|ref|XR\_110161.1| PREDICTED: Homo :

1369), miscRNA;



3400682), mRNA; gi|239757207|ref|XM\_001732878.2| PREDICTED: Homo sapiens zinc finger protein 1  
og, subfamily C, member 27 (DNAJC27), transcript variant 2, mRNA;  
.EC9), transcript variant 2, mRNA;

zh (STON1-GTF2A1L), transcript variant 3, mRNA; gi|310703589|ref|NM\_172311.2| Homo sapiens STO  
n inhibitor heavy chain family, member 5 (ITI5), transcript variant 2, mRNA; gi|296080779|ref|NM\_00

' (MAP7), transcript variant 6, mRNA; gi|310750346|ref|NM\_003980.4| Homo sapiens microtubule-ass

. (XIRP1), transcript variant 1, mRNA;  
crosis factor (ligand) superfamily, member 12 (TNFSF12), transcript variant 1, mRNA;  
osis factor (ligand) superfamily, member 13 (TNFSF13), transcript variant gamma, mRNA; gi|310750386|  
transcript variant 9, mRNA; gi|310750403|ref|NM\_153439.1| Homo sapiens outer dense fiber of spern

cript variant 3, mRNA; gi|310772219|ref|NM\_001003818.2| Homo sapiens tripartite motif containing 6  
[AKAP2), transcript variant 1, mRNA; gi|310772254|ref|NM\_001198656.1| Homo sapiens A kinase (PRK

;-binding factor, runt domain, alpha subunit 2; translocated to, 3 (CBFA2T3), transcript variant 1, mRNA;  
ransporting, lysosomal 16kDa, V0 subunit c (ATP6V0C), transcript variant 1, mRNA;

40) homolog, subfamily C , member 25 (DNAJC25), transcript variant 1, mRNA;  
nucleotide binding protein (G protein), gamma 10 (GNG10), transcript variant 1, mRNA;  
eotide exchange factor (GEF) 12 (ARHGEF12), transcript variant 1, mRNA;  
:2), transcript variant 2, non-coding RNA;  
6), transcript variant 2, mRNA; gi|310832430|ref|NM\_001198670.1| Homo sapiens transmembrane pr  
RNA; gi|310832383|ref|NM\_001198592.1| Homo sapiens adenylate cyclase 4 (ADCY4), transcript vari:  
regulatory subunit B', delta (PPP2R5D), transcript variant 3, mRNA; gi|31083266|ref|NM\_006245.2| Hc

ns runt-related transcription factor 1; translocated to, 1 (cyclin D-related) (RUNX1T1), transcript variant

lls 2, protein (NM23B) expressed in (NME2), transcript variant 1, mRNA; gi|66392204|ref|NM\_0010181  
transcript (LEPROT), transcript variant 2, mRNA; gi|310923130|ref|NM\_017526.4| Homo sapiens leptin  
923186|ref|NM\_001198687.1| Homo sapiens leptin receptor (LEPR), transcript variant 4, mRNA; gi|31  
· 2 (SCARF2), transcript variant 1, mRNA;  
N-P2RY11), transcript variant 1, mRNA;

RNA glycosylase (UNG), transcript variant 2, mRNA;  
ene (LOC440895), transcript variant 1, non-coding RNA;  
AFAP4), transcript variant 1, mRNA;

cell antigen-like domains 3 (LIMS3), transcript variant 1, mRNA;  
variant 1, mRNA;

transcript variant 2, mRNA; gi|377652330|ref|NM\_001256782.1| Homo sapiens septin 4 (SEPT4), tran:  
ding factor, mitochondrion-associated, 2 (AIFM2), transcript variant 1, mRNA;

509|ref|NM\_001198829.1| Homo sapiens lipase, gastric (LIPF), transcript variant 1, mRNA; gi|31177150  
4), transcript variant 2, mRNA; gi|197085592|ref|NM\_006328.3| Homo sapiens RNA binding motif prot  
subunit 2 (beta) (CCT2), transcript variant 1, mRNA;  
transcript variant 3, mRNA; gi|311771538|ref|NM\_002896.3| Homo sapiens RNA binding motif protein 4  
A14-RBM4), transcript variant 1, mRNA;  
8.2| Homo sapiens guanine nucleotide binding protein (G protein), gamma transducing activity polypep  
02), transcript variant 2, mRNA;

gi|311771591|ref|NM\_001198764.1| Homo sapiens CD302 molecule (CD302), transcript variant 3, mR

se, catalytic, beta (PI4KB), transcript variant 3, mRNA; gi|311771624|ref|NM\_001198775.1| Homo sapi  
NM\_001198778.1| Homo sapiens cullin 2 (CUL2), transcript variant 1, mRNA; gi|311771636|ref|NM\_001  
in 2/3 complex, subunit 4, 20kDa (ARPC4), transcript variant 2, mRNA; gi|311771644|ref|NM\_0010249  
transforming sequence 2 oncogene-like (ECT2L), transcript variant 2, mRNA;  
gase-like family, member 3 (TTLL3), transcript variant 1, mRNA;  
2 (SFMBT2), transcript variant 1, mRNA;  
t variant 1, mRNA; gi|311771674|ref|NR\_037163.1| Homo sapiens POU class 2 homeobox 1 (POU2F1)

e DNA-binding domain containing 3 (MSANTD3), transcript variant 2, mRNA; gi|311771723|ref|NM\_08  
1 (SLC43A1), transcript variant 2, mRNA;

on initiation factor 4 gamma, 3 (EIF4G3), transcript variant 4, mRNA; gi|311771713|ref|NM\_001198801

r (A1CF), transcript variant 5, mRNA; gi|311771758|ref|NM\_138933.2| Homo sapiens APOBEC1 comple  
IM2), transcript variant 3, mRNA; gi|311771773|ref|NM\_176871.3| Homo sapiens PDZ and LIM domain  
07547 (LOC100507547), transcript variant 1, non-coding RNA; gi|311771780|ref|NR\_037170.1| Homo  
ng frame 58 (C8orf58), transcript variant 1, mRNA; gi|311771784|ref|NM\_173686.2| Homo sapiens chr  
.94145 (LOC100294145), transcript variant 2, non-coding RNA;  
07362 (LOC100507362), transcript variant 1, non-coding RNA; gi|311893295|ref|NR\_037181.1| Homo

311893302|ref|NM\_001198850.1| Homo sapiens forkhead box J3 (FOXJ3), transcript variant 2, mRNA; 0, family 2, subfamily C, polypeptide 8 (CYP2C8), transcript variant 1, mRNA; gi|311893308|ref|NM\_00

ens PRP38 pre-mRNA processing factor 38 (yeast) domain containing B (PRPF38B), transcript variant 1, n

16), transcript variant 2, mRNA;

variant 1, mRNA; gi|311893337|ref|NM\_020108.4| Homo sapiens acrosomal vesicle protein 1 (ACRV1  
93341|ref|NM\_152927.2| Homo sapiens copine I (CPNE1), transcript variant 4, mRNA; gi|311893340|r  
arbohydrate (N-acetylgalactosamine 4-sulfate 6-O) sulfotransferase 15 (CHST15), transcript variant 1, mf

93390|ref|NM\_001003714.2| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial Fo complex,

ranscript variant 1, mRNA; gi|311893285|ref|NM\_152838.3| Homo sapiens RNA binding motif protein

i|312032404|ref|NM\_001198896.1| Homo sapiens aminoacylase 1 (ACY1), transcript variant 3, mRNA;

script variant 6, mRNA; gi|112382254|ref|NM\_139119.2| Homo sapiens YY1 associated protein 1 (YY1A  
386758), transcript variant 1, non-coding RNA; gi|312032427|ref|NR\_037160.1| Homo sapiens unchar

169 (CCDC169), transcript variant 3, mRNA; gi|312032441|ref|NM\_001144986.2| Homo sapiens coiled-  
ransporting, lysosomal 14kDa, V1 subunit F (ATP6V1F), transcript variant 2, mRNA;

2662.2| Homo sapiens solute carrier family 3 (activators of dibasic and neutral amino acid transport), m

reacting protein, binding protein 1 (liprin beta 1) (PPFIBP1), transcript variant 3, mRNA; gi|312032468|ref

07463 (LOC100507463), transcript variant 2, non-coding RNA; gi|312032492|ref|NR\_037173.1| Homo



iant 1, mRNA; gi|312147328|ref|NM\_001198952.1| Homo sapiens ring finger protein 103 (RNF103), tr:  
aining 21 (ZFYVE21), transcript variant 2, mRNA;

l-CCL15), transcript variant 1, non-coding RNA;

carrier organic anion transporter family, member 2B1 (SLCO2B1), transcript variant 3, mRNA; gi|3121763  
 o sapiens mitochondrial ribosomal protein L49 (MRPL49), transcript variant 2, non-coding RNA; gi|31217  
 n containing 2 (ECHDC2), transcript variant 3, mRNA; gi|312176383|ref|NM\_001198961.1| Homo sapiens  
 o sapiens mitochondrial ribosomal protein S11 (MRPS11), nuclear gene encoding mitochondrial protein  
 ns nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 4 (NFATC4), transcript variant 1  
 eta (LACTB), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA;

L12734869|ref|NM\_020888.2| Homo sapiens KIAA1522 (KIAA1522), transcript variant 1, mRNA;

g frame 201 (C1orf201), transcript variant 3, mRNA; gi|312222698|ref|NM\_001199012.1| Homo sapiens  
 RC49), transcript variant 1, mRNA; gi|312222718|ref|NM\_001199018.1| Homo sapiens leucine rich rep  
 rotein L10 (MRPL10), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|31222  
 :M222), transcript variant 4, non-coding RNA; gi|148277051|ref|NM\_032125.2| Homo sapiens transme  
 rotein (SPON2), transcript variant 1, mRNA; gi|312222732|ref|NM\_001199021.1| Homo sapiens sponc  
 cDa (CCP110), transcript variant 2, mRNA;  
 (DCAF6), transcript variant 1, mRNA; gi|312176367|ref|NM\_001198957.1| Homo sapiens DDB1 and CL  
 312176432|ref|NM\_001198979.1| Homo sapiens small ArfGAP2 (SMAP2), transcript variant 2, mRNA; g  
 989.1| Homo sapiens NFS1 nitrogen fixation 1 homolog (S. cerevisiae) (NFS1), transcript variant 3, mRN.  
 76|ref|NM\_001198994.1| Homo sapiens NAD kinase (NADK), transcript variant 3, mRNA; gi|312222778

RNA; gi|317008626|ref|NM\_001199743.1| Homo sapiens dynactin 5 (p25) (DCTN5), transcript variant 1

int 1, mRNA; gi|312261214|ref|NM\_001199037.1| Homo sapiens serine incorporator 2 (SERINC2), tran  
 s, membrane associated tyrosine/threonine 1 (PKMYT1), transcript variant 2, mRNA;  
 rich domain (RNPS1), transcript variant 2, mRNA;

cript variant 4, mRNA; gi|312261249|ref|NM\_001199051.1| Homo sapiens LEM domain containing 1 (L  
ed protein complex 3, sigma 2 subunit (AP3S2), transcript variant 1, mRNA; gi|189409108|ref|NR\_02336

variant 2, mRNA; gi|222136612|ref|NM\_030941.2| Homo sapiens exonuclease NEF-sp (LOC81691), tra  
ing frame 5 (C16orf5), transcript variant 3, mRNA; gi|118344449|ref|NM\_013399.2| Homo sapiens chr

4|ref|NM\_001199081.1| Homo sapiens podocan (PODN), transcript variant 3, mRNA; gi|312283619|re  
transcript variant 5, mRNA; gi|312434029|ref|NM\_173533.3| Homo sapiens tudor domain containing 5 (T

, transcript variant 1, mRNA; gi|312283643|ref|NM\_001199088.1| Homo sapiens 5'-nucleotidase, cyto:  
(NT5C1B-RDH14), transcript variant 2, mRNA;

BC1D24), transcript variant 2, mRNA;

(soluble) (MDH1), transcript variant 2, mRNA; gi|312283702|ref|NM\_001199112.1| Homo sapiens mal

uclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 3 (NFATC3), transcript variant 2, m  
(RPP21), transcript variant 1, mRNA; gi|312283731|ref|NM\_001199121.1| Homo sapiens ribonuclease  
aintenance complex component 9 (MCM9), transcript variant 2, mRNA;

reading frame 37 (C21orf37), transcript variant 1, non-coding RNA;

ot variant 1, mRNA; gi|312284084|ref|NM\_001199098.1| Homo sapiens BAI1-associated protein 3 (BAI  
COP9 constitutive photomorphogenic homolog subunit 3 (Arabidopsis) (COPS3), transcript variant 1, m  
ociated NFKB activator (TANK), transcript variant 1, mRNA; gi|19743570|ref|NM\_133484.1| Homo sapi  
ntaining 4 (NLRC4), transcript variant 2, mRNA; gi|312433958|ref|NM\_021209.4| Homo sapiens NLR fa  
n gene 1-like (AMMECR1L), transcript variant 1, mRNA;

2 (XIRP2), transcript variant 1, mRNA; gi|312433983|ref|NM\_001199143.1| Homo sapiens xin actin-bir  
er 11 (SLC38A11), transcript variant 2, mRNA;

transcript variant 5, mRNA; gi|312434010|ref|NM\_001199155.1| Homo sapiens K(lysine) acetyltransferase  
RNA;

.9), transcript variant 2, mRNA; gi|312596870|ref|NM\_001199160.1| Homo sapiens ubiquitin specific p  
(prosome, macropain) 26S subunit, ATPase, 5 (PSMC5), transcript variant 1, mRNA;

ed protein, LST8 homolog (S. cerevisiae) (MLST8), transcript variant 4, mRNA; gi|312596911|ref|NM\_00  
osome, macropain) assembly chaperone 2 (PSMG2), transcript variant 1, mRNA;

elated cysteine peptidase (CASP9), transcript variant beta, mRNA;

porting, type 2C, member 1 (ATP2C1), transcript variant 3, mRNA; gi|312836770|ref|NM\_001199183.1  
transcript variant 1, mRNA;

mitochondrial protein, transcript variant 2, mRNA; gi|312836804|ref|NM\_001625.3| Homo sapiens adenine  
nucleotide transferase 1 (GTF2IRD1), transcript variant 3, mRNA; gi|312836809|ref|NM\_016328.2| Homo sapiens GTF2I repeat

region 3 (ZBBX), transcript variant 2, mRNA; gi|312836814|ref|NM\_001199201.1| Homo sapiens zinc finger, B-

box 50, family 4, subfamily F, polypeptide 3 (CYP4F3), transcript variant 1, mRNA; gi|312836834|ref|NM\_00

transcript variant 2, mRNA; gi|312836849|ref|NM\_002361.3| Homo sapiens myelin associated glycoprotein  
(BC1D23), transcript variant 2, mRNA;

protein 1 (GPANK1), transcript variant 3, mRNA; gi|312839865|ref|NM\_001199237.1| Homo sapiens G protein  
gamma subunit 17 (LOC100507217), transcript variant 3, non-coding RNA; gi|312839875|ref|NR\_037601.1| Homo

sarcomeric protein S14 (MRPS14), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;

transcript variant 2, mRNA; gi|312922355|ref|NM\_001199260.1| Homo sapiens torsin A interacting protein

kinase 2 (SGK2), transcript variant 2, mRNA; gi|312922368|ref|NM\_001199264.1| Homo sapiens serum/glucocorticoid

induced transcript variant C3, mRNA; gi|312922338|ref|NM\_001199254.1| Homo sapiens shugoshin-like 1 (S. pombe)  
protein variant 6, mRNA; gi|313102993|ref|NM\_201532.2| Homo sapiens diacylglycerol kinase, zeta (DGKZ)

Homo sapiens SLX1 structure-specific endonuclease subunit homolog A (S. cerevisiae) (SLX1A), transcript variant 1,  
Homo sapiens SLX1 structure-specific endonuclease subunit homolog B (S. cerevisiae) (SLX1B), transcript variant 2, mRNA;  
transcript variant 3, mRNA; gi|313151180|ref|NM\_001199281.1| Homo sapiens calcineurin binding protein  
transcript variant 4, mRNA; gi|313482806|ref|NM\_001008489.3| Homo sapiens phosphatase, orphan 2 (

transcript variant 1, mRNA;



containing 1 (UIMC1), transcript variant 1, mRNA; gi|313482814|ref|NM\_016290.4| Homo sapiens ubiquitin-conjugating RNA;  
transcript variant 2, mRNA;

transcript variant 2, mRNA; gi|31317244|ref|NM\_052962.2| Homo sapiens interleukin 22 receptor, alpha 1 mRNA;  
Homo sapiens potassium large conductance calcium-activated channel, subfamily M, beta member 2 (KCNMB2) mRNA;  
Calcium-activated, catalytic polypeptide (PRKDC), transcript variant 2, mRNA;

Transmembrane domain containing 4 (CMTM4), transcript variant 2, mRNA;

Lactate dehydrogenase D (LDHD), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA;  
Choline receptor, nicotinic, alpha 6 (neuronal) (CHRNA6), transcript variant 2, mRNA;

:NA; gi|313482794|ref|NM\_001199280.1| Homo sapiens hyaluronan synthase 3 (HAS3), transcript vari  
 ARD), transcript variant 1, mRNA;  
 dehydrogenase 4 (HSD17B4), transcript variant 2, mRNA; gi|313151209|ref|NM\_001199292.1| Homo  
 nplex, subunit 2 (CNOT2), transcript variant 4, non-coding RNA; gi|313482816|ref|NM\_014515.5| Hom  
 26), transcript variant 3, mRNA; gi|313482832|ref|NM\_001127649.2| Homo sapiens peroxisomal biog  
 ript variant 2, mRNA; gi|313482849|ref|NM\_201280.2| Homo sapiens muted homolog (mouse) (MUT  
 domain containing 5 (endoplasmic reticulum) (TXNDC5), transcript variant 3, mRNA;  
  
 ine exocytosis 2 (RIMS2), transcript variant 1, mRNA;  
  
 ant 8, mRNA; gi|313569769|ref|NM\_001199341.1| Homo sapiens ribosomal protein L17 (RPL17), tran  
 nsferase (FPGT), transcript variant 1, mRNA; gi|313569780|ref|NM\_001199328.1| Homo sapiens fucos  
 ading frame 32 (C18orf32), transcript variant 2, mRNA;  
 313569794|ref|NM\_001085426.2| Homo sapiens arylsulfatase A (ARSA), transcript variant 3, mRNA; gi  
 gh (RPL17-C18ORF32), transcript variant 1, mRNA;  
 VEL transmembrane domain containing 2 (CMTM2), transcript variant 1, mRNA;  
  
 transmembrane domain containing 3 (CMTM3), transcript variant 7, non-coding RNA; gi|313569852|re  
 ant 1, mRNA;  
  
 ·TNNI3K), transcript variant 1, mRNA;  
  
 DRC6), transcript variant 2, non-coding RNA;  
  
 variant 1, mRNA; gi|313661392|ref|NM\_001199381.1| Homo sapiens ring finger protein 145 (RNF145  
  
 e protein band 4.1-like 2 (EPB41L2), transcript variant 1, mRNA; gi|207113194|ref|NM\_001135554.1| I  
 ene a)-related kinase 1 (NEK1), transcript variant 5, mRNA; gi|313661429|ref|NM\_001199399.1| Hom  
  
 transcript variant 1, mRNA; gi|313661480|ref|NM\_003300.3| Homo sapiens TNF receptor-associated f  
 ge-gated channel, subfamily G, member 3 (KCNG3), transcript variant 1, mRNA;  
 revisiae) (NIP7), transcript variant 1, mRNA;  
  
 ript variant 2, mRNA; gi|164419756|ref|NM\_005104.3| Homo sapiens bromodomain containing 2 (BR

. cerevisiae) (ISY1), transcript variant 1, mRNA;  
e associated transmembrane protein 1 (CLPTM1), transcript variant 4, non-coding RNA; gi|338222098|r  
'SWIM3), transcript variant 2, non-coding RNA;

variant 1, mRNA; gi|313747458|ref|NM\_006299.4| Homo sapiens zinc finger protein 193 (ZNF193), tra  
feldin A resistant guanine nucleotide exchange factor 1 (GBF1), transcript variant 3, mRNA; gi|31374751  
ng receptor 2 (NCR2), transcript variant 3, mRNA; gi|153945781|ref|NM\_004828.3| Homo sapiens natu  
IF2), transcript variant 2, mRNA; gi|313747518|ref|NM\_001199514.1| Homo sapiens TGFB-induced fac  
t 4, mRNA; gi|145580581|ref|NM\_173568.3| Homo sapiens uromodulin-like 1 (UMODL1), transcript va  
ng frame 24 (C20orf24), transcript variant 1, mRNA; gi|313760554|ref|NM\_199483.2| Homo sapiens ch

ε bubblegum family member 1 (ACSBG1), transcript variant 1, mRNA;

d cell death 4 (neoplastic transformation inhibitor) (PDCD4), transcript variant 1, mRNA; gi|313760536|  
transcript variant 2, mRNA;

S), transcript variant C, mRNA; gi|313760593|ref|NM\_147147.3| Homo sapiens blood vessel epicardial  
[GTPBP10), transcript variant 2, mRNA;

transcript variant 1, mRNA;

aining 2 (SUN2), transcript variant 1, mRNA; gi|313760641|ref|NM\_015374.2| Homo sapiens Sad1 and  
i|313760651|ref|NR\_037623.1| Homo sapiens F-box protein 22 (FBXO22), transcript variant 3, non-coc  
ase C and casein kinase substrate in neurons 1 (PACSIN1), transcript variant 1, mRNA;

ed 4 homolog A (S. cerevisiae) (ATG4A), transcript variant 1, mRNA;

non-coding RNA;

VIYCBP), transcript variant 1, non-coding RNA; gi|313760692|ref|NR\_037636.1| Homo sapiens GJA9-M'

A7), transcript variant 6, mRNA; gi|313850972|ref|NM\_001199619.1| Homo sapiens nuclear receptor

effector c (CIDEA), transcript variant 4, mRNA; gi|313851087|ref|NM\_001199551.1| Homo sapiens ce  
light chain 6B, alkali, smooth muscle and non-muscle (MYL6B), transcript variant 2, mRNA;

ript variant 4, mRNA; gi|313850993|ref|NM\_001199461.1| Homo sapiens programmed cell death 2 (P  
sapiens solute carrier family 28 (sodium-coupled nucleoside transporter), member 3 (SLC28A3), transcrip  
TR8-TTC4), transcript variant 3, non-coding RNA; gi|313851014|ref|NR\_037640.1| Homo sapiens HEAT  
sapiens adenylate cyclase activating polypeptide 1 (pituitary) receptor type I (ADCYAP1R1), transcript var  
336|ref|NM\_001199641.1| Homo sapiens interleukin 33 (IL33), transcript variant 3, mRNA;

nsript variant 2, mRNA; gi|313851041|ref|NM\_153831.3| Homo sapiens PTK2 protein tyrosine kinase  
ranscript variant 3, mRNA; gi|313851056|ref|NM\_001199654.1| Homo sapiens polyamine-modulated f

BGLAP), transcript variant 2, mRNA; gi|313851068|ref|NM\_001199661.1| Homo sapiens PMF1-BGLAP

0614|ref|NM\_001185073.2| Homo sapiens claudin 12 (CLDN12), transcript variant 2, mRNA;  
linker protein 3 (CLIP3), transcript variant 2, mRNA;

2, mRNA;

RNA;

ain 6, alkali, smooth muscle and non-muscle (MYL6), transcript variant 1, mRNA;

f|NM\_001199659.1| Homo sapiens leucine zipper-EF-hand containing transmembrane protein 2 (LETM:  
L80|ref|NM\_001199673.1| Homo sapiens calumenin (CALU), transcript variant 5, mRNA; gi|314122178

1\_001199693.1| Homo sapiens solute carrier family 4, anion exchanger, member 2 (erythrocyte membr  
variant 1, mRNA;

ens T-cell, immune regulator 1, ATPase, H<sup>+</sup> transporting, lysosomal V0 subunit A3 (TCIRG1), transcript va

rotein 2 (CRABP2), transcript variant 2, mRNA;

transcript variant 3, mRNA; gi|315013565|ref|NM\_001126123.3| Homo sapiens enolase superfamily n

membrane protein 2 (TMX2), transcript variant 2, mRNA; gi|315013588|ref|NR\_037645.1| Homo sapie

317|ref|NM\_001241.3| Homo sapiens cyclin T2 (CCNT2), transcript variant a, mRNA;  
DNA-damage-inducible, alpha (GADD45A), transcript variant 1, mRNA; gi|315075322|ref|NM\_00119974

315075339|ref|NM\_001199746.1| Homo sapiens homeobox D8 (HOXD8), transcript variant 2, mRNA;  
cript variant 1, mRNA;  
atory subunit 8 (PPP1R8), transcript variant 1, mRNA; gi|315113851|ref|NM\_138558.2| Homo sapiens |  
A), transcript variant 2, mRNA; gi|315113854|ref|NM\_138937.2| Homo sapiens regenerating islet-deriv  
tase 2, regulatory subunit B', alpha (PPP2R5A), transcript variant 2, mRNA;  
)(ST20), transcript variant 3, mRNA; gi|315113861|ref|NM\_001100880.2| Homo sapiens suppressor of

58.1| Homo sapiens 5,10-methenyltetrahydrofolate synthetase (5-formyltetrahydrofolate cyclo-ligase)  
ariant 2, mRNA;  
atase, receptor type, N (PTPRN), transcript variant 2, mRNA; gi|315113880|ref|NM\_001199764.1| Hor

sis of lysosomal organelles complex-1, subunit 1 (BLOC1S1), transcript variant 2, non-coding RNA; gi|31  
variant 1, mRNA;  
-cis) (RDH5), transcript variant 2, mRNA;

: polypeptide 33 (DHX33), transcript variant 2, mRNA;  
ident oxidoreductase domain containing 1 (FOXRED1), transcript variant 2, non-coding RNA; gi|3151139

(prosome, macropain) subunit, alpha type, 5 (PSMA5), transcript variant 2, mRNA; gi|315138984|ref|NI  
s;  
olar protein homolog B (Chlamydomonas) (POC1B), transcript variant 3, non-coding RNA; gi|315138993

prosome, macropain) subunit, beta type, 2 (PSMB2), transcript variant 1, mRNA; gi|315139003|ref|NM  
A), transcript variant 1, mRNA; gi|315139019|ref|NM\_001199786.1| Homo sapiens FK506 binding prot

E2 (SLC35E2), transcript variant 2, mRNA;

(CPT1C), transcript variant 1, mRNA; gi|315221115|ref|NM\_152359.2| Homo sapiens carnitine palmito  
(POC1B-GALNT4), transcript variant 2, mRNA;

inin) 2 (SDCBP2), transcript variant 3, mRNA; gi|315139011|ref|NM\_080489.4| Homo sapiens syndecar

atase, non-receptor type 7 (PTPN7), transcript variant 4, non-coding RNA; gi|315221139|ref|NM\_00283  
13), transcript variant 1, mRNA;

1, mRNA;

it 1, mRNA;

domain containing receptor 1 (ILDR1), transcript variant 2, mRNA; gi|315259079|ref|NM\_001199800.  
ranscript variant 3, mRNA; gi|315259083|ref|NM\_001199809.1| Homo sapiens integrator complex sub  
127.2| Homo sapiens asparagine-linked glycosylation 11, alpha-1,2-mannosyltransferase homolog (yeas

tase 1 (MDP1), transcript variant 3, mRNA; gi|315259106|ref|NM\_001199821.1| Homo sapiens magne

rase (GGCT), transcript variant 3, mRNA; gi|315360615|ref|NM\_024051.3| Homo sapiens gamma-gluta  
n-coupled receptor associated sorting protein 2 (GPRASP2), transcript variant 3, mRNA; gi|315360627|r  
ranscript variant 2, mRNA;

i0641|ref|NM\_006665.5| Homo sapiens heparanase (HPSE), transcript variant 1, mRNA; gi|315360642|

mRNA; gi|315360661|ref|NM\_001199837.1| Homo sapiens sorting nexin 10 (SNX10), transcript varian

aining 4 (ASB4), transcript variant 1, mRNA;

124B (FAM124B), transcript variant 1, mRNA;

(ADAM22), transcript variant 2, mRNA; gi|315434189|ref|NM\_021723.3| Homo sapiens ADAM metalloprotein ligase 1 (SMURF1), transcript variant 3, mRNA; gi|315434201|ref|NM\_020429.2| Homo sapiens DARC (DARC), transcript variant 1, mRNA; gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|315434209|ref|NM\_004632.3| Homo sapiens adenine kinase 3 (AK3), transcript variant 6, mRNA; gi|315434219|ref|NM\_001199852.1| Homo sapiens adenine kinase 3 (AK3), transcript variant 6, mRNA; gi|315434234|ref|NM\_024411.4| Homo sapiens prodynorphin (PDYN), transcript variant 1, mRNA; gi|300:

Homo sapiens potassium voltage-gated channel, shaker-related subfamily, beta member 2 (KCNA2), transcript variant 2, mRNA; gi|315434258|ref|NM\_001199865.1| Homo sapiens kinesin family member 16B (KIF16B), transcript variant 2, mRNA;

AD1), transcript variant 2, mRNA; CAM1), transcript variant 1, mRNA; gi|315434268|ref|NM\_080682.2| Homo sapiens vascular cell adhesion protein 1 (VCAM1), transcript variant 1, mRNA; gi|315434268|ref|NM\_080682.2| Homo sapiens vascular cell adhesion protein 1 (VCAM1), transcript variant 1, mRNA;

IDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 3 (B4GALT3), transcript variant 3, mRNA;

y-regulating kinase 4 (MARK4), transcript variant 2, mRNA;

ref|NM\_001199887.1| Homo sapiens interleukin 7 (IL7), transcript variant 3, mRNA; gi|315467866|ref  
variant 2, mRNA; gi|31317227|ref|NM\_004430.2| Homo sapiens early growth response 3 (EGR3), trans

ing frame 63 (C15orf63), transcript variant 1, mRNA;

variant 4, mRNA; gi|315468040|ref|NM\_001199876.1| Homo sapiens small EDRK-rich factor 2 (SERF2),  
transcript variant 1, mRNA;

associated membrane protein family, member 5 (LAMP5), transcript variant 1, mRNA;

;

kinase, isozyme 2 (PDK2), nuclear gene encoding mitochondrial protein, transcript variant 4, mRNA; gi|:

13), transcript variant 2, mRNA; gi|31563329|ref|NM\_006738.4| Homo sapiens A kinase (PRKA) anchor  
i (EIF6), transcript variant 1, mRNA; gi|31563377|ref|NM\_181468.1| Homo sapiens eukaryotic translati  
tosolic, 2B, member 1 (SULT2B1), transcript variant 1, mRNA;  
ctor homeobox (ADNP), transcript variant 1, mRNA;

kDa (RFC2), transcript variant 2, mRNA;

(WFDC10B), transcript variant 2, mRNA;

int 3, mRNA; gi|315707005|ref|NM\_001199917.1| Homo sapiens phosphoglucomutase 3 (PGM3), tran  
ef|NM\_001199933.1| Homo sapiens sestrin 1 (SESN1), transcript variant 2, mRNA;  
variant 1, mRNA;



ipt variant b, mRNA;

sapiens mitochondrial ribosomal protein L21 (MRPL21), nuclear gene encoding mitochondrial protein, tr  
'17.2| Homo sapiens T-box 5 (TBX5), transcript variant 3, mRNA; gi|31652231|ref|NM\_181486.1| Hom  
variant 1, mRNA;

ransmembrane domain containing 7 (CMTM7), transcript variant 1, mRNA;

pt variant 2, mRNA; gi|31657124|ref|NM\_181508.1| Homo sapiens Hermansky-Pudlak syndrome 5 (HF

osphatase (nucleoside triphosphate pyrophosphatase) (ITPA), transcript variant 1, mRNA;

|316659410|ref|NR\_037688.1| Homo sapiens actin, gamma 1 (ACTG1), transcript variant 3, non-coding  
06|ref|NM\_001199958.1| Homo sapiens NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 5, 16|

riant 1, mRNA;

uclear ribonucleoprotein H2 (H') (HNRNPH2), transcript variant 2, mRNA;  
through (RPL36A-HNRNPH2), transcript variant 2, mRNA;

ariant 2, mRNA; gi|316983159|ref|NM\_001199984.1| Homo sapiens NADH dehydrogenase (ubiquinon  
83169|ref|NM\_002493.4| Homo sapiens NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 6, 17|

l), transcript variant 1, mRNA;

ant 1, mRNA;

RNA; gi|317108156|ref|NM\_001200019.1| Homo sapiens opiate receptor-like 1 (OPRL1), transcript variant 1, mRNA; gi|317108157|ref|NM\_001200020.1| Homo sapiens tyrosine kinase (ABL1), transcript variant b, mRNA;

transcript variant 3, mRNA; gi|317108189|ref|NM\_003025.3| Homo sapiens SH3-domain GRB2-like 1 (SH3GL1), transcript variant 1, mRNA; gi|317108190|ref|NM\_003025.3| Homo sapiens DnaJ (Hsp40) homolog, subfamily B, member 3 pseudogene (LOC100286922), transcript variant 3, non-coding RNA;

erbB-2 erythroblastic leukemia viral oncogene homolog 3 (avian) (ERBB3), transcript variant s, mRNA; gi|317108191|ref|NM\_003025.3| Homo sapiens tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, beta polypeptide (TPST2), transcript variant 1, mRNA; gi|317108192|ref|NM\_003025.3| Homo sapiens C10orf137 (C10orf137), transcript variant 1, mRNA;

RNA;

5), transcript variant 1, mRNA; gi|291219894|ref|NM\_183043.2| Homo sapiens ring finger protein (C3H1), transcript variant 2, mRNA; gi|318037201|ref|NM\_002614.4| Homo sapiens PDZ domain containing 1 (PDZK1), transcript variant 1, mRNA; gi|318037202|ref|NM\_002614.4| Homo sapiens regulatory subunit 3B (PPP1R3B), transcript variant 1, mRNA;

6), transcript variant 2, mRNA; gi|318037389|ref|NM\_001200018.1| Homo sapiens N-acetyltransferase 6 (NAT6), transcript variant 2, mRNA; gi|318037458|ref|NM\_001200032.1| Homo sapiens hyaluronoglucosaminidase 1 (HGA1), transcript variant 1, mRNA;

l) (CYB5A), transcript variant 2, mRNA; gi|318037576|ref|NM\_148923.3| Homo sapiens cytochrome b5

inase receptor (PLAUR), transcript variant 2, mRNA; gi|318037607|ref|NM\_001005377.2| Homo sapiens  
tylneuraminate pyruvate lyase (dihydrodipicolinate synthase) (NPL), transcript variant 5, mRNA; gi|3180

p nucleosomal binding domain 3 (HMGN3), transcript variant 3, mRNA; gi|318067960|ref|NM\_0012013  
5, mRNA; gi|318067971|ref|NM\_183400.2| Homo sapiens ring finger protein 14 (RNF14), transcript var  
78177.3| Homo sapiens nicotinamide nucleotide adenylyltransferase 3 (NMNAT3), transcript variant 1,

ant 2, mRNA; gi|318037594|ref|NM\_001200054.1| Homo sapiens premelanosome protein (PMEL), tra  
ing factor 2 (GCFC2), transcript variant 3, mRNA; gi|256017127|ref|NM\_003203.4| Homo sapiens GC-ri

7kDa (RFC4), transcript variant 2, mRNA;

), transcript variant 1, mRNA;

1, mRNA; gi|319004140|ref|NM\_183237.2| Homo sapiens ring finger protein 7 (RNF7), transcript varia  
mmunoglobulin-like receptor 2 (LAIR2), transcript variant 2, mRNA;

iae) (SEC24C), transcript variant 1, mRNA;

ubfamily 1, group I, member 3 (NR1I3), transcript variant 4, mRNA; gi|319047349|ref|NM\_001077473.2

l) (LGALS8), transcript variant 2, mRNA; gi|318068047|ref|NM\_201545.2| Homo sapiens lectin, galactos  
transcript variant 1, mRNA;

ript variant H2', mRNA; gi|319655550|ref|NM\_001181.4| Homo sapiens asialoglycoprotein receptor 2  
(CCDC136), transcript variant 1, mRNA;

ranscript variant 4, mRNA; gi|319655693|ref|NM\_000115.3| Homo sapiens endothelin receptor type B (  
mRNA; gi|319655719|ref|NM\_001201402.1| Homo sapiens galactosylceramidase (GALC), transcript va

nt variant 1, mRNA;

), transcript variant 2, mRNA;

ndau tumor suppressor, E3 ubiquitin protein ligase (VHL), transcript variant 2, mRNA;

script variant 1, mRNA; gi|319655750|ref|NM\_182531.3| Homo sapiens zinc finger protein 778 (ZNF778)  
od protein kinase kinase kinase 5 (MAP4K5), transcript variant 2, mRNA;

iated activator of morphogenesis 2 (DAAM2), transcript variant 2, mRNA;

; protein 2, 55kDa (GORASP2), transcript variant 2, mRNA;

nnel tetramerisation domain containing 7 (KCTD7), transcript variant 2, mRNA;

1, mRNA;

zed protein FLJ42280 (FLJ42280), transcript variant 1, mRNA;

eta) (IL1F10), transcript variant 2, mRNA;

gi|319803119|ref|NM\_001201457.1| Homo sapiens testis expressed 14 (TEX14), transcript variant 3, mRNA; gi|319803128|ref|NM\_020659.3| Homo sapiens tweety homolog 1 (D

1-like (ROPN1L), transcript variant 1, mRNA;

tassium voltage-gated channel, subfamily H (eag-related), member 7 (KCNH7), transcript variant 2, mRNA; gi|20452469|ref|NM\_138999.1| Homo sapiens neuropilin-1-like 1 (NETO1), transcript variant 4, mRNA;

4|ref|NM\_001201472.1| Homo sapiens coronin 7 (CORO7), transcript variant 2, mRNA;

ng frame 21 (C18orf21), transcript variant 3, mRNA; gi|319918863|ref|NM\_001201476.1| Homo sapiens

factor 2D (EIF2D), transcript variant 1, mRNA;

glycan anchor biosynthesis, class O (PIGO), transcript variant 2, mRNA; gi|319918881|ref|NM\_001201.

sapiens TATA box binding protein (TBP)-associated factor, RNA polymerase I, A, 48kDa (TAF1A), transcript variant 2, mRNA; gi|1966603|ref|NM\_001201538.1| Homo sapiens arylsulfatase F (ARSF), transcript variant 2, mRNA;

ein 4 (SSBP4), transcript variant 1, mRNA;

transcript variant 1, mRNA;

in kinase 1 (HIPK1), transcript variant 1, mRNA; gi|319996636|ref|NM\_198269.2| Homo sapiens homeobox protein 1 (HES1), transcript variant 1, mRNA;

sapiens solute carrier family 16, member 4 (monocarboxylic acid transporter 5) (SLC16A4), transcript variant 1, mRNA;

sapiens ring finger and FYVE-like domain containing E3 ubiquitin protein ligase (RFFL), transcript variant 2, mRNA; gi|319996741|ref|NM\_145739.2| Homo sapiens oxysterol binding protein 1 (OSBP1), transcript variant 4, mRNA;

6), transcript variant 4, mRNA; gi|319996741|ref|NM\_145739.2| Homo sapiens oxysterol binding protein 1 (OSBP1), transcript variant 4, mRNA;

uence similarity 161, member A (FAM161A), transcript variant 2, mRNA; gi|320089539|ref|NM\_001201.1| Homo sapiens family with sequence similarity 161, member A (FAM161A), transcript variant 2, mRNA;

: variant 3, non-coding RNA; gi|320089575|ref|NM\_001004333.4| Homo sapiens ribonuclease, RNase K (RNase K), transcript variant 3, non-coding RNA;

ading frame 49 (C17orf49), transcript variant 3, mRNA; gi|320043265|ref|NM\_174893.3| Homo sapiens  
sium voltage-gated channel, Shal-related subfamily, member 3 (KCND3), transcript variant 1, mRNA;

t variant 3, mRNA; gi|320089596|ref|NM\_020363.3| Homo sapiens deleted in azoospermia 2 (DAZ2), tr  
ant 2, mRNA; gi|320118853|ref|NM\_001201552.1| Homo sapiens zinc finger protein 821 (ZNF821), tra  
it 2, mRNA;

(ABHD12), transcript variant 1, mRNA;

3PL), transcript variant 2, mRNA; gi|157384955|ref|NM\_025152.2| Homo sapiens nucleotide binding pr  
aining fibulin-like extracellular matrix protein 1 (EFEMP1), transcript variant 2, mRNA;

l|ref|NM\_024526.3| Homo sapiens EPS8-like 3 (EPS8L3), transcript variant 3, mRNA;

ulin-like extracellular matrix protein 2 (EFEMP2), transcript variant 2, non-coding RNA;

ed 4 homolog C (S. cerevisiae) (ATG4C), transcript variant 2, mRNA;

ript variant w, mRNA;

tilisin/kexin type 2 (PCSK2), transcript variant 1, mRNA; gi|320118925|ref|NM\_001201528.1| Homo sa  
e trafficking protein homolog C (S. cerevisiae) (SEC22C), transcript variant 4, mRNA; gi|320202926|ref|l  
box containing 11 (ASB11), transcript variant 2, mRNA; gi|320202940|ref|NM\_080873.2| Homo sapie  
aining 3 (ASB3), transcript variant 2, mRNA; gi|320202949|ref|NM\_001201965.1| Homo sapiens ankyri  
family 4, group A, member 1 (NR4A1), transcript variant 3, mRNA; gi|320202954|ref|NM\_173157.2| Hc  
aining 6 (ASB6), transcript variant 1, mRNA; gi|320202961|ref|NM\_001202403.1| Homo sapiens ankyri  
ogenase 7 family, member A1 (ALDH7A1), transcript variant 1, mRNA; gi|319655559|ref|NM\_001182.4

variant 7, mRNA; gi|320202977|ref|NM\_001202409.1| Homo sapiens zinc finger protein 559 (ZNF559)  
1 (ZNF559-ZNF177), transcript variant 4, mRNA;

gi|320461534|ref|NM\_001123.3| Homo sapiens adenosine kinase (ADK), transcript variant 1, mRNA; g

variant 3, mRNA; gi|320461553|ref|NM\_001202456.1| Homo sapiens zinc finger protein 816 (ZNF816)  
eto reductase family 1, member A1 (aldehyde reductase) (AKR1A1), transcript variant 3, mRNA; gi|3202

i|320461709|ref|NM\_002574.3| Homo sapiens peroxiredoxin 1 (PRDX1), transcript variant 1, mRNA; gi

ning 11 (ZMYND11), transcript variant 1, mRNA; gi|321117062|ref|NM\_001202468.1| Homo sapiens zi

mRNA;

none receptor 2 (CRHR2), transcript variant 5, mRNA; gi|321117238|ref|NM\_001202481.1| Homo sap  
1 (UBE2E1), transcript variant 3, mRNA; gi|321117171|ref|NM\_182666.2| Homo sapiens ubiquitin-cor

(UBE2G2), transcript variant 1, mRNA; gi|321117278|ref|NM\_001202489.1| Homo sapiens ubiquitin-cc  
ontaining 2 (ASB2), transcript variant 2, mRNA;

nsript variant 4, mRNA; gi|321267468|ref|NM\_001201338.1| Homo sapiens scaffold attachment facto

sapiens glioblastoma amplified sequence (GBAS), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|321267497|ref|NM\_003344.3| Homo sapiens ubiquitin-conjugase 1 (UBAP1), transcript variant 2, mRNA;

4.1| Homo sapiens CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) phosphatase, subunit 1 (CTDP1), transcript variant 5, mRNA; gi|321267572|ref|NM\_001202519.1| Homo sapiens cyclin-dependent kinase 5, transcript variant 2, mRNA; gi|321273950|ref|NM\_001201550.2| Homo sapiens complement factor H (CFH), transcript variant 2, mRNA;

EL transmembrane domain containing 5 (CMTM5), transcript variant 3, mRNA;

transcript variant 1, mRNA; transcript variant 3, mRNA; gi|321400049|ref|NM\_002357.3| Homo sapiens MAX dimerization protein 1 (MAX), gi|321400115|ref|NM\_001202546.1| Homo sapiens cut-like homeobox 1 (CUX1), transcript variant 7, transcript variant 2, mRNA;

transcript variant 1, mRNA;

URC1-FNTB), transcript variant 1, mRNA;

transcript variant 1, mRNA;

transcript variant 1, mRNA; gi|221316615|ref|NM\_022664.2| Homo sapiens extracellular matrix protein 1 (ECM1), transcript variant 1, mRNA;

transcript variant 1, mRNA; gi|322302904|ref|NM\_017893.3| Homo sapiens sema domain, immunoglobulin domain (Ig), transcript variant 1, mRNA;

transcript variant 1, mRNA; gi|323276698|ref|NM\_001203245.2| Homo sapiens ribosomal protein S10 (RPS10), transcript variant 1, mRNA; transcript variant 1, mRNA;

transmembrane domain containing 5 (CMTM5), transcript variant 3, mRNA; signal transducing adaptor molecule (SH3 domain and ITAM motif) 1 (STAM), transcript variant 1, mRNA; signal transducing adaptor molecule (SH3 domain and ITAM motif) 1 (STAM), transcript variant 1, mRNA; signal transducing adaptor molecule (SH3 domain and ITAM motif) 1 (STAM), transcript variant 1, mRNA;

transcript variant 1, mRNA; gi|322506100|ref|NM\_001203249.1| Homo sapiens er

2 (MBD2), transcript variant 1, mRNA;

cript variant 2, mRNA; gi|322812166|ref|NM\_032732.5| Homo sapiens interleukin 17 receptor C (IL17R

e 25 (C6orf25), transcript variant 7, mRNA; gi|322812178|ref|NM\_138274.2| Homo sapiens chromosome 50, family 3, subfamily A, polypeptide 4 (CYP3A4), transcript variant 2, mRNA;

insfer protein, cytoplasmic 1 (PITPNC1), transcript variant 2, mRNA;

5), transcript variant 2, mRNA;

1|ref|NR\_037840.2| Homo sapiens interleukin 15 (IL15), transcript variant 1, non-coding RNA;

Homo sapiens solute carrier family 25, member 27 (SLC25A27), nuclear gene encoding mitochondrial protein, transcript variant H, mRNA; gi|89111126|ref|NM\_173042.2| Homo sapiens interleukin 18 binding protein

riant 2, mRNA;

ugh (NDUFC2-KCTD14), transcript variant 3, mRNA; gi|323276583|ref|NM\_001203260.1| Homo sapiens

gi|323276604|ref|NM\_004549.5| Homo sapiens NADH dehydrogenase (ubiquinone) 1, subcomplex unit

), transcript variant 3, mRNA; gi|323276621|ref|NM\_001204063.1| Homo sapiens churchill domain containing

repeat and sterile alpha motif domain containing 1B (ANKS1B), transcript variant 9, mRNA; gi|323276627

aining) subunit A 1 (KATNA1), transcript variant 2, mRNA;

4+ transporting, lysosomal 13kDa, V1 subunit G2 (ATP6V1G2), transcript variant 1, mRNA; gi|323276652|ref|NM\_004087.1| Homo sapiens mitochondrial inner membrane organizing system 1 (MINOS1), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|323276652|ref|NM\_004087.1| Homo sapiens potassium intermediate/small conductance calcium-activated channel, subfamily

C1orf151-NBL1), transcript variant 2, mRNA;  
cytochrome c oxidase assembly homolog (*S. cerevisiae*) (COX16), nuclear gene encoding mitochondrial p  
n (SYNJ2BP-COX16), transcript variant 2, mRNA; gi|323276696|ref|NM\_001202549.2| Homo sapiens SY  
: polypeptide 39B (DDX39B), transcript variant 1, mRNA; gi|323276704|ref|NR\_037852.1| Homo sapier  
nscript variant 1, mRNA; gi|323362947|ref|NM\_001204103.1| Homo sapiens palmitoyl-protein thioest  
ator) (BCL2L11), transcript variant 18, mRNA; gi|323362957|ref|NM\_138626.3| Homo sapiens BCL2-like  
variant 2, non-coding RNA;  
variant 2, mRNA;  
transcript variant 3, mRNA; gi|323362987|ref|NM\_015208.4| Homo sapiens ankyrin repeat domain 12  
transcript variant 2, mRNA; gi|323362995|ref|NM\_001100819.2| Homo sapiens MOB family member 4,  
nRNA; gi|321267557|ref|NM\_016951.3| Homo sapiens chemokine-like factor (CKLF), transcript variant  
254128), transcript variant 3, non-coding RNA; gi|323363012|ref|NR\_037858.1| Homo sapiens unchar  
CMTM1), transcript variant 2, mRNA; gi|321267531|ref|NM\_001202509.1| Homo sapiens CKLF-CMTM  
), transcript variant 2, mRNA;  
y 17, member A (CLEC17A), transcript variant 1, mRNA;  
ne protein (LRMP), transcript variant 2, mRNA; gi|323422973|ref|NM\_006152.3| Homo sapiens lymph  
t 5, mRNA; gi|323423048|ref|NM\_001204145.1| Homo sapiens histone deacetylase 9 (HDAC9), transcr  
ar ribonucleoprotein 27kDa (U4/U6.U5) (SNRNP27), transcript variant 1, mRNA;  
ein 1 (MBD1), transcript variant 3, mRNA; gi|156105676|ref|NM\_002384.2| Homo sapiens methyl-CpG  
n of tumorigenicity 1 (NBL1), transcript variant 1, mRNA; gi|323462167|ref|NM\_001204084.2| Homo sa  
rticoid regulated kinase family, member 3 (SGK3), transcript variant 2, mRNA; gi|323510625|ref|NM\_0:  
ing protein homolog (mouse) (MDM4), transcript variant 2, mRNA; gi|323510631|ref|NM\_002393.4| H  
), transcript variant 1, non-coding RNA;  
anscript variant 2, mRNA; gi|323510647|ref|NR\_037873.1| Homo sapiens zinc fingers and homeoboxes  
3510657|ref|NM\_001204178.1| Homo sapiens chondrolectin (CHODL), transcript variant 6, mRNA; gi|3  
P450, family 21, subfamily A, polypeptide 2 (CYP21A2), transcript variant 2, mRNA;



n helicase 1 (RTEL1), transcript variant 2, mRNA;  
05876 (LOC100505876), transcript variant 2, non-coding RNA;

ene a)-related kinase 2 (NEK2), transcript variant 3, mRNA; gi|323510689|ref|NM\_001204183.1| Homo

l9), transcript variant 2, mRNA; gi|323510697|ref|NM\_001204194.1| Homo sapiens signal recognition

V235), transcript variant 3, mRNA; gi|323635428|ref|NM\_001204211.1| Homo sapiens transmembran  
[NOS1), transcript variant 2, mRNA; gi|323635433|ref|NM\_001204214.1| Homo sapiens nitric oxide syr

ant 2, mRNA;  
ant 1, mRNA; gi|323635449|ref|NR\_037892.1| Homo sapiens zinc finger protein 695 (ZNF695), transcr

script variant 3, mRNA; gi|323639470|ref|NM\_033382.2| Homo sapiens SEC14-like 2 (S. cerevisiae) (SE  
apiens mitochondrial fission process 1 (MTFP1), nuclear gene encoding mitochondrial protein, transcrip

IA (TBC1D10A), transcript variant 2, mRNA;

NA; gi|323668316|ref|NM\_001204187.1| Homo sapiens tumor protein p73 (TP73), transcript variant 1

nber 2 (SCARB2), transcript variant 2, mRNA;  
ing ion transport regulator 6 (FXVD6), transcript variant 1, mRNA; gi|323714269|ref|NM\_001164836.2

potassium voltage-gated channel, shaker-related subfamily, member 2 (KCNA2), transcript variant 2, ml  
inobutyric acid (GABA) A receptor, alpha 4 (GABRA4), transcript variant 2, mRNA; gi|324021686|ref|NM

ic subunit (PPP5C), transcript variant 2, mRNA;

ant 2, mRNA;

(ARHGAP19), transcript variant 3, mRNA; gi|324021729|ref|NM\_001204300.1| Homo sapiens Rho GTI

mponent (vitamin D binding protein) (GC), transcript variant 2, mRNA; gi|324021741|ref|NM\_000583.3  
APP), transcript variant 3, mRNA; gi|324021735|ref|NM\_001204302.1| Homo sapiens amyloid beta (A-  
L), transcript variant 2, mRNA; gi|38201633|ref|NM\_017744.4| Homo sapiens suppression of tumorige

TPase inhibitory factor 1 (ATPIF1), nuclear gene encoding mitochondrial protein, transcript variant 3, mR

is factor (ligand) superfamily, member 15 (TNFSF15), transcript variant 1, mRNA;

; 1 (CUZD1), transcript variant 2, non-coding RNA;

milarity 24, member B (FAM24B), transcript variant 3, non-coding RNA; gi|116006948|ref|NM\_152644.  
NA; gi|324073362|ref|NM\_001204318.1| Homo sapiens prolactin receptor (PRLR), transcript variant 5,

1, mRNA;

n factor 2C, 3 (EIF2C3), transcript variant 1, mRNA;

latory element binding protein 1 (GMEB1), transcript variant 2, mRNA;

receptor, alpha (interferon, lambda receptor) (IL28RA), transcript variant 1, mRNA; gi|324120882|ref|N  
omo sapiens ring finger and CHY zinc finger domain containing 1, E3 ubiquitin protein ligase (RCHY1), tra  
sferase 2 (MGST2), transcript variant 1, mRNA; gi|324120892|ref|NM\_001204366.1| Homo sapiens mi

1084608|ref|NM\_032457.3| Homo sapiens protocadherin 7 (PCDH7), transcript variant c, mRNA; gi|29

ptidase 2 (MASP2), transcript variant 1, mRNA;

Homo sapiens natriuretic peptide receptor C/guanylate cyclase C (atrionatriuretic peptide receptor C) (I

la) (DLG1), transcript variant 3, mRNA; gi|148539577|ref|NM\_004087.2| Homo sapiens discs, large hon

JC1), transcript variant 18, mRNA; gi|324120959|ref|NM\_001204287.1| Homo sapiens mucin 1, cell su

kinase, regulatory subunit 1 (alpha) (PIK3R1), transcript variant 2, mRNA; gi|335057533|ref|NM\_00124

ipt variant 3, mRNA; gi|324711005|ref|NM\_153426.2| Homo sapiens paired-like homeodomain 2 (PITX  
AP), transcript variant 2, mRNA; gi|324711007|ref|NM\_001167.3| Homo sapiens X-linked inhibitor of a

2, mRNA;  
(HUS1), transcript variant 2, non-coding RNA;  
ygenase-activating protein (ALOX5AP), transcript variant 1, mRNA;

ntigen-like 1 (TINAGL1), transcript variant 1, mRNA; gi|324713035|ref|NM\_001204415.1| Homo sapien

mRNA;

/oltage-gated channel, KQT-like subfamily, member 1 (KCNQ1), transcript variant 2, non-coding RNA;

. (APAF1), transcript variant 3, mRNA; gi|32483362|ref|NM\_181869.1| Homo sapiens apoptotic peptid;  
3 (PRDX3), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA;  
MP-dependent, catalytic) inhibitor gamma (PKIG), transcript variant 1, mRNA; gi|32483384|ref|NM\_00  
-dependent, catalytic) inhibitor beta (PKIB), transcript variant 3, mRNA; gi|32483391|ref|NM\_181795.1

protein complex 5, sigma 1 subunit (AP5S1), transcript variant 1, mRNA; gi|325053627|ref|NM\_01834  
ant 4, mRNA; gi|325053637|ref|NM\_004748.4| Homo sapiens cell cycle progression 1 (CCPG1), transcr  
io sapiens mitochondrial antiviral signaling protein (MAVS), transcript variant 2, non-coding RNA; gi|330

(prosome, macropain) 26S subunit, ATPase, 2 (PSMC2), transcript variant 2, mRNA;  
anscript variant 1, mRNA;  
n G) (ANK3), transcript variant 3, mRNA; gi|325053667|ref|NM\_001204404.1| Homo sapiens ankyrin 3.

(RGS6), transcript variant 7, mRNA; gi|325053672|ref|NM\_004296.5| Homo sapiens regulator of G-pro

osis factor (ligand) superfamily, member 13b (TNFSF13B), transcript variant 1, mRNA;  
factor receptor superfamily, member 19 (TNFRSF19), transcript variant 2, mRNA; gi|325120958|ref|NM  
of nonsense transcripts homolog A (yeast) (UPF3A), transcript variant 2, mRNA;

ansferase 16, NatA auxiliary subunit (NAA16), transcript variant 3, mRNA; gi|160707983|ref|NM\_02456  
0), transcript variant 5, mRNA; gi|325120980|ref|NM\_152856.2| Homo sapiens RNA binding motif prot

nodulin-dependent protein kinase II gamma (CAMK2G), transcript variant 1, mRNA; gi|325197148|ref|N

RNA;  
ins) (TES), transcript variant 2, mRNA;  
tion factor 4A1 (EIF4A1), transcript variant 1, mRNA;  
dthrough (FAM18B2-CDRT4), transcript variant 1, mRNA;

script variant 4, mRNA; gi|325197181|ref|NM\_001204514.1| Homo sapiens kinesin-associated protein

2), transcript variant 2, mRNA;  
d (FLT3LG), transcript variant 1, mRNA; gi|325197200|ref|NM\_001204503.1| Homo sapiens fms-relate

ptor P2X, ligand-gated ion channel, 5 (P2RX5), transcript variant 4, mRNA; gi|325197202|ref|NM\_0025  
t variant 5, mRNA; gi|325197218|ref|NM\_001204505.1| Homo sapiens diacylglycerol kinase, eta (DGK

VOX2), transcript variant 2, mRNA;  
ase, 90kDa, polypeptide 5 (RPS6KA5), transcript variant 1, mRNA;  
.2B (ABHD12B), transcript variant 1, mRNA;

adenylyltransferase 2 (NMNAT2), transcript variant 2, mRNA;  
nan T-cell leukemia virus type I) binding protein 3 (TAX1BP3), transcript variant 2, mRNA;  
script variant 3, mRNA; gi|325296974|ref|NM\_001204746.1| Homo sapiens cadherin 16, KSP-cadherin  
1) 1, 145kDa (RFC1), transcript variant 1, mRNA;

), transcript variant 3, mRNA; gi|325301079|ref|NR\_037927.1| Homo sapiens signal sequence receptor

; potassium voltage-gated channel, subfamily H (eag-related), member 2 (KCNH2), transcript variant 1, n

ipt variant 2, mRNA;

script variant 2, mRNA;

um binding 1 (SMOC1), transcript variant 1, mRNA;

ant 1, mRNA; gi|325651896|ref|NM\_001077426.2| Homo sapiens zinc finger protein 586 (ZNF586), tra

ant 2, mRNA;

[PTK2B), transcript variant 2, mRNA; gi|325651907|ref|NM\_173174.2| Homo sapiens PTK2B protein tyr  
sium voltage-gated channel, KQT-like subfamily, member 3 (KCNQ3), transcript variant 1, mRNA;

nopeptidase (aminopeptidase P) 3, putative (XPNPEP3), nuclear gene encoding mitochondrial protein, tr  
5651951|ref|NM\_001204834.1| Homo sapiens anoctamin 10 (ANO10), transcript variant 5, mRNA; gi|3

variant 3, mRNA; gi|325651953|ref|NM\_198539.3| Homo sapiens zinc finger protein 568 (ZNF568), tra  
aintenance complex component 4 (MCM4), transcript variant 2, mRNA;

ant 2, mRNA;

.MP-dependent, catalytic) inhibitor alpha (PKIA), transcript variant 2, mRNA;

o sapiens mitochondrial ribosomal protein L30 (MRPL30), transcript variant 3, non-coding RNA;

variant 2, mRNA;

transcript variant 2, mRNA; gi|325652027|ref|NR\_037937.1| Homo sapiens sodium channel modifier 1 (SCN1A), transcript variant 2, mRNA;

transcription elongation factor B (SIII), polypeptide 1 (15kDa, elongin C) (TCEB1), transcript variant 3 (number 6) (FAS), transcript variant 4, non-coding RNA; gi|325652054|ref|NR\_028034.2| Homo sapiens Fas

transcript variant 1, mRNA;

transcript variant 1, mRNA; gi|325652072|ref|NM\_001001433.2| Homo sapiens syntaxin 16 (STX16), transcript variant 1, mRNA;

transcript variant 2, mRNA; gi|325652089|ref|NM\_007207.4| Homo sapiens dual specificity phosphatase 1 (PPP4C), transcript variant 2, mRNA;

prosome (prosome, macropain) 26S subunit, non-ATPase, 10 (PSMD10), transcript variant 2, mRNA;

variant 3, mRNA; gi|63003926|ref|NM\_024663.3| Homo sapiens aminopeptidase-like 1 (NPEPL1), transcript variant 3, mRNA;

transcript variant 2, non-coding RNA;

signaling pathway protein 1 (WISP1), transcript variant 3, mRNA; gi|325910841|ref|NM\_080838.2| Homo sapiens WISP1, transcript variant 3, mRNA;

transcript variant 1, mRNA;

transcript variant 2, mRNA;

transcript variant PSP94, mRNA;

ubiquitin domain containing protein 2 (NSUN2), transcript variant 2, mRNA; gi|301336153|ref|NM\_017755.5| Homo sapiens NOD1 (UBE2D1), transcript variant 1, mRNA;

lipid congenital lipodystrophy 2 (seipin) (BSCL2), transcript variant 2, mRNA; gi|325910876|ref|NM\_001101101.1| Homo sapiens RAB43, transcript variant 2, mRNA; gi|325910900|ref|NM\_001204888.1| Homo sapiens RAB43, transcript variant 2, mRNA;

aldehyde dehydrogenase 2 family (mitochondrial) (ALDH2), nuclear gene encoding family member 19 (TM4SF19), transcript variant 3, mRNA; gi|325974473|ref|NM\_138461.3| Homo sapiens TM4SF19, transcript variant 3, mRNA;

factor related protein 3 (C1QTNF3), transcript variant 1, mRNA;

DU), transcript variant 1, mRNA;

, transcript variant 3, mRNA; gi|326320047|ref|NM\_001204961.1| Homo sapiens pre-B-cell leukemia h

L20|ref|NM\_000167.5| Homo sapiens glycerol kinase (GK), transcript variant 2, mRNA; gi|326381121|r  
ain 19 (TTC19), transcript variant 1, mRNA;

agy related 13 homolog (*S. cerevisiae*) (ATG13), transcript variant 5, mRNA; gi|326807037|ref|NM\_014

ubunit (HIF3A), transcript variant 4, mRNA; gi|326807021|ref|NM\_022462.4| Homo sapiens hypoxia inc  
sapiens leucine rich transmembrane and O-methyltransferase domain containing (LRTOMT), transcript v  
i|326937453|ref|NR\_026550.2| Homo sapiens brain protein 44 (BRP44), transcript variant 3, non-codir  
, transcript variant 1, mRNA;

.NA;

rier family 19 (folate transporter), member 1 (SLC19A1), transcript variant 2, mRNA; gi|327199312|ref|i

'1), transcript variant 1, mRNA; gi|25121983|ref|NM\_170609.1| Homo sapiens cysteine-rich secretory |

se long-chain family member 6 (ACSL6), transcript variant 3, mRNA; gi|327412326|ref|NM\_001205250.

|NM\_001205255.1| Homo sapiens occludin (OCLN), transcript variant 3, mRNA;

te synthase 1, mitochondrial (CPS1), nuclear gene encoding mitochondrial protein, transcript variant 1, r  
mRNA;

D54B), transcript variant 3, mRNA; gi|371502132|ref|NM\_001205262.2| Homo sapiens RAD54 homolo  
mRNA;

, 7 (PCDHGB7), transcript variant 2, mRNA;

l1), transcript variant 1, mRNA;

se, Mg<sup>2+</sup>/Mn<sup>2+</sup> dependent, 1M (PPM1M), transcript variant 2, mRNA;  
nescent cell antigen-like domains 3-like (LIMS3L), transcript variant 1, mRNA;

the synapse (RAPSN), transcript variant 2, mRNA;

pt variant 2, non-coding RNA; gi|328802709|ref|NR\_038104.1| Homo sapiens trans-2,3-enoyl-CoA redi  
nt beta, mRNA; gi|328887887|ref|NM\_138316.3| Homo sapiens pantothenate kinase 1 (PANK1), trans  
07246 (LOC100507246), transcript variant 1, non-coding RNA; gi|328887932|ref|NR\_038110.1| Homo  
ariant 1, mRNA; gi|328887950|ref|NM\_001205316.1| Homo sapiens STEAP family member 4 (STEAP4)  
tion factor, RNA polymerase I (TTF1), transcript variant 1, mRNA;  
tin type III and laminin G domains (EGFLAM), transcript variant 5, mRNA; gi|328927007|ref|NM\_18279

ine exocytosis 4 (RIMS4), transcript variant 2, mRNA;  
:ranscript variant 1, mRNA;

n channel, voltage-dependent, R type, alpha 1E subunit (CACNA1E), transcript variant 3, mRNA; gi|3296  
, transcript variant 1, mRNA; gi|32967275|ref|NM\_181762.1| Homo sapiens ubiquitin-conjugating enz

ctor related protein 6 (C1QTNF6), transcript variant 2, mRNA;



inc finger domain, 1A (BAZ1A), transcript variant 1, mRNA;

regulated during skeletal muscle growth 5 homolog (mouse) (USMG5), transcript variant 3, mRNA; gi|330864706|ref|NM\_020829.3| Homo sapiens nuclear envelope 1 (SYNE1), transcript variant 1, mRNA;

MO1), transcript variant 1, mRNA; gi|330688433|ref|NM\_001206480.1| Homo sapiens engulfment and lysosome, macropain) subunit, alpha type, 3 (PSMA3), transcript variant 1, mRNA; gi|330688470|ref|NR\_001206480.1| Homo sapiens (actin filament) muscle Z-line, beta (CAPZB), transcript variant 4, non-coding RNA; gi|257471022|ref|NM\_001206480.1| Homo sapiens caspase-10-related cysteine peptidase (CASP10), transcript variant 1, mRNA; gi|330864677|ref|NM\_032976.3| Homo sapiens KIAA1432 (KIAA1432), transcript variant 1, mRNA; gi|330864706|ref|NM\_020829.3| Homo sapiens KIAA1432 (KIAA1432), transcript variant 1, mRNA; gi|330864728|ref|NM\_001206559.1| Homo sapiens polr1d, 16kDa (POLR1D), transcript variant 1, mRNA; gi|330864728|ref|NM\_001206559.1| Homo sapiens polr1d VPS10 domain containing receptor 1 (SORCS1), transcript variant 4, mRNA; gi|331028409|ref|NM\_001206559.1| Homo sapiens DNAJB5, subfamily B, member 5 (DNAJB5), transcript variant 2, mRNA; gi|330864771|ref|NM\_001135005.2| Homo sapiens DNAJB5 (DNAJB5), transcript variant alpha, mRNA; gi|330864786|ref|NM\_138633.2| Homo sapiens A kinase (PRK) (PRK), transcript variant 3, non-coding RNA; gi|330864754|ref|NM\_001135734.2| Homo sapiens zinc finger protein 384 (ZNF384), transcript variant 1, mRNA;

[UNK], transcript variant 1, mRNA;

variant 3, mRNA; gi|331028575|ref|NM\_001025201.3| Homo sapiens chimerin (chimaerin) 1 (CHN1), transcript variant 1, mRNA;

nRNA; gi|331028759|ref|NM\_001206616.1| Homo sapiens ets homologous factor (EHF), transcript variant 1, mRNA;

lin B1 (SH3GLB1), transcript variant 2, mRNA; gi|331284173|ref|NM\_001206653.1| Homo sapiens SH3 domain containing protein 1 (SH3BP1), transcript variant 1, mRNA;

g frame 31 (C1orf31), transcript variant 1, mRNA;

specific beta-1-glycoprotein 7 (gene/pseudogene) (PSG7), transcript variant 1, mRNA;

), transcript variant 1, mRNA; gi|331284179|ref|NM\_001206654.1| Homo sapiens nuclear receptor corepressor 1 (NRCO1), transcript variant 1, mRNA;

nscribed tetratricopeptide repeat gene, Y-linked (UTY), transcript variant 2, mRNA; gi|33188430|ref|NM\_001206654.1| Homo sapiens tetratricopeptide repeat gene, Y-linked (UTY), transcript variant 2, mRNA;

2 (PRDX2), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;  
BE2D2), transcript variant 1, mRNA;

r X, 4 (influences HLA class II expression) (RFX4), transcript variant 3, mRNA; gi|331999964|ref|NM\_03:

ript variant 1, mRNA;

d cysteine peptidase (CASP2), transcript variant 1, mRNA; gi|320461587|ref|NM\_032983.3| Homo sap  
ily 4, group A, member 3 (NR4A3), transcript variant 1, mRNA; gi|331999988|ref|NM\_173200.2| Homo  
iant 6, mRNA; gi|331999993|ref|NM\_001206702.1| Homo sapiens SP100 nuclear antigen (SP100), tran

rotein L42 (MRPL42), transcript variant 5, non-coding RNA; gi|332000002|ref|NM\_014050.3| Homo sapi  
associated factor 6, E3 ubiquitin protein ligase (TRAF6), transcript variant 1, mRNA;  
i kinase, AMP-activated, gamma 1 non-catalytic subunit (PRKAG1), transcript variant 3, mRNA; gi|33200

t variant 2, mRNA; gi|19718761|ref|NM\_130838.1| Homo sapiens ubiquitin protein ligase E3A (UBE3A)  
cript variant 4, mRNA; gi|332078464|ref|NR\_038164.1| Homo sapiens NSFL1 (p97) cofactor (p47) (NSFL  
v-akt murine thymoma viral oncogene homolog 3 (protein kinase B, gamma) (AKT3), transcript variant :  
r, 23kDa (SNAP23), transcript variant 1, mRNA;  
dehydrogenase 1 (HSD11B1), transcript variant 3, mRNA; gi|332078474|ref|NM\_181755.2| Homo sapi

family (RAB27A), transcript variant 2, mRNA; gi|332078501|ref|NM\_004580.4| Homo sapiens RAB27A,  
JBE2L6), transcript variant 2, mRNA;

n 3 (SCAMP3), transcript variant 1, mRNA;

ref|NM\_001233.4| Homo sapiens caveolin 2 (CAV2), transcript variant 1, mRNA; gi|332164663|ref|NM

rier family 22 (organic anion transporter), member 6 (SLC22A6), transcript variant 1, mRNA; gi|3321647  
ase 8 (alpha (1,6) fucosyltransferase) (FUT8), transcript variant 3, mRNA; gi|332078494|ref|NM\_17815  
ription factor IIIC, polypeptide 3, 102kDa (GTF3C3), transcript variant 1, mRNA;

serine 13 (TMPRSS13), transcript variant 1, mRNA; gi|350529376|ref|NM\_001244995.1| Homo sapiens  
variant 6, mRNA; gi|332164780|ref|NM\_001206799.1| Homo sapiens pyruvate kinase, muscle (PKM2),  
1) 5, 36.5kDa (RFC5), transcript variant 4, mRNA; gi|332205901|ref|NM\_181578.3| Homo sapiens repl  
ise kinase 5 (MAP2K5), transcript variant 2, mRNA; gi|332164797|ref|NM\_001206804.1| Homo sapiens  
tein 3 (TP53I3), transcript variant 1, mRNA; gi|332205879|ref|NM\_147184.3| Homo sapiens tumor pro

ipt variant 1, mRNA; gi|332205925|ref|NM\_006388.3| Homo sapiens K(lysine) acetyltransferase 5 (KAT  
ne family (RAB11A), transcript variant 2, mRNA;  
ein tyrosine phosphatase, receptor-type, Z polypeptide 1 (PTPRZ1), transcript variant 3, mRNA; gi|91208  
, transcript variant 1, mRNA; gi|332205946|ref|NM\_001206840.1| Homo sapiens trans-golgi network p

; mRNA; gi|332205962|ref|NM\_001206845.1| Homo sapiens germ cell associated 1 (GSG1), transcript variant 1, mRNA; gi|256222931|ref|NR\_028319.1| Homo sapiens neuroligin 4, Y-linked (NLGN4Y), transcript

: variant 5, non-coding RNA; gi|50428936|ref|NM\_023925.3| Homo sapiens caprin family member 2 (C  
Homo sapiens CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase 1 (C

in 5 (PRDX5), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|332309157|r  
RNA; gi|332309221|ref|NM\_181359.2| Homo sapiens interleukin 6 receptor (IL6R), transcript variant 2  
Homo sapiens solute carrier family 14 (urea transporter), member 1 (Kidd blood group) (SLC14A1), transcript varia

NA;

script variant 1, mRNA;

gration site 1 homolog (MRVI1), transcript variant 3, mRNA; gi|332634577|ref|NM\_130385.3| Homo sa  
1 family, member A2 (ALDH1A2), transcript variant 3, mRNA; gi|332634710|ref|NM\_001206897.1| Hc  
nan T-cell leukemia virus type I) binding protein 1 (TAX1BP1), transcript variant 1, mRNA; gi|332634743  
nt 1, mRNA;  
nel, voltage-dependent, beta 3 subunit (CACNB3), transcript variant 4, mRNA; gi|332634849|ref|NM\_00

age-gated, type VII, alpha subunit (SCN7A), transcript variant 2, non-coding RNA;

4933|ref|NM\_175862.4| Homo sapiens CD86 molecule (CD86), transcript variant 1, mRNA; gi|3326349

e similarity 115, member A (FAM115A), transcript variant 3, mRNA; gi|332635044|ref|NM\_001206938.  
proteoglycan 5 (neuroglycan C) (CSPG5), transcript variant 1, mRNA; gi|332635059|ref|NM\_001206942

ositol binding clathrin assembly protein (PICALM), transcript variant 1, mRNA; gi|332688230|ref|NM\_00

transcript variant 2, mRNA; gi|332688254|ref|NM\_015900.3| Homo sapiens phospholipase A1 membe  
osylation end product-specific receptor (AGER), transcript variant 2, mRNA; gi|332800963|ref|NM\_001:  
Homo sapiens solute carrier family 16, member 3 (monocarboxylic acid transporter 4) (SLC16A3), transcript vari

atase, receptor type, B (PTPRB), transcript variant 2, mRNA; gi|332800996|ref|NM\_001109754.2| Hom

l|ref|NM\_001206955.1| Homo sapiens contactin 4 (CNTN4), transcript variant 4, mRNA; gi|332688246

26 (C4orf26), transcript variant 5, non-coding RNA; gi|379991116|ref|NM\_001257072.1| Homo sapien  
ranscript variant 3, mRNA; gi|332801036|ref|NM\_001206985.1| Homo sapiens methyltransferase like

subfamily 1, group H, member 4 (NR1H4), transcript variant 1, mRNA; gi|332801016|ref|NM\_001206972| Homo sapiens  
atase 2, regulatory subunit B, gamma (PPP2R2C), transcript variant 2, mRNA; gi|332801072|ref|NM\_001206972| Homo sapiens  
ame 22 (C4orf22), transcript variant 2, mRNA;  
mRNA;  
serine/threonine kinase 21) (CIT), transcript variant 2, mRNA;

rain family, member 14 (CARD14), transcript variant 1, mRNA;  
ar ribonucleoprotein D-like (HNRPDL), transcript variant 4, mRNA; gi|332801092|ref|NR\_003249.2| Homo sapiens

ns solute carrier family 7 (amino acid transporter light chain, L system), member 8 (SLC7A8), transcript variant 1, mRNA;

, mRNA;  
peptide-associated complex alpha subunit (NACA), transcript variant 4, mRNA; gi|350994450|ref|NR\_001207014.1| Homo sapiens  
omo sapiens solute carrier family 6 (neurotransmitter transporter, betaine/GABA), member 12 (SLC6A12), transcript variant 1, mRNA;

ant 1, mRNA; gi|333033796|ref|NM\_013406.2| Homo sapiens deoxyhypusine synthase (DHPS), transcript variant 1, mRNA;  
osyltransferase 2 family, polypeptide B28 (UGT2B28), transcript variant 1, mRNA;  
ant 2, mRNA;  
(CNTFR), transcript variant 3, mRNA; gi|333108226|ref|NM\_147164.2| Homo sapiens ciliary neurotrophic factor receptor, alpha 1, non-coding RNA;  
, transcript variant 1, non-coding RNA;  
atase, non-receptor type 2 (PTPN2), transcript variant 2, mRNA; gi|333108233|ref|NM\_080423.2| Homo sapiens  
n-coding RNA; gi|333108244|ref|NR\_038206.1| Homo sapiens tospeak (LOC100616530), transcript variant 1, non-coding RNA;  
sphatase, receptor type, R (PTPRR), transcript variant 4, mRNA; gi|333108252|ref|NM\_130846.2| Homo sapiens

transcript variant 2, non-coding RNA;  
\_001207014.1| Homo sapiens serpin peptidase inhibitor, clade H (heat shock protein 47), member 1, (cysteine proteinase inhibitor 1) (SERPINC1), transcript variant 1, mRNA; gi|333360855|ref|NM\_001207017.1| Homo sapiens smoothelin (SMTN), transcript variant 4, mRNA; gi|333360855|ref|NM\_001207017.1| Homo sapiens  
ant 1, mRNA;  
ene (IQCF4), transcript variant 3, non-coding RNA; gi|333360864|ref|NR\_038213.1| Homo sapiens IQ motif containing protein 4 (IQCF4), transcript variant 3, non-coding RNA;

:154092), transcript variant 3, non-coding RNA; gi|333360884|ref|NR\_038216.1| Homo sapiens uncharacterized protein 154 (LOC154092), transcript variant 3, non-coding RNA;

ise RNA 1 (non-protein coding) (ZNF503-AS1), transcript variant 2, non-coding RNA; gi|333360900|ref|NR\_038217.1| Homo sapiens

06451 (LOC100506451), transcript variant 2, non-coding RNA;

ate receptor (cation dependent) (M6PR), transcript variant 1, mRNA;

E3 ubiquitin protein ligase (RNF40), transcript variant 3, mRNA; gi|333440439|ref|NM\_001207033.1|

rotein 2 (CLASP2), transcript variant 1, mRNA;

1), transcript variant f, mRNA; gi|333440463|ref|NM\_138972.3| Homo sapiens beta-site APP-cleaving

transferase 3 beta (DNMT3B), transcript variant 2, mRNA; gi|333440488|ref|NM\_001207056.1| Homo

07629 (LOC100507629), transcript variant 1, non-coding RNA;

ng frame 23 (C22orf23), transcript variant 1, mRNA;

07557 (LOC100507557), transcript variant 2, non-coding RNA; gi|333470698|ref|NR\_038244.1| Homo

; receptor (CXADR), transcript variant 5, mRNA; gi|333470702|ref|NM\_001207063.1| Homo sapiens co

07433 (LOC100507433), transcript variant 3, non-coding RNA; gi|333470711|ref|NR\_038248.1| Homo

ains 1 (BZW1), transcript variant 3, mRNA; gi|333470718|ref|NM\_001207068.1| Homo sapiens basic le

aining 7A pseudogene (LOC100288637), transcript variant 3, non-coding RNA; gi|333470725|ref|NR\_03

170733|ref|NM\_016135.3| Homo sapiens ets variant 7 (ETV7), transcript variant 1, mRNA; gi|33347074

hosphoinositide-specific) (PLCB1), transcript variant 1, mRNA;

VA; gi|6715562|ref|NM\_001142.2| Homo sapiens amelogenin, X-linked (AMELX), transcript variant 1, n

NM\_182690.2| Homo sapiens ephrin-A4 (EFNA4), transcript variant 3, mRNA;  
E2E3), transcript variant 1, mRNA;  
se, receptor type, O (PTPRO), transcript variant 6, mRNA; gi|333609223|ref|NM\_030671.2| Homo sapi  
ns junctions transmembrane protein (VEZT), transcript variant 1, mRNA; gi|333609227|ref|NR\_038242  
ence similarity 181, member A (FAM181A), transcript variant 5, mRNA; gi|333609232|ref|NM\_001207C

ame 96 (C20orf96), transcript variant 2, mRNA;  
is transient receptor potential cation channel, subfamily M, member 2 (TRPM2), transcript variant 1, mF

ranscript variant 2, non-coding RNA;

human immunodeficiency virus type I enhancer binding protein 3 (HIVEP3), transcript variant 1, mRNA;  
ding frame 152 (C20orf152), transcript variant 2, mRNA;

ript variant 4, mRNA; gi|333609285|ref|NM\_001207053.1| Homo sapiens kallikrein-related peptidase  
nt 4, mRNA; gi|333805604|ref|NM\_001214909.1| Homo sapiens zinc finger protein 48 (ZNF48), transc

L5|ref|NM\_001220474.1| Homo sapiens protein tyrosine phosphatase, receptor type, f polypeptide (PT

06866 (LOC100506866), transcript variant 1, non-coding RNA;  
; gi|333805641|ref|NM\_170674.3| Homo sapiens Meis homeobox 2 (MEIS2), transcript variant b, mRN  
06874 (LOC100506874), transcript variant 2, non-coding RNA;

ipt variant 1, mRNA;

H13), transcript variant 2, mRNA; gi|333944011|ref|NM\_001257.4| Homo sapiens cadherin 13, H-cadherin  
e/reductase (SDR family) member 7C (DHRS7C), transcript variant 1, mRNA;  
07173 (LOC100507173), transcript variant 3, non-coding RNA; gi|333944029|ref|NR\_038292.1| Homo  
07194 (LOC100507194), transcript variant 1, non-coding RNA;

ctase (WWOX), transcript variant 2, mRNA; gi|333944036|ref|NM\_130844.2| Homo sapiens WW dom:  
TL1), transcript variant 1, mRNA; gi|334085168|ref|NM\_001220496.1| Homo sapiens glycine-N-acyltr:

06930 (LOC100506930), transcript variant 2, non-coding RNA;

06994 (LOC100506994), transcript variant 1, non-coding RNA; gi|333944046|ref|NR\_038282.1| Homo

RNA 1 (non-protein coding) (TEX26-AS1), transcript variant 1, non-coding RNA;

05687 (LOC100505687), transcript variant 2, non-coding RNA;

05702 (LOC100505702), transcript variant 5, non-coding RNA; gi|334085192|ref|NR\_038304.1| Homo

f IgE, low affinity II, receptor for (CD23) (FCER2), transcript variant 3, mRNA; gi|221136804|ref|NM\_002  
s) (IKZF1), transcript variant 11, mRNA; gi|334085207|ref|NM\_006060.4| Homo sapiens IKAROS family  
05746 (LOC100505746), transcript variant 4, non-coding RNA; gi|334085235|ref|NR\_038313.1| Homo  
: kinase inhibitor 1A (p21, Cip1) (CDKN1A), transcript variant 5, mRNA; gi|310832423|ref|NM\_078467.2

uclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|334085247|ref|NM\_00124:  
t variant 2, mRNA; gi|334085253|ref|NM\_001199687.2| Homo sapiens ectodysplasin A2 receptor (ED/

r 124A (FAM124A), transcript variant 1, mRNA;

d protein kinase kinase kinase 13 (MAP3K13), transcript variant 2, mRNA; gi|334085273|ref|NM\_00124  
r, family 51, subfamily B, member 5 (OR51B5), transcript variant 2, non-coding RNA;

05776 (LOC100505776), transcript variant 1, non-coding RNA;

|334191690|ref|NM\_001242334.1| Homo sapiens LIM homeobox 6 (LHX6), transcript variant 4, mRNA,  
containing 2B (ATAD2B), transcript variant 1, mRNA;  
script variant 2, mRNA;  
pt variant 3, non-coding RNA; gi|334191702|ref|NR\_038327.1| Homo sapiens tektin 4 pseudogene 2 (T





001|ref|NM\_017899.3| Homo sapiens tescalcin (TESC), transcript variant 1, mRNA;

t 1, mRNA; gi|334724433|ref|NM\_001009991.3| Homo sapiens synaptotagmin-like 3 (SYTL3), transcript variant 1, mRNA; gi|334724433|ref|NM\_001009991.3| Homo sapiens synaptotagmin-like 3 (SYTL3), transcript variant 1, mRNA; gi|334724433|ref|NM\_001009991.3| Homo sapiens synaptotagmin-like 3 (SYTL3), transcript variant 1, mRNA;

imilarity 59, member A (FAM59A), transcript variant 1, mRNA;

or (AHRR), transcript variant 2, mRNA;

nt 1, mRNA;

nt 9, non-coding RNA; gi|334848138|ref|NM\_001242417.1| Homo sapiens WD repeat domain 20 (WDR20), transcript variant 1, mRNA;

id protein 7 (GRB7), transcript variant 2, mRNA; gi|334883160|ref|NM\_001242443.1| Homo sapiens grb7 (GRB7), transcript variant 2, mRNA;

sapiens leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 5 (LILRA5), transcript variant 1, mRNA; gi|334883160|ref|NM\_001242443.1| Homo sapiens leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 5 (LILRA5), transcript variant 1, mRNA;

nger 1, E3 ubiquitin protein ligase (MGRN1), transcript variant 4, mRNA; gi|334883179|ref|NM\_001142417.1| Homo sapiens MGRN1, transcript variant 4, mRNA; gi|334883179|ref|NM\_001142417.1| Homo sapiens MGRN1, transcript variant 4, mRNA; gi|334883186|ref|NM\_001135862.2| Homo sapiens PHD finger protein 21B (PHF21B), transcript variant 1, mRNA;

pt variant 3, mRNA; gi|335057511|ref|NM\_001242403.2| Homo sapiens growth hormone receptor (GHRHR), transcript variant 3, mRNA;

A; gi|335057518|ref|NM\_148177.2| Homo sapiens F-box protein 32 (FBXO32), transcript variant 2, mRNA; gi|335057521|ref|NM\_001242476.1| Homo sapiens PPP1R1B, transcript variant 3, mRNA; gi|335057521|ref|NM\_001242476.1| Homo sapiens PPP1R1B, transcript variant 3, mRNA;

ant 4, mRNA; gi|335057554|ref|NM\_001242476.1| Homo sapiens zinc finger protein 345 (ZNF345), transcript variant 4, mRNA;

WD repeat domain containing 1 (BRWD1), transcript variant 1, mRNA; gi|335057561|ref|NM\_033656.1| Homo sapiens BRWD1, transcript variant 1, mRNA;

fective 3 homolog B (C. elegans) (PARD3B), transcript variant b, mRNA; gi|335057571|ref|NM\_057177.1| Homo sapiens PARD3B, transcript variant b, mRNA; gi|33519427|ref|NM\_182742.1| Homo sapiens thioredoxin reductase 1 (TXNRD1), transcript variant 3, mRNA;

eta (MAT2B), transcript variant 2, mRNA;

ticodon binding domain containing 1 (FDXACB1), transcript variant 2, non-coding RNA;

otic translation initiation factor 1A domain containing (EIF1AD), transcript variant 4, mRNA; gi|33533451|ref|NM\_001242476.1| Homo sapiens EIF1AD, transcript variant 4, mRNA;

ipt variant 1, mRNA; gi|335334956|ref|NM\_022477.3| Homo sapiens NDRG family member 3 (NDRG3)

335334960|ref|NM\_015037.3| Homo sapiens KIAA0913 (KIAA0913), transcript variant 1, mRNA;  
e similarity 156, member A (FAM156A), transcript variant 9, mRNA; gi|335334979|ref|NM\_001242495.  
anscript variant 4, mRNA; gi|335334990|ref|NM\_020679.3| Homo sapiens MIF4G domain containing (M

script variant 1, mRNA;

erase 20, NatB catalytic subunit (NAA20), transcript variant 2, mRNA; gi|335335008|ref|NM\_016100.4|

o sapiens HOXA transcript antisense RNA, myeloid-specific 1 (non-protein coding) (HOTAIRM1), transcrip  
07605 (LOC100507605), transcript variant 3, non-coding RNA; gi|335353777|ref|NR\_038375.1| Homo  
(DIO2), transcript variant 3, mRNA; gi|335353780|ref|NM\_000793.5| Homo sapiens deiodinase, iodothyronine  
L1A), transcript variant 2, mRNA; gi|335353787|ref|NM\_001242508.1| Homo sapiens oxysterol binding

CORO2B), transcript variant 2, mRNA; gi|299473741|ref|NM\_001190457.1| Homo sapiens coronin, actin-binding

e (AATK), transcript variant 1, mRNA;

mpatibility complex, class II, DP alpha 1 (HLA-DPA1), transcript variant 3, mRNA; gi|335883184|ref|NM\_001080801.1|  
, transcript variant 1, mRNA;  
ing complex subunit 16 (ANAPC16), transcript variant 1, mRNA; gi|335892805|ref|NR\_038392.1| Homo sapiens

or superfamily domain containing 11 (MFSD11), transcript variant 1, mRNA; gi|335892876|ref|NM\_024

3 (SCARA3), transcript variant 2, mRNA;  
2L1), transcript variant 2, mRNA;  
iant 1, mRNA;

vated protein kinase kinase kinase kinase 4 (MAP4K4), transcript variant 5, mRNA; gi|336020352|ref|NI

nt 1, mRNA;

r expressed on myeloid cells 1 (TREM1), transcript variant 3, mRNA; gi|336088655|ref|NM\_018643.3| H

06779 (LOC100506779), transcript variant 6, non-coding RNA; gi|336176046|ref|NR\_038413.1| Homo

17), transcript variant 1, mRNA; gi|336176057|ref|NM\_001242597.1| Homo sapiens transmembrane pr  
06054 (LOC100506054), transcript variant 3, non-coding RNA; gi|336176067|ref|NR\_038429.1| Homo

t 2, mRNA; gi|296317365|ref|NM\_134445.3| Homo sapiens CD99 molecule-like 2 (CD99L2), transcript  
or 2-like export factor 2 (NXT2), transcript variant 2, mRNA; gi|336176108|ref|NM\_018698.4| Homo sa

30231 (LOC100130231), transcript variant 2, non-coding RNA;  
3440288), transcript variant 1, non-coding RNA;  
oxidoreductase domain containing 1 (GFOD1), transcript variant 3, mRNA; gi|336285271|ref|NR\_0384

128420 (LOC100128420), transcript variant 1, non-coding RNA;

transcript variant 5, mRNA; gi|336285427|ref|NM\_018406.6| Homo sapiens mucin 4, cell surface associa  
M1), transcript variant 5, mRNA; gi|336285433|ref|NM\_000615.6| Homo sapiens neural cell adhesion r

130197 (LOC100130197), transcript variant 1, non-coding RNA;  
isomerase, NIMA-interacting 1 (PIN1), transcript variant 2, non-coding RNA; gi|336285457|ref|NR\_038

er antisense RNA 3 (non-protein coding) (HOXA-AS3), transcript variant 1, non-coding RNA;

6285461|ref|NM\_078481.3| Homo sapiens CD97 molecule (CD97), transcript variant 1, mRNA;

complex, subunit 3 (BRCC3), transcript variant 3, mRNA; gi|336285484|ref|NM\_001018055.2| Homo s

family (RAB2A), transcript variant 2, mRNA;

g RNA;

l (PHACTR1), transcript variant 1, mRNA;

ylmaleimide-sensitive factor attachment protein, alpha (NAPA), transcript variant 1, mRNA; gi|3363911  
ript variant 4, mRNA; gi|336391161|ref|NM\_001242639.1| Homo sapiens interleukin 31 receptor A (IL:

rtigen-like domains 1 (LIMS1), transcript variant 4, mRNA; gi|336455030|ref|NM\_001193485.2| Homo

orf91 overlapping transcript 1 (non-protein coding) (C21orf91-OT1), transcript variant 1, non-coding RN

RNA 1 (non-protein coding) (GCFC1-AS1), transcript variant 2, non-coding RNA;

06385 (LOC100506385), transcript variant 2, non-coding RNA;

-CYL1), transcript variant 3, mRNA; gi|336455093|ref|NM\_006621.5| Homo sapiens adenosylhomocys

\ 1 (non-protein coding) (CBR3-AS1), transcript variant 2, non-coding RNA; gi|336455110|ref|NR\_03889

se RNA 1 (non-protein coding) (DSCAM-AS1), transcript variant 4, non-coding RNA; gi|336455127|ref|N

rovirus group MER34, member 1 (ERVMER34-1), transcript variant 1, mRNA;

amily 14 (urea transporter), member 2 (SLC14A2), transcript variant 1, mRNA;

340037), transcript variant 1, non-coding RNA;

05761 (LOC100505761), transcript variant 2, non-coding RNA;

06025 (LOC100506025), transcript variant 1, non-coding RNA;  
IA;

06195 (LOC100506195), transcript variant 2, non-coding RNA;  
script variant 2, mRNA;

ICST), transcript variant 2, mRNA;

06409 (LOC100506409), transcript variant 1, non-coding RNA; gi|337298298|ref|NR\_038963.1| Homo

283624), transcript variant 2, non-coding RNA;

06207 (LOC100506207), transcript variant 2, non-coding RNA;

06134 (LOC100506134), transcript variant 2, non-coding RNA;  
ant 1, mRNA;

06343 (LOC100506343), transcript variant 1, non-coding RNA;

06714 (LOC100506714), transcript variant 2, non-coding RNA;  
; low density lipoprotein receptor-related protein 8, apolipoprotein e receptor (LRP8), transcript variant  
mplex, class I, A (HLA-A), transcript variant 2, mRNA;



06229 (LOC100506229), transcript variant 1, non-coding RNA; gi|337756402|ref|NR\_039977.1| Homo

i|337756494|ref|NM\_015440.4| Homo sapiens methylenetetrahydrofolate dehydrogenase (NADP+ de

100507404), miscRNA;













(Drosophila) homolog-associated protein 1 (DLGAP1), transcript variant 3, mRNA; gi|338221679|ref|NI

161B antisense RNA 1 (non-protein coding) (TMEM161B-AS1), transcript variant 3, non-coding RNA; gi|:

V139), transcript variant 5, mRNA; gi|338221713|ref|NM\_001242774.1| Homo sapiens transmembran  
401074), transcript variant 1, non-coding RNA;



8 (LOC100506388), transcript variant 2, non-coding RNA;

CAPN1), transcript variant 1, mRNA; gi|311893361|ref|NM\_005186.3| Homo sapiens calpain 1, (mu/I) inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta (IKBKB), transcript variant 5, non-voltage-gated 1, delta subunit (SCNN1D), transcript variant 2, non-coding RNA;

if musculoaponeurotic fibrosarcoma oncogene homolog G (avian) (MAFG), transcript variant 2, mRNA;

EM50B), transcript variant 1, mRNA;

transcript variant 1, mRNA;

785.1| Homo sapiens holocarboxylase synthetase (biotin-(propionyl-CoA-carboxylase (ATP-hydrolysing)

42789.1| Homo sapiens BRF1 homolog, subunit of RNA polymerase III transcription initiation factor IIIB  
07410 (LOC100507410), transcript variant 1, non-coding RNA;

RNA; gi|338753430|ref|NM\_001242796.1| Homo sapiens nucleoporin 93kDa (NUP93), transcript variant 1, mRNA;  
ription activator 1 (CAMTA1), transcript variant 4, non-coding RNA; gi|307133747|ref|NM\_001195563.

variant 4, mRNA; gi|338753417|ref|NM\_024639.4| Homo sapiens zinc finger protein 322 (ZNF322), tra

174), non-coding RNA;

284408), transcript variant 1, non-coding RNA;

variant 3, mRNA; gi|338797721|ref|NM\_001242800.1| Homo sapiens zinc finger protein 790 (ZNF790)

), transcript variant 2, mRNA;

06068 (LOC100506068), transcript variant 2, non-coding RNA;  
cript variant 1, mRNA; gi|338797767|ref|NM\_001242810.1| Homo sapiens bromodomain, testis-specif  
script variant 4, mRNA; gi|338797765|ref|NM\_001242809.1| Homo sapiens ankyrin repeat domain 6 (/

pressed in FDCP 8 homolog (mouse) (DEF8), transcript variant 5, mRNA; gi|338797788|ref|NM\_0012428

07495 (LOC100507495), transcript variant 3, non-coding RNA; gi|338797804|ref|NR\_040047.1| Homo  
iant 2, mRNA; gi|338827617|ref|NM\_001242826.1| Homo sapiens ring finger protein 41 (RNF41), tran  
06686 (LOC100506686), transcript variant 3, non-coding RNA; gi|338827622|ref|NR\_040056.1| Homo  
|\_001242827.1| Homo sapiens sirtuin 5 (SIRT5), transcript variant 4, mRNA; gi|338827626|ref|NM\_001

31089 (LOC100131089), transcript variant 2, non-coding RNA; gi|338827635|ref|NR\_040062.1| Homo

script variant 4, mRNA; gi|338827645|ref|NM\_001242828.1| Homo sapiens ELOVL fatty acid elongase

87616 (LOC100287616), transcript variant 1, non-coding RNA; gi|338827655|ref|NR\_040067.1| Homo

factor GTPase activating protein 2 (ARFGAP2), transcript variant 2, mRNA;

nsript variant 7, mRNA; gi|338827671|ref|NM\_001242834.1| Homo sapiens NDRG family member 4 (/

87225 (LOC100287225), transcript variant 1, non-coding RNA;  
rotein complex 2, alpha 2 subunit (AP2A2), transcript variant 2, mRNA;

transcript variant 11, mRNA; gi|338827705|ref|NM\_001130519.2| Homo sapiens zinc finger protein 195 (ZNF195), transcript variant 11, mRNA; gi|338827705|ref|NM\_001130519.2|

transcript variant 1, mRNA; gi|55953062|ref|NM\_001007259.1| Homo sapiens SET domain containing 4 (SETD4), transcript variant 1, mRNA; gi|55953062|ref|NM\_001007259.1|

transcript variant 2, mRNA; gi|338827747|ref|NM\_001242855.1| Homo sapiens interacting protein 2 (ARFIP2), transcript variant 2, mRNA; gi|338827747|ref|NM\_001242855.1|

transcript variant 6, mRNA; gi|338827760|ref|NM\_001242860.1| Homo sapiens cytochrome P450, family 21, subfamily A, polypeptide 1 pseudogene (CYP21A1P), miscRNA; gi|338827760|ref|NM\_001242860.1|

transcript variant 3, mRNA; gi|189027047|ref|NM\_001127615.1| Homo sapiens endothelial nitric oxide synthase 1 (ENOX1), transcript variant 3, mRNA; gi|189027047|ref|NM\_001127615.1|

transcript variant 2, non-coding RNA; gi|338968844|ref|NM\_001242866.1| Homo sapiens protein arginine methyltransferase 2 (PRMT2), transcript variant 2, mRNA; gi|338968844|ref|NM\_001242866.1|

transcript variant 2, mRNA; gi|338968850|ref|NM\_201647.2| Homo sapiens interacting protein (MPRIIP), transcript variant 2, mRNA; gi|338968850|ref|NM\_201647.2|

transcript variant 1, mRNA; gi|338968850|ref|NM\_201647.2| Homo sapiens killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 2 (KIR3DL2), transcript variant 1, mRNA; gi|338968850|ref|NM\_201647.2|

transcript variant 2, mRNA; gi|338968861|ref|NM\_001242869.1| Homo sapiens SLAIN motif family, member 1 (SLAIN1), transcript variant 2, mRNA; gi|338968861|ref|NM\_001242869.1|

transcript variant 3, non-coding RNA; gi|338968868|ref|NM\_057161.3| Homo sapiens kelch domain containing 1 (KLC1), transcript variant 3, non-coding RNA; gi|338968868|ref|NM\_057161.3|

transcript variant 1, mRNA; gi|75709227|ref|NM\_001033582.1| Homo sapiens protein kinase C, zeta (PRKCZ), transcript variant 1, mRNA; gi|75709227|ref|NM\_001033582.1|

transcript variant 7, non-coding RNA; gi|338968886|ref|NM\_018255.2| Homo sapiens elongation factor 2 (S. cerevisiae) (ELP2), transcript variant 7, non-coding RNA; gi|338968886|ref|NM\_018255.2|

transcript variant 5, non-coding RNA; gi|338968900|ref|NM\_001242883.1| Homo sapiens containing (CARKD), transcript variant 5, non-coding RNA; gi|338968900|ref|NM\_001242883.1|

transcript variant 5, mRNA; gi|132814459|ref|NM\_001242883.1| Homo sapiens aromatic L-amino acid decarboxylase (DDC), transcript variant 5, mRNA; gi|132814459|ref|NM\_001242883.1|

transcript variant 4, mRNA; gi|338968926|ref|NM\_007158.5| Homo sapiens containing E1, RNA-binding (CSDE1), transcript variant 4, mRNA; gi|338968926|ref|NM\_007158.5|

transcript variant 1, mRNA; gi|339275805|ref|NM\_182676.2| Homo sapiens phospholipid transfer protein (FPLN), transcript variant 1, mRNA; gi|339275805|ref|NM\_182676.2|

initiation factor 3, subunit L (EIF3L), transcript variant 2, mRNA;  
oiled-coil domain family 2 (TMCC2), transcript variant 1, mRNA;  
variant 3, mRNA; gi|339275838|ref|NM\_001242924.1| Homo sapiens zinc finger protein 410 (ZNF410)

kyrin repeat and sterile alpha motif domain containing 3 (ANKS3), transcript variant 2, mRNA; gi|339275

(AKAP1), transcript variant 3, mRNA; gi|109637793|ref|NM\_003488.3| Homo sapiens A kinase (PRKA) α

ript variant 1, mRNA; gi|339275988|ref|NR\_040241.1| Homo sapiens metallophosphoesterase 1 (MPPE)  
tegrator 1 complex subunit 2 (ASCC2), transcript variant 2, mRNA;

red transforming sequence-like (MCF2L), transcript variant 2, mRNA;  
9276006|ref|NM\_001242909.1| Homo sapiens R-spondin 1 (RSPO1), transcript variant 3, mRNA; gi|339

Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 2 (B4GALT2), transcript variant 1, mRNA; g

SCAN domains 3 (ZKSCAN3), transcript variant 3, mRNA; gi|339276018|ref|NM\_001242894.1| Homo s

pt variant 2, mRNA; gi|339276027|ref|NM\_001242896.1| Homo sapiens DEP domain containing 5 (DEP)  
5, regulatory subunit 2 (PPP6R2), transcript variant 4, mRNA; gi|339276036|ref|NM\_014678.4| Homo s

sociated protein 4 (CTLA4), transcript variant 2, mRNA;  
nscript variant 2, non-coding RNA;  
syn) (STXBP5), transcript variant 1, mRNA;

06), transcript variant 1, mRNA; gi|339276077|ref|NM\_001242918.1| Homo sapiens zinc finger, AN1-ty

1409187|ref|NM\_003099.4| Homo sapiens sorting nexin 1 (SNX1), transcript variant 1, mRNA;

1 (SNCAIP), transcript variant 1, mRNA;

(AKR7L), transcript variant 1, non-coding RNA;

family 8 (sodium/calcium exchanger), member 3 (SLC8A3), transcript variant b, mRNA; gi|33946303|ref

transcript variant 1, mRNA; gi|148536868|ref|NM\_020921.3| Homo sapiens ninein (GSK3B interacting pro

se similarity 47, member E (FAM47E), transcript variant 2, mRNA;

1 (zebrafish) (EPDR1), transcript variant 3, mRNA; gi|345110631|ref|NM\_017549.4| Homo sapiens epe  
|ref|NM\_001788.5| Homo sapiens septin 7 (SEPT7), transcript variant 1, mRNA;  
, transcript variant 1, mRNA; gi|334724435|ref|NM\_001242385.1| Homo sapiens male germ cell-assoc  
cript variant 1, mRNA; gi|339715202|ref|NM\_001134477.2| Homo sapiens poly(A)-specific ribonucleas  
nplex, class I, C (HLA-C), transcript variant 1, mRNA;  
VA;

1 viral oncogene homolog 2 (AKT2), transcript variant 3, mRNA; gi|339895852|ref|NM\_001243027.1| H  
riant 1, mRNA;  
Homo sapiens solute carrier family 7 (amino acid transporter light chain, y+L system), member 7 (SLC7/

ercellular adhesion molecule 4 (Landsteiner-Wiener blood group) (ICAM4), transcript variant 3, mRNA; g  
orting, plasma membrane 4 (ATP2B4), transcript variant 2, mRNA;  
iant 1, mRNA;  
0545507|ref|NM\_001243077.1| Homo sapiens CD28 molecule (CD28), transcript variant 2, mRNA;

is domain transcription factor) (ELF5), transcript variant 4, mRNA; gi|340545515|ref|NM\_001422.3| Ho  
IA; gi|340545540|ref|NM\_021953.3| Homo sapiens forkhead box M1 (FOXM1), transcript variant 2, mF  
340545555|ref|NM\_001243093.1| Homo sapiens FYN binding protein (FYB), transcript variant 3, mRNA  
g frame 106 (C1orf106), transcript variant 1, mRNA;

guchi sarcoma viral related oncogene homolog (LYN), transcript variant 2, mRNA;  
nase, receptor, type 3 (NTRK3), transcript variant 2, mRNA; gi|340745352|ref|NM\_001243101.1| Homc

o sapiens nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, beta (NFKBIB), tra  
se-associated protein 2, E3 ubiquitin protein ligase (SKP2), transcript variant 1, mRNA; gi|340805880|rel

din (dystrobrevin binding protein 1) domain containing 1 (DBNDD1), transcript variant 1, mRNA;

ariagation 3-9 homolog 2 (Drosophila) (SUV39H2), transcript variant 2, mRNA; gi|301171612|ref|NM\_0

1, 25kDa (SNAP25), transcript variant 2, mRNA;

transcript variant 2, mRNA;

ister sorting protein 2 (PACS2), transcript variant 1, mRNA; gi|341604746|ref|NM\_015197.3| Homo sapiens

mRNA; gi|341604755|ref|NM\_001003716.3| Homo sapiens RecQ protein-like 5 (RECQL5), transcript variant 1,

3'-phosphatidylethanolamine-specific (PDE4C), transcript variant 2, mRNA; gi|341604758|ref|NM\_001098818.2| Homo sapiens

transcript variant 2, mRNA; gi|341604764|ref|NM\_000977.3| Homo sapiens ribosomal protein L13 (RPL13), transcript variant 1,

transcript 1, mRNA;

transferase family, cytosolic, 1A, phenol-preferring, member 1 (SULT1A1), transcript variant 1, mRNA; gi|341604764|ref|NM\_000977.3|

tin protein ligase family member 3 (PELI3), transcript variant 4, mRNA; gi|148612832|ref|NM\_001098511.1| Homo sapiens

of DNA binding 1, dominant negative helix-loop-helix protein (ID1), transcript variant 1, mRNA;

containing 4A (SAM4A), transcript variant 2, mRNA; gi|239582750|ref|NM\_001161577.1| Homo sapiens

associated protein 1 (NUSAP1), transcript variant 4, mRNA; gi|341865558|ref|NM\_018454.7| Homo sapiens

gi|341865577|ref|NM\_206840.2| Homo sapiens nuclear VCP-like (NVL), transcript variant 2, mRNA; gi|341865577|ref|NM\_206840.2|

transcript variant 2, non-coding RNA;

activated protein kinase-activated protein kinase 2 (MAPKAPK2), transcript variant 2, mRNA;

C100507059), miscRNA;

C100507228), miscRNA;

C100507143), miscRNA;

LOC100653181, transcript variant 1 (LOC100653181), miscRNA;

LOC100505906 (LOC100505906), mRNA;

LOC100506913, transcript variant 1 (LOC100506913), miscRNA; gi|341915510|ref|XR\_110549.2| PREI

C100506769), miscRNA;

C100507058), miscRNA;  
C100507280), miscRNA;  
LOC100653130, transcript variant 3 (LOC100653130), miscRNA; gi|341913673|ref|XR\_132937.1| PREI

transcript variant 7 (LOC100653137), mRNA; gi|341913683|ref|XM\_003403626.1| PREDICTED: Homo s  
C100505561), miscRNA;

C100505856), miscRNA;

LOC100506167, transcript variant 2 (LOC100506167), miscRNA; gi|341913717|ref|XR\_111137.2| PREI

C100507417), miscRNA;  
C100507128), miscRNA;  
nsript variant 2 (LOC100506675), miscRNA; gi|310120652|ref|XR\_109075.1| PREDICTED: Homo sapie

in LOC100508736 (LOC100508736), mRNA;  
mbrane-spanning 4-domains, subfamily A, member 18 (MS4A18), mRNA;  
C100129473), miscRNA;

e uncharacterized protein FLJ37770-like (LOC100506127), mRNA;  
C100287896), miscRNA;  
er protein 705E-like, transcript variant 1 (LOC100131539), mRNA;

C100506941), miscRNA;  
C100507077), miscRNA;

C100507431), miscRNA;  
ing frame 39 (C11orf39), miscRNA;

C100507510), miscRNA;

n C12orf71-like (LOC100506578), miscRNA;  
0506248), mRNA;



C100505923), miscRNA;

LOC100653270, transcript variant 2 (LOC100653270), miscRNA;

ibosylation factor-like 2 binding protein pseudogene 2 (ARL2BPP2), miscRNA;

LOC100653221, transcript variant 2 (LOC100653221), miscRNA;

in reading frame 28 (C12orf28), mRNA;

LOC100506869, transcript variant 1 (LOC100506869), miscRNA; gi|341915622|ref|XR\_110368.2| PREI

C100505645), miscRNA;

C100507594), miscRNA;

in reading frame 63 (C12orf63), mRNA;

miscRNA;

LOC100505610, transcript variant 2 (LOC100505610), miscRNA;

LOC100653321, transcript variant 1 (LOC100653321), miscRNA;

non-protein coding) (SACS-AS1), miscRNA;

C100132234), miscRNA;

ED: Homo sapiens transmembrane phosphoinositide 3-phosphatase and tensin homolog 2 pseudogene

3 63 (LRRC63), mRNA;

in LOC100507505 (LOC100507505), mRNA;

730236 (LOC730236), mRNA;

C100288208), miscRNA;

C100505518), miscRNA;

olog (mouse) (IRG1), mRNA;

C100505996), miscRNA;

C100506157), miscRNA;

| LOC100506412, transcript variant 1 (LOC100506412), miscRNA; gi|310123100|ref|XR\_110287.1| PREI

C100506498), miscRNA;

C100506817), miscRNA;

C100506832), miscRNA;

| LOC100506792, transcript variant 2 (LOC100506792), miscRNA; gi|341913922|ref|XR\_133055.1| PREI

C100128075), miscRNA;

C100506624), miscRNA;

C100128366), miscRNA;

noglobulin domain containing 7 (VSIG7), mRNA;

no sapiens putative V-set and immunoglobulin domain-containing protein 6-like (LOC642131), mRNA;

C100506965), miscRNA;

C100507480), miscRNA;

| LOC100508892, transcript variant 4 (LOC100508892), miscRNA; gi|310110753|ref|XR\_111503.1| PREI

in LOC100289090 (LOC100289090), mRNA;

C100130579), miscRNA;

C100506104), miscRNA;

C100129502), miscRNA;

C100507079), miscRNA;

C100507288), miscRNA;

C100507311), miscRNA;

C100506914), miscRNA;

gion VH26-like (LOC401847), mRNA;

I LOC100653273, transcript variant 2 (LOC100653273), miscRNA;  
homolog 2 (mouse) (HYDIN2), miscRNA;  
isomerase A-like (LOC729313), miscRNA;

I LOC100653213, transcript variant 2 (LOC100653213), miscRNA;  
C100506670), miscRNA;  
C100507047), miscRNA;

C100507378), miscRNA;

C100505672), miscRNA;  
C100288162), miscRNA;  
log 2-like (LOC100506898), miscRNA;

C100288728), miscRNA;  
C100288822), miscRNA;

I LOC100653189, transcript variant 2 (LOC100653189), miscRNA;  
C100507131), miscRNA;  
sapiens NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 4-like (LOC100288420), miscRN.

elated protein 2-like (LOC100505873), miscRNA;  
C100290566), miscRNA;  
C100505988), miscRNA;  
ng) (MAPT-IT1), non-coding RNA;

C100506252), miscRNA;

C100288781), miscRNA;

.NA;  
C100506882), miscRNA;

I LOC100507520, transcript variant 2 (LOC100507520), miscRNA; gi|341914097|ref|XR\_133150.1| PREI  
ein LOC100505970 (LOC100505970), mRNA;

ing frame 61 (C18orf61), miscRNA;  
in LOC100288902 (LOC100288902), mRNA;

C100506837), miscRNA;

al corepressor 2 (SKOR2), mRNA;

l LOC100507353, transcript variant 2 (LOC100507353), miscRNA; gi|310123817|ref|XR\_109571.1| PREI  
iens guanine nucleotide binding protein (G protein), gamma 12-like (LOC648044), mRNA;  
i1), miscRNA;  
C100287160), miscRNA;

;

l LOC100506694, transcript variant 2 (LOC100506694), miscRNA; gi|341914157|ref|XR\_133177.1| PREI

C100507359), miscRNA;  
7), mRNA;

C100507342), miscRNA;  
miscRNA;  
C100507591), miscRNA;

C100505585), miscRNA;  
C100505639), miscRNA;

in LOC100287526 (LOC100287526), mRNA;

is putative ATP-binding domain-containing protein 3-like protein-like (LOC339352), miscRNA;  
ins isomerase A-like (LOC390956), mRNA;

C100507739), miscRNA;  
C100506374), miscRNA;

l LOC100505794, transcript variant 1 (LOC100505794), miscRNA; gi|310118717|ref|XR\_110824.1| PREI

C100505623), miscRNA;  
LOC100129268, transcript variant 1 (LOC100129268), miscRNA; gi|341914209|ref|XR\_111944.2| PREI

C100287049), miscRNA;  
C100505703), miscRNA;  
C100506838), miscRNA;

C100289488), miscRNA;  
C100506573), miscRNA;

C100287813), miscRNA;

ence similarity 108, member A4 (FAM108A4), miscRNA;

C100506899), miscRNA;

C100506915), miscRNA;  
C100506778), miscRNA;

C100506484), miscRNA;  
C100506687), miscRNA;

LOC100653331, transcript variant 2 (LOC100653331), miscRNA;

C100507664), miscRNA;

SPATA1), mRNA;  
C100132240), miscRNA;

miscRNA;  
C100506392), miscRNA;  
omo sapiens signal-regulatory protein beta-1 isoform 3-like, transcript variant 7 (LOC100653194), mRNA  
C100507579), miscRNA;  
ing frame 61 (C20orf61), miscRNA;

C100505683), miscRNA;

main 8 (EFCAB8), mRNA; gi|341915882|ref|XM\_003118799.2| PREDICTED: Homo sapiens EF-hand calc  
l LOC100505663, transcript variant 1 (LOC100505663), miscRNA; gi|310123987|ref|XR\_109600.1| PREI  
C100506175), miscRNA;

C100291105), miscRNA;  
728671 (LOC728671), mRNA;

C100505735), miscRNA; gi|341916327|ref|XR\_132468.1| PREDICTED: Homo sapiens hypothetical LOC:  
!154), miscRNA;

C100506369), miscRNA;  
C100506403), miscRNA;

11), mRNA;

ressed antigen in melanoma-like (PRAMEL), miscRNA;

ase-like family, member 8 (TTLL8), mRNA;

nscrip variant 2 (LOC100506455), miscRNA;  
/l cis-trans isomerase A-like (LOC100288602), mRNA;  
C100507630), miscRNA;

C100506338), miscRNA;  
C100507006), miscRNA;  
C100507133), miscRNA;

C100506890), miscRNA;

C100505634), miscRNA;  
ontaining 4 (NT5DC4), mRNA;  
region Walker-like (LOC100130100), mRNA;

I LOC100653336, transcript variant 1 (LOC100653336), miscRNA; gi|341914429|ref|XR\_133311.1| PREI

ns putative uncharacterized protein encoded by NCRNA00269-like (LOC100505471), miscRNA;

C100507474), miscRNA;  
atological and neurological expressed 1 protein-like (LOC100130171), miscRNA;

C100287375), miscRNA;

C100506831), miscRNA;

I LOC100507039, transcript variant 2 (LOC100507039), miscRNA; gi|341914448|ref|XR\_133325.1| PREI

C100507380), miscRNA;

TP3), miscRNA;

ranscript 1 (non-protein coding) (AGAP1-IT1), miscRNA;

e uncharacterized protein FLJ46541-like (LOC100652926), mRNA;

C100507660), miscRNA;

;

OC729032), miscRNA;

ein LOC100287063 (LOC100287063), mRNA;

I LOC100507082, transcript variant 2 (LOC100507082), miscRNA; gi|341914496|ref|XR\_133346.1| PREI

C100506758), miscRNA;

I LOC100289130, transcript variant 1 (LOC100289130), miscRNA;

ike (LOC100287195), miscRNA;

ie 2 family, member C-like, transcript variant 1 (LOC285299), mRNA;

87852), mRNA;

ein LOC100132731 (LOC100132731), mRNA;

C100505920), miscRNA;

C100505508), miscRNA;

C100507661), miscRNA;

C100507447), miscRNA;

OC440981), mRNA;

C100505937), miscRNA;

orf78-like (LOC391636), miscRNA;

C100506486), miscRNA;

C100507031), miscRNA;  
C100505505), miscRNA;  
miscRNA;

transferase 54 domain-containing protein (LOC152586), mRNA;  
C100507639), miscRNA;

C100505525), miscRNA;  
C100505596), miscRNA;  
i423), mRNA;  
or, dorsalization-associated protein-like (LOC646890), miscRNA;  
l LOC100506791, transcript variant 2 (LOC100506791), miscRNA; gi|310119496|ref|XR\_108579.1| PREI  
C100506766), miscRNA;

l LOC100288963, transcript variant 1 (LOC100288963), miscRNA; gi|310119501|ref|XR\_108559.1| PREI  
in LOC100506187 (LOC100506187), mRNA;  
AF11-like protein ENSP00000332601-like (LOC391764), mRNA;

frame 17 (C5orf17), miscRNA;  
100130746), miscRNA;

C100506495), miscRNA;  
eat and death domain containing 1B (ANKDD1B), mRNA;  
n 1-like (LOC728093), miscRNA;

C100506219), miscRNA;

ng frame 50 (C5orf50), mRNA;

C100507267), miscRNA;

C100506647), miscRNA;

n 1-like (LOC729400), miscRNA;

A 1 (non-protein coding) (BTBD9-AS1), miscRNA;



C100505985), miscRNA;  
C100505950), miscRNA;

frame 183 (C6orf183), mRNA; gi|341915363|ref|XM\_003403516.1| PREDICTED: Homo sapiens hypothe

C100507429), miscRNA;  
C100506496), miscRNA;  
C100506276), miscRNA;  
NA00300), miscRNA;

C100507468), miscRNA; gi|341915031|ref|XR\_132841.1| PREDICTED: Homo sapiens hypothetical LOC:

I LOC100505913 (LOC100505913), miscRNA; gi|341914705|ref|XR\_133457.1| PREDICTED: Homo sapie  
C100506507), miscRNA; gi|310120054|ref|XR\_108853.1| PREDICTED: Homo sapiens hypothetical LOC:

IQ and AAA domain-containing protein 1-like (LOC100652970), mRNA; gi|341915410|ref|XM\_0034034  
C100506557), miscRNA; gi|341915413|ref|XR\_132524.1| PREDICTED: Homo sapiens hypothetical LOC:  
miscRNA;

C100507088), miscRNA;  
C100507139), miscRNA;

C100507403), miscRNA;

C100505775), miscRNA;  
! (KIAA0146), mRNA; gi|341914752|ref|XM\_003403807.1| PREDICTED: Homo sapiens KIAA0146, transc

ein LOC100287313 (LOC100287313), mRNA;  
C100505739), miscRNA;  
C100505760), miscRNA;

C100288310), miscRNA;  
C100506538), miscRNA;  
C100506558), miscRNA;  
C100506633), miscRNA;  
C100506689), miscRNA;

C100507056), miscRNA;  
C100129104), miscRNA;  
C100507278), miscRNA;

LOC100507316, transcript variant 1 (LOC100507316), miscRNA; gi|310120276|ref|XR\_108896.1| PREI  
miscRNA;  
OC646808), miscRNA;  
reading frame 133 (C9orf133), mRNA;

C100289137), miscRNA;  
, non-coding RNA;  
20 family, member A4 (ANKRD20A4), mRNA;

49 (LOC100132249), partial miscRNA; gi|341915469|ref|XR\_132890.1| PREDICTED: Homo sapiens hyp  
C100506414), miscRNA;  
similarity 75, member B (FAM75B), miscRNA;  
C100506897), miscRNA;

C100507009), miscRNA;  
Homo sapiens mitochondrial intermembrane space import and assembly protein 40-like (LOC100128657).  
reading frame 147 (C9orf147), miscRNA;  
C100506065), miscRNA;  
mRNA;  
in LOC100652835 (LOC100652835), mRNA;  
LOC100505993, transcript variant 1 (LOC100505993), miscRNA; gi|310124550|ref|XR\_110098.1| PREI

mRNA; gi|341915974|ref|XM\_002343891.3| PREDICTED: Homo sapiens protein FRG1-like, transcript va  
C100288392), miscRNA;

PREDICTED: Homo sapiens HLA class II histocompatibility antigen, DRB1-7 beta chain-like, transcript variant 1 (FLJ20518), non-coding RNA;

miscRNA;

4), non-coding RNA;

3395), miscRNA;

CXorf49-like (LOC100129291), miscRNA;  
5), mRNA;

ining 3 (FRMPD3), mRNA;  
C100506955), miscRNA;

LOC100506790, transcript variant 2 (LOC100506790), miscRNA; gi|310124233|ref|XR\_109776.1| PREI  
member A6 (CT45A6), mRNA;  
miscRNA;

57B-like (LOC100132858), mRNA;

C100505829), miscRNA; gi|341915380|ref|XR\_108735.2| PREDICTED: Homo sapiens hypothetical LOC:

C100505938), miscRNA; gi|310119912|ref|XR\_108740.1| PREDICTED: Homo sapiens hypothetical LOC:  
C100506289), miscRNA; gi|341914689|ref|XR\_133446.1| PREDICTED: Homo sapiens hypothetical LOC:

C100288712), miscRNA;  
C100288268), miscRNA;

miscRNA; gi|341915395|ref|XR\_108826.2| PREDICTED: Homo sapiens hypothetical LOC644794 (LOC644794)  
LOC100510011, transcript variant 1 (LOC100510011), miscRNA;  
C100287894), miscRNA;  
ated (MUC3A), mRNA; gi|341914708|ref|XM\_003403800.1| PREDICTED: Homo sapiens mucin 3A, cell surface  
C100505688), miscRNA;

LOC100506027, transcript variant 2 (LOC100506027), miscRNA; gi|341914702|ref|XR\_133454.1| PREI

C100507673), miscRNA; gi|310120123|ref|XR\_108790.1| PREDICTED: Homo sapiens hypothetical LOC:  
haracterized protein LOC65996-like (LOC100506458), miscRNA; gi|341915412|ref|XR\_132523.1| PRED  
C100506534), miscRNA;

C100652903), miscRNA;  
C100506312), miscRNA; gi|341914713|ref|XR\_113069.2| PREDICTED: Homo sapiens hypothetical LOC:

C100507507), miscRNA; gi|341914719|ref|XR\_133466.1| PREDICTED: Homo sapiens hypothetical LOC:  
C100506376), miscRNA;  
i reading frame 222 (C1orf222), mRNA;

C100129476), miscRNA;

n C1orf167-like (LOC100506273), miscRNA;

C100509213), miscRNA;

C100506257), miscRNA;

I LOC100652837, transcript variant 2 (LOC100652837), miscRNA;  
I LOC100652887, transcript variant 1 (LOC100652887), miscRNA;

C100509205), miscRNA;

oglobulin superfamily DCC subclass member 3-like (LOC343052), miscRNA; gi|341914207|ref|XR\_13321

rotein family member 6-like (LOC100130097), mRNA;

C100506479), miscRNA;

I LOC100506642, transcript variant 2 (LOC100506642), miscRNA; gi|310118844|ref|XR\_110848.1| PREI

I LOC100294406, transcript variant 2 (LOC100294406), miscRNA; gi|341915150|ref|XR\_132705.1| PREI  
C100507562), miscRNA;

is UDP-GalNAc:beta-1,3-N-acetylgalactosaminyltransferase 1-like (LOC100128857), miscRNA;

egion VH-like (LOC100291786), mRNA;

I LOC100506076, transcript variant 1 (LOC100506076), miscRNA; gi|341915173|ref|XR\_109919.2| PREI

putative fatty acyl-CoA reductase 2-like protein FLJ43933-like (LOC100288897), miscRNA;

ein LOC100652824 (LOC100652824), mRNA;

061), miscRNA;

C100507265), miscRNA;

TR7B1), mRNA;

ein LOC100130503 (LOC100130503), mRNA;

C100505801), miscRNA;

C100288831), miscRNA;

I LOC100506802, transcript variant 1 (LOC100506802), miscRNA;

C100506487), miscRNA;

C100131679), miscRNA;

C100507134), miscRNA;

C100505492), miscRNA;

C100508227), miscRNA;

allin domain containing 3 (CRYBG3), mRNA;

C100128262), miscRNA;

C100507209), miscRNA;

C100506176), miscRNA;

C100507388), miscRNA;

C100507473), miscRNA;

RNA;

je containing 11B (ZDHHC11B), mRNA;

:ative TAF11-like protein ENSP00000332601-like (LOC100288018), mRNA;

miscRNA;

C100505994), miscRNA;

al protein LOC100509780 (LOC100509780), partial mRNA;

C100505675), miscRNA;

nscrip variant 3 (LOC100507427), miscRNA; gi|310119660|ref|XR\_110073.1| PREDICTED: Homo sapie

C100289627), miscRNA;  
C100507241), miscRNA;  
C100287329), miscRNA; gi|310125233|ref|XR\_111015.1| PREDICTED: Homo sapiens hypothetical LOC:

C100507672), miscRNA;  
42), mRNA;  
100652802 (LOC100652802), mRNA; gi|341914645|ref|XM\_003403791.1| PREDICTED: Homo sapiens l

onsive DNAJB4 interacting membrane protein 1 (SDIM1), miscRNA;

C100507642), miscRNA; gi|341915013|ref|XR\_110619.2| PREDICTED: Homo sapiens hypothetical LOC:  
C100505904), miscRNA; gi|341914687|ref|XR\_112974.2| PREDICTED: Homo sapiens hypothetical LOC:  
miscRNA; gi|341914690|ref|XR\_112997.2| PREDICTED: Homo sapiens hypothetical LOC401317 (LOC40  
miscRNA; gi|341915027|ref|XR\_132838.1| PREDICTED: Homo sapiens hypothetical LOC401357 (LOC40  
C100289306), miscRNA; gi|341916288|ref|XR\_132465.1| PREDICTED: Homo sapiens hypothetical LOC:  
tein TSRM (TSRM), miscRNA; gi|341914712|ref|XR\_133462.1| PREDICTED: Homo sapiens zinc finger d

(LOC402269), mRNA;

n E8-like (LOC100132581), mRNA;  
aracterized protein FLJ44672-like (LOC100288292), miscRNA;

C100509105), miscRNA; gi|341915062|ref|XR\_132860.1| PREDICTED: Homo sapiens hypothetical LOC:  
C100507530), miscRNA;

miscRNA;

ns lipoxygenase homology domain-containing protein 1-like (LOC100287651), mRNA;

C100507516), miscRNA;  
miscRNA;

miscRNA;

C100506927), miscRNA;  
C100506980), miscRNA;

iens HEAT repeat-containing protein 7A-like, transcript variant 3 (LOC100652949), mRNA; gi|34191544

in LOC100509263 (LOC100509263), mRNA;

(LOC100506390), miscRNA;

rotein C9orf51-like (LOC100507415), miscRNA;

nRNA;

LOC100506119, transcript variant 4 (LOC100506119), miscRNA;

yrin repeat domain-containing protein 18B-like (LOC100287922), partial miscRNA;

miscRNA;

ock protein, mitochondrial-like (LOC100289607), miscRNA;

C100507430), miscRNA;

cRNA;

C100507663), miscRNA;

rotein FLJ37424-like (LOC100505502), miscRNA;

LOC100652968, transcript variant 2 (LOC100652968), miscRNA;

reading frame 112 (C10orf112), mRNA; gi|341913651|ref|XM\_001716843.3| PREDICTED: Homo sapie

ransactivated by hepatitis B virus E antigen (LOC100128356), miscRNA;

ion Walker-like (LOC642424), mRNA;

sapiens cytochrome P450, family 17, subfamily A, polypeptide 1 opposite strand (CYP17A1OS), miscRNA

C100505869), miscRNA;

C100130887), miscRNA;

LOC100653003, transcript variant 2 (LOC100653003), miscRNA; gi|341915529|ref|XR\_132789.1| PREI



er mucous/gel-forming (MUC5AC), partial mRNA; gi|310110099|ref|XM\_003119481.1| PREDICTED: H

IA 2 (non-protein coding) (ARAP1-AS2), miscRNA;  
peat domain-containing protein 33B-like (LOC100507561), miscRNA;  
C100287413), miscRNA;

I LOC100507645, transcript variant 2 (LOC100507645), miscRNA; gi|341913746|ref|XR\_111190.2| PREI  
C100505554), miscRNA;

567 (LOC338667), mRNA;  
C100507145), miscRNA;

C100507283), miscRNA;

C100507548), miscRNA;

C100049716), miscRNA;

tivating protein-like (LOC727803), miscRNA;

C100505882), miscRNA;

I LOC100652964, transcript variant 2 (LOC100652964), miscRNA;  
on reading frame 55 (C12orf55), mRNA;  
C100288366), miscRNA; gi|341913805|ref|XR\_111280.2| PREDICTED: Homo sapiens hypothetical LOC:

I LOC100507065, transcript variant 3 (LOC100507065), miscRNA; gi|341913820|ref|XR\_111309.2| PREI

C100288798), miscRNA;

ein LOC100292905 (LOC100292905), mRNA;

miscRNA;

LOC100652856, transcript variant 1 (LOC100652856), miscRNA;

C100506997), miscRNA;

ain 6 (TTC6), mRNA;

9), miscRNA;

piens esophagus cancer-related gene-2 interaction susceptibility protein (LOC100288160), miscRNA;

C100506446), miscRNA;

C100508046), miscRNA;

C100507568), miscRNA;

family, member H, transcript variant 1 (GOLGA8H), mRNA;

-like (LOC645405), miscRNA;

LOC100128108, transcript variant 2 (LOC100128108), miscRNA; gi|341913985|ref|XR\_133092.1| PREI  
miscRNA;

LOC100506983, transcript variant 2 (LOC100506983), miscRNA; gi|341913975|ref|XR\_133083.1| PREI

0652888 (LOC100652888), mRNA; gi|341915738|ref|XM\_003403458.1| PREDICTED: Homo sapiens hyf  
tein (CASP14L), mRNA;

400499 (LOC400499), mRNA;

PLAT and transmembrane domain-containing protein (LOC399491), miscRNA;

miscRNA;

homo sapiens nuclear pore complex-interacting protein-like 3-like, transcript variant 2 (LOC728888), mRNA; LOC647086), miscRNA;

9264), mRNA; gi|310123553|ref|XM\_001133674.3| PREDICTED: Homo sapiens TP53-target gene 3 pro

in LOC100132941 (LOC100132941), mRNA;

C100506480), miscRNA;

5722, transcript variant 3 (LOC645722), miscRNA; gi|341914084|ref|XR\_133142.1| PREDICTED: Homo

C100505620), miscRNA;

C100287562), miscRNA; gi|310123633|ref|XR\_109381.1| PREDICTED: Homo sapiens hypothetical LOC: in LOC100507656 (LOC100507656), mRNA; gi|341916291|ref|XM\_003403399.1| PREDICTED: Homo s;

LOC100506214 (LOC100506214), miscRNA; gi|310123663|ref|XR\_109391.1| PREDICTED: Homo sapie  
characterized protein C14orf165-like (LOC100506228), miscRNA;

0507219), miscRNA;

;

C100505851), miscRNA;

C100286969), miscRNA;  
miscRNA;

(LOC100287477), mRNA;  
3-like (LOC100287865), miscRNA;  
CAN domain containing 5D (ZSCAN5D), mRNA;  
60), mRNA;

C100505944), miscRNA;

562), mRNA;

C100293744), miscRNA; gi|310118052|ref|XR\_113290.1| PREDICTED: Homo sapiens hypothetical LOC:  
C100506356), miscRNA;  
LOC100506583, transcript variant 1 (LOC100506583), miscRNA;

na antigen family B, 17 (MAGEB17), mRNA;

C100132304), miscRNA;

transcript variant 1 (LOC100287515), mRNA; gi|310124322|ref|XM\_003119216.1| PREDICTED: Homo sapiens

LOC100652950, transcript variant 1 (LOC100652950), miscRNA;

LOC100652989, transcript variant 1 (LOC100652989), miscRNA;

C100132529), miscRNA;

LOC100506201, transcript variant 1 (LOC100506201), miscRNA; gi|341915988|ref|XR\_132621.1| PREDICTED: Homo sapiens succinate dehydrogenase [ubiquinone] cytochrome b small subunit, mitochondrial

PREDICTED: Homo sapiens succinate dehydrogenase [ubiquinone] cytochrome b small subunit, mitochondrial

cytochrome b1-like (LOC390877), mRNA;

C100506454), miscRNA;

C100506503), miscRNA;

specific protein, Y-linked 10 (TSPY10), mRNA;

C100128563), miscRNA;

miscRNA;

NA00118), miscRNA;

ne-rich splicing factor 10-like (LOC100505793), mRNA; gi|310124647|ref|XM\_003119084.1| PREDICTED: Homo sapiens carboxy-terminal domain RNA polymerase II polypeptide A small phosphatase 2-like LOC100505543, transcript variant 3 (LOC100505543), miscRNA; gi|341916057|ref|XR\_110815.2| PREI

Homo sapiens killer cell immunoglobulin-like receptor 2DL4-like, transcript variant 10 (LOC100287534),  
t domain-containing protein 20B-like (LOC644339), miscRNA;

ns complement component 4B (Chido blood group), transcript variant 1 (C4B), mRNA; gi|178557738|re  
PREDICTED: Homo sapiens HLA class II histocompatibility antigen, DQ alpha 1 chain-like, transcript varian  
.4636|ref|XR\_133421.1| PREDICTED: Homo sapiens HLA complex group 8 (HCG8), miscRNA; gi|341915:

L-like (LOC100134173), miscRNA;

lation factor-like protein 17-like (LOC100294341), mRNA;

ike (LOC100289034), miscRNA;  
RNA; gi|341914571|ref|XR\_133387.1| PREDICTED: Homo sapiens double homeobox 4 like 9 (DUX4L9),

sapiens beta-glucuronidase-like protein SMA4-like, transcript variant 3 (LOC100653061), mRNA; gi|341:

2 (non-protein coding) (ANO1-AS2), miscRNA; gi|310120729|ref|XR\_110889.1| PREDICTED: Homo sapi

is killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 5A (KIR2DL5A), mRNA;  
513.2| Homo sapiens killer cell immunoglobulin-like receptor, two domains, short cytoplasmic tail, 5 (KI

Homo sapiens killer cell immunoglobulin-like receptor 2DL2-like, transcript variant 2 (LOC100653050), r  
103412.1| PREDICTED: Homo sapiens killer cell immunoglobulin-like receptor, two domains, short cytop

ike (LOC645202), mRNA; gi|310123208|ref|XM\_001724153.3| PREDICTED: Homo sapiens golgin A6 fan

mRNA; gi|341916336|ref|XM\_003403880.1| PREDICTED: Homo sapiens TBC1 domain family, member  
LOC100653041, transcript variant 1 (LOC100653041), miscRNA;

273), non-coding RNA;

PTCRA), transcript variant 1, mRNA; gi|341926173|ref|NM\_001243170.1| Homo sapiens pre T-cell anti

\_182480.2| Homo sapiens coenzyme Q6 homolog, monooxygenase (S. cerevisiae) (COQ6), nuclear gene

mo sapiens TATA box binding protein (TBP)-associated factor, RNA polymerase I, C, 110kDa (TAF1C), tra

DA), transcript variant 1, mRNA; gi|342187199|ref|NM\_001127617.2| Homo sapiens aldolase A, fructos  
s, beta polypeptide (ATP7B), transcript variant 3, mRNA; gi|342187241|ref|NM\_001005918.2| Homo sa

variant c, mRNA; gi|41281810|ref|NM\_172167.1| Homo sapiens NADPH oxidase organizer 1 (NOXO1), t

3, mRNA; gi|60498996|ref|NM\_001012512.1| Homo sapiens gastrin-releasing peptide (GRP), transcript

member 1 (BPIFA1), transcript variant 2, mRNA; gi|167614492|ref|NM\_016583.3| Homo sapiens BPI fold  
, transcript variant 3, mRNA; gi|342307073|ref|NM\_194259.2| Homo sapiens ubiquitin-conjugating enz

phatase F (INPP5F), transcript variant 2, mRNA; gi|342307081|ref|NM\_001243195.1| Homo sapiens in  
3), transcript variant 1, mRNA;

(CR5), transcript variant 1, mRNA;  
transcript variant 2, mRNA;

variant 2, mRNA;  
tor with coiled-coil (WAC), transcript variant 1, mRNA; gi|342349309|ref|NR\_024557.2| Homo sapiens  
on-gamma-inducing factor) (IL18), transcript variant 2, mRNA;

2, mRNA; gi|342349336|ref|NM\_016620.3| Homo sapiens zinc finger protein 644 (ZNF644), transcript  
cription elongation factor B (SIII), polypeptide 2 (18kDa, elongin B) (TCEB2), transcript variant 1, mRNA  
iant 3, mRNA; gi|342349353|ref|NM\_001243202.1| Homo sapiens RAN binding protein 6 (RANBP6), tr:  
C1), transcript variant 3, non-coding RNA; gi|342672027|ref|NR\_023360.2| Homo sapiens chromatin a  
piens ECSIT homolog (Drosophila) (ECSIT), nuclear gene encoding mitochondrial protein, transcript varia  
of activated T-cells 5, tonicity-responsive (NFAT5), transcript variant 6, mRNA; gi|342672024|ref|NM\_1:  
JA; gi|170014742|ref|NM\_002771.3| Homo sapiens protease, serine, 3 (PRSS3), transcript variant 2, m  
CTF8, chromosome transmission fidelity factor 8 homolog (S. cerevisiae) (CHTF8), transcript variant 2, r  
mo sapiens solute carrier family 7 (amino acid transporter light chain,  $\gamma$ +L system), member 6 (SLC7A6),  
script variant 1, mRNA;

factor 1 (PES1), transcript variant 1, mRNA; gi|342672044|ref|NR\_036550.2| Homo sapiens pescadillo 1

mRNA; gi|342672060|ref|NM\_001243227.1| Homo sapiens transcription factor 4 (TCF4), transcript var  
ciation (RalGDS/AF-6) domain family member 3 (RASSF3), transcript variant 1, mRNA;

(BM39), transcript variant 4, mRNA; gi|336176063|ref|NM\_001242599.1| Homo sapiens RNA binding n  
02728.4| Homo sapiens proteoglycan 2, bone marrow (natural killer cell activator, eosinophil granule m  
t variant 1, mRNA;



3), transcript variant 1, mRNA; gi|343183360|ref|NM\_001127398.2| Homo sapiens endoplasmic reticulum protein 70, transcript variant 1, mRNA; gi|343183380|ref|NM\_001243325.1| Homo sapiens retinoic acid early response 1 (mouse)-like 2 (SEZ6L2), transcript variant 4, mRNA; gi|343183402|ref|NM\_001243332.1| Homo sapiens

ein homolog (yeast) (NOP56), transcript variant 1, mRNA;  
DC40), transcript variant 2, mRNA;

pt variant 3, non-coding RNA; gi|210032389|ref|NM\_001136232.1| Homo sapiens SEC13 homolog (S. c

REM), transcript variant 20, mRNA; gi|359465522|ref|NM\_001881.3| Homo sapiens cAMP responsive ε

MYND8), transcript variant 3, mRNA; gi|34335261|ref|NM\_183047.1| Homo sapiens zinc finger, MYND

.C35C2), transcript variant 3, mRNA; gi|34335287|ref|NM\_015945.10| Homo sapiens solute carrier fan

t variant 2, mRNA;

; CD74 molecule, major histocompatibility complex, class II invariant chain (CD74), transcript variant 1, n  
uitin-like proteins 1 (NUB1), transcript variant 1, mRNA;

cript variant 3, non-coding RNA; gi|343403822|ref|NM\_001042414.2| Homo sapiens paraspeckle comp

omal BRCA2 interacting protein (CNTROB), transcript variant 2, mRNA;  
nber 1 (PYHIN1), transcript variant 4, mRNA; gi|343432578|ref|NM\_198929.4| Homo sapiens pyrin an  
;2580|ref|NM\_001003828.2| Homo sapiens parvin, beta (PARVB), transcript variant 1, mRNA; gi|34343

sapiens solute carrier family 6 (neurotransmitter transporter, GABA), member 13 (SLC6A13), transcript

t variant 2, mRNA;

\_025157.4| Homo sapiens paxillin (PXN), transcript variant 4, mRNA; gi|344217707|ref|NM\_001080855

1-like (RABGAP1L), transcript variant 3, mRNA; gi|344217736|ref|NM\_001243765.1| Homo sapiens R/  
de dissociation stimulator-like 2 (RGL2), transcript variant 2, mRNA;  
ementation group C (FANCC), transcript variant 2, mRNA; gi|56118235|ref|NM\_000136.2| Homo sapien  
cleoside diphosphate linked moiety X)-type motif 8 (NUDT8), transcript variant 1, mRNA;  
ng frame 49 (C7orf49), transcript variant 5, mRNA; gi|344217759|ref|NM\_024033.3| Homo sapiens chr

s protein O-linked mannose beta1,2-N-acetylglucosaminyltransferase (POMGNT1), transcript variant 1, r

3L4), transcript variant 1, mRNA; gi|344313169|ref|NM\_001243767.1| Homo sapiens basic transcripti

e similarity 178, member A (FAM178A), transcript variant 1, mRNA; gi|209915546|ref|NM\_001136123.  
pharynx defective 1 homolog A (C. elegans) (APH1A), transcript variant 1, mRNA; gi|344313188|ref|NR\_  
otide binding protein (G protein), gamma 2 (GNG2), transcript variant 2, mRNA; gi|344313197|ref|NM\_  
A1), transcript variant 3, mRNA; gi|165905587|ref|NM\_016357.4| Homo sapiens LIM domain and acti

3 homolog (S. cerevisiae) (VPS28), transcript variant 1, mRNA;

n channel 2 (ASIC2), transcript variant MDEG1, mRNA;

variant 4, mRNA; gi|34452706|ref|NM\_139199.1| Homo sapiens bromodomain containing 8 (BRD8), ti  
RAB23), transcript variant 2, mRNA;

oma viral oncogene homolog (KRAS), transcript variant a, mRNA;

ript variant 3, mRNA; gi|344925822|ref|NM\_001243776.1| Homo sapiens centrosomal protein 57kDa (  
ence similarity 213, member A (FAM213A), transcript variant 2, mRNA; gi|344925831|ref|NM\_0012437

MP-stimulated (PDE2A), transcript variant 3, mRNA; gi|344925850|ref|NM\_001143839.3| Homo sapie  
, transcript variant 1, mRNA; gi|344925929|ref|NM\_001243786.1| Homo sapiens recombination activ:

(AP5), transcript variant 1, mRNA;

strand-selective monofunctional uracil-DNA glycosylase 1 (SMUG1), transcript variant 7, non-coding RN/  
ondroitin 4) sulfotransferase 12 (CHST12), transcript variant 2, mRNA; gi|345090970|ref|NM\_018641.4

sC22D1), transcript variant 5, mRNA; gi|345090977|ref|NM\_183422.3| Homo sapiens TSC22 domain fa

ining (ZC4H2), transcript variant 2, mRNA; gi|345091008|ref|NR\_045044.1| Homo sapiens zinc finger, (  
onucleoprotein M (HNRNPM), transcript variant 2, mRNA;

phatidylcholine-specific (PLD1), transcript variant 2, mRNA;

m channel, voltage-dependent, N type, alpha 1B subunit (CACNA1B), transcript variant 1, mRNA;

r protein 2 (CSRNP2), transcript variant 1, mRNA;

35110.2| Homo sapiens DnaJ (Hsp40) homolog, subfamily A, member 3 (DNAJA3), nuclear gene encoding transcription factor, RNA polymerase I (UBTF), transcript variant 4, non-coding RNA; gi|115529450|ref|NM\_001155294.2| Homo sapiens activator of transcription 4 (STAT4), transcript variant 1, mRNA; variant 4, mRNA; gi|345197259|ref|NM\_199359.2| Homo sapiens tumor protein D52-like 2 (TPD52L2), 2 (PIAS2), transcript variant alpha, mRNA;

it 3, mRNA; gi|345196208|ref|NM\_020126.4| Homo sapiens sphingosine kinase 2 (SPHK2), transcript variant 1, mRNA;

(Drosophila) (TRA2B), transcript variant 1, mRNA;

1, mRNA; gi|345197215|ref|NM\_001243877.1| Homo sapiens transducer of ERBB2, 1 (TOB1), transcript variant 1, mRNA; gi|345199284|ref|NM\_203346.3| Homo sapiens high density lipoprotein (HDLBP), transcript variant 3, mRNA;

en-activated protein kinase-activated protein kinase 3 (MAPKAPK3), transcript variant 3, mRNA; gi|3454

inosphatase 1, regulatory (inhibitor) subunit 14A (PPP1R14A), transcript variant 2, mRNA;

2A), transcript variant 4, mRNA; gi|345441815|ref|NM\_004520.4| Homo sapiens kinesin heavy chain n

compatibility complex, class II, DR beta 1 (HLA-DRB1), transcript variant 1, mRNA;

compatibility complex, class II, DQ beta 1 (HLA-DQB1), transcript variant 2, mRNA; gi|345461078|ref|NM\_001144966.2| Homo sapiens neurally mediated, vesicle trafficking, beach and anchor containing (LRBA), transcript variant 1, mRNA;

phosphoribosyl pyrophosphate synthetase-associated protein 2 (PRPSAP2), transcript variant 5, mRNA; gi|345461078|ref|NM\_001144966.2| Homo sapiens neural precursor cell expressed, developmentally down-regulated 4-like protein 1 (NPEPP4), transcript variant 3, mRNA; gi|338827715|ref|NM\_001242844.1| Homo sapiens ring finger protein 146 (RNF146), transcript variant 1, mRNA; gi|371933011|ref|NR\_045106.2| Homo sapiens RNA binding protein, autoantigenic (hnRNP-associated with lethal yellow homolog (mouse)) (C15orf44), transcript variant 3, non-coding RNA;

transcript variant 3, non-coding RNA; gi|345525412|ref|NM\_001165030.2| Homo sapiens transmembrane protein 101, transcript variant 3, non-coding RNA;

piens transcription factor 3 (E2A immunoglobulin enhancer binding factors E12/E47) (TCF3), transcript variant 1, transcript variant 2, mRNA;

transcript variant 5, non-coding RNA; gi|345525416|ref|NR\_045111.1| Homo sapiens EGF-like-domain, r

iant 1, mRNA;

mRNA;



gonist (BID), transcript variant 6, mRNA; gi|347300422|ref|NM\_001244572.1| Homo sapiens BH3 inter:

\_006487.2| Homo sapiens fibulin 1 (FBLN1), transcript variant A, mRNA; gi|318037493|ref|NM\_001996

γ/transcription domain-associated protein (TRRAP), transcript variant 1, mRNA;

tivator (GTPase activating protein) 1 (RASA1), transcript variant 2, mRNA;

, mRNA; gi|347360941|ref|NM\_001018058.2| Homo sapiens transcription factor EC (TFEC), transcript v

i660|ref|NM\_001244606.1| Homo sapiens IMP2 inner mitochondrial membrane peptidase-like (S. cere  
pt variant 3, mRNA; gi|347446675|ref|NM\_001244584.1| Homo sapiens LUC7-like 2 (S. cerevisiae) (LU

eta 3 binding protein (beta3-endonexin) (ITGB3BP), transcript variant 1, mRNA; gi|332078477|ref|NM\_  
C10), transcript variant F, mRNA; gi|347446693|ref|NM\_001161012.2| Homo sapiens armadillo repeat

member 8 (IGSF8), transcript variant 1, mRNA;

phosphate diphosphohydrolase 4 (ENTPD4), transcript variant 1, mRNA;

ript variant 2, mRNA; gi|347543826|ref|NM\_001197293.2| Homo sapiens dihydropyrimidinase-like 2 (   
B (MRF1-like) (ARID5B), transcript variant 1, mRNA;

protein 2B (CHMP2B), transcript variant 1, mRNA;

cript variant 1, non-coding RNA;

cript variant 1, mRNA; gi|331028738|ref|NM\_001206612.1| Homo sapiens chromatin target of PRMT1

erevisiae) (THNSL2), transcript variant 1, mRNA; gi|347658948|ref|NM\_001244676.1| Homo sapiens tl

pt variant 2, mRNA;

hibited (PDE3A), transcript variant 2, mRNA;

ype-like 1 (ZFP36L1), transcript variant 3, mRNA; gi|347659002|ref|NM\_004926.3| Homo sapiens zinc  
CSAD), transcript variant 1, mRNA; gi|347659022|ref|NM\_001244706.1| Homo sapiens cysteine sulfini  
-phosphate transaminase 1 (GFPT1), transcript variant 1, mRNA;

domain containing (FGGY), transcript variant 2, mRNA; gi|164663829|ref|NM\_001113411.1| Homo sa  
(RAD23B), transcript variant 2, mRNA; gi|347800660|ref|NM\_002874.4| Homo sapiens RAD23 homolo  
ARVELD2), transcript variant 1, mRNA;

M126A), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;

gG, low affinity IIIb, receptor (CD16b) (FCGR3B), transcript variant 2, mRNA;

}, member A (CLEC3A), transcript variant 2, mRNA;

: variant 3, mRNA; gi|348041378|ref|NM\_001244766.1| Homo sapiens MOB kinase activator 1B (MOB1B), transcript variant 3, mRNA;

|348605222|ref|NM\_001244810.1| Homo sapiens forkhead box P1 (FOXP1), transcript variant 4, mRNA; transcript variant 3, mRNA; gi|348041371|ref|NM\_024873.5| Homo sapiens TNFAIP3 interacting protein 1 (TNFAIP3IP1), transcript variant 3, mRNA; gi|34878756|ref|NM\_012173.3| Homo sapiens F-box protein 25 (FBXO25), transcript variant 3, mRNA;

ript variant 2, mRNA; gi|34878851|ref|NM\_184087.1| Homo sapiens tripartite motif containing 55 (TRIM55), transcript variant 2, mRNA;

RNA; gi|349501083|ref|NR\_045205.1| Homo sapiens checkpoint kinase 1 (CHEK1), transcript variant 6; KRTDAP1, transcript variant 2, mRNA; KRTDAP1, transcript variant 2, mRNA;

disabled homolog 2, mitogen-responsive phosphoprotein (Drosophila) (DAB2), transcript variant 1, mRNA;

tein, alpha-galactosyltransferase 1 pseudogene (GGTA1P), transcript variant 1, non-coding RNA; transcript variant 2, mRNA; AGAP1, transcript variant 2, mRNA; gi|34958520|ref|NM\_001163790.2| Homo sapiens tripartite motif containing 55 (TRIM55), transcript variant 2, mRNA;

ng frame 89 (C16orf89), transcript variant 1, mRNA; FCGR1B, transcript variant 3, mRNA; gi|349732137|ref|NM\_001163790.2| Homo sapiens tripartite motif containing 55 (TRIM55), transcript variant 2, mRNA; gi|349732181|ref|NM\_001163790.2| Homo sapiens tripartite motif containing 55 (TRIM55), transcript variant 2, mRNA; PRPF4, transcript variant 2, mRNA;

crophage stimulating 1 receptor (c-met-related tyrosine kinase) (MST1R), transcript variant 1, mRNA;

ript variant 2, mRNA; GPAM, nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; sapiens sparco/osteonectin, cwcw and kazal-like domains proteoglycan (testican) 2 (SPOCK2), transcript variant 3, non-coding RNA; gi|350276161|ref|NM\_033549.4| Homo sapiens tripartite motif containing 55 (TRIM55), transcript variant 2, mRNA; gi|350276217|ref|NM\_001244961.1| Homo sapiens FERM domain containing protein 1 (FERM1), transcript variant 2, mRNA; gi|161169011|ref|NM\_145117.4| Homo sapiens neuron navigator 2 (NAV2), transcript variant 2, mRNA; phosphatase 1, catalytic subunit, gamma isozyme (PPP1CC), transcript variant 1, mRNA;



l, metalloredutase (STEAP2), transcript variant 5, mRNA; gi|350276262|ref|NM\_001244946.1| Homo sapiens

(C. elegans) (SEL1L), transcript variant 2, mRNA;

[CCAAT-binding transcription factor) (NFIC), transcript variant 2, mRNA; gi|350529404|ref|NM\_001245111.1|

ombination signal binding protein for immunoglobulin kappa J region (RBPJ), transcript variant 3, mRNA;

pt variant 3, mRNA; gi|351542187|ref|NM\_001207025.2| Homo sapiens POU class 2 homeobox 2 (POU2F2)

omology-like domain, family B, member 1 (PHLDB1), transcript variant 3, mRNA; gi|351542209|ref|NM\_001207025.2|

nslation initiation factor 2-alpha kinase 2 (EIF2AK2), transcript variant 2, mRNA; gi|351542239|ref|NM\_001207025.2|

SH3 domain, ankyrin repeat and PH domain 1 (ASAP1), transcript variant 1, mRNA; gi|351542239|ref|NM\_001207025.2|

V\_177423.2| Homo sapiens protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting with 4-domains, subfamily A, member 6A (MS4A6A), transcript variant 3, mRNA; gi|351721018|ref|NM\_001207025.2|

, mRNA; gi|170763497|ref|NM\_003011.3| Homo sapiens SET nuclear oncogene (SET), transcript variant 4, mRNA; gi|351721594|ref|NM\_001248007.1| Homo sapiens tripartite motif containing 3 (TRIM3)

rbon receptor nuclear translocator-like 2 (ARNTL2), transcript variant 2, mRNA; gi|351721534|ref|NM\_001207025.2|

; gi|351721977|ref|NM\_005414.4| Homo sapiens SKI-like oncogene (SKIL), transcript variant 1, mRNA; gi|351721977|ref|NM\_005414.4|

f|NM\_198038.2| Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 9 (NUDT9), transcript variant 1, mRNA; gi|351721977|ref|NM\_005414.4|

(MAGEA10), transcript variant 1, mRNA; gi|352962166|ref|NM\_021048.4| Homo sapiens melanoma associated protein 1 (MAGEA10)

ipt variant 1, mRNA; gi|352962175|ref|NM\_001251830.1| Homo sapiens secreted phosphoprotein 1 (SPP1)

VF domain (PRDM1), transcript variant 1, mRNA;

ient receptor potential cation channel, subfamily C, member 1 (TRPC1), transcript variant 2, mRNA;

nase, regulatory subunit 5 (PIK3R5), transcript variant 2, mRNA; gi|353523782|ref|NM\_001251851.1| Homo sapiens voltage dependent anion channel 3 (VDAC3), transcript variant 1, mRNA;

KHDC1), transcript variant 2, mRNA;

receptor 1 (VIPR1), transcript variant 5, mRNA; gi|353523861|ref|NM\_001251882.1| Homo sapiens voltage dependent anion channel 3 (VDAC3)

olar soft part sarcoma chromosome region, candidate 1 (ASPSCR1), transcript variant 1, mRNA; gi|353523861|ref|NM\_001251882.1|

transcript variant 2, mRNA;

family 1, group H, member 3 (NR1H3), transcript variant 4, mRNA; gi|353731055|ref|NM\_001130101.2

6-FXYD2), transcript variant 1, mRNA;

3| Homo sapiens adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper containing

icogene family (RAP1B), transcript variant 5, mRNA; gi|354459349|ref|NM\_001251917.1| Homo sapien

variant 2, non-coding RNA;

nucleotide exchange factor (GEF) 26 (ARHGEF26), transcript variant 1, mRNA; gi|194473699|ref|NM\_01  
side diphosphate linked moiety X)-type motif 6 (NUDT6), transcript variant 2, mRNA;

285768), transcript variant 2, non-coding RNA;

variant 7, mRNA; gi|354548849|ref|NM\_001251981.1| Homo sapiens RCAN family member 3 (RCAN3)

resistance to inhibitors of cholinesterase 3 homolog (C. elegans) (RIC3), transcript variant 2, mRNA; gi|3

mily 30 (zinc transporter), member 5 (SLC30A5), transcript variant 3, mRNA; gi|354548831|ref|NM\_022

2, antisense RNA; gi|354548836|ref|NR\_045409.1| Homo sapiens RCAN3 antisense (RCAN3AS), transcri

heavy chain 1 (ITIH1), transcript variant 3, mRNA; gi|354681976|ref|NM\_001166434.2| Homo sapiens in

or (GMNN), transcript variant 4, mRNA; gi|354681981|ref|NM\_015895.4| Homo sapiens geminin, DNA

: variant 2, mRNA;

ript variant 1, mRNA; gi|354681990|ref|NM\_001252006.1| Homo sapiens poly(A) polymerase alpha (P

ript variant 2, mRNA; gi|354681998|ref|NM\_005822.3| Homo sapiens regulator of calcineurin 2 (RCAN

ript variant 3, mRNA; gi|195927054|ref|NM\_001130528.2| Homo sapiens sperm associated antigen 9 (

ig protein 1 (AKIP1), transcript variant 4, mRNA; gi|331284154|ref|NM\_001206646.1| Homo sapiens A

A\_001256021.1| Homo sapiens triadin (TRDN), transcript variant 4, mRNA; gi|365192562|ref|NM\_0012

variant 1, mRNA; gi|354721106|ref|NM\_001252008.1| Homo sapiens leucine zipper protein 2 (LUZP2),

script variant 3, mRNA; gi|354721132|ref|NM\_001085347.2| Homo sapiens torsin family 2, member A

is transient receptor potential cation channel, subfamily M, member 1 (TRPM1), transcript variant 1, mR

721192|ref|NM\_016151.3| Homo sapiens TAO kinase 2 (TAOK2), transcript variant 1, mRNA;

amily (RAB5B), transcript variant 2, mRNA; gi|354721178|ref|NM\_001252037.1| Homo sapiens RAB5B

amily (RAB5C), transcript variant 3, mRNA; gi|354721182|ref|NM\_004583.3| Homo sapiens RAB5C, me

molog B (yeast) (VPS13B), transcript variant 1, mRNA; gi|35493712|ref|NM\_017890.3| Homo sapiens v

), transcript variant 1, mRNA;

3 ubiquitin protein ligase (RNF19A), transcript variant 1, mRNA;

variant 3, mRNA;  
-isoaspartate (D-aspartate) O-methyltransferase (PCMT1), transcript variant 3, mRNA; gi|354983496|re

001252073.1| Homo sapiens solute carrier family 9, subfamily A (NHE3, cation proton antiporter 3), me  
transcript variant 2, mRNA; gi|355330275|ref|NM\_001252078.1| Homo sapiens ubiquitin specific pept  
transcript variant 5, mRNA; gi|355390292|ref|NM\_001252091.1| Homo sapiens muscle RAS oncogene

transcript variant 1, mRNA;  
transcript variant 4, mRNA; gi|355390327|ref|NM\_001252102.1| Homo sapiens kinesin family member 2

ng serine/threonine kinase (PASK), transcript variant 5, mRNA; gi|355477265|ref|NM\_015148.3| Homc  
rotein complex 4, epsilon 1 subunit (AP4E1), transcript variant 1, mRNA;  
molog, U6 small nuclear RNA associated (S. cerevisiae) (LSM4), transcript variant 1, mRNA;

og, U6 small nuclear RNA associated (S. cerevisiae) (LSM1), transcript variant 3, non-coding RNA; gi|3564  
ref|NR\_038335.1| Homo sapiens clusterin (CLU), transcript variant 3, non-coding RNA;

or family 39 (zinc transporter), member 9 (SLC39A9), transcript variant 2, mRNA; gi|356460998|ref|NM\_  
associated protein 5 (GEMIN5), transcript variant 2, mRNA;

transcript variant 1, mRNA;

ame 24 (C9orf24), transcript variant 3, mRNA; gi|22219468|ref|NM\_147168.1| Homo sapiens chromo:  
it 4A (Rodgers blood group) (C4A), transcript variant 1, mRNA;  
e similarity 134, member B (FAM134B), transcript variant 2, mRNA;  
sapiens family with sequence similarity 19 (chemokine (C-C motif)-like), member A1 (FAM19A1), transc

age-dependent, beta 1 subunit (CACNB1), transcript variant 2, mRNA; gi|356582351|ref|NM\_199248.2  
revisiae) (SEC24A), transcript variant 1, mRNA;

sapiens family with sequence similarity 19 (chemokine (C-C motif)-like), member A4 (FAM19A4), transc

ce similarity 69, member A (FAM69A), transcript variant 1, mRNA; gi|356582453|ref|NM\_001252273.1  
UDP glucuronosyltransferase 2 family, polypeptide A1, complex locus (UGT2A1), transcript variant 2, ml  
actor (ligand) superfamily, member 8 (TNFSF8), transcript variant 1, mRNA;

osphate diphosphohydrolase 2 (ENTPD2), transcript variant 1, mRNA;  
omain containing ets transcription factor (SPDEF), transcript variant 1, mRNA;  
ding protein (C/EBP), gamma (CEBPG), transcript variant 2, mRNA;  
270265852|ref|NM\_001168374.1| Homo sapiens KIAA0319 (KIAA0319), transcript variant 3, mRNA; gi|  
RNA; gi|356640198|ref|NM\_001242507.2| Homo sapiens guanine deaminase (GDA), transcript variant

stinal) (CDH4), transcript variant 1, mRNA; gi|356640223|ref|NM\_001252339.1| Homo sapiens cadherin

uren syndrome chromosome region 22 (WBSR22), transcript variant 3, non-coding RNA; gi|356874773  
mRNA;

ipt variant 2, mRNA; gi|356874781|ref|NR\_045513.1| Homo sapiens 5', 3'-nucleotidase, cytosolic (NT5  
polypeptide (CGA), transcript variant 2, mRNA;  
nscript variant 7, mRNA; gi|356874792|ref|NM\_001252391.1| Homo sapiens TNFAIP3 interacting prot

FK29), transcript variant 2, mRNA;

s sterol O-acyltransferase 1 (SOAT1), nuclear gene encoding mitochondrial protein, transcript variant 3,

nRNA; gi|357588512|ref|NM\_001832.3| Homo sapiens colipase, pancreatic (CLPS), transcript variant 1,  
coding RNA; gi|357933595|ref|NM\_001252608.1| Homo sapiens thrombospondin 3 (THBS3), transcrip  
ant 4, mRNA; gi|357933600|ref|NM\_001014972.2| Homo sapiens zinc finger protein 638 (ZNF638), tra  
13|ref|NM\_002297.3| Homo sapiens lipocalin 1 (LCN1), transcript variant 1, mRNA; gi|357933616|ref|  
cleotide pyrophosphatase/phosphodiesterase 2 (ENPP2), transcript variant 3, mRNA; gi|357933633|ref|  
arrier family 8 (sodium/calcium exchanger), member 1 (SLC8A1), transcript variant A, mRNA; gi|163914  
RB), transcript variant 3, mRNA; gi|189491767|ref|NM\_000461.4| Homo sapiens thyroid hormone rece  
transcript variant 1, mRNA; gi|358001079|ref|NR\_045557.1| Homo sapiens URI1, prefoldin-like chaperone  
11 (all-trans/9-cis/11-cis) (RDH11), transcript variant 1, mRNA;  
foldin-like chaperone (UXT), transcript variant 1, mRNA; gi|358030259|ref|NR\_045560.1| Homo sapien  
iens solute carrier family 1 (glial high affinity glutamate transporter), member 2 (SLC1A2), transcript var  
C-like domain containing 1 (PP2D1), transcript variant 2, non-coding RNA;  
adaptor PTB domain containing 1 (GULP1), transcript variant 4, non-coding RNA; gi|358030329|ref|NR\_  
ise short-chain family member 1 (ACSS1), nuclear gene encoding mitochondrial protein, transcript varia  
gnal cointegrator 1 complex subunit 1 (ASCC1), transcript variant 2, mRNA; gi|358248236|ref|NM\_001  
t variant 1, mRNA; gi|358248274|ref|NM\_001252678.1| Homo sapiens Bardet-Biedl syndrome 4 (BBS4  
ant 4, mRNA; gi|358356393|ref|NM\_002948.3| Homo sapiens ribosomal protein L15 (RPL15), transcrip  
kinase with immunoglobulin-like and EGF-like domains 1 (TIE1), transcript variant 2, mRNA;  
oncogene homolog (avian) (CRK), transcript variant I, mRNA;  
(dystrophin-associated glycoprotein 1) (DAG1), transcript variant 1, mRNA; gi|358438270|ref|NM\_001  
ns cell adhesion molecule with homology to L1CAM (close homolog of L1) (CHL1), transcript variant 2, r  
e 1 (ISYNA1), transcript variant 2, mRNA; gi|358438348|ref|NR\_045574.1| Homo sapiens inositol-3-ph

occludens 2) (TJP2), transcript variant 1, mRNA; gi|318067950|ref|NM\_201629.3| Homo sapiens tight j

ipt variant 1, mRNA; gi|358679315|ref|NM\_001253698.1| Homo sapiens erbb2 interacting protein (ER

smembrane protein 2 (KREMEN2), transcript variant 6, mRNA; gi|359279856|ref|NM\_172229.2| Homo  
ke family peptide receptor 1 (RXFP1), transcript variant 2, mRNA; gi|359279885|ref|NR\_045580.1| Hor

RNA; gi|359279934|ref|NM\_001253750.1| Homo sapiens C-type lectin-like 1 (CLECL1), transcript varia  
anscript variant 1, mRNA;

1 (SRA1), transcript variant 2, mRNA; gi|359298505|ref|NM\_001035235.3| Homo sapiens steroid rece

sferase 1 (PRMT1), transcript variant 3, mRNA; gi|359338973|ref|NM\_001207042.2| Homo sapiens prc  
|359339007|ref|NR\_045589.1| Homo sapiens synaptotagmin VI (SYT6), transcript variant 3, non-codin

lement binding protein 3-like 2 (CREB3L2), transcript variant 1, mRNA;  
ant 1, mRNA; gi|359385689|ref|NM\_001253800.1| Homo sapiens zinc finger protein 331 (ZNF331), tra

i-like (LOC100506209), mRNA; gi|341915537|ref|XM\_003118626.2| PREDICTED: Homo sapiens TPR re  
440335), transcript variant 2, mRNA; gi|359385727|ref|NM\_001253793.1| Homo sapiens uncharacteri  
ant 1, mRNA;

anscript variant 1, mRNA;

it-like (RPP25L), transcript variant 2, mRNA;

lute carrier family 52, riboflavin transporter, member 2 (SLC52A2), transcript variant 2, mRNA; gi|35946  
., mRNA;

NM\_001253826.1| Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosam  
osphatase domain containing 1 (PTPDC1), transcript variant 4, mRNA; gi|359465591|ref|NM\_0012538  
nding protein 7 (IGFBP7), transcript variant 2, mRNA;

ly;

, transcript variant 1, mRNA;

containing T cell activation inhibitor 1 (VTCN1), transcript variant 1, mRNA; gi|359718943|ref|NM\_001  
ript variant 1, mRNA; gi|359718951|ref|NM\_172242.2| Homo sapiens sperm associated antigen 6 (SPA  
lex 11 (TRAPPC11), transcript variant 2, mRNA;

ions 1 homolog (S. cerevisiae) (MND1), transcript variant 2, mRNA; gi|359718975|ref|NR\_045605.1| H  
ens YME1-like 1 (S. cerevisiae) (YME1L1), nuclear gene encoding mitochondrial protein, transcript varian  
transcript variant 2, mRNA;

onsense transcripts homolog (yeast) (UPF2), transcript variant 1, mRNA;

n 6 (FBXL6), transcript variant 1, mRNA;  
script variant 1, mRNA; gi|359751396|ref|NM\_205845.2| Homo sapiens aldo-keto reductase family 1, r  
ase 1 (UXS1), transcript variant 3, mRNA; gi|359751463|ref|NM\_025076.4| Homo sapiens UDP-glucuro  
:ranscript variant 1, mRNA; gi|359751480|ref|NM\_001253882.1| Homo sapiens mediator complex sub  
GAT2), transcript variant 1, mRNA;  
:cript homolog (mouse) (MEST), transcript variant 6, mRNA; gi|359806837|ref|NM\_177525.2| Homo sa  
:ein complex 4, beta 1 subunit (AP4B1), transcript variant 1, mRNA; gi|359806949|ref|NM\_001253853.  
09.1| Homo sapiens aldo-keto reductase family 1, member C3 (3-alpha hydroxysteroid dehydrogenase,  
re-2/USP6, BUB2, cdc16) domain family, member 1 (TBC1D1), transcript variant 3, mRNA; gi|359807034  
:igenic determinant of recA protein homolog (mouse) (KIN), transcript variant 1, mRNA;

ype (MYBPC1), transcript variant 8, mRNA; gi|360039215|ref|NM\_206821.2| Homo sapiens myosin bin

rotein complex 4, sigma 1 subunit (AP4S1), transcript variant 1, mRNA; gi|361050333|ref|NM\_00125472

iens sperm antigen with calponin homology and coiled-coil domains 1-like (SPECC1L), transcript variant :  
X), transcript variant 1, mRNA;

NA;

ariant 1, mRNA;

omo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 1 (NDUFAF1), tran

apiens aminolevulinate, delta-, synthase 1 (ALAS1), nuclear gene encoding mitochondrial protein, transc

RNA;

ant 2, mRNA; gi|362999607|ref|NM\_001130017.2| Homo sapiens ADP-ribosyltransferase 3 (ART3), tra  
ted with NEDD4, 1 (BEAN1), transcript variant 3, mRNA; gi|362999962|ref|NM\_001178020.2| Homo sa  
; gi|363000207|ref|NM\_001254743.1| Homo sapiens parvin, gamma (PARVG), transcript variant 6, mR

ig 5 (RGS5), transcript variant 3, mRNA; gi|295842286|ref|NM\_003617.3| Homo sapiens regulator of G  
ne c reductase binding protein (UQCRB), nuclear gene encoding mitochondrial protein, transcript varian  
ron-sulfur cluster scaffold homolog (S. cerevisiae) (NFU1), nuclear gene encoding mitochondrial protein,  
RNA 1 (non-protein coding) (BOLA3-AS1), transcript variant 2, non-coding RNA; gi|363543317|ref|NR\_  
321|ref|NM\_001254750.1| Homo sapiens CD6 molecule (CD6), transcript variant 2, mRNA; gi|3635433  
ant 1, mRNA; gi|256221816|ref|NM\_001164309.1| Homo sapiens zinc finger protein 415 (ZNF415), tra  
ref|NM\_199076.2| Homo sapiens cyclin M2 (CNNM2), transcript variant 2, mRNA;

variant 2, mRNA;





ription factor 7 interacting protein 2 (ATF7IP2), transcript variant 1, mRNA; gi|371872713|ref|NR\_0458  
domains 1 (TMCO1), transcript variant 4, non-coding RNA; gi|371872798|ref|NM\_001256165.1| Homo

ript variant 2, mRNA;

ant 1, mRNA; gi|371873400|ref|NM\_001256167.1| Homo sapiens zinc finger protein 620 (ZNF620), tra  
nt 2, mRNA; gi|371873743|ref|NR\_045830.1| Homo sapiens zinc finger protein 85 (ZNF85), transcript \

cript variant 4, non-coding RNA; gi|371874366|ref|NM\_001256183.1| Homo sapiens ankyrin repeat d  
A; gi|371874502|ref|NM\_013346.3| Homo sapiens sorting nexin 12 (SNX12), transcript variant 2, mRN.

6 interacting protein (PDCD6IP), transcript variant 4, mRNA; gi|371875324|ref|NM\_001162429.2| Hon

a 3611 viral oncogene homolog (ARAF), transcript variant 2, mRNA; gi|371875962|ref|NM\_001256197.  
cript variant 3, mRNA; gi|371877524|ref|NM\_001256153.1| Homo sapiens arachidonate 5-lipoxygen  
s 2 (PGAP2), transcript variant 11, mRNA; gi|372266094|ref|NR\_045923.1| Homo sapiens post-GPI att  
ng, X-linked 4 (ARMCX4), transcript variant 4, non-coding RNA; gi|371940888|ref|NR\_045863.1| Homo  
xyguanosine kinase (DGUOK), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;  
transporting, alpha 3 polypeptide (ATP1A3), transcript variant 3, mRNA; gi|371940934|ref|NM\_15229  
nsferase 3 alpha (DNMT3A), transcript variant 4, mRNA; gi|371940994|ref|NM\_153759.3| Homo sapiei

gi|372220098|ref|NM\_001256268.1| Homo sapiens myopalladin (MYPN), transcript variant 5, mRNA; g  
module containing, mucin-like, hormone receptor-like 1 (EMR1), transcript variant 5, mRNA; gi|372266  
nscript variant 2, mRNA; gi|372266128|ref|NM\_001256265.1| Homo sapiens flightless I homolog (Dro  
nt tail domain containing 1 (IFLTD1), transcript variant 1, mRNA; gi|372266132|ref|NM\_152590.3| Hon  
variant 2, mRNA; gi|372266147|ref|NM\_001256270.1| Homo sapiens kinesin family member 22 (KIF22)  
ript variant 6, non-coding RNA; gi|372282476|ref|NM\_014588.5| Homo sapiens visual system homeob  
nt 3, mRNA; gi|372266176|ref|NM\_019591.3| Homo sapiens zinc finger protein 26 (ZNF26), transcript

h repeat and sterile alpha motif containing 1 (LRSAM1), transcript variant 4, mRNA; gi|372266184|ref|N

script variant 2, non-coding RNA;

|ref|NR\_045962.1| Homo sapiens keratin 8 (KRT8), transcript variant 4, non-coding RNA; gi|196162709  
oblastosis virus E26 oncogene homolog 2 (avian) (ETS2), transcript variant 2, mRNA;

-like polypeptide 5 (IGLL5), transcript variant 1, mRNA;

rived 2)-like 2 (NFE2L2), transcript variant 3, mRNA; gi|372620347|ref|NM\_001145412.2| Homo sapier  
transcript variant 1, mRNA; gi|372620356|ref|NR\_046008.1| Homo sapiens zinc finger, matrin-type 1 (z

riant 3, mRNA; gi|372622372|ref|NM\_001256312.1| Homo sapiens serine/threonine kinase 3 (STK3), ti  
Homo sapiens mercaptopyruvate sulfurtransferase (MPST), nuclear gene encoding mitochondrial protei

ate (N-acetylgalactosamine 4-O) sulfotransferase 9 (CHST9), transcript variant 3, mRNA;

|372626424|ref|NM\_001256308.1| Homo sapiens dystrobrevin, beta (DTNB), transcript variant 8, mRNA  
in dehydrogenase 15-(NAD) (HPGD), transcript variant 5, mRNA; gi|372626420|ref|NM\_001256305.1|  
rmination factor 1 (ETF1), transcript variant 1, mRNA; gi|372626427|ref|NR\_045994.1| Homo sapiens  
LS), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;  
CoA thioesterase 2 (ACOT2), transcript variant 2, non-coding RNA;  
nt 2, non-coding RNA;  
ot variant 7, mRNA; gi|373251215|ref|NR\_046051.1| Homo sapiens thiamine triphosphatase (THTPA),  
cript variant 2, mRNA; gi|373251220|ref|NM\_025072.6| Homo sapiens prostaglandin E synthase 2 (PTC  
ens chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha) (CXCL1), transcript  
373432601|ref|NM\_003266.3| Homo sapiens toll-like receptor 4 (TLR4), transcript variant 3, mRNA;  
helicase DNA binding protein 1-like (CHD1L), transcript variant 5, mRNA; gi|373432619|ref|NM\_00125  
coding RNA; gi|208609997|ref|NM\_006167.3| Homo sapiens NK3 homeobox 1 (NKX3-1), transcript var  
3), transcript variant 3, mRNA; gi|373432660|ref|NR\_046079.1| Homo sapiens sema domain, seven thr  
BE2L3), transcript variant 5, non-coding RNA; gi|373432681|ref|NM\_001256356.1| Homo sapiens ubiq  
nscript variant 1, mRNA;

9), transcript variant B, mRNA; gi|302495428|ref|NM\_031200.2| Homo sapiens chemokine (C-C motif)  
ain, SH3 domain and nuclear localization signals 1 (SAMSN1), transcript variant 2, mRNA;  
variant 2, mRNA; gi|373838709|ref|NM\_024680.3| Homo sapiens E2F transcription factor 8 (E2F8), tra

21), transcript variant 4, non-coding RNA; gi|373838719|ref|NM\_001256375.1| Homo sapiens unchar  
B (SSX4B), transcript variant 2, mRNA;

ome maintenance complex binding protein (MCMBP), transcript variant 3, mRNA; gi|373838726|ref|NI

(LRRC39), transcript variant 4, mRNA; gi|373838758|ref|NM\_144620.3| Homo sapiens leucine rich rep  
284581), transcript variant 1, non-coding RNA;

hannel, voltage-dependent, T type, alpha 1G subunit (CACNA1G), transcript variant 10, mRNA; gi|37343

A; gi|373938431|ref|NR\_046106.1| Homo sapiens nucleolar protein 8 (NOL8), transcript variant 3, non



lyadenylation specific factor 3-like (CPSF3L), transcript variant 1, mRNA; gi|374253851|ref|NM\_017871  
anscript variant 1, mRNA; gi|374349204|ref|NM\_001256468.1| Homo sapiens K(lysine) acetyltransfera

le exchange factor (GEF) 25 (ARHGEF25), transcript variant 4, non-coding RNA; gi|374349233|ref|NM\_(  
52730 (LOC100652730), transcript variant 1, non-coding RNA;  
09894 (LOC100509894), transcript variant 1, non-coding RNA;  
i7), transcript variant 1, mRNA;

ant 2, mRNA; gi|374429546|ref|NR\_046234.1| Homo sapiens WD repeat domain 92 (WDR92), transcrip  
, voltage gated, type VIII, alpha subunit (SCN8A), transcript variant 2, mRNA;  
cytidine monophosphate (UMP-CMP) kinase 2, mitochondrial (CMPK2), transcript variant 3, mRNA; gi|:

ss 2C, member 1 (MAN2C1), transcript variant 2, mRNA; gi|374532773|ref|NM\_006715.3| Homo sapie

05695 (LOC100505695), transcript variant 1, non-coding RNA;

(EPHX2), transcript variant 2, mRNA; gi|374532803|ref|NM\_001256484.1| Homo sapiens epoxide hydr  
A 1 (non-protein coding) (FGD5-AS1), transcript variant 3, non-coding RNA; gi|374532809|ref|NR\_0462  
1), transcript variant 1, mRNA;  
i32820|ref|NM\_001256487.1| Homo sapiens golgin B1 (GOLGB1), transcript variant 3, mRNA; gi|37453  
.16479 (LOC100216479), transcript variant 3, non-coding RNA; gi|374532825|ref|NR\_046258.1| Homo  
ript variant 4, mRNA; gi|264681534|ref|NM\_001167675.1| Homo sapiens cell adhesion molecule 2 (C/  
C (TBC1D10C), transcript variant 3, non-coding RNA; gi|374671769|ref|NM\_198517.3| Homo sapiens TI

omo sapiens single-stranded DNA binding protein 1 (SSBP1), nuclear gene encoding mitochondrial prote

nt 2, mRNA; gi|374671825|ref|NR\_046282.1| Homo sapiens zinc finger protein 74 (ZNF74), transcript v  
28511 (LOC100128511), transcript variant 1, non-coding RNA;

89092 (LOC100289092), transcript variant 3, non-coding RNA; gi|374717323|ref|NR\_046288.1| Homo  
STO1), transcript variant 6, non-coding RNA; gi|374717334|ref|NR\_046293.1| Homo sapiens misato hc  
lomo sapiens solute carrier family 25 (mitochondrial carrier; citrate transporter), member 1 (SLC25A1), t  
egregation increased 2 pseudogene 4 (PMS2P4), transcript variant 2, non-coding RNA; gi|374717344|re

ie 8 (PRMT8), transcript variant 2, mRNA;  
e carrier family 6 (neutral amino acid transporter), member 15 (SLC6A15), transcript variant 2, mRNA; g  
homolog (yeast) (NOP16), transcript variant 2, mRNA; gi|374858052|ref|NM\_016391.5| Homo sapien:  
14), transcript variant 1, mRNA;  
t variant PBR-S, non-coding RNA; gi|375065826|ref|NM\_001256531.1| Homo sapiens translocator pro

pt variant 1, mRNA;  
M126B), transcript variant 1, mRNA; gi|375065839|ref|NM\_001256546.1| Homo sapiens transmembra  
i), transcript variant 1, mRNA; gi|380036032|ref|NM\_001257101.1| Homo sapiens polycomb group rin  
membrane protein, palmitoylated 5 (MAGUK p55 subfamily member 5) (MPP5), transcript variant 2, mF  
(E. coli) (NEIL1), transcript variant 1, mRNA; gi|375065855|ref|NM\_024608.3| Homo sapiens nei endo

osomal organelles complex-1, subunit 2 (BLOC1S2), transcript variant 2, non-coding RNA; gi|375151560  
ranscript variant 1, mRNA;

ombin) receptor-like 2 (F2RL2), transcript variant 2, mRNA;  
nicotinic, beta 4 (neuronal) (CHRNA4), transcript variant 1, mRNA;  
nteracting protein, binding protein 2 (liprin beta 2) (PPFIBP2), transcript variant 2, mRNA; gi|375151571  
otinic, alpha 4 (neuronal) (CHRNA4), transcript variant 3, non-coding RNA; gi|375151584|ref|NM\_0012

ortex 1 (with BTB-like domain) (ENC1), transcript variant 3, mRNA; gi|375268721|ref|NM\_001256574.1  
intestinal) (GPX2), transcript variant 3, non-coding RNA; gi|375163498|ref|NR\_046320.1| Homo sapiens

YPC), transcript variant 2, mRNA; gi|375268692|ref|NM\_001256584.1| Homo sapiens glycophorin C (G

ase (GAMT), transcript variant 2, mRNA;  
mRNA; gi|375268700|ref|NM\_001003794.2| Homo sapiens monoglyceride lipase (MGLL), transcript v

r, nicotinic, alpha 7 (neuronal) (CHRNA7), transcript variant 1, mRNA; gi|375493495|ref|NR\_046324.1|

ase RNA 1 (non-protein coding) (KDM5B-AS1), transcript variant 2, non-coding RNA;  
ng frame 22 (C8orf22), transcript variant 1, mRNA; gi|375298669|ref|NM\_001256596.1| Homo sapiens  
RIM46), transcript variant 2, mRNA; gi|375298679|ref|NM\_001256601.1| Homo sapiens tripartite mol  
ng frame 85 (C1orf85), transcript variant 3, mRNA; gi|375298687|ref|NM\_144580.2| Homo sapiens chr  
tamine (serotonin) receptor 3E, ionotropic (HTR3E), transcript variant 2, mRNA; gi|375298704|ref|NM\_

mplex associated protein 2 (TUBGCP2), transcript variant 3, mRNA; gi|375298721|ref|NR\_046330.1| H

ading frame 28 (C10orf28), transcript variant 1, mRNA; gi|375298728|ref|NM\_138469.2| Homo sapien

transcript variant 3, mRNA; gi|375298751|ref|NR\_046332.1| Homo sapiens BR serine/threonine kinase  
variant 1, mRNA; gi|375331878|ref|NM\_001256643.1| Homo sapiens leukotriene A4 hydrolase (LTA4H  
family 1, group H, member 2 (NR1H2), transcript variant 1, mRNA;

, mRNA; gi|375331893|ref|NM\_001256648.1| Homo sapiens zinc finger protein 43 (ZNF43), transcript  
!), transcript variant 6, mRNA; gi|375331912|ref|NM\_001256659.1| Homo sapiens TEA domain family r  
r, nicotinic, delta (muscle) (CHRNA4), transcript variant 1, mRNA; gi|375331916|ref|NR\_046333.1| Hom  
3, mRNA; gi|375331939|ref|NM\_130443.3| Homo sapiens dipeptidyl-peptidase 3 (DPP3), transcript var  
!), transcript variant 2, mRNA; gi|375364514|ref|NM\_001256695.1| Homo sapiens PR domain containi

A;

family, member 6 (LARP6), transcript variant 1, mRNA;  
i (EIF5), transcript variant 1, mRNA;

rase, alpha subunit (RABGGTA), transcript variant 2, mRNA;  
1, subunit 4 (delta) (CCT4), transcript variant 1, mRNA;

ioside induced differentiation associated protein 1 (GDAP1), transcript variant 2, mRNA; gi|108773796|  
ript variant 7, mRNA; gi|375493504|ref|NM\_001256674.1| Homo sapiens stomatin (EPB72)-like 1 (STO  
493517|ref|NM\_001256680.1| Homo sapiens KIAA0391 (KIAA0391), transcript variant 4, mRNA; gi|375

ne zipper kinase (MELK), transcript variant 8, mRNA; gi|375493529|ref|NM\_014791.3| Homo sapiens r  
ding frame 173 (C9orf173), transcript variant 2, mRNA; gi|375493558|ref|NM\_001256701.1| Homo sa  
transcript variant 1, mRNA; gi|375493567|ref|NR\_046341.1| Homo sapiens ubiquitin specific peptidase  
tyric acid (GABA) A receptor, rho 1 (GABRR1), transcript variant 3, mRNA; gi|375493573|ref|NM\_00125

omplex subunit 10 (ANAPC10), transcript variant 1, mRNA; gi|376319265|ref|NR\_046345.1| Homo sapi  
factor 3 (DNAAF3), transcript variant 4, mRNA; gi|375493597|ref|NM\_001256715.1| Homo sapiens dy

ion-metastatic cells 7, protein expressed in (nucleoside-diphosphate kinase) (NME7), transcript variant 1

E2J2), transcript variant 3, mRNA; gi|37577123|ref|NM\_058167.2| Homo sapiens ubiquitin-conjugating

domain (NCKIPSD), transcript variant 2, mRNA;

ynthetase (LIAS), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;

anscript variant 3, mRNA;

t 1, mRNA;

ubiquitin protein ligase (RNF128), transcript variant 2, mRNA;

(ZDHC16), transcript variant 3, mRNA; gi|37594446|ref|NM\_198045.1| Homo sapiens zinc finger, DHF

9), transcript variant 2, mRNA; gi|376000080|ref|NM\_006590.3| Homo sapiens ubiquitin specific pept  
/l isomerase domain and WD repeat containing 1 (PPWD1), transcript variant 3, non-coding RNA; gi|376

protein 2 (SSBP2), transcript variant 5, mRNA; gi|376319228|ref|NM\_001256734.1| Homo sapiens sing  
nglioside induced differentiation associated protein 1-like 1 (GDAP1L1), transcript variant 3, mRNA; gi|3

scription complex, subunit 10 (CNOT10), transcript variant 2, mRNA; gi|376319245|ref|NM\_015442.2|

cript variant 1, mRNA;  
mRNA;

mRNA;

ig site associated, antigen, 9 (EBAG9), transcript variant 2, mRNA;  
ne 48 (C15orf48), transcript variant 2, mRNA;

A; gi|37704383|ref|NM\_173460.1| Homo sapiens defensin, beta 119 (DEFB119), transcript variant 2, n  
script variant 2, mRNA; gi|57165360|ref|NM\_152470.2| Homo sapiens ring finger protein 165 (RNF165  
ame 32 (C3orf32), transcript variant 1, mRNA; gi|377520101|ref|NM\_001256749.1| Homo sapiens chr  
i-like (PEX5L), transcript variant 3, mRNA; gi|377520126|ref|NM\_001256756.1| Homo sapiens peroxisc  
roxytryptamine (serotonin) receptor 2A, G protein-coupled (HTR2A), transcript variant 1, mRNA;  
hydroxytryptamine (serotonin) receptor 2C, G protein-coupled (HTR2C), transcript variant 3, mRNA; gi|1  
nce similarity 49, member B (FAM49B), transcript variant 2, mRNA; gi|377520145|ref|NR\_046359.1| H  
M161A), transcript variant 1, mRNA;

ciated protein 1 light chain 3 alpha (MAP1LC3A), transcript variant 1, mRNA;

channel, voltage-dependent, L type, alpha 1F subunit (CACNA1F), transcript variant 1, mRNA; gi|377823  
31626 (LOC100131626), transcript variant 2, non-coding RNA;

P2X, ligand-gated ion channel, 4 (P2RX4), transcript variant 4, non-coding RNA; gi|378404898|ref|NR\_C  
ding frame 112 (C20orf112), transcript variant 2, mRNA;  
ate dehydrogenase (GAPDH), transcript variant 1, mRNA;  
RNA 1 (non-protein coding) (MRVI1-AS1), transcript variant 2, non-coding RNA; gi|378548184|ref|NR\_  
RNA;

I (GRM4), transcript variant 8, non-coding RNA; gi|378548207|ref|NM\_000841.2| Homo sapiens glutan

'af1, RNA polymerase II associated factor, homolog (S. cerevisiae) (PAF1), transcript variant 1, mRNA; gi



no sapiens ubiquitin-like with PHD and ring finger domains 2, E3 ubiquitin protein ligase (UHRF2), transcript variant 1, mRNA;

n channel 1 (ASIC1), transcript variant 3, mRNA; gi|378744191|ref|NR\_046389.1| Homo sapiens acid-s  
iant 1, mRNA; gi|378744210|ref|NM\_006912.5| Homo sapiens Ras-like without CAAX 1 (RIT1), transcri  
ibosyltransferase domain containing 1 (QTRTD1), transcript variant 3, mRNA; gi|378786665|ref|NM\_0C  
ant 1, mRNA;  
RNA;

mRNA; gi|378824463|ref|NM\_001256847.1| Homo sapiens active BCR-related (ABR), transcript varian  
variant 1, mRNA; gi|378925609|ref|NR\_046398.1| Homo sapiens XIAP associated factor 1 (XAF1), trans  
channel 3 (ASIC3), transcript variant 2, mRNA; gi|378925619|ref|NM\_020322.3| Homo sapiens acid-sens

E3 ubiquitin protein ligase (RNF34), transcript variant 2, mRNA; gi|378925640|ref|NM\_194271.2| Hom  
se (DNA directed), delta 1, catalytic subunit 125kDa (POLD1), transcript variant 1, mRNA; gi|379030590  
redoxin domain containing 12 (endoplasmic reticulum) (TXNDC12), transcript variant 1, mRNA; gi|3790:  
lucin repeat containing E3 ubiquitin protein ligase (BTRC), transcript variant 2, mRNA; gi|379030594|ref

ase (DNA directed), delta 2, regulatory subunit 50kDa (POLD2), transcript variant 2, mRNA; gi|37905638

ted protein (FN3KRP), transcript variant 1, mRNA;  
e (DNA-directed), delta 3, accessory subunit (POLD3), transcript variant 1, mRNA; gi|379030612|ref|NR  
, subfamily C, member 6 (DNAJC6), transcript variant 1, mRNA; gi|379030616|ref|NM\_001256865.1| H

elta 4 (POLD4), transcript variant 5, non-coding RNA; gi|379056366|ref|NR\_046412.1| Homo sapiens pc  
transcript variant 1, mRNA;  
ains 1 (KANK1), transcript variant 2, mRNA; gi|379056375|ref|NM\_001256877.1| Homo sapiens KN r

protein 1A (CHMP1A), transcript variant 1, mRNA; gi|379139238|ref|NR\_046418.1| Homo sapiens char  
30.3| Homo sapiens sorcin (SRI), transcript variant 1, mRNA; gi|379317148|ref|NM\_001256892.1| Hon

: 7 (CLCN7), transcript variant 1, mRNA;

elicase 21 (DDX21), transcript variant 2, mRNA;  
imilarity 26, member D (FAM26D), transcript variant 4, mRNA; gi|379642578|ref|NM\_001256888.1| H

anscript variant 2, mRNA; gi|188536035|ref|NM\_024843.3| Homo sapiens cytochrome b reductase 1 (c  
e similarity 211, member A (FAM211A), transcript variant 2, mRNA;  
itive 2 (CLCN2), transcript variant 2, mRNA; gi|379642987|ref|NM\_001171089.2| Homo sapiens chloric

: 4 (CLCN4), transcript variant 1, mRNA;  
ame 86 (C1orf86), transcript variant 6, non-coding RNA; gi|379643025|ref|NR\_046425.1| Homo sapien  
MBNL2), transcript variant 1, mRNA;

E. coli) (IDNK), transcript variant 4, non-coding RNA; gi|379642550|ref|NM\_001256915.1| Homo sapie  
isitive 6 (CLCN6), transcript variant 1, mRNA; gi|379698825|ref|NM\_001256959.1| Homo sapiens chlor  
otein X 1, E3 ubiquitin protein ligase (LNX1), transcript variant 2, mRNA;  
DC51), transcript variant 2, mRNA; gi|379698838|ref|NM\_001256964.1| Homo sapiens coiled-coil dom  
ien reading frame 32 (C12orf32), transcript variant 2, mRNA; gi|380034212|ref|NR\_046433.1| Homo sc

apiens smg-6 homolog, nonsense mediated mRNA decay factor (C. elegans) (SMG6), transcript variant 4,

nker protein 1 (CLIP1), transcript variant 3, mRNA; gi|38044111|ref|NM\_198240.1| Homo sapiens CAP

ng of precursor 5, ribonuclease P/MRP subunit (S. cerevisiae) (POP5), transcript variant 1, mRNA;

, transcript variant 1, mRNA;  
ase (HPD), transcript variant 2, mRNA;

ive Kb (CLCNKB), transcript variant 2, mRNA;  
s-related cysteine peptidase (CASP1), transcript variant 6, mRNA; gi|380254453|ref|NM\_033293.3| Homo

96|ref|NM\_001257133.1| Homo sapiens COX14 cytochrome c oxidase assembly homolog (S. cerevisiae  
exchange factor (GEF) 11 (ARHGEF11), transcript variant 2, mRNA;

t 1, mRNA;  
anscript variant 2, mRNA; gi|380420334|ref|NM\_001257137.1| Homo sapiens itchy E3 ubiquitin protei  
pseudogene) (MAFIP), transcript variant 3, non-coding RNA; gi|380420344|ref|NR\_046440.1| Homo sapiens

istribution E homolog (A. nidulans)-like 1 (NDEL1), transcript variant 1, mRNA;  
iant 5, non-coding RNA; gi|380422400|ref|NR\_046445.1| Homo sapiens CLR pseudogene (LOC374443)  
e family (ELK1), transcript variant 1, mRNA; gi|380422414|ref|NM\_005229.4| Homo sapiens ELK1, mer

}), transcript variant c, mRNA; gi|38045889|ref|NM\_198124.1| Homo sapiens CUB and Sushi multiple d  
rotein (NM23A) expressed in (NME1), transcript variant 2, mRNA;

zyme 3 (UBA3), transcript variant 2, mRNA;

nRNA;

asp) box polypeptide 19B (DDX19B), transcript variant 3, mRNA; gi|380503834|ref|NM\_001257172.1| Homo  
gi|380503850|ref|NM\_001105209.2| Homo sapiens laminin, alpha 4 (LAMA4), transcript variant 5, mRNA;

rier family 20 (phosphate transporter), member 2 (SLC20A2), transcript variant 2, mRNA; gi|380503861

variant 3, mRNA; gi|166235128|ref|NM\_017415.2| Homo sapiens kelch-like 3 (Drosophila) (KLHL3), tr  
 nscript variant 3, mRNA; gi|380692318|ref|NM\_001257158.1| Homo sapiens centrosomal protein 41k  
 elicase 56 (DDX56), transcript variant 2, mRNA;  
 284260), transcript variant 1, non-coding RNA; gi|380692332|ref|NR\_046458.1| Homo sapiens unchar

eoporin (POM121), transcript variant 1, mRNA;

ref|NM\_003590.4| Homo sapiens cullin 3 (CUL3), transcript variant 1, mRNA;  
 ehydrogenase 1 (soluble) (GPD1), transcript variant 2, mRNA;

rial intermediate peptidase pseudogene 3 (MIPEPP3), transcript variant 1, non-coding RNA;

1), transcript variant 10, mRNA; gi|380748952|ref|NM\_001257212.1| Homo sapiens fibroblast growth

script variant 2, mRNA; gi|380862361|ref|NM\_001166118.2| Homo sapiens 5'-nucleotidase, cytosolic I  
 uence similarity 169, member A (FAM169A), transcript variant 1, mRNA;

script variant 1, mRNA; gi|224451130|ref|NM\_001142801.1| Homo sapiens eyes shut homolog (Drosoj

ine exocytosis 1 (RIMS1), transcript variant 5, mRNA; gi|270288799|ref|NM\_001168408.1| Homo sapie  
 apiens solute carrier family 9, subfamily A (NHE1, cation proton antiporter 1), member 1 (SLC9A1), trans

c control homolog (S. cerevisiae)-like 2 (DIS3L2), transcript variant 3, mRNA; gi|381214350|ref|NM\_001  
 mo sapiens solute carrier family 9, subfamily A (NHE7, cation proton antiporter 7), member 7 (SLC9A7), i  
 3a (FKBP14), transcript variant 1, mRNA; gi|381342473|ref|NR\_046478.1| Homo sapiens FK506 binding  
 variant 2, non-coding RNA;

enine-specific DNA methyltransferase 1 (putative) (N6AMT1), transcript variant 1, mRNA; gi|381388751  
 pressed seven transmembrane protein (DCSTAMP), transcript variant 2, mRNA;  
 iens amyloid beta (A4) precursor protein-binding, family B, member 1 (Fe65) (APBB1), transcript variant

growth factor-related protein 2 (HDGFRP2), transcript variant 1, mRNA;

arity 189, member B (FAM189B), transcript variant 1, mRNA;

eoprotein polypeptides B and B1 (SNRPB), transcript variant 1, mRNA;

riant 3, mRNA; gi|38176288|ref|NM\_031205.2| Homo sapiens calcium binding protein 1 (CABP1), trans

U01610|ref|NM\_170607.2| Homo sapiens MAX-like protein X (MLX), transcript variant 3, mRNA;  
53), transcript variant 3, mRNA;  
51), transcript variant 3, mRNA; gi|38201666|ref|NM\_198219.1| Homo sapiens inhibitor of growth fam

1 meiotic protein covalently bound to DSB homolog (*S. cerevisiae*) (SPO11), transcript variant 1, mRNA;

1a (Schmidt-Ruppin A-2) viral oncogene homolog (avian) (SRC), transcript variant 2, mRNA;

ray protein 3 (WISP3), transcript variant 1, mRNA;

ript variant 3, mRNA;  
non-protein coding) (AIRN), transcript variant 1, non-coding RNA;  
57334.1| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial F1 complex, alpha subunit 1, card

mRNA; gi|383087753|ref|NM\_198591.2| Homo sapiens basigin (Ok blood group) (BSG), transcript varia  
ontaining 14 (SAMD14), transcript variant 1, mRNA;

ninase 2 (AMPD2), transcript variant 2, mRNA; gi|55925573|ref|NM\_203404.1| Homo sapiens adenosin

d 3 (non-protein coding) (MEG3), transcript variant 7, non-coding RNA; gi|381140030|ref|NR\_046469.1

ar gene encoding mitochondrial protein, transcript variant 1, mRNA;

rotein coupled, 10 (P2RY10), transcript variant 1, mRNA;  
rotein (SH3 domain) binding protein 1 (G3BP1), transcript variant 1, mRNA;

!7565|ref|NM\_198434.1| Homo sapiens aurora kinase A (AURKA), transcript variant 3, mRNA; gi|38327

:643837), transcript variant 7, non-coding RNA; gi|383276540|ref|NR\_047520.1| Homo sapiens unchar  
pseudogene (KGFLP1), transcript variant 2, non-coding RNA;

t antisense RNA (non-protein coding) (HOTAIR), transcript variant 2, non-coding RNA; gi|383286742|ref  
00602.4| Homo sapiens serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type  
Ig-like lectin, pseudogene 3 (SIGLECP3), transcript variant 2, non-coding RNA; gi|383387810|ref|NR\_04

mRNA; gi|218751902|ref|NM\_003109.1| Homo sapiens Sp1 transcription factor (SP1), transcript varian

1 2A (CHMP2A), transcript variant 1, mRNA;

change factor (GEF) 1 (RAPGEF1), transcript variant 2, mRNA;

variant 1, mRNA;

|NM\_005572.3| Homo sapiens lamin A/C (LMNA), transcript variant 2, mRNA;  
transcript variant 1, mRNA;

f|NM\_206901.2| Homo sapiens reticulon 2 (RTN2), transcript variant 3, mRNA;  
183|ref|NM\_148414.2| Homo sapiens ataxin 2-like (ATXN2L), transcript variant C, mRNA; gi|38379218  
E2 variant 1 (UBE2V1), transcript variant 2, mRNA; gi|383872485|ref|NM\_022442.5| Homo sapiens ubi

3), transcript variant 4, mRNA; gi|383872618|ref|NM\_183229.2| Homo sapiens IKAROS family zinc fing  
iant 2, mRNA;

ariant 3, mRNA; gi|384229045|ref|NM\_001113755.2| Homo sapiens thymidine phosphorylase (TYMP),  
ethyltransferase 2 homolog A (S. cerevisiae) (TRMT2A), transcript variant 1, mRNA;

ehydrogenase 1-like (HSD11B1L), transcript variant e, mRNA; gi|38424082|ref|NM\_198708.1| Homo s

NA;

2 (TCEA2), transcript variant 2, mRNA;

ie EP3) (PTGER3), transcript variant 2, non-coding RNA; gi|89276762|ref|NM\_198715.2| Homo sapiens

ant 1, mRNA;

ns solute carrier family 12 (sodium/potassium/chloride transporters), member 2 (SLC12A2), transcript v

; member 8B (with GRAM domain) (TBC1D8B), transcript variant 1, mRNA;

ot variant 1, mRNA; gi|38679976|ref|NM\_198839.1| Homo sapiens acetyl-CoA carboxylase alpha (ACAC

: variant 1, mRNA;

e 108 (C6orf108), transcript variant 2, mRNA;

actor (acidic) intracellular binding protein (FIBP), transcript variant 2, mRNA;



ranscript variant 1, mRNA; gi|38683863|ref|NM\_018703.3| Homo sapiens retinoblastoma binding prot

mRNA;

i containing phosphatase (tensin 2) (TENC1), transcript variant 3, mRNA; gi|38787940|ref|NM\_015319.

A-associated) (NOL6), transcript variant gamma, mRNA;

piens transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase) (TGM2), trans  
change factor (GEF) 1 (ARHGEF1), transcript variant 2, mRNA; gi|39777605|ref|NM\_199002.1| Homo s

ipt variant 2, mRNA; gi|39812018|ref|NM\_198969.1| Homo sapiens amino-terminal enhancer of split (

82545143|ref|NM\_001257328.1| Homo sapiens arrestin, beta 2 (ARRB2), transcript variant 3, mRNA; g  
nRNA;  
Homo sapiens mannosyl (alpha-1,6-)-glycoprotein beta-1,6-N-acetyl-glucosaminyltransferase, isozyme E

kinase inhibitor 2D (p19, inhibits CDK4) (CDKN2D), transcript variant 1, mRNA;

LH), transcript variant 4, mRNA; gi|39995087|ref|NM\_002820.2| Homo sapiens parathyroid hormone-li

ASTK), transcript variant 1, mRNA;

ame 118 (C14orf118), transcript variant 2, mRNA;

l, mRNA;  
ning, apoptosis associated protein 1 (THAP1), transcript variant 2, mRNA;

ant 1, mRNA;

ne 63 (C11orf63), transcript variant 2, mRNA;

regulator 4 (TBRG4), transcript variant 1, mRNA; gi|40217809|ref|NM\_199122.1| Homo sapiens transfi

receptor, family C, group 5, member C (GPC5C), transcript variant 1, mRNA;  
;

ime 48 (CXorf48), transcript variant 1, mRNA;

ats and immunoglobulin-like domains 3 (LRIG3), transcript variant 1, mRNA;

(FAM123A), transcript variant 2, mRNA;  
ide diphosphate linked moiety X)-type motif 1 (NUDT1), transcript variant 3A, mRNA; gi|40288285|ref|

RNA;

ipt variant 1, mRNA;  
transcript variant 1, mRNA;

ductive organ-expressed (TNFRSF1A modulator) (BRE), transcript variant 2, mRNA; gi|40353758|ref|NM

nscrip variant 2, mRNA;

RNA;

2, mRNA;  
membrane protein 1 (synaptobrevin 1) (VAMP1), transcript variant 1, mRNA; gi|40549445|ref|NM\_195

-Horan syndrome (congenital cataracts and dental anomalies) (NHS), transcript variant 2, mRNA;

1, antagonist of FGF signaling (Drosophila) (SPRY1), transcript variant 1, mRNA;

: epsilon (COPE), transcript variant 2, mRNA; gi|40805821|ref|NM\_007263.3| Homo sapiens coatamer  
constitutive photomorphogenic homolog subunit 8 (Arabidopsis) (COPS8), transcript variant 1, mRNA;

94862251|ref|NM\_001177598.1| Homo sapiens thrombopoietin (THPO), transcript variant 3, mRNA;

f|NM\_199367.1| Homo sapiens spastic paraplegia 7 (pure and complicated autosomal recessive) (SPG7,

variant 2, mRNA;

E3 ubiquitin protein ligase 2 (WWP2), transcript variant 1, mRNA; gi|40806208|ref|NM\_199423.1| Homo

riptide variant 4, mRNA; gi|40806217|ref|NM\_014174.2| Homo sapiens thymocyte nuclear protein 1 (THN  
e) (ZFP64), transcript variant 1, mRNA; gi|162417981|ref|NM\_199427.2| Homo sapiens zinc finger prot

transcript variant 1, mRNA; gi|40807442|ref|NM\_199413.1| Homo sapiens protein regulator of cytokinesi

mRNA;

transcript variant 2, mRNA;

F11-like protein ENSP00000332601-like (LOC391767), mRNA;  
containing 33 (ZBTB33), transcript variant 1, mRNA;

transcript variant 1, mRNA;

ow stromal cell-derived) (UBL7), transcript variant 1, mRNA;

ctor family member VI (PAQR6), transcript variant 1, mRNA;

84.1 | Homo sapiens plectin (PLEC), transcript variant 11, mRNA; gi|41322913|ref|NM\_201383.1| Hom

; gi|41327722|ref|NM\_138806.3| Homo sapiens CD200 receptor 1 (CD200R1), transcript variant 1, mR

transcript variant 3, mRNA; gi|41327731|ref|NM\_201282.1| Homo sapiens epidermal growth factor recei

peptide 47 (DDX47), transcript variant 2, mRNA;

|41327786|ref|NM\_199074.1| Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex,

transcript variant 1, mRNA;

leucine-rich repeat protein (PRELP), transcript variant 1, mRNA;

variant 2, mRNA; gi|41349461|ref|NM\_199438.1| Homo sapiens PR domain containing 10 (PRDM10), tra

i|192449446|ref|NM\_001128834.1| Homo sapiens proteolipid protein 1 (PLP1), transcript variant 3, m

mRNA;

transcript variant 2, mRNA; gi|41872499|ref|NM\_201554.1| Homo sapiens diacylglycerol kinase, alpha

NM\_001428.1| Homo sapiens reticulon 3 (RTN3), transcript variant 2, mRNA; gi|41393611|ref|NM\_006033|DS/AF-6) domain family member 6 (RASSF6), transcript variant 1, mRNA;  
Homo sapiens heat shock 60kDa protein 1 (chaperonin) (HSPD1), nuclear gene encoding mitochondrial prote

mRNA; gi|195546918|ref|NM\_001130831.1| Homo sapiens growth arrest-specific 7 (GAS7), transcript variant 1, mRNA;

subfamily C, member 12 (DNAJC12), transcript variant 2, mRNA;

subfamily containing leucine-rich repeat (ISLR), transcript variant 1, mRNA; gi|11871959|ref|NM\_201523.1| Homo sapiens kinesin light chain 4 (KLC4), transcript variant 3, mRNA; gi|1343|ref|NM\_201439.1| Homo sapiens periphilin 1 (PPHLN1), transcript variant 3, mRNA; gi|219842241

Homo sapiens transient receptor potential cation channel, subfamily C, member 4 associated protein (TRPC4) (SRF accessory protein 1) (ELK4), transcript variant a, mRNA; NM\_018534.3| Homo sapiens neuropilin 2 (NRP2), transcript variant 4, mRNA; gi|41872571|ref|NM\_2

: variant 4, mRNA; gi|194473743|ref|NM\_001039492.2| Homo sapiens four and a half LIM domains 2 (FLN4)

2, mRNA; gi|58332446|ref|NM\_153687.2| Homo sapiens IKBKB interacting protein (IKBIP), transcript variant 1, 19/37kDa (GTF2A1), transcript variant 2, mRNA; gi|42476104|ref|NM\_201592.1| Homo sapiens glycoprotein M6A (GPM6A), transcript variant 3, mRNA;

(S. pombe) (CDC25A), transcript variant 2, mRNA;



ript variant 3, mRNA; gi|42516566|ref|NM\_015017.3| Homo sapiens ubiquitin specific peptidase 33 (U'

rcan anchor biosynthesis, class C (PIGC), transcript variant 1, mRNA;  
s solute carrier family 28 (sodium-coupled nucleoside transporter), member 1 (SLC28A1), transcript vari

mily, member 1 (GIPC1), transcript variant 5, mRNA; gi|42544143|ref|NM\_202468.1| Homo sapiens Gl

transcription factor) (ELF2), transcript variant 1, mRNA;  
l99|ref|NM\_201552.1| Homo sapiens fibrinogen-like 1 (FGL1), transcript variant 3, mRNA; gi|42544188

5, mRNA; gi|42544219|ref|NM\_201539.1| Homo sapiens NDRG family member 2 (NDRG2), transcript v

ipt variant 2, mRNA;

or-related 1 (herpesvirus entry mediator C) (PVRL1), transcript variant 2, mRNA; gi|90265812|ref|NM\_(

subunit 1 (CNOT1), transcript variant 2, mRNA;

ranscript variant 1, mRNA; gi|42718014|ref|NM\_203291.1| Homo sapiens retinoblastoma binding prot

nt 2, mRNA;

A;

gene (hepatocyte growth factor receptor) (MET), transcript variant 1, mRNA;

transcript variant 4, mRNA; gi|42741674|ref|NM\_203352.1| Homo sapiens PDZ and LIM domain 7 (enig

ipt variant 2, mRNA;

ing frame 141 (C20orf141), transcript variant 2, mRNA;

ain family member 3 (ACSL3), transcript variant 1, mRNA;

ain family member 5 (ACSL5), transcript variant 1, mRNA; gi|42794759|ref|NM\_203380.1| Homo sapien

kinase kinase kinase 3 (MAP3K3), transcript variant 1, mRNA;

l), transcript variant 1, mRNA; gi|42794607|ref|NM\_203384.1| Homo sapiens ribonuclease/angiogenin

ne 81 (C17orf81), transcript variant 3, mRNA; gi|44662829|ref|NM\_015362.3| Homo sapiens chromosc

t 3, mRNA; gi|44680111|ref|NM\_004414.5| Homo sapiens regulator of calcineurin 1 (RCAN1), transcrip

ome, macropain) assembly chaperone 1 (PSMG1), transcript variant 2, mRNA;

ariant 1, mRNA; gi|44680123|ref|NM\_203294.1| Homo sapiens tripartite motif containing 7 (TRIM7), t

family 23 (nucleobase transporters), member 2 (SLC23A2), transcript variant 2, mRNA;

1|ref|NM\_005563.3| Homo sapiens stathmin 1 (STMN1), transcript variant 3, mRNA; gi|44890051|ref|

05368.2| Homo sapiens myoglobin (MB), transcript variant 1, mRNA;  
nscript variant gamma, mRNA; gi|44955890|ref|NM\_001656.3| Homo sapiens tripartite motif containir

2), transcript variant 2, mRNA; gi|30581149|ref|NM\_178331.1| Homo sapiens gonadotropin-releasing

:XCR3), transcript variant 2, mRNA;

transcript variant 1, mRNA;

te (common) type (ACYP1), transcript variant 1, mRNA;

1), transcript variant 1, mRNA;

.4 (LGALS14), transcript variant 1, mRNA;  
ranscript variant D, mRNA; gi|45439328|ref|NM\_022825.2| Homo sapiens porcupine homolog (Drosop  
iant 5, non-coding RNA; gi|322302003|ref|NR\_037792.1| Homo sapiens leucine rich repeat protein 1 (

1 (TCEA1), transcript variant 1, mRNA;

peptide 42 (DDX42), transcript variant 1, mRNA;

5, group A, member 2 (NR5A2), transcript variant 1, mRNA;

iant 2, mRNA;  
variant 2, mRNA; gi|45545422|ref|NM\_182960.2| Homo sapiens PRELI domain containing 2 (PRELID2),

ipt variant 1, mRNA;

iber C (CLEC4C), transcript variant 2, mRNA;  
nscript variant 1, mRNA;

mmunoglobulin-like receptor (OSCAR), transcript variant 3, mRNA; gi|150417965|ref|NM\_133169.3| H

nscript variant 1, mRNA;

; member 9B (with GRAM domain) (TBC1D9B), transcript variant 2, mRNA;  
ig protein-like 3 (nucleolar) (GNL3), transcript variant 1, mRNA; gi|45643126|ref|NM\_206825.1| Homo  
ant 1, mRNA;

CNC homology 1, basic leucine zipper transcription factor 1 (BACH1), transcript variant 1, mRNA; gi|237

protein (MRAP), transcript variant 1, mRNA;  
cript variant 1, mRNA;

e complex, subunit 1 (VKORC1), transcript variant 2, mRNA;

1, catalytic subunit, alpha isozyme (PPP1CA), transcript variant 2, mRNA; gi|56790944|ref|NM\_00100

IA;

tosolic, 1C, member 2 (SULT1C2), transcript variant 1, mRNA;

ranscript variant 2, mRNA;

factor receptor (TNFRSF16) associated protein 1 (NGFRAP1), transcript variant 3, mRNA; gi|46094061|

e 106 (C6orf106), transcript variant 2, mRNA;

3 4-domains, subfamily A, member 7 (MS4A7), transcript variant 3, mRNA; gi|46249358|ref|NM\_20694

en in melanoma (PRAME), transcript variant 5, mRNA; gi|46249370|ref|NM\_206955.1| Homo sapiens p  
1, catalytic subunit, beta isozyme (PPP1CB), transcript variant 1, mRNA;

ty 83, member A (FAM83A), transcript variant 1, mRNA;

3, member B (FAM3B), transcript variant 1, mRNA;

FTCD), transcript variant B, mRNA;

tor responder (tazarotene induced) 1 (RARRES1), transcript variant 1, mRNA;



mRNA; gi|254540127|ref|NM\_001163423.1| Homo sapiens zinc finger protein 580 (ZNF580), transcript variant 1, mRNA

is viral oncogene homolog (avian) (MYB), transcript variant 6, mRNA; gi|194328728|ref|NM\_00113017

f|NM\_207033.1| Homo sapiens endothelin 3 (EDN3), transcript variant 3, mRNA; gi|46370058|ref|NM

ref|NM\_000401.3| Homo sapiens exostosin 2 (EXT2), transcript variant 1, mRNA;

NA; gi|46370079|ref|NM\_207036.1| Homo sapiens transcription factor 12 (TCF12), transcript variant 1

89559|ref|NM\_207047.1| Homo sapiens endosulfine alpha (ENSA), transcript variant 7, mRNA; gi|463

ant 1, mRNA;

, transcript variant 4, mRNA; gi|46397315|ref|NM\_152911.2| Homo sapiens polyamine oxidase (exo-N-  
transcript variant 2, mRNA; gi|46397368|ref|NM\_207119.1| Homo sapiens leucine rich repeat contain

88008|ref|NM\_017611.2| Homo sapiens solute carrier family 43, member 3 (SLC43A3), mRNA;

INL1), transcript variant 2, mRNA; gi|46411173|ref|NM\_207297.1| Homo sapiens muscleblind-like splic

mega) receptor 2 (IFNAR2), transcript variant 1, mRNA; gi|46488933|ref|NM\_000874.3| Homo sapiens i  
protein kinase 70kDa (ZAP70), transcript variant 1, mRNA;

sub-family G (WHITE), member 1 (ABCG1), transcript variant 6, mRNA; gi|46592914|ref|NM\_004915.3  
t variant 1, mRNA;

ase-related protein type 1 (LPPR1), transcript variant 2, mRNA;

pt variant 2, mRNA;

2, c-fos interacting (USF2), transcript variant 2, mRNA;

endent, catalytic, alpha (PRKACA), transcript variant 1, mRNA;

DAM15), transcript variant 5, mRNA; gi|46909595|ref|NM\_207195.1| Homo sapiens ADAM metallope

transcript variant 2, mRNA; gi|259089452|ref|NM\_001165039.1| Homo sapiens GDNF family receptor al

transcript variant 1, mRNA;

(S. pombe) (CDC25B), transcript variant 2, mRNA; gi|47078252|ref|NM\_021873.2| Homo sapiens cell d

al:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 4 (B4GALT4), transcript variant 2, mRNA;

9 (zinc transporter), member 3 (SLC39A3), transcript variant 1, mRNA;

is signal transducer and activator of transcription 3 (acute-phase response factor) (STAT3), transcript var

oma viral oncogene homolog (HRAS), transcript variant 2, mRNA; gi|194363761|ref|NM\_001130442.1

ation (RalGDS/AF-6) and pleckstrin homology domains 1 (RAPH1), transcript variant 1, mRNA;

ript variant 3, mRNA; gi|47132520|ref|NM\_005798.3| Homo sapiens tripartite motif containing 13 (TRI

variant 2, mRNA; gi|47132528|ref|NM\_005418.3| Homo sapiens suppression of tumorigenicity 5 (ST5)

RNA; gi|341823697|ref|NM\_001243137.1| Homo sapiens phosphodiesterase 8A (PDE8A), transcript va

IM\_212482.1| Homo sapiens fibronectin 1 (FN1), transcript variant 1, mRNA; gi|47132552|ref|NM\_212

Homo sapiens protein kinase, cAMP-dependent, regulatory, type I, alpha (tissue specific extinguisher 1)

; 45kDa, alpha polypeptide (DFFA), transcript variant 1, mRNA;

kinase inhibitor 2B (p15, inhibits CDK4) (CDKN2B), transcript variant 1, mRNA;

4 homolog B (S. cerevisiae) (ATG4B), transcript variant 1, mRNA;

script variant 2, mRNA;

RNA;

n 4 (PSG4), transcript variant 1, mRNA;  
SNK2A1), transcript variant 2, mRNA; gi|47419903|ref|NM\_177560.2| Homo sapiens casein kinase 2, α  
riptide variant 2, mRNA;

pt variant 2, mRNA; gi|47419913|ref|NM\_004184.3| Homo sapiens tryptophanyl-tRNA synthetase (W/  
504.2| Homo sapiens decorin (DCN), transcript variant B, mRNA; gi|47419921|ref|NM\_133507.2| Hom  
riptide variant 3, mRNA; gi|47458044|ref|NM\_014154.2| Homo sapiens armadillo repeat containing 8 (AR  
medium-chain family member 3 (ACSM3), transcript variant 1, mRNA;

TM\_020532.4| Homo sapiens reticulon 4 (RTN4), transcript variant 1, mRNA; gi|47519538|ref|NM\_0070  
4;

amine (serotonin) receptor 3D, ionotropic (HTR3D), transcript variant 3, mRNA; gi|223468704|ref|NM\_  
1), transcript variant 1, mRNA; gi|47524176|ref|NM\_022963.2| Homo sapiens fibroblast growth factor r

ame 132 (C20orf132), transcript variant 2, mRNA; gi|194595500|ref|NM\_152503.4| Homo sapiens chr  
osphatidylinositol-3,4,5-trisphosphate-dependent Rac exchange factor 2 (PREX2), transcript variant 2, n  
d 3 (ARMCX3), transcript variant 3, mRNA; gi|47578119|ref|NM\_016607.3| Homo sapiens armadillo rep

nt 3, non-coding RNA; gi|14602430|ref|NM\_032454.1| Homo sapiens serine/threonine kinase 19 (STK:  
mRNA;

nsporting, lysosomal 50/57kDa, V1 subunit H (ATP6V1H), transcript variant 3, mRNA; gi|47717103|ref|ZFYVE9), transcript variant 1, mRNA; gi|6552336|ref|NM\_007323.1| Homo sapiens zinc finger, FYVE do

kinase 1/MAP3K7 binding protein 1 (TAB1), transcript variant beta, mRNA;  
v1), transcript variant 2, mRNA;

(LSR), transcript variant 2, mRNA; gi|47777759|ref|NM\_015925.5| Homo sapiens lipolysis stimulated l  
ant 3, mRNA; gi|47778928|ref|NM\_001001419.1| Homo sapiens SMAD family member 5 (SMAD5), tra

anscript variant 1, mRNA;

riant 1, mRNA;  
yme E2W (putative) (UBE2W), transcript variant 2, mRNA;  
carrier family 2 (facilitated glucose transporter), member 9 (SLC2A9), transcript variant 1, mRNA;

variant 4, mRNA; gi|48255880|ref|NM\_001001431.1| Homo sapiens troponin T type 2 (cardiac) (TNNT  
SH), transcript variant 1, mRNA;  
\_003070.3| Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of chromatin,

iscript variant 1, mRNA;

f|NM\_021075.3| Homo sapiens NADH dehydrogenase (ubiquinone) flavoprotein 3, 10kDa (NDUFV3), ni  
[CD44), transcript variant 6, mRNA; gi|48255942|ref|NM\_001001392.1| Homo sapiens CD44 molecule  
ng, plasma membrane 1 (ATP2B1), transcript variant 1, mRNA;

2), transcript variant 1, mRNA;

anscript variant 1, mRNA;

mic acid-rich protein (SH3BGR), transcript variant 1, mRNA;  
iant 7, mRNA; gi|48762733|ref|NM\_001001575.1| Homo sapiens phosphodiesterase 9A (PDE9A), trans

containing 11 (FBXW11), transcript variant 1, mRNA; gi|48928045|ref|NM\_033644.2| Homo sapiens F-b

up W, member 1 (ERVW-1), transcript variant 2, mRNA;

variant 2, mRNA;

AV (embryonic lethal, abnormal vision, Drosophila)-like 3 (Hu antigen C) (ELAVL3), transcript variant 1, n

), transcript variant 2, mRNA;



RNA; gi|50263047|ref|NM\_001001995.1| Homo sapiens glycoprotein M6B (GPM6B), transcript variant

variant 2, mRNA;

, transcript variant 3, mRNA; gi|50312662|ref|NM\_006447.2| Homo sapiens ubiquitin specific peptidas

expressed 1 (HN1), transcript variant 1, mRNA; gi|50345291|ref|NM\_001002033.1| Homo sapiens hen

;

A; gi|50345987|ref|NM\_001001973.1| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial F1

5990|ref|NM\_001001975.1| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial F1 complex,

factor 6 interacting protein 4 (ARL6IP4), transcript variant 3, mRNA; gi|50409690|ref|NM\_001002252.

ex subunit 11 (ANAPC11), transcript variant 4, mRNA; gi|50409780|ref|NM\_001002247.1| Homo sapier

reast) (EPSTI1), transcript variant 2, mRNA;

ir and WD repeat domain 2, E3 ubiquitin protein ligase (RWD2), transcript variant 2, mRNA;

int 1, mRNA;

membrane-associated ring finger (C3HC4) 8, E3 ubiquitin protein ligase (MARCH8), transcript variant 6,

9|ref|NM\_001174124.1| Homo sapiens golgin A7 (GOLGA7), transcript variant 3, mRNA;

eductase 2 (GMPR2), transcript variant 4, mRNA; gi|50541955|ref|NM\_016576.3| Homo sapiens guanc  
t 2, mRNA;

3H14), transcript variant 4, mRNA; gi|231570120|ref|NM\_001160103.1| Homo sapiens zinc finger CCC  
anscript variant 4, mRNA; gi|50557653|ref|NM\_173191.2| Homo sapiens Kv channel interacting protei

pair 1 (SFR1), transcript variant 2, mRNA;

mosomes 4 (SMC4), transcript variant 1, mRNA;

), transcript variant 2, mRNA;

A; gi|50659068|ref|NM\_001002027.1| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial Fo

egation 4-20 homolog 1 (Drosophila) (SUV420H1), transcript variant 1, mRNA;

tidase domain containing associated with muscle regeneration 1 (PAMR1), transcript variant 2, mRNA;

ript variant 2, mRNA; gi|50811870|ref|NM\_017661.2| Homo sapiens zinc finger protein 280D (ZNF280I

ranscript variant 1, mRNA;

t 1, mRNA; gi|158966690|ref|NM\_001110215.1| Homo sapiens centromere protein M (CENPM), trans

trial, embryonic (MYL4), transcript variant 2, mRNA;

, member 1 (OR8G1), non-coding RNA;

ein 1-like 2 (AFAP1L2), transcript variant 2, mRNA;

ulator 1 (XPO1 dependent) (HCFC1R1), transcript variant 1, mRNA; gi|50952465|ref|NM\_001002017.1|

0959101|ref|NM\_001002877.1| Homo sapiens THO complex 5 (THOC5), transcript variant 3, mRNA; gi|

cript variant 1, mRNA;

taryl-CoA dehydrogenase (GCDH), nuclear gene encoding mitochondrial protein, transcript variant 2, mF

D1), transcript variant 1, mRNA;

osome region, candidate 5 (CECR5), transcript variant 1, mRNA;

annel, voltage-dependent, T type, alpha 1I subunit (CACNA1I), transcript variant 2, mRNA;

imilarity 129, member B (FAM129B), transcript variant 2, mRNA;

nodulin-dependent (PDE1A), transcript variant 2, mRNA;

variant 1, mRNA; gi|51173712|ref|NM\_001003407.1| Homo sapiens actin binding LIM protein 1 (ABLIW  
containing, 1 (BRPF1), transcript variant 2, mRNA;

ant 1, mRNA;

cript variant 4, mRNA; gi|51173743|ref|NM\_001003395.1| Homo sapiens tumor protein D52-like 1 (TP

ariant 1, mRNA;

NM\_013387.3| Homo sapiens ubiquinol-cytochrome c reductase, complex III subunit X (UQCR10), trans  
ating protein, alpha subunit 1 (catalytic) (RALGAPA1), transcript variant 1, mRNA;

, transcript variant 1, mRNA;

cript variant 1, mRNA;

iolin (SYVN1), transcript variant 2, mRNA;

h-histone chromosome protein 2-like 1 (*S. cerevisiae*) (NHP2L1), transcript variant 1, mRNA;

nolog (yeast) (GLE1), transcript variant 2, mRNA;

esterol esterase (LIPA), transcript variant 1, mRNA;

22 (LOC391722), mRNA;

F11-like protein ENSP00000332601-like (LOC391766), mRNA;

transcript variant 1, mRNA; gi|145275182|ref|NM\_130390.2| Homo sapiens tripartite motif containing 3  
transcript variant 2, mRNA;

NM\_003078.3| Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of chromatin  
138.3| Homo sapiens heterogeneous nuclear ribonucleoprotein D (AU-rich element RNA binding protein

4;

79136|ref|NM\_001003696.1| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial Fo complex,

9150|ref|NM\_006356.2| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial Fo complex, subunit  
D2), transcript variant 1, mRNA;

1B (CDY1B), transcript variant 2, mRNA;

1A; gi|51558700|ref|NM\_001003942.1| Homo sapiens Bcl2 modifying factor (BMF), transcript variant 3

in frame 49 (C11orf49), transcript variant 1, mRNA; gi|51558750|ref|NM\_001003678.1| Homo sapiens

ant 1, mRNA;

9.1| Homo sapiens TCR gamma alternate reading frame protein (TARP), nuclear gene encoding mitochon  
dricity tyrosine-(Y)-phosphorylation regulated kinase 3 (DYRK3), transcript variant 2, mRNA;

3e (MANBAL), transcript variant 1, mRNA;

(PHACTR3), transcript variant 4, mRNA; gi|34304353|ref|NM\_183244.1| Homo sapiens phosphatase ar

betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 5 (B3GALT5), transcript variant 4, mRNA; gi|154

mo sapiens Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2 (CITED2)

29), transcript variant 2, mRNA;

4 (GRK4), transcript variant 2, mRNA; gi|51873042|ref|NM\_182982.2| Homo sapiens G protein-coupled receptor 193, member A (FAM193A), transcript variant 3, non-coding RNA; gi|375331933|ref|NM\_0012561

NM\_001004019.1| Homo sapiens fibulin 2 (FBLN2), transcript variant 1, mRNA;

mRNA;



cript variant 2, mRNA;

SLC30A10), transcript variant 2, non-coding RNA;

ly 30 (zinc transporter), member 2 (SLC30A2), transcript variant 1, mRNA;





ase A2, group VI (cytosolic, calcium-independent) (PLA2G6), transcript variant 1, mRNA; gi|313760591|

piens family with sequence similarity 19 (chemokine (C-C motif)-like), member A3 (FAM19A3), transcrip

l, transcript variant 1, mRNA;

358681|ref|NM\_001160333.1| Homo sapiens neurofascin (NFASC), transcript variant 6, mRNA; gi|237853729317|ref|NM\_032997.2| Homo sapiens ZW10 interactor (ZWINT), transcript variant 2, mRNA; 6, group A, member 1 (NR6A1), transcript variant 1, mRNA; membrane-associated ring finger (C3HC4) 2, E3 ubiquitin protein ligase (MARCH2), transcript variant 3, .2| Homo sapiens mitochondrial translational initiation factor 2 (MTIF2), nuclear gene encoding mitochon

358681|ref|NM\_001160333.1| Homo sapiens neurofascin (NFASC), transcript variant 6, mRNA; gi|237853729317|ref|NM\_032997.2| Homo sapiens ZW10 interactor (ZWINT), transcript variant 2, mRNA; 6, group A, member 1 (NR6A1), transcript variant 1, mRNA; membrane-associated ring finger (C3HC4) 2, E3 ubiquitin protein ligase (MARCH2), transcript variant 3, .2| Homo sapiens mitochondrial translational initiation factor 2 (MTIF2), nuclear gene encoding mitochon

358681|ref|NM\_001160333.1| Homo sapiens neurofascin (NFASC), transcript variant 6, mRNA; gi|237853729317|ref|NM\_032997.2| Homo sapiens ZW10 interactor (ZWINT), transcript variant 2, mRNA; 6, group A, member 1 (NR6A1), transcript variant 1, mRNA; membrane-associated ring finger (C3HC4) 2, E3 ubiquitin protein ligase (MARCH2), transcript variant 3, .2| Homo sapiens mitochondrial translational initiation factor 2 (MTIF2), nuclear gene encoding mitochon

358681|ref|NM\_001160333.1| Homo sapiens neurofascin (NFASC), transcript variant 6, mRNA; gi|237853729317|ref|NM\_032997.2| Homo sapiens ZW10 interactor (ZWINT), transcript variant 2, mRNA; 6, group A, member 1 (NR6A1), transcript variant 1, mRNA; membrane-associated ring finger (C3HC4) 2, E3 ubiquitin protein ligase (MARCH2), transcript variant 3, .2| Homo sapiens mitochondrial translational initiation factor 2 (MTIF2), nuclear gene encoding mitochon

member A (POTEA), transcript variant 1, mRNA;

IEURL4), transcript variant 2, mRNA;

SF3A1), transcript variant 2, mRNA;

channel, voltage-dependent, T type, alpha 1H subunit (CACNA1H), transcript variant 2, mRNA;

member A (CLEC10A), transcript variant 2, mRNA;

cript variant 1, mRNA; gi|342307089|ref|NM\_001243197.1| Homo sapiens IQ motif and Sec7 domain 2

cript variant 2, mRNA;

SF3B1), transcript variant 2, mRNA;

variant b, mRNA;

int 1, mRNA;

channel, voltage-dependent, alpha 2/delta subunit 2 (CACNA2D2), transcript variant 1, mRNA; gi|29129

NA; gi|54112405|ref|NM\_145862.2| Homo sapiens checkpoint kinase 2 (CHEK2), transcript variant 2, n

nscrip variant 2, mRNA; gi|54144623|ref|NM\_003744.5| Homo sapiens numb homolog (Drosophila) (N

02), transcript variant 2, mRNA;

g 54 homolog (*S. cerevisiae*) (VPS54), transcript variant 1, mRNA;

d 2), 45kDa (NFE2), transcript variant 2, mRNA;

54607034|ref|NM\_000213.3| Homo sapiens integrin, beta 4 (ITGB4), transcript variant 1, mRNA;

33), transcript variant 1, mRNA;  
transcript variant 1, mRNA;

4.1| Homo sapiens sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semapho

ne 37 (C3orf37), transcript variant 2, mRNA;  
ranscript variant 2, mRNA;

g 13 homolog D (*S. cerevisiae*) (VPS13D), transcript variant 2, mRNA;

ref|NM\_006474.4| Homo sapiens podoplanin (PDPN), transcript variant 1, mRNA; gi|54792059|ref|NM\_006474.4| Homo sapiens podoplanin (PDPN), transcript variant 1, mRNA;  
 precursor of mif two 3 homolog 1 (S. cerevisiae) (SUMO1), transcript variant 2, mRNA; gi|54792063|ref|NM\_006474.4| Homo sapiens podoplanin (PDPN), transcript variant 1, mRNA;  
 precursor of mif two 3 homolog 2 (S. cerevisiae) (SUMO2), transcript variant 2, mRNA;

'92095|ref|NM\_004448.2| Homo sapiens v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, n (CHRM2), transcript variant 1, mRNA; gi|54792116|ref|NM\_001006632.1| Homo sapiens cholinergic re

t 2, mRNA;

(RHGAP17), transcript variant 2, mRNA;

apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3F (APOBEC3F), transcript variant 1,

t 1, mRNA;

ase, aminophospholipid transporter, class I, type 8B, member 2 (ATP8B2), transcript variant 1, mRNA;

nuclear receptor interacting factor 1 (LRIF1), transcript variant 2, mRNA;

t 3, mRNA; gi|55925647|ref|NM\_000994.3| Homo sapiens ribosomal protein L32 (RPL32), transcript va

i kinase, 90kDa, polypeptide 1 (RPS6KA1), transcript variant 1, mRNA;

i kinase, 90kDa, polypeptide 2 (RPS6KA2), transcript variant 1, mRNA;

i kinase, 90kDa, polypeptide 4 (RPS6KA4), transcript variant 1, mRNA;

transcript variant 2, mRNA; gi|55743144|ref|NM\_001006613.1| Homo sapiens WW domain binding pr

or A (SII)-like 1 (TCEAL1), transcript variant 3, mRNA; gi|55749405|ref|NM\_001006639.1| Homo sapiens

or A (SII)-like 3 (TCEAL3), transcript variant 2, mRNA;

or A (SII)-like 4 (TCEAL4), transcript variant 1, mRNA; gi|55749458|ref|NM\_001006937.1| Homo sapiens

or A (SII)-like 8 (TCEAL8), transcript variant 1, mRNA;

in) (SDCBP), transcript variant 2, mRNA; gi|55749514|ref|NM\_001007069.1| Homo sapiens syndecan b

'1L), transcript variant 2, mRNA;

DENND1A), transcript variant 1, mRNA;

RNA;

t 1, mRNA; gi|296010922|ref|NM\_001178099.1| Homo sapiens zinc finger protein 182 (ZNF182), trans

ontaining 2 (ZSCAN2), transcript variant 1, mRNA; gi|227452254|ref|NM\_017894.5| Homo sapiens zinc



member 1 (GOSR1), transcript variant 2, mRNA; gi|55774986|ref|NM\_004871.2| Homo sapiens golgi S

[ARHGAP25), transcript variant 3, mRNA; gi|261399910|ref|NM\_001166277.1| Homo sapiens Rho GTP;

;

sociated protein 7 (GEMIN7), transcript variant 3, mRNA; gi|55953071|ref|NM\_001007269.1| Homo sa

ranule membrane) (GP2), transcript variant 4, mRNA; gi|55953078|ref|NM\_001007240.1| Homo sapiei

nsient receptor potential cation channel, subfamily M, member 3 (TRPM3), transcript variant 9, mRNA; g

IA;

), transcript variant 2, mRNA;

t variant 2, mRNA; gi|55953122|ref|NM\_015952.2| Homo sapiens RWD domain containing 1 (RWDD1)

nber 3 (IGSF3), transcript variant 2, mRNA;

variant 2, mRNA;

sembly associated (yeast) (SFI1), transcript variant 2, mRNA;

NM\_003073.3| Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of chroma

variant 2, mRNA; gi|55956894|ref|NM\_001007239.1| Homo sapiens methyltransferase like 13 (METTL1)

kinase kinase kinase 4 (MAP3K4), transcript variant 2, mRNA;

nucleoprotein A/B (HNRNPAB), transcript variant 2, mRNA;

P13), transcript variant 1, mRNA; gi|56237017|ref|NM\_016364.3| Homo sapiens dual specificity phosph

ariant 4, mRNA; gi|56117831|ref|NM\_001007229.1| Homo sapiens speckle-type POZ protein (SPOP), tr

ition, chromosome 18 (SS18), transcript variant 1, mRNA;

inase, receptor, type 1 (NTRK1), transcript variant 1, mRNA; gi|59889556|ref|NM\_002529.3| Homo sa

actor 2 mRNA binding protein 2 (IGF2BP2), transcript variant 1, mRNA;

ilarity 13, member A (FAM13A), transcript variant 2, mRNA;

hotransferase 1 (CEPT1), transcript variant 2, mRNA;

1, mRNA;

f|NM\_001008212.1| Homo sapiens optineurin (OPTN), transcript variant 3, mRNA; gi|56549106|ref|NM

7), transcript variant 3, mRNA; gi|56549130|ref|NM\_001008528.1| Homo sapiens matrix-remodelling a  
136|ref|NM\_001008272.1| Homo sapiens transgelin 3 (TAGLN3), transcript variant 2, mRNA;

|NM\_006155.1| Homo sapiens septin 2 (SEPT2), transcript variant 2, mRNA; gi|56550108|ref|NM\_004

ript variant 1, mRNA;

· 3 (SLC41A3), transcript variant 4, mRNA; gi|56549670|ref|NM\_017836.3| Homo sapiens solute carrier  
1| Homo sapiens CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase-I  
transcript variant 2, mRNA;  
script variant 1, mRNA;

antigen with coiled-coil domains and ankyrin repeats (UACA), transcript variant 1, mRNA;

L (CGGBP1), transcript variant 2, mRNA; gi|305855077|ref|NM\_001195308.1| Homo sapiens CGG triple

recombination 11 homolog A (S. cerevisiae) (MRE11A), transcript variant 1, mRNA;

/A1), transcript variant 1, mRNA; gi|56549650|ref|NM\_006489.2| Homo sapiens neuro-oncological ver

tein family member 3 (TPPP3), mRNA;

† (AKAP14), transcript variant 3, mRNA; gi|56682936|ref|NM\_178813.5| Homo sapiens A kinase (PRKA)

ranscript variant 2, mRNA; gi|56682944|ref|NM\_001006681.1| Homo sapiens spindlin family, member 2E  
h factor receptor pathway substrate 15 (EPS15), transcript variant 2, mRNA;

mRNA; gi|56699400|ref|NM\_052901.2| Homo sapiens solute carrier family 25 (mitochondrial carrier; ph

ript variant pmx-1a, mRNA;  
, transcript variant 1, mRNA;

1 (C6orf1), transcript variant 3, mRNA; gi|56786148|ref|NM\_001008703.1| Homo sapiens chromosom  
variant 2, mRNA;  
iscript variant 1, mRNA;

ivated protein kinase associated protein 1 (MAPKAP1), transcript variant 1, mRNA; gi|56788398|ref|NM

XCR4), transcript variant 2, mRNA;  
associated protein like 1 (EML1), transcript variant 1, mRNA;

iple splicing (RBPMS), transcript variant 1, mRNA; gi|57164970|ref|NM\_001008711.1| Homo sapiens R  
lle) associated protein 2 (GEMIN2), transcript variant alpha, mRNA; gi|57165349|ref|NM\_001009182.1

2, mRNA;

L), transcript variant 1, mRNA;

184.1| Homo sapiens glutamate receptor, ionotropic, N-methyl D-aspartate-associated protein 1 (glutar

t 1, mRNA;

7242780|ref|NM\_130439.3| Homo sapiens MAX interactor 1 (MXI1), transcript variant 2, mRNA;

odiesterase, acid-like 3B (SMPDL3B), transcript variant 1, mRNA;

, transcript variant 2, mRNA;

nce 4 (BCAS4), transcript variant 3, mRNA; gi|60498979|ref|NM\_198799.2| Homo sapiens breast carc

ame 124 (C1orf124), transcript variant 2, mRNA;

!30), transcript variant 1, mRNA; gi|58331118|ref|NM\_014145.4| Homo sapiens transmembrane prote

mRNA;

P1, subunit 6A (zeta 1) (CCT6A), transcript variant 2, mRNA;

t 2, mRNA;

WSB1), transcript variant 2, mRNA;

anscript variant 2, mRNA;

ie family (RAP1A), transcript variant 1, mRNA;

taining 1 (GLT8D1), transcript variant 1, mRNA; gi|58331224|ref|NM\_001010983.1| Homo sapiens glyc

omain containing 3 (DALRD3), transcript variant 2, mRNA;

ain, 67kDa) (GAD1), transcript variant GAD67, mRNA;

cytoskeletal calmodulin and titin-interacting RhoGEF (OBSCN), transcript variant 2, mRNA;

nt 9, mRNA; gi|58331261|ref|NM\_001009958.1| Homo sapiens zinc finger protein 655 (ZNF655), trans



piens abhydrolase domain containing 11 (ABHD11), transcript variant 5, non-coding RNA; gi|223941841  
transcript variant 2, mRNA; gi|58430945|ref|NM\_001009934.1| Homo sapiens deoxyribonuclease I-like

DSTN), transcript variant 2, mRNA;

1\_014685.2| Homo sapiens homocysteine-inducible, endoplasmic reticulum stress-inducible, ubiquitin-li  
. (IP6K1), transcript variant 3, mRNA; gi|58530860|ref|NM\_153273.3| Homo sapiens inositol hexakisph  
, transcript variant 2, mRNA; gi|58530866|ref|NM\_001011548.1| Homo sapiens melanoma antigen far  
nscript variant 1, mRNA;

with factor (hepapoietin A; scatter factor) (HGF), transcript variant 4, mRNA; gi|58533168|ref|NM\_0006  
t associated protein 2 (CDK5RAP2), transcript variant 1, mRNA;

ucleotide exchange factor (GEF) 10-like (ARHGEF10L), transcript variant 2, mRNA;  
ous nuclear ribonucleoprotein A1-like 2 (HNRNPA1L2), transcript variant 2, mRNA;

8 (HAUS8), transcript variant 2, mRNA;

x-coiled-coil-helix domain containing 7 (CHCHD7), transcript variant 2, mRNA; gi|58761515|ref|NM\_00

y tyrosine-(Y)-phosphorylation regulated kinase 1B (DYRK1B), transcript variant c, mRNA; gi|4758221|r

ate 1 (GRIK1), transcript variant 2, mRNA;

ant 1, mRNA;

.ECT1), transcript variant 2, mRNA;

ranscript variant 2, mRNA;

REG3G), transcript variant 1, mRNA;

t 1, mRNA;

eductase (STEAP3), transcript variant 1, mRNA; gi|56549146|ref|NM\_001008410.1| Homo sapiens STE

IC5), transcript variant 3, mRNA; gi|59859879|ref|NM\_001012270.1| Homo sapiens baculoviral IAP rep  
CTNNBIP1), transcript variant 1, mRNA;

oting factor 2) (MDK), transcript variant 2, mRNA; gi|59894791|ref|NM\_001012334.1| Homo sapiens r  
iding protein 5 (CREB5), transcript variant 1, mRNA; gi|59938771|ref|NM\_182899.3| Homo sapiens cAl

cript variant 1, mRNA; gi|59938782|ref|NM\_147233.2| Homo sapiens nuclear receptor coactivator 1 (N

/cell adhesion molecule-like (OPCML), transcript variant 1, mRNA;  
iscript variant 1, mRNA;

542|ref|NM\_022810.1| Homo sapiens solute carrier family 25 (mitochondrial carrier, brain), member 1

variant 1, mRNA;

1, mRNA;

tor 2 (U2AF2), transcript variant 2, mRNA;

transcript variant 1, mRNA; gi|60302913|ref|NM\_001012516.1| Homo sapiens integral membrane protein

protein kinase-1 (PDPK1), transcript variant 1, mRNA;

maintaining 2 (retina-specific) (AOC2), transcript variant 2, mRNA;

; gi|60498990|ref|NM\_138457.2| Homo sapiens forkhead box P4 (FOXP4), transcript variant 2, mRNA;

member 2 (GOSR2), transcript variant C, mRNA; gi|60499002|ref|NM\_054022.2| Homo sapiens golgi SNAIL

piens HECT and RLD domain containing E3 ubiquitin protein ligase family member 6 (HERC6), transcript v  
i|ref|NM\_001012634.1| Homo sapiens interleukin 32 (IL32), transcript variant 5, mRNA; gi|61639465|r

t 1, mRNA;  
ylase subunit 2 homolog (S. pombe) (CTU2), transcript variant 2, mRNA;

one receptor (GNRHR), transcript variant 2, mRNA;

nscript variant 1, mRNA;

cript variant 1, mRNA;  
script variant 3, mRNA; gi|61742792|ref|NM\_001013255.1| Homo sapiens lymphocyte-specific proteir

olecule (Lutheran blood group) (BCAM), transcript variant 2, mRNA;  
transcript variant 1, mRNA; gi|37221181|ref|NM\_194455.1| Homo sapiens KRIT1, ankyrin repeat conta

I\_001026213.1| Homo sapiens cytochrome P450, family 11, subfamily B, polypeptide 1 (CYP11B1), nucl  
is F-box and WD repeat domain containing 7, E3 ubiquitin protein ligase (FBXW7), transcript variant 4, n

l, mRNA;  
er 5 (prostate associated) (PAGE5), transcript variant 1, mRNA;  
ranscript variant 2, mRNA;

ipt variant 1, mRNA;  
: 2, mRNA;

ot variant B, mRNA; gi|61744425|ref|NM\_001012965.1| Homo sapiens kallikrein-related peptidase 6 (K  
PDE5A), transcript variant 2, mRNA; gi|301500649|ref|NM\_033437.3| Homo sapiens phosphodiesteras  
-activated receptor alpha (PPARA), transcript variant 5, mRNA;

agen/fibrinogen domain containing lectin) 2 (hucolin) (FCN2), transcript variant SV1, mRNA;

transcript variant 1, mRNA; gi|61744453|ref|NM\_001012720.1| Homo sapiens retinal G protein coupli  
A;

ling protein (G protein), beta 5 (GNB5), transcript variant 1, mRNA;

ranscript variant 1, mRNA;

, transcript variant 2, mRNA;  
tNA;

ia viral oncogene homolog 1 (AKT1), transcript variant 2, mRNA; gi|62241010|ref|NM\_005163.2| Homo

ing protein 3 (IGFBP3), transcript variant 2, mRNA;

nt-like 1 (yeast) (MAD1L1), transcript variant 1, mRNA; gi|62243373|ref|NM\_001013837.1| Homo sapi

t 1, mRNA;

nily member 2 (STAP2), transcript variant 2, mRNA;

4), transcript variant 1, mRNA;  
t variant 1, mRNA;

script variant 1, mRNA;

i2388870|ref|NM\_033182.5| Homo sapiens F-box protein 44 (FBXO44), transcript variant 1, mRNA; gi|  
otor-like 1 (FGFRL1), transcript variant 2, mRNA; gi|51988909|ref|NM\_021923.3| Homo sapiens fibrobl

im inwardly-rectifying channel, subfamily J, member 11 (KCNJ11), transcript variant 2, mRNA;

ilarity 96, member A (FAM96A), transcript variant 1, mRNA;  
gi|62420872|ref|NM\_001014794.1| Homo sapiens integrin-linked kinase (ILK), transcript variant 2, mR  
tein, beta polypeptide (ETFB), transcript variant 1, mRNA;  
sine kinase 2 (DDR2), transcript variant 2, mRNA;

tivated kinase 4 (PAK4), transcript variant 3, mRNA; gi|126273531|ref|NM\_001014831.2| Homo sapien

in 1 (CRMP1), transcript variant 2, mRNA;

member 1 (TM9SF1), transcript variant 2, mRNA;

erance homolog (E. coli) (CUTA), transcript variant 4, mRNA; gi|62526025|ref|NM\_001014840.1| Homo  
52526027|ref|NM\_014284.2| Homo sapiens neurochondrin (NCDN), transcript variant 3, mRNA;

variant 2, mRNA; gi|148277021|ref|NM\_001093726.1| Homo sapiens selenoprotein P, plasma, 1 (SEPP)  
olase (prostate-specific membrane antigen) 1 (FOLH1), transcript variant 4, mRNA; gi|301500669|ref|NI

ranscript variant 1, mRNA; gi|62632764|ref|NM\_001015052.1| Homo sapiens N-methylpurine-DNA gly

ariant 2, mRNA; gi|62739156|ref|NM\_001014988.1| Homo sapiens linker for activation of T cells (LAT),  
rosophila) (LLGL2), transcript variant 3, mRNA; gi|62739162|ref|NM\_001015002.1| Homo sapiens leth  
glutarate 5-dioxygenase 2 (PLOD2), transcript variant 1, mRNA;

mbe) (RAE1), transcript variant 1, mRNA;

1\_001015056.1| Homo sapiens rhotekin (RTKN), transcript variant 3, mRNA;  
, mRNA;

ot variant 2, mRNA;

, transcript variant 2, mRNA; gi|62865605|ref|NM\_018700.3| Homo sapiens tripartite motif containing  
ens TAF9 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 32kDa (TAF9), transcript

3), transcript variant 2, mRNA; gi|62865624|ref|NM\_001015881.1| Homo sapiens TSC22 domain family  
family 27 (fatty acid transporter), member 6 (SLC27A6), transcript variant 1, mRNA;

2865640|ref|NM\_001015879.1| Homo sapiens aurora kinase C (AURKC), transcript variant 2, mRNA;

transcript variant 4, mRNA; gi|62865650|ref|NM\_130795.2| Homo sapiens regulator of G-protein signaling

G (PURG), transcript variant A, mRNA;

member 11 (IGSF11), transcript variant 2, mRNA;

;

39083718|ref|NM\_001127641.1| Homo sapiens laminin, beta 3 (LAMB3), transcript variant 3, mRNA;

62912451|ref|NM\_016824.3| Homo sapiens adducin 3 (gamma) (ADD3), transcript variant 1, mRNA;

017423.1| Homo sapiens aldehyde dehydrogenase 18 family, member A1 (ALDH18A1), nuclear gene enc

ient 4 binding protein, beta (C4BPB), transcript variant 4, mRNA; gi|62912460|ref|NM\_000716.3| Homo  
heat containing G protein-coupled receptor 6 (LGR6), transcript variant 3, mRNA; gi|62912469|ref|NM\_

script variant 2, mRNA;

5'-phosphosulfate synthase 2 (PAPSS2), transcript variant 1, mRNA;

ndent protein kinase ID (CAMK1D), transcript variant 1, mRNA;



main family, member 16 (CARD16), transcript variant 1, mRNA;

derived 2 (PGBD2), transcript variant 1, mRNA;

EA), transcript variant 1, mRNA;

it variant 1, mRNA;

onotropic, N-methyl-D-aspartate 3B (GRIN3B), mRNA;

pt variant 1, mRNA; gi|63053523|ref|NM\_001017416.1| Homo sapiens ubiquitin specific peptidase 1 (l

JA; gi|63054831|ref|NM\_001017917.1| Homo sapiens cytochrome b-561 (CYB561), transcript variant 3  
tamin D3) receptor (VDR), transcript variant 2, mRNA; gi|323714264|ref|NM\_001017536.1| Homo sap  
transcript variant 2, mRNA;  
al (DNTT), transcript variant 2, mRNA;  
blast membrane-associated protein (Scianna blood group) (ERMAP), transcript variant 1, mRNA;  
variant 2, mRNA;

, enteric (ACTG2), transcript variant 2, mRNA;

transcript variant 2, mRNA;

t 3, mRNA; gi|63252901|ref|NM\_001018007.1| Homo sapiens tropomyosin 1 (alpha) (TPM1), transcrip

lated kinase homolog (S. cerevisiae) (YSK4), transcript variant 1, mRNA;

xylose, transmembrane (endoplasmic reticulum) (P4HTM), transcript variant 1, mRNA;  
tor (TSHR), transcript variant 2, mRNA; gi|295849310|ref|NM\_001142626.2| Homo sapiens thyroid stir  
-phosphatase, 145kDa (INPP5D), transcript variant 1, mRNA;

fructose-2,6-bisphosphatase 2 (PFKFB2), transcript variant 1, mRNA;

transcript variant 2, mRNA;

transcript variant 1, mRNA;

transcript variant 2, mRNA;

perlecanin (PAEP), transcript variant 1, mRNA;

ORF45 (C5orf45), transcript variant 1, mRNA;

transcript variant b, mRNA;

transcript variant 2, mRNA;

NM\_147783.2| Homo sapiens cathepsin B (CTSB), transcript variant 5, mRNA; gi|66346648|ref|NM\_147783.2| Homo sapiens cathepsin B (CTSB), transcript variant 5, mRNA; gi|311078513|ref|NM\_001017529.2| Homo sapiens proline rich 5 (renal) (PRR5), transcript variant 2, mRNA; gi|311213851|ref|NM\_001198726.1| Homo sapiens Rho GTPase acting protein 13 homolog A (S. cerevisiae) (VPS13A), transcript variant B, mRNA; gi|192807293|ref|NM\_001017529.2| Homo sapiens Rho GTPase acting protein 13 homolog A (S. cerevisiae) (VPS13A), transcript variant B, mRNA; gi|66346682|ref|NM\_001018069.1| Homo sapiens SERPINE1 mRNA (isoform 1), transcript variant 2, mRNA; gi|66346687|ref|NM\_013253.4| Homo sapiens dickkopf 3 homolog 3 (DKK3), transcript variant 3, mRNA;

transcript variant 2, mRNA;

transmembrane associated guanylate kinase, WW and PDZ domain containing 1 (MAGI1), transcript variant 1, mRNA;

NM\_018073.1| Homo sapiens phosphoenolpyruvate carboxykinase 2 (mitochondrial) (PCK2), nuclear gene 2, transcript variant 2, mRNA; gi|66346687|ref|NM\_013253.4| Homo sapiens dickkopf 3 homolog 3 (DKK3), transcript variant 3, mRNA;

it 1 (NAE1), transcript variant 2, mRNA; gi|66363687|ref|NM\_001018160.1| Homo sapiens NEDD8 activ  
ipt variant 1, mRNA;

ns nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor) (NR3C1), transcript varian  
ation group B (FANCB), transcript variant 2, mRNA;  
entation group D2 (FANCD2), transcript variant 2, mRNA;  
, beta polypeptide (FSHB), transcript variant 2, mRNA;  
isette, sub-family C (CFTR/MRP), member 5 (ABCC5), transcript variant 2, mRNA;

(S100A13), transcript variant 5, mRNA; gi|66737367|ref|NM\_001024210.1| Homo sapiens S100 calciu

riant 2, mRNA; gi|66879659|ref|NM\_001024226.1| Homo sapiens ADP-ribosylation factor 1 (ARF1), tr  
ation group A (FANCA), transcript variant 1, mRNA;

ant 1, mRNA; gi|66932896|ref|NM\_001024381.1| Homo sapiens TM2 domain containing 2 (TM2D2), tr

:transcript variant 2, mRNA;

ation marker (MYADM), transcript variant 2, mRNA; gi|66932928|ref|NM\_001020821.1| Homo sapien:  
taining 16 (ZBTB16), transcript variant 1, mRNA;  
ranscript variant 2, mRNA;

, mRNA; gi|66932966|ref|NM\_000161.2| Homo sapiens GTP cyclohydrolase 1 (GCH1), transcript variar

transcript variant 3, mRNA; gi|66932981|ref|NM\_017556.2| Homo sapiens filamin binding LIM protein  
folylpolyglutamate synthase (FPGS), nuclear gene encoding mitochondrial protein, transcript variant 1, r

nscript variant 1, mRNA;

mic (BAALC), transcript variant 1, mRNA;

se (INMT), transcript variant 2, mRNA;

JNX2), transcript variant 2, mRNA; gi|226442782|ref|NM\_001024630.3| Homo sapiens runt-related tra

t 1, mRNA;

Homo sapiens mitochondrial trans-2-enoyl-CoA reductase (MECR), nuclear gene encoding mitochondri

NA; gi|67089151|ref|NM\_033246.2| Homo sapiens promyelocytic leukemia (PML), transcript variant 7

A;

nt 1, mRNA;

no sapiens superoxide dismutase 2, mitochondrial (SOD2), nuclear gene encoding mitochondrial protein

ute carrier family 6 (neurotransmitter transporter, glycine), member 9 (SLC6A9), transcript variant 2, mF

e protein 1 (APLP1), transcript variant 1, mRNA;

anscript variant 3, mRNA; gi|67944631|ref|NM\_018261.3| Homo sapiens exocyst complex component

erfamily, member 1) (LTA), transcript variant 1, mRNA;  
, subfamily C, member 21 (DNAJC21), transcript variant 1, mRNA;  
mRNA; gi|68160914|ref|NM\_001025070.1| Homo sapiens ribosomal protein S14 (RPS14), transcript v

transcript variant 1, mRNA; gi|68161499|ref|NM\_001024934.1| Homo sapiens WAS protein family, me  
n, 21kDa (ARPP21), transcript variant 2, mRNA; gi|68161512|ref|NM\_016300.4| Homo sapiens cAMP-r  
e 2 (CCRL2), transcript variant 2, mRNA;

in-30) (RGN), transcript variant 1, mRNA;

RNA; gi|68303546|ref|NM\_001024944.1| Homo sapiens argininosuccinate lyase (ASL), transcript varian

(prosome, macropain) subunit, alpha type, 8 (PSMA8), transcript variant 2, mRNA; gi|68303560|ref|NI  
variant 2, mRNA;

or 1 (BRMS1), transcript variant 2, mRNA;

or receptor superfamily, member 8 (TNFRSF8), transcript variant 2, mRNA;  
t variant 1, mRNA;  
g 4-domains, subfamily A, member 1 (MS4A1), transcript variant 3, mRNA;

i|68508964|ref|NM\_001025194.1| Homo sapiens carboxylesterase 1 (CES1), transcript variant 2, mRN/

variant 2, mRNA; gi|260656021|ref|NM\_001166105.1| Homo sapiens transcriptional adaptor 2A (TADA), family 2, subfamily D, polypeptide 6 (CYP2D6), transcript variant 1, mRNA;

mRNA; gi|68509931|ref|NM\_001025092.1| Homo sapiens myelin basic protein (MBP), transcript variant

A; gi|68533254|ref|NM\_004000.2| Homo sapiens chitinase 3-like 2 (CHI3L2), transcript variant 1, mRNA

complex 2, mu 1 subunit (AP2M1), transcript variant 1, mRNA;

00004|ref|NM\_001025235.1| Homo sapiens tetraspanin 4 (TSPAN4), transcript variant 3, mRNA; gi|68800137|ref|NM\_001025204.1| Homo sapiens U2 small nuclear ribonucleoprotein 1 (U2AF1), transcript variant b, mRNA;

id kinase 1 (IRAK1), transcript variant 1, mRNA; gi|68800342|ref|NM\_001025242.1| Homo sapiens inte

| Homo sapiens TAF5-like RNA polymerase II, p300/CBP-associated factor (PCAF)-associated factor, 65kDa (TAF5L), transcript variant 1, mRNA; gi|68800342|ref|NM\_001025242.1| Homo sapiens 1-acylglycerol-3-phosphate O-acyltransferase 2 (lysophosphatidic acid acyltransferase 2), transcript variant 1, mRNA;

te, sub-family F (GCN20), member 1 (ABCF1), transcript variant 1, mRNA;

; member 3) (LTB), transcript variant 1, mRNA;

gi|70608171|ref|NM\_001025252.1| Homo sapiens tumor protein D52 (TPD52), transcript variant 1, r

VA;

transcript variant 1, mRNA;

deaminase 3 (AMPD3), transcript variant 5, mRNA; gi|289063414|ref|NM\_001172430.1| Homo sapie  
protein complex 2, sigma 1 subunit (AP2S1), transcript variant AP17, mRNA;

ra, mRNA;

nt gamma-B, mRNA;

ens deoxyuridine triphosphatase (DUT), nuclear gene encoding mitochondrial protein, transcript variant

f|NM\_001171689.1| Homo sapiens Alport syndrome, mental retardation, midface hypoplasia and ellipt

NQO1), transcript variant 1, mRNA; gi|70995395|ref|NM\_001025433.1| Homo sapiens NAD(P)H dehyd

5 (influences HLA class II expression) (RFX5), transcript variant 2, mRNA;

acting protein 1 (ARFIP1), transcript variant 2, mRNA; gi|71040093|ref|NM\_001025595.1| Homo sapie

RHGAP30), transcript variant 1, mRNA;

transcript variant 1, mRNA;

transcript variant 2, mRNA;



≈ similarity 108, member B1 (FAM108B1), transcript variant 2, mRNA;

cript variant 1, mRNA;

1, mRNA;

1, mRNA;

F4A), transcript variant 1, mRNA; gi|31077208|ref|NM\_178850.1| Homo sapiens hepatocyte nuclear f:

ant 2, mRNA;

mRNA;

tein complex 1, gamma 1 subunit (AP1G1), transcript variant 2, mRNA;

1 complex 2, beta 1 subunit (AP2B1), transcript variant 1, mRNA;

RT), transcript variant 1, mRNA;

e 3 family, member B1 (ALDH3B1), transcript variant 2, mRNA; gi|238814370|ref|NM\_001161473.1| H

script variant 4, mRNA; gi|22208990|ref|NM\_001648.2| Homo sapiens kallikrein-related peptidase 3 (K  
3AP5), transcript variant 1, mRNA;

3 (SUN3), transcript variant 2, mRNA;

receptor nuclear translocator-like (ARNTL), transcript variant 2, mRNA; gi|71852578|ref|NM\_001178.4|

ipt variant 2, mRNA;

CLL/lymphoma 2 (BCL2), nuclear gene encoding mitochondrial protein, transcript variant alpha, mRNA;

nt 1, mRNA; gi|381140058|ref|NM\_001257273.1| Homo sapiens zinc finger protein 451 (ZNF451), tran

A;

pre-mRNA processing factor 40 homolog B (*S. cerevisiae*) (PRPF40B), transcript variant 2, mRNA;  
1), transcript variant 2, mRNA;

ling pathway regulator-like (*S. cerevisiae*) (TIPRL), transcript variant 2, mRNA;

nRNA; gi|73390104|ref|NM\_005569.3| Homo sapiens LIM domain kinase 2 (LIMK2), transcript variant :

ie 3 family, member A2 (ALDH3A2), transcript variant 1, mRNA;

omo sapiens membrane-spanning 4-domains, subfamily A, member 3 (hematopoietic cell-specific) (MS4.  
; mRNA;

ed cysteine peptidase (CASP3), transcript variant alpha, mRNA;  
lated cysteine peptidase (CASP4), transcript variant alpha, mRNA;  
ed cysteine peptidase (CASP6), transcript variant alpha, mRNA;

ed cysteine peptidase (CASP7), transcript variant delta, mRNA; gi|73623015|ref|NM\_001227.3| Homo :  
dase inhibitor, clade B (ovalbumin), member 8 (SERPINB8), transcript variant 1, mRNA; gi|38504668|ref

e 3 family, member B2 (ALDH3B2), transcript variant 1, mRNA;  
metastasis 2 (TIAM2), transcript variant 1, mRNA;

erine peptidase 2 (HTRA2), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA;  
minal domain and ring finger 3 (LONRF3), transcript variant 2, mRNA;  
Homo sapiens proteasome (prosome, macropain) subunit, beta type, 8 (large multifunctional peptidase  
4;

2-binding cassette, sub-family B (MDR/TAP) (TAP2), transcript variant 2, mRNA;

cript variant 1, mRNA;

ptidase inhibitor, clade G (C1 inhibitor), member 1 (SERPING1), transcript variant 1, mRNA;  
yl protein protease (*S. cerevisiae*) (RCE1), transcript variant 2, mRNA;

ript variant b, mRNA;

BP1), transcript variant 9, mRNA; gi|269784728|ref|NM\_001167989.1| Homo sapiens polyglutamine b  
: type 1 (SPINT1), transcript variant 2, mRNA; gi|74027262|ref|NM\_181642.2| Homo sapiens serine per  
nscript variant 1, mRNA;

ariant 6, mRNA; gi|74027277|ref|NM\_001032374.1| Homo sapiens zinc finger protein 226 (ZNF226), tr  
1 (LCMT1), transcript variant 2, mRNA;

e (SUOX), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|74099703|ref|NI  
101435|ref|NM\_003937.2| Homo sapiens kynureninase (KYNU), transcript variant 1, mRNA;

heterogeneous nuclear ribonucleoprotein U (scaffold attachment factor A) (HNRNPU), transcript variant

e 1, 40/46kDa (OAS1), transcript variant 1, mRNA; gi|74229010|ref|NM\_002534.2| Homo sapiens 2'-5'  
e 2, 69/71kDa (OAS2), transcript variant 2, mRNA; gi|74229018|ref|NM\_016817.2| Homo sapiens 2'-5'

me 6 (C19orf6), transcript variant 2, mRNA;

ranscript variant 2, mRNA;

ariant 1, mRNA;

tein 1 (CYFIP1), transcript variant 1, mRNA;

), transcript variant 4, mRNA; gi|74271889|ref|NM\_001033032.1| Homo sapiens Fas apoptotic inhibito  
tor interacting protein-like 1 (AIPL1), transcript variant 2, mRNA; gi|74272279|ref|NM\_001033055.1|

.AR2), transcript variant 2, mRNA;

1 (AMD1), transcript variant 1, mRNA;

55), transcript variant 9, mRNA;

esis-like protein domain containing (PBLD), transcript variant 1, mRNA;

02), transcript variant 1, mRNA;

, phosphoinositide interacting 2 (WIPI2), transcript variant 4, mRNA; gi|75677328|ref|NM\_001033518.1|

script variant 2, mRNA;

cting protein 2 (PAIP2), transcript variant 1, mRNA;

mRNA;

ating protein 3 (SRGAP3), transcript variant 2, mRNA;

l (DYX1C1), transcript variant 1, mRNA; gi|325053712|ref|NM\_001033559.2| Homo sapiens dyslexia su

subfamily C, member 2 (KLRC2), mRNA;

tor subfamily C, member 3 (KLRC3), transcript variant 2, mRNA;

K1), transcript variant 1, mRNA;

tion factor, 3' pre-RNA, subunit 3, 77kDa (CSTF3), transcript variant 2, mRNA; gi|75709188|ref|NM\_001

ember 1 (BABAM1), transcript variant 2, mRNA;

riant hBACHc, mRNA; gi|75709215|ref|NM\_181866.2| Homo sapiens acyl-CoA thioesterase 7 (ACOT7),

tion factor, 3' pre-RNA, subunit 1, 50kDa (CSTF1), transcript variant 1, mRNA; gi|75709219|ref|NM\_001

transcript variant 2, mRNA; gi|75750479|ref|NM\_001033568.1| Homo sapiens ras homolog family mei

, transcript variant 2, mRNA;

domain containing 1 (ANKMY1), transcript variant 1, mRNA;

lase 2 (AMZ2), transcript variant 4, mRNA; gi|75812969|ref|NM\_001033570.1| Homo sapiens archaeal Mg<sup>2+</sup>/Mn<sup>2+</sup> dependent, 1B (PPM1B), transcript variant 4, mRNA; gi|75758174|ref|NM\_177968.2| Homo

lear factor of activated T-cells, cytoplasmic, calcineurin-dependent 2 (NFATC2), transcript variant 2, mRNA; gi|75905802|ref|NM\_001033605.1| Homo sapiens Bardet-Biedl syndrome 9 (BBS9), transcript

(yeast) (NOP2), transcript variant 1, mRNA;

transcript variant 2, mRNA;

A;

Homo sapiens acyl-CoA dehydrogenase, very long chain (ACADVL), nuclear gene encoding mitochondrial AGP), transcript variant 2, mRNA;

riptide variant c, mRNA; gi|76496494|ref|NM\_022487.2| Homo sapiens DNA cross-link repair 1C (DCLRE1C)

l (CALCA), transcript variant 2, mRNA; gi|269784661|ref|NM\_001033953.2| Homo sapiens calcitonin-receptor 1 complex subunit 3 (ASCC3), transcript variant 1, mRNA;  
it 2, non-coding RNA;

ant 2, mRNA;  
ranscript variant 2, mRNA; gi|198442869|ref|NM\_001033910.2| Homo sapiens TNF receptor-associated



residue ribosomal protein fusion product 1 (UBA52), transcript variant 2, mRNA;  
29), transcript variant 2, mRNA;

: granule-associated RNA binding protein-like 1 (TIAL1), transcript variant 2, mRNA;  
ronyltransferase 1 (glucuronosyltransferase P) (B3GAT1), transcript variant 2, mRNA;

ast) (GAR1), transcript variant 1, mRNA;  
int 2, mRNA;  
g (yeast) (NHP2), transcript variant 1, mRNA;

yrophosphatase (inorganic) 2 (PPA2), nuclear gene encoding mitochondrial protein, transcript variant 4,

tic translation initiation factor 2B, subunit 4 delta, 67kDa (EIF2B4), transcript variant 2, mRNA; gi|18760  
RBS1), transcript variant 1, mRNA; gi|78000162|ref|NM\_001034954.1| Homo sapiens sorbin and SH3  
mRNA;

associated protein 1 (DMAP1), transcript variant 1, mRNA; gi|78000212|ref|NM\_001034024.1| Homo s

NA;

NA;

IP1), transcript variant 1, mRNA; gi|27886683|ref|NM\_014592.2| Homo sapiens Kv channel interacting  
transcript variant 4, mRNA; gi|78190487|ref|NM\_001035004.1| Homo sapiens Kv channel interacting pr  
transcript variant 2, mRNA;

or (RPGR), transcript variant A, mRNA;  
3, calsenilin (KCNIP3), transcript variant 1, mRNA;  
similarity 102, member A (FAM102A), transcript variant 1, mRNA;

mRNA;

g 26 homolog A (S. pombe) (VPS26A), transcript variant 1, mRNA;  
scription factor IIIC, polypeptide 2, beta 110kDa (GTF3C2), transcript variant 2, mRNA;

rt 1, mRNA;

variant 4, mRNA; gi|78711800|ref|NM\_032952.2| Homo sapiens MLX interacting protein-like (MLXIPL  
NA; gi|78711821|ref|NM\_001035512.1| Homo sapiens succinate dehydrogenase complex, subunit C, ii

EL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 3 (KDEL3), transcript variant 1,

nRNA;

L (non-protein coding) (RFPL3-AS1), transcript variant 2, antisense RNA;

acyl-CoA thioesterase 9 (ACOT9), nuclear gene encoding mitochondrial protein, transcript variant 1, mF  
: 1, mRNA;

rt variant 1, mRNA; gi|225703082|ref|NR\_027404.1| Homo sapiens HERV-H LTR-associating 3 (HHLA3),

95803|ref|NM\_013953.3| Homo sapiens paired box 8 (PAX8), transcript variant PAX8D, mRNA; gi|8125

transcript variant 2, mRNA;

transcript variant 3, mRNA; gi|82546837|ref|NM\_177985.2| Homo sapiens ADP-ribosylation factor-like 5 mRNA;

18 homolog (Chlamydomonas) (IFT88), transcript variant 1, mRNA;

g protein 2 (CYFIP2), transcript variant 2, mRNA; gi|82617629|ref|NM\_014376.2| Homo sapiens cytopl

protein, homolog 1 (Drosophila) (STAU1), transcript variant T3, mRNA; gi|82659084|ref|NM\_017452.2|

phosphatase-related protein type 5 (LPPR5), transcript variant 1, mRNA;

ing defective 6 homolog alpha (C. elegans) (PARD6A), transcript variant 1, mRNA;

transcript variant 2, mRNA;

ic (PDE4B), transcript variant a, mRNA; gi|82799485|ref|NM\_001037341.1| Homo sapiens phosphodie

2, mRNA;

hila) (SCML1), transcript variant 1, mRNA; gi|82830429|ref|NM\_001037535.1| Homo sapiens sex coml  
ation group I (FANCI), transcript variant 1, mRNA;

specific peptidase 14 (tRNA-guanine transglycosylase) (USP14), transcript variant 1, mRNA;

nd leucine zipper containing kinase AZK (ZAK), transcript variant 2, mRNA;

o sapiens 3-hydroxybutyrate dehydrogenase, type 1 (BDH1), nuclear gene encoding mitochondrial prot

108), transcript variant 1, mRNA;

ranscript variant 1, mRNA; gi|83267867|ref|NM\_001037495.1| Homo sapiens dynein, light chain, LC8-t

ate O-acyltransferase 3 (AGPAT3), transcript variant 1, mRNA;

ript variant 2, mRNA;

ript variant 2, mRNA;

cript variant II, mRNA;

itiation factor 3, subunit B (EIF3B), transcript variant 2, mRNA;

longation factor 1 beta 2 (EEF1B2), transcript variant 3, mRNA; gi|83376127|ref|NM\_001959.3| Homo

ranscript variant 2, mRNA;

sapiens presenilin associated, rhomboid-like (PARL), nuclear gene encoding mitochondrial protein, trans  
iant 1, mRNA;

nucleoprotein A1 (HNRNPA1), transcript variant 2, mRNA;

g, endoplasmic reticulum chaperone (S. cerevisiae) (SIL1), transcript variant 1, mRNA;

ase 1 (GGPS1), transcript variant 3, non-coding RNA;

initiation factor 3, subunit C (EIF3C), transcript variant 1, mRNA; gi|312433974|ref|NM\_001199142.1| H

10 (SLC38A10), transcript variant 2, mRNA;

RNA;

rosine kinase 1 (DDR1), transcript variant 6, mRNA; gi|83977449|ref|NM\_013993.2| Homo sapiens disc

mRNA;

ot variant 2, mRNA;

ot variant 3, mRNA; gi|84105330|ref|NM\_013999.3| Homo sapiens mesenchyme homeobox 1 (MEOX1)

ta-1,3-N-acetylgalactosaminyltransferase 1 (globoside blood group) (B3GALNT1), transcript variant 4, mf

variant 1, mRNA;

variant 2, mRNA;

transcript variant 2, mRNA;

type B (ALOX15B), transcript variant b, mRNA; gi|85067498|ref|NM\_001039130.1| Homo sapiens arachidonic acid 5-lipoxygenase subunit 7 (CNOT7), transcript variant 2, mRNA;

'2), transcript variant 3, mRNA; gi|19743839|ref|NM\_134323.1| Homo sapiens TAR (HIV-1) RNA binding protein 2, transcript variant 3, mRNA;

3, lysosomal V0 subunit a4 (ATP6V0A4), transcript variant 3, mRNA; gi|85386055|ref|NM\_130840.2| Homo sapiens vacuolar H<sup>+</sup>-ATPase subunit 4 (ATP6V0A4), transcript variant 3, mRNA;

IA; gi|85787993|ref|NM\_197960.2| Homo sapiens dipeptidyl-peptidase 8 (DPP8), transcript variant 3, r

A; gi|85794864|ref|NM\_001002031.2| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial Fo

enate kinase 2 (PANK2), transcript variant 2, mRNA; gi|85838514|ref|NM\_024960.4| Homo sapiens pa  
ioribose-1-phosphate isomerase homolog (*S. cerevisiae*) (MRI1), transcript variant 2, mRNA;  
1-like (TTPAL), transcript variant 2, mRNA;

!), transcript variant 2, mRNA;

sette, sub-family C (CFTR/MRP), member 11 (ABCC11), transcript variant 3, mRNA; gi|86786800|ref|NM

nsporting, lysosomal 21kDa, VO subunit b (ATP6V0B), transcript variant 2, mRNA;  
nRNA; gi|86792773|ref|NM\_130797.2| Homo sapiens dipeptidyl-peptidase 6 (DPP6), transcript variant  
omponent (3b/4b) receptor 1 (Knops blood group) (CR1), transcript variant F, mRNA;

S19), transcript variant 1, mRNA;

SRSF5), transcript variant 1, mRNA;



me 38 (C1orf38), transcript variant 3, mRNA; gi|87080816|ref|NM\_001039477.1| Homo sapiens chron

transporting, lysosomal 42kDa, V1 subunit C2 (ATP6V1C2), transcript variant 2, mRNA;  
transporting, lysosomal 31kDa, V1 subunit E1 (ATP6V1E1), transcript variant 3, mRNA; gi|87159815|ref|  
151), transcript variant 1, mRNA; gi|87159823|ref|NM\_001039490.1| Homo sapiens CD151 molecule (

1, mRNA;

anscript variant 2, mRNA; gi|87578393|ref|NM\_001039538.1| Homo sapiens microtubule-associated p

ubfamily B, member 2 (DNAJB2), transcript variant 1, mRNA;  
BP), transcript variant 6, mRNA; gi|78191793|ref|NM\_138632.2| Homo sapiens TRIO and F-actin bindin

transcript variant 1, mRNA; gi|88758602|ref|NM\_001039584.1| Homo sapiens protein interacting with  
cript variant 2, mRNA;

ript variant 1, mRNA;  
t variant 2, mRNA;

omain containing 3 (SPRED3), transcript variant 1, mRNA;

900504|ref|NM\_199293.2| Homo sapiens tyrosine hydroxylase (TH), transcript variant 3, mRNA;  
5 (PRMT5), transcript variant 2, mRNA;  
mRNA;  
mily, member 2 (LAT2), transcript variant 3, mRNA; gi|118640874|ref|NM\_032464.2| Homo sapiens lin

ript variant 1, mRNA;

588|ref|NM\_175040.3| Homo sapiens ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-acetyl  
iber A (CLEC7A), transcript variant 2, mRNA; gi|88999594|ref|NM\_197950.2| Homo sapiens C-type lect

ript variant b, mRNA;

iding frame 67 (C19orf67), mRNA;  
-specific (tesmin) (MTL5), transcript variant 2, mRNA;  
erleukin 1 receptor (TIR) domain containing adaptor protein (TIRAP), transcript variant 2, mRNA;

sis factor receptor superfamily, member 25 (TNFRSF25), transcript variant 3, mRNA; gi|23200019|ref|N

, transcript variant 2, mRNA;

A), transcript variant 2, mRNA;

NA;

tide exchange factor (GEF) 38 (ARHGEF38), transcript variant 1, mRNA;

mRNA;  
mRNA;

\_177556.1| Homo sapiens trophinin (TRO), transcript variant 2, mRNA;

), transcript variant 4, mRNA; gi|89353284|ref|NM\_001039711.1| Homo sapiens death effector domain  
cancer antigen 3 (SDCCAG3), transcript variant 2, mRNA; gi|89353280|ref|NM\_001039707.1| Homo sapiens  
re-binding factor, runt domain, alpha subunit 2; translocated to, 2 (CBFA2T2), transcript variant 4, mRNA

transcript variant 1, mRNA; gi|89357936|ref|NM\_213593.3| Homo sapiens deiodinase, iodothyronine,

frame 63 (C19orf63), transcript variant HSM1, mRNA;

4 (STRN4), transcript variant 1, mRNA;

TP binding protein, 25kDa) (CDC42), transcript variant 3, mRNA; gi|89903014|ref|NM\_044472.2| Homo sapiens  
kinase inhibitor 2C (p18, inhibits CDK4) (CDKN2C), transcript variant 1, mRNA;

ript variant 1, mRNA;  
IA; gi|89903030|ref|NM\_194332.2| Homo sapiens ring finger protein 38 (RNF38), transcript variant 6, r

immunoglobulin-associated alpha (CD79A), transcript variant 1, mRNA; immunoglobulin-associated beta (CD79B), transcript variant 2, mRNA; gi|90193589|ref|NM\_000626.2| Homo sapiens integrator complex subunit 6 (ITPRN1), transcript variant 3, mRNA; gi|90193620|ref|NM\_012141.2| Homo sapiens integrator complex subunit 6 (ITPRN1), transcript variant 3, mRNA

ite carrier family 4, sodium bicarbonate cotransporter, member 8 (SLC4A8), transcript variant 1, mRNA;

rotein tyrosine phosphatase, non-receptor type 5 (striatum-enriched) (PTPN5), transcript variant 1, mRNA

munoglobulin-like receptor 1 (LAIR1), transcript variant a, mRNA;  
r family 22 (organic anion transporter), member 7 (SLC22A7), transcript variant 2, mRNA;  
eal cancer 1 (DLEC1), transcript variant DLEC1-N1, mRNA;

\B3IP), transcript variant beta 1, mRNA; gi|90855776|ref|NM\_175623.2| Homo sapiens RAB3A interact

variant 2, mRNA; gi|90903236|ref|NM\_002085.3| Homo sapiens glutathione peroxidase 4 (GPX4), transc

ctor superfamily member 5 (CD40), transcript variant 2, mRNA;

transcript variant 3, mRNA; gi|91105766|ref|NM\_001040023.1| Homo sapiens signal-regulatory protein al

or 1 (GPER), transcript variant 4, mRNA; gi|91106713|ref|NM\_001039966.1| Homo sapiens G protein-c

mRNA;

s myeloid/lymphoid or mixed-lineage leukemia 5 (trithorax homolog, Drosophila) (MLL5), transcript vari

imilarity 133, member B (FAM133B), transcript variant 2, mRNA;

(TCERG1), transcript variant 2, mRNA;

18876|ref|NM\_000410.3| Homo sapiens hemochromatosis (HFE), transcript variant 1, mRNA; gi|91718

ant 2, mRNA;

ity 3, member C (FAM3C), transcript variant 1, mRNA;

.93.2| Homo sapiens hydroxysteroid (17-beta) dehydrogenase 10 (HSD17B10), nuclear gene encoding m

segment on chromosome 4 (unique) 234 expressed sequence (D4S234E), transcript variant 2, mRNA;  
oligodendrocytic myelin paranodal and inner loop protein (OPALIN), transcript variant 3, mRNA; gi|91932797|ref|

Homo sapiens asparagine-linked glycosylation 8, alpha-1,3-glucosyltransferase homolog (S. cerevisiae) (AL

it 1, mRNA;

U01184698.1| Homo sapiens motilin (MLN), transcript variant 3, mRNA;  
smooth muscle (MYH11), transcript variant SM2B, mRNA; gi|92091587|ref|NM\_002474.2| Homo sapi

pt variant 3, mRNA; gi|92110020|ref|NM\_001040125.1| Homo sapiens PQ loop repeat containing 2 (P



in 3 homolog B (yeast) (ACTR3B), transcript variant 1, mRNA;

protein of MTOR, complex 1 (RPTOR), transcript variant 2, mRNA;

dase inhibitor, clade B (ovalbumin), member 7 (SERPINB7), transcript variant 1, mRNA;

protein (PALLD), transcript variant 1, mRNA; gi|260656031|ref|NM\_001166109.1| Homo sapiens palla

frame 13 (C16orf13), transcript variant 3, mRNA; gi|93102400|ref|NM\_001040165.1| Homo sapiens ch

s sparc/osteonectin, cwcv and kazal-like domains proteoglycan (testican) 3 (SPOCK3), transcript variant :  
O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase (LFNG), transcript variant 3, mRNA; gi|261878  
MOSPD3), transcript variant 3, mRNA; gi|93141015|ref|NM\_001040099.1| Homo sapiens motile sperm  
ript variant 2, mRNA; gi|93141010|ref|NM\_138609.2| Homo sapiens H2A histone family, member Y (H.

variant 1, mRNA;

ipt variant long, mRNA;

ic leukoencephalopathy with subcortical cysts 1 (MLC1), transcript variant 1, mRNA;  
voltage-gated, type II, alpha subunit (SCN2A), transcript variant 2, mRNA; gi|93141209|ref|NM\_02100

omal recessive) (SPG11), transcript variant 2, mRNA;

, subfamily C, member 28 (DNAJC28), transcript variant 1, mRNA;

age-gated, type III, beta subunit (SCN3B), transcript variant 1, mRNA;

sociated protein (AGTRAP), transcript variant 2, mRNA; gi|93588497|ref|NM\_001040195.1| Homo sapi  
transcript variant 1, mRNA; gi|93588627|ref|NM\_019895.2| Homo sapiens claudin domain containing

cript variant 1, mRNA;

77975|ref|NM\_001251901.1| Homo sapiens CD83 molecule (CD83), transcript variant 3, mRNA;  
sapiens mitochondrial ribosomal protein L33 (MRPL33), nuclear gene encoding mitochondrial protein, tr

mRNA;  
ant 1, mRNA; gi|289176995|ref|NM\_001172437.1| Homo sapiens paternally expressed 10 (PEG10), tra

iens DCN1, defective in cullin neddylation 1, domain containing 4 (*S. cerevisiae*) (DCUN1D4), transcript \

variant 2, mRNA;  
iliary factor 1-like 4 (U2AF1L4), transcript variant 1, mRNA;

t variant 1, mRNA;  
H), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;  
nscript variant e, mRNA; gi|94538324|ref|NM\_001040275.1| Homo sapiens estrogen receptor 2 (ER β  
transcript variant 1, mRNA; gi|94538329|ref|NM\_022872.2| Homo sapiens interferon, alpha-inducible  
nscript variant 2, mRNA; gi|94538338|ref|NM\_001039508.1| Homo sapiens signal-regulatory protein g

activated protein kinase 8 interacting protein 3 (MAPK8IP3), transcript variant 1, mRNA;  
-activated, alpha 1 catalytic subunit (PRKAA1), transcript variant 1, mRNA;

frame 48 (C6orf48), transcript variant 2, mRNA;

t 2, mRNA;  
ame 131 (C9orf131), transcript variant 3, mRNA; gi|94536859|ref|NM\_001040410.1| Homo sapiens ch  
, transcript variant 1, mRNA; gi|195972863|ref|NM\_001130958.1| Homo sapiens fatty acid binding pro

VAMP (vesicle-associated membrane protein)-associated protein A, 33kDa (VAPA), transcript variant 2, mRNA; gi|94721258|ref|NM\_001040454.1| Homo sapiens solute carrier fan

similarity 63, member B (FAM63B), transcript variant 2, mRNA;

gi|94721349|ref|NM\_004968.2| Homo sapiens islet cell autoantigen 1, 69kDa (ICA1), transcript varia

DD2), transcript variant 1, mRNA;

it 2, mRNA;

6), transcript variant 1, mRNA; gi|95092151|ref|NM\_013423.2| Homo sapiens Rho GTPase activating p

a (A4) precursor protein-binding, family B, member 3 (APBB3), transcript variant 3, mRNA; gi|95147537

ily (RAB24), transcript variant 2, mRNA;

2, mRNA;

ilarity 48, member A (FAM48A), transcript variant 2, mRNA;

3 (TTC23), transcript variant 1, mRNA; gi|98961149|ref|NM\_001040657.1| Homo sapiens tetratricopep

.|ref|NM\_178042.2| Homo sapiens actin-like 6A (ACTL6A), transcript variant 3, mRNA;

4A; gi|98985794|ref|NM\_001040630.1| Homo sapiens neurocalcin delta (NCALD), transcript variant 7,  
omplex) (CD3D), transcript variant 1, mRNA;

ipt variant E, mRNA; gi|299523252|ref|NM\_080630.3| Homo sapiens collagen, type XI, alpha 1 (COL11.  
le diphosphate linked moiety X)-type motif 4 (NUDT4), transcript variant 1, mRNA;

riant a, mRNA; gi|98985817|ref|NM\_004029.2| Homo sapiens interferon regulatory factor 7 (IRF7), tra

DAM28), transcript variant 3, mRNA;

ranscript variant 2, mRNA;

pt variant 2, mRNA;

; tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor) (TFPI), transcript variant 1

ranscript variant A-1, mRNA;



3190|ref|NM\_016203.3| Homo sapiens protein kinase, AMP-activated, gamma 2 non-catalytic subunit

is protein tyrosine phosphatase, receptor type, S (PTPRS), transcript variant 3, mRNA; gi|104487005|ref

factor receptor 1 (FGFR1), transcript variant 12, mRNA; gi|105990516|ref|NM\_023106.2| Homo sapie

9291|ref|NM\_022172.2| Homo sapiens pyruvate carboxylase (PC), nuclear gene encoding mitochondri

lomo sapiens family with sequence similarity 110, member A (FAM110A), transcript variant 1, mRNA;

variant A, non-coding RNA;

signaling 12 (RGS12), transcript variant 1, mRNA;

F20L1), transcript variant 1, mRNA;

NM\_001042394.1 | Homo sapiens protein tyrosine phosphatase, non-receptor type 20A (PTPN20A), tra  
\_001042364.3 | Homo sapiens protein tyrosine phosphatase, non-receptor type 20B (PTPN20B), transcri  
cavenger receptor 1 (MSR1), transcript variant SR-AI, mRNA;

transcript variant 1, mRNA;

protein 170kDa (CEP170), transcript variant gamma, mRNA;

CEP63), transcript variant 1, mRNA; gi|109255225|ref|NM\_001042383.1| Homo sapiens centrosomal p

variant 1, mRNA; gi|109389357|ref|NM\_001042425.1| Homo sapiens transcription factor AP-2 alpha (

Widemann syndrome candidate 1 (WHSC1), transcript variant 8, mRNA; gi|170014721|ref|NM\_133331.2

serine protein kinase MST4 (MST4), transcript variant 3, mRNA;

trichorhinomelia (turban tumor syndrome) (CYLD), transcript variant 1, mRNA;

on-coding RNA; gi|109638755|ref|NR\_003093.1| Homo sapiens E2F transcription factor 6 (E2F6), trans

;

ing protein 1-like (FILIP1L), transcript variant 2, mRNA;

0166542|ref|NM\_001165959.1| Homo sapiens gasdermin B (GSDMB), transcript variant 4, mRNA;

o sapiens transmembrane phosphatase with tensin homology (TPTE), transcript variant 1, mRNA;

ficking protein particle complex 5 (TRAPPC5), transcript variant 2, mRNA;

in 85kDa-like (CEP85L), transcript variant 1, mRNA;

o sapiens gem (nuclear organelle) associated protein 8 (GEMIN8), transcript variant 2, mRNA;

3, mRNA; gi|110224448|ref|NM\_133647.1| Homo sapiens solute carrier family 12 (potassium/chloride

INA9), transcript variant A, mRNA;

transcript variant 2, mRNA;

(MINA), transcript variant 2, mRNA;

structural maintenance of chromosomes 2 (SMC2), transcript variant 3, mRNA;

M\_003573.2| Homo sapiens latent transforming growth factor beta binding protein 4 (LTBP4), transcrip

A;

romosome 2 open reading frame 88 (C2orf88), transcript variant 4, mRNA; gi|110349747|ref|NM\_0010

n 8B (TMEM8B), transcript variant 3, mRNA;

transcript variant 2, mRNA; gi|16950590|ref|NM\_033363.1| Homo sapiens mitochondrial ribosomal pr

67|ref|NM\_172109.1| Homo sapiens potassium voltage-gated channel, KQT-like subfamily, member 2 |

, transcript variant 2, mRNA;



1 | Homo sapiens protection of telomeres 1 homolog (S. pombe) (POT1), transcript variant 3, non-coding

RNA;

CVT-2, mRNA;

A;

member 21 (SNX21), transcript variant 4, mRNA; gi|23510343|ref|NM\_033421.2| Homo sapiens sortin  
, transcript variant 2, mRNA; gi|254939711|ref|NM\_001163771.1| Homo sapiens collagen, type XI, alfa

ceptor (ADRA1A), transcript variant 4, mRNA; gi|111118985|ref|NM\_033303.3| Homo sapiens adrene

), transcript variant 2, mRNA; gi|111154077|ref|NM\_001042663.1| Homo sapiens pleckstrin homology  
Pase activating protein 24 (ARHGAP24), transcript variant 1, mRNA;  
aryocyte-associated tyrosine kinase (MATK), transcript variant 3, mRNA;

1.1| Homo sapiens major facilitator superfamily domain containing 12 (MFSD12), transcript variant 2, mf

ie encoding mitochondrial protein, transcript variant 2, mRNA;

number C (RHOC), transcript variant 1, mRNA;

ipiens SLIT-ROBO Rho GTPase activating protein 2 (SRGAP2), transcript variant 3, mRNA;

018849.2| Homo sapiens ATP-binding cassette, sub-family B (MDR/TAP), member 4 (ABCB4), transcript

ide channel, voltage-sensitive Ka (CLCNKA), transcript variant 3, mRNA;

ens arginine-glutamic acid dipeptide (RE) repeats (RERE), transcript variant 3, mRNA;  
cript variant 3, mRNA;

2242|ref|NM\_005248.2| Homo sapiens Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolo

mRNA; gi|112789527|ref|NM\_001042750.1| Homo sapiens stromal antigen 2 (STAG2), transcript varia

transcript variant 2, mRNA;

[CSNK1G3), transcript variant 4, mRNA; gi|113462007|ref|NM\_001044722.1| Homo sapiens casein kinase

mitochondrial protein, transcript variant 2, mRNA;

l55145|ref|NM\_001043352.1| Homo sapiens tropomyosin 3 (TPM3), transcript variant 3, mRNA; gi|11

rotein ligase (NEDD4), transcript variant 2, mRNA;

(MUTYH), transcript variant alpha5, mRNA; gi|115298647|ref|NM\_001048171.1| Homo sapiens mutY

1 interactive domain 4A (RBP1-like) (ARID4A), transcript variant 3, mRNA;

ns protein tyrosine phosphatase, receptor type, C (PTPRC), transcript variant 2, mRNA;

.NA; gi|115430067|ref|NR\_003227.1| Homo sapiens AFG3 ATPase family gene 3-like 1 (S. cerevisiae), p

2665.2| Homo sapiens Ras association (RalGDS/AF-6) domain family member 5 (RASSF5), transcript vari



d DNA binding protein 3 (SSBP3), transcript variant 1, mRNA;

L6A2), transcript variant 2C2, mRNA;

076674.1 | Homo sapiens transmembrane and ubiquitin-like domain containing 2 (TMUB2), transcript va

cript variant 1, mRNA; gi|47132571|ref|NM\_053031.2| Homo sapiens myosin light chain kinase (MYLK)

3671.3| Homo sapiens CDC14 cell division cycle 14 homolog B (S. cerevisiae) (CDC14B), transcript varian

), transcript variant 3, mRNA;

ndopeptidase (MME), transcript variant 2a, mRNA; gi|116256326|ref|NM\_007287.2| Homo sapiens me

omo sapiens peroxisome proliferator-activated receptor gamma (PPARG), transcript variant 1, mRNA; gi

rotein-coupled bile acid receptor 1 (GPBAR1), transcript variant 1, mRNA;

is glutamate receptor, ionotropic, AMPA 4 (GRIA4), transcript variant 1, mRNA; gi|164419735|ref|NM\_

heavy chain 14, non-muscle (MYH14), transcript variant 3, mRNA;

), transcript variant 4, mRNA; gi|116536082|ref|NM\_001077196.1| Homo sapiens phosphodiesterase 1

ie 2 (POFUT2), transcript variant 2, non-coding RNA;  
34670|ref|NM\_001396.3| Homo sapiens dual-specificity tyrosine-(Y)-phosphorylation regulated kinase  
apiens growth regulation by estrogen in breast cancer 1 (GREB1), transcript variant b, mRNA;  
ie protein 231 (TMEM231), transcript variant 2, mRNA;  
anscript variant 1, mRNA;

tein 23 (RBM23), transcript variant 3, mRNA;

mal dominant 5 (DFNA5), transcript variant 3, mRNA;  
5.2| Homo sapiens amylo-alpha-1, 6-glucosidase, 4-alpha-glucanotransferase (AGL), transcript variant 5

\_170712.2| Homo sapiens Ras association (RalGDS/AF-6) domain family member 1 (RASSF1), transcript

3|ref|NM\_001159379.1| Homo sapiens methenyltetrahydrofolate synthetase domain containing (MTHI

U77442.1| Homo sapiens heterogeneous nuclear ribonucleoprotein C (C1/C2) (HNRNPC), transcript variant 1 (DPH5), transcript variant 1, mRNA;

U7306162|ref|NM\_080705.3| Homo sapiens transient receptor potential cation channel, subfamily V, member 5 (KLK5), transcript variant 3, mRNA;

U7306162|ref|NM\_080705.3| Homo sapiens transient receptor potential cation channel, subfamily V, member 5 (KLK5), transcript variant 3, mRNA;

U7306162|ref|NM\_080705.3| Homo sapiens transient receptor potential cation channel, subfamily V, member 5 (KLK5), transcript variant 3, mRNA; gi|117320539|ref|NM\_001077493.1| Homo sapiens nuclear factor of kappa light chain 10 (KLK10), transcript variant 1, mRNA;

U7306162|ref|NM\_080705.3| Homo sapiens transient receptor potential cation channel, subfamily V, member 5 (KLK5), transcript variant 3, mRNA; gi|117320539|ref|NM\_001077493.1| Homo sapiens nuclear factor of kappa light chain 10 (KLK10), transcript variant 1, mRNA;

U7306162|ref|NM\_080705.3| Homo sapiens transient receptor potential cation channel, subfamily V, member 5 (KLK5), transcript variant 3, mRNA; gi|117320539|ref|NM\_001077493.1| Homo sapiens nuclear factor of kappa light chain 10 (KLK10), transcript variant 1, mRNA; variant 2, mRNA;

-associated transcription factor 1 (BCLAF1), transcript variant 1, mRNA;  
in) (TAC4), transcript variant alpha-2, mRNA; gi|117938255|ref|NM\_170685.2| Homo sapiens tachykini

ant 7, mRNA; gi|117938757|ref|NM\_000516.4| Homo sapiens GNAS complex locus (GNAS), transcript v

pt variant 1, mRNA; gi|117968344|ref|NM\_001077664.1| Homo sapiens upregulator of cell proliferatic  
;

visiae) (ALG9), transcript variant 3, mRNA; gi|118026934|ref|NM\_001077692.1| Homo sapiens asparaç

rich interactive domain 4B (RBP1-like) (ARID4B), transcript variant 3, mRNA;



rotein 134 (TMEM134), transcript variant 3, mRNA;

l1), transcript variant 4, mRNA; gi|118498361|ref|NM\_001079522.1| Homo sapiens kinectin 1 (kinesin  
8739|ref|NR\_046095.1| Homo sapiens dapper, antagonist of beta-catenin, homolog 1 (Xenopus laevis)

, transcript variant 2, mRNA;

29A1), nuclear gene encoding mitochondrial protein, transcript variant 5, mRNA; gi|118582266|ref|NM

rs spectrin repeat containing, nuclear envelope 2 (SYNE2), transcript variant 4, mRNA; gi|118918402|re

riinoimidazole succinocarboxamide synthetase (PAICS), transcript variant 1, mRNA; gi|119220555|ref|N

ant 2, mRNA;

72632.1| Homo sapiens oxidized low density lipoprotein (lectin-like) receptor 1 (OLR1), transcript varian

D: Homo sapiens NLR family, apoptosis inhibitory protein, transcript variant 4 (NAIP), mRNA; gi|341914|  
, pyrin domain containing 1 (NLRP1), transcript variant 3, mRNA; gi|119393880|ref|NM\_033004.3| Hor

t variant 3, mRNA;

1079535.1| Homo sapiens cytoplasmic polyadenylation element binding protein 1 (CPEB1), transcript v:

s NIMA (never in mitosis gene a)-related kinase 3 (NEK3), transcript variant 4, non-coding RNA; gi|22573

o sapiens HYDIN, axonemal central pair apparatus protein (HYDIN), transcript variant 2, mRNA; gi|30974

444|ref|NM\_001184703.1| Homo sapiens glycogenin 2 (GYG2), transcript variant 4, mRNA; gi|2960404

4; gi|119964729|ref|NM\_001079866.1| Homo sapiens BCS1-like (*S. cerevisiae*) (BCS1L), nuclear gene e

protein 1 (HAP1), transcript variant 2, mRNA;

it 4, mRNA; gi|120659783|ref|NM\_016457.4| Homo sapiens protein kinase D2 (PRKD2), transcript vari:

s factor 2 (PEX2), transcript variant 2, mRNA; gi|289063468|ref|NM\_001172087.1| Homo sapiens pero

sapiens caspase 8, apoptosis-related cysteine peptidase (CASP8), transcript variant E, mRNA; gi|122056

riant 1, mRNA; gi|122056618|ref|NM\_001080116.1| Homo sapiens LIM domain binding 3 (LDB3), tran  
:2056621|ref|NM\_183079.2| Homo sapiens prion protein (PRNP), transcript variant 2, mRNA; gi|12205



. (AGTR1), transcript variant 5, mRNA; gi|122939144|ref|NM\_031850.2| Homo sapiens angiotensin II re  
activating protein 9 (ARHGAP9), transcript variant 1, mRNA;  
rotein, transcript variant 2, mRNA;



nt 2, mRNA;  
riant 1, mRNA;

helium derived factor), member 2 (SERPINF2), transcript variant 3, mRNA; gi|260064047|ref|NM\_0011  
n (MAL), transcript variant d, mRNA; gi|12408662|ref|NM\_022439.1| Homo sapiens mal, T-cell differe  
ript variant 2, mRNA; gi|124107609|ref|NM\_001080770.1| Homo sapiens killer cell immunoglobulin-lil

chromosome 15 open reading frame 57 (C15orf57), transcript variant 3, mRNA;

ol kinase, gamma 90kDa (DGKG), transcript variant 3, mRNA;  
| Homo sapiens ATG16 autophagy related 16-like 1 (S. cerevisiae) (ATG16L1), transcript variant 1, mRNA

562.1 | Homo sapiens protein phosphatase 2, regulatory subunit A, beta (PPP2R1B), transcript variant 4,

orphic adenoma gene-like 1 (PLAGL1), transcript variant 6, mRNA; gi|124381126|ref|NM\_001080952.1

i0160.1 | Homo sapiens sodium channel, voltage-gated, type V, alpha subunit (SCN5A), transcript variant

; chorionic somatomammotropin hormone-like 1 (CSHL1), transcript variant 4, mRNA; gi|12545375|ref|

); member 3 (LILRB3), transcript variant 2, mRNA;

-rich sequence DNA-binding factor 1 (GCFC1), transcript variant 1, mRNA;

ens protein tyrosine phosphatase, receptor type, A (PTPRA), transcript variant 3, mRNA;

); member 4 (LILRB4), transcript variant 2, mRNA;

); member 5 (LILRB5), transcript variant 3, mRNA; gi|125987590|ref|NM\_001081442.1| Homo sapiens



a myotonic-protein kinase (DMPK), transcript variant 2, mRNA; gi|126091094|ref|NM\_001081563.1| Homo sapiens  
11B (SPAG11B), transcript variant G, mRNA; gi|126091069|ref|NM\_058207.2| Homo sapiens sperm a

tochondrial protein, transcript variant 2, mRNA;

1755.1| Homo sapiens elastin (ELN), transcript variant 5, mRNA; gi|126352439|ref|NM\_000501.2| Homo sapiens  
81677.1| Homo sapiens sodium channel, voltage-gated, type III, alpha subunit (SCN3A), transcript variant 1  
ains), member 1 (LILRB1), transcript variant 4, mRNA; gi|126362950|ref|NM\_001081637.1| Homo sapiens

ens potassium channel, subfamily K, member 2 (KCNK2), transcript variant 2, mRNA;

rotein 2 (ZFR2), transcript variant 3, non-coding RNA;

RNA;

nscript variant 1, mRNA;

renocortical dysplasia homolog (mouse) (ACD), transcript variant 3, mRNA;

riant 1, mRNA;

ript variant 2, mRNA;

ity candidate 1 (CASC1), transcript variant 4, mRNA; gi|323363018|ref|NM\_001204101.1| Homo sapien

is chromosome 11 open reading frame 57 (C11orf57), transcript variant 2, mRNA;

ns DEAD/H (Asp-Glu-Ala-Asp/His) box helicase 11 (DDX11), transcript variant 2, mRNA; gi|380420355|re

in, subfamily d, member 1 (SMARCD1), transcript variant 1, mRNA;

2578.1 | Homo sapiens RNA binding protein, fox-1 homolog (C. elegans) 2 (RBFOX2), transcript variant 5



), transcript variant 7, mRNA; gi|134053890|ref|NM\_203356.2| Homo sapiens CTAGE family, member

transcript variant 3, mRNA;

transcription factor 5, p130-binding (E2F5), transcript variant 1, mRNA;

3 family member 2 (CELF2), transcript variant 4, mRNA; gi|134152716|ref|NM\_001025077.2| Homo sa

12), transcript variant 1, mRNA;

151|ref|NM\_001083604.1| Homo sapiens patched 1 (PTCH1), transcript variant 1c, mRNA; gi|13425444

cript variant 2, mRNA;

3600.1| Homo sapiens N(alpha)-acetyltransferase 60, NatF catalytic subunit (NAA60), transcript variant :

nin A recognition factor (NARF), transcript variant 1, mRNA; gi|134284355|ref|NM\_001038618.2| Hom

inscript variant 1, mRNA;

tamate receptor, ionotropic, AMPA 2 (GRIA2), transcript variant 1, mRNA;

cript variant 2, mRNA;  
riant 2, mRNA;

riant 2, mRNA;



lherin gamma subfamily A, 11 (PCDHGA11), transcript variant 3, mRNA;

808085|ref|NM\_001032289.1| Homo sapiens solute carrier family 35 (UDP-galactose transporter), mei







l gamma subfamily C, 3 (PCDHGC3), transcript variant 1, mRNA;

) (KIRREL2), transcript variant 3, mRNA;

nain containing (TDRKH), transcript variant 4, mRNA; gi|145312269|ref|NM\_001083963.1| Homo sapie

TBP2), transcript variant 1, mRNA;

se (COLQ), transcript variant II, mRNA; gi|116805306|ref|NM\_005677.3| Homo sapiens collagen-like tr  
eat shock transcription factor, Y-linked 1 (HSFY1), transcript variant 2, mRNA;  
ns heat shock transcription factor, Y linked 2 (HSFY2), transcript variant 1, mRNA;

protein, transcript variant 1, mRNA;  
embrane protease, serine 4 (TMPRSS4), transcript variant 1, mRNA; gi|291167774|ref|NM\_001173551.

), transcript variant c, mRNA;

protease, serine 3 (TMPRSS3), transcript variant A, mRNA; gi|373251165|ref|NM\_001256317.1| Homo

1 | Homo sapiens catenin (cadherin-associated protein), delta 1 (CTNND1), transcript variant 14, mRNA; g

OZ (BTB) and AT hook containing zinc finger 1 (PATZ1), transcript variant 4, mRNA; gi|14670365|ref|NM

MRP 38kDa subunit (RPP38), transcript variant 3, mRNA;

4181.1 | Homo sapiens ectonucleoside triphosphate diphosphohydrolase 1 (ENTPD1), transcript variant !

carrier family 35, member G2 (SLC35G2), transcript variant 2, mRNA;

id receptor 113 (GPR113), transcript variant 1, mRNA;

098210.1 | Homo sapiens catenin (cadherin-associated protein), beta 1, 88kDa (CTNNB1), transcript vari

ylprolyl isomerase (cyclophilin)-like 2 (PPIL2), transcript variant 3, mRNA;

tein 3 (MTMR3), transcript variant 1, mRNA;

romosome 5 open reading frame 44 (C5orf44), transcript variant 4, non-coding RNA; gi|148277001|ref|N  
ript variant 2, mRNA; gi|148277008|ref|NM\_000149.3 | Homo sapiens fucosyltransferase 3 (galactoside  
apiens glucosaminyl (N-acetyl) transferase 1, core 2 (GCNT1), transcript variant 3, mRNA; gi|148277034

omo sapiens heterogeneous nuclear ribonucleoprotein F (HNRNPF), transcript variant 6, mRNA; gi|14847

transcript variant 3, mRNA;

osphate carrier), member 24 (SLC25A24), nuclear gene encoding mitochondrial protein, transcript variant

lectin domain family 4, member A (CLEC4A), transcript variant 1, mRNA; gi|148536835|ref|NM\_194447828879|ref|NM\_001127221.1| Homo sapiens calcium channel, voltage-dependent, P/Q type, alpha 1.

piens nuclear receptor subfamily 1, group I, member 2 (NR1I2), transcript variant 3, mRNA;

leleted in malignant brain tumors 1, transcript variant 1 (DMBT1), mRNA; gi|341913703|ref|XM\_00340

is B-cell CLL/lymphoma 11A (zinc finger protein) (BCL11A), transcript variant 3, mRNA;  
: variant 2, mRNA;  
LIG4), transcript variant 1, mRNA;

variant A, mRNA; gi|295849307|ref|NM\_199452.3| Homo sapiens zinc finger protein 365 (ZNF365), tr:



3 protein signaling modulator 1 (SGSM1), transcript variant 3, mRNA; gi|148612873|ref|NM\_001039941

gene encoding mitochondrial protein, transcript variant 2, mRNA;  
transcript variant 5, mRNA; gi|148612867|ref|NM\_001098496.1| Homo sapiens zinc finger protein 419 (Z

HIV-1 Tat interactive protein 2, 30kDa (HTATIP2), transcript variant 4, mRNA; gi|148728163|ref|NM\_0

31269.2| Homo sapiens CKLF-like MARVEL transmembrane domain containing 1 (CMTM1), transcript va

1\_031292.3 | Homo sapiens pseudouridylate synthase 7 homolog (S. cerevisiae)-like (PUS7L), transcript v

IA;

roline-rich) (AKT1S1), transcript variant 1, mRNA;

osome 1 open reading frame 43 (C1orf43), transcript variant 1, mRNA;

nscrip

transcript variant 2, mRNA;

\_001098722.1| Homo sapiens guanine nucleotide binding protein (G protein), gamma 4 (GNG4), transcri

gene 6 (BAG6), transcript variant 6, mRNA; gi|314122230|ref|NM\_001199697.1| Homo sapiens BCL2-a  
s major histocompatibility complex, class I, F (HLA-F), transcript variant 2, mRNA;  
it variant 3, mRNA; gi|149158708|ref|NM\_001098213.1| Homo sapiens histamine receptor H1 (HRH1),

7102|ref|NM\_153819.1| Homo sapiens RAS guanyl releasing protein 2 (calcium and DAG-regulated) (R

omo sapiens family with sequence similarity 89, member B (FAM89B), transcript variant 3, mRNA;

1 (MID1IP1), transcript variant 1, mRNA;

\_001098811.1| Homo sapiens septin 8 (SEPT8), transcript variant 1, mRNA;

apiens TOX high mobility group box family member 2 (TOX2), transcript variant 2, mRNA; gi|149408140

rotein 91 (TMEM91), transcript variant 1, mRNA; gi|149588686|ref|NM\_001098822.1| Homo sapiens tra

nal, heavy chain 14 (DNAH14), transcript variant 2, mRNA;

7A (HEATR7A), transcript variant 2, mRNA;

Chromosome 3 open reading frame 23 (C3orf23), transcript variant 3, mRNA;

FCAR), transcript variant 6, mRNA; gi|149999341|ref|NM\_133271.2| Homo sapiens Fc fragment of I

transcript variant 4, mRNA; gi|149999357|ref|NM\_001099282.1| Homo sapiens zinc finger protein 239 (Z

V (H2AFV), transcript variant 2, mRNA; gi|149999598|ref|NM\_201517.2| Homo sapiens H2A histone f

Fo complex, subunit C3 (subunit 9) (ATP5G3), nuclear gene encoding mitochondrial protein, transcript v

NM\_001184727.1 | Homo sapiens G protein-coupled receptor associated sorting protein 1 (GPRASP1), tr

ase 6A (KAT6A), transcript variant 2, mRNA;

: 1, mRNA;

2.3 | Homo sapiens CDC14 cell division cycle 14 homolog A (S. cerevisiae) (CDC14A), transcript variant 1,



o sapiens transforming, acidic coiled-coil containing protein 2 (TACC2), transcript variant 2, mRNA; gi|45

5103.2| Homo sapiens intraflagellar transport 74 homolog (Chlamydomonas) (IFT74), transcript variant

drial protein, transcript variant 1, mRNA;

M14), transcript variant 1, mRNA;

variant 4, non-coding RNA; gi|152963632|ref|NM\_194325.2| Homo sapiens zinc finger protein 30 (ZNF:

NM\_000278.3| Homo sapiens paired box 2 (PAX2), transcript variant b, mRNA; gi|152963642|ref|NM\_(

number, X-linked (MAGIX), transcript variant 4, mRNA; gi|153070257|ref|NM\_024859.2| Homo sapiens M

hesion molecule 2 (ICAM2), transcript variant 3, mRNA; gi|153082721|ref|NM\_001099789.1| Homo sa

A virus cellular receptor 1 (HAVCR1), transcript variant 2, mRNA;

569.1| Homo sapiens HIG1 hypoxia inducible domain family, member 1A (HIGD1A), transcript variant 2,  
interacting) (SYBU), transcript variant 8, mRNA; gi|153090181|ref|NM\_001099743.1| Homo sapiens sy

transcript variant 2, mRNA;

omo sapiens family with sequence similarity 54, member B (FAM54B), transcript variant 4, mRNA; gi|153251981|ref|NM\_001825.2| Homo sapiens

lomo sapiens family with sequence similarity 86, member C1 (FAM86C1), transcript variant 1, mRNA;

mitochondrial protein, transcript variant 3, mRNA; gi|153251981|ref|NM\_001825.2| Homo sapiens cr

ot variant 4, mRNA;

ase 5 (GGT5), transcript variant 3, mRNA;

upled receptor kinase 6 (GRK6), transcript variant 2, mRNA;

sapiens MCF.2 cell line derived transforming sequence (MCF2), transcript variant 2, mRNA; gi|28479524

transcript variant 1, mRNA;

chromosome 8 open reading frame 59 (C8orf59), transcript variant 2, mRNA; gi|153792792|ref|NM\_0

; (yeast) (TOMM5), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|197333  
ariant 4, mRNA; gi|197304796|ref|NM\_001099696.2| Homo sapiens replication initiator 1 (REPIN1), tr:

ant 3, mRNA; gi|223671871|ref|NM\_001145255.1| Homo sapiens inhibitor of kappa light polypeptide  $\kappa$

rier family 47, member 2 (SLC47A2), transcript variant 1, mRNA;

ronal 3 (LRRN3), transcript variant 1, mRNA;

g enzyme 2 (ECE2), transcript variant 5, mRNA; gi|153945760|ref|NM\_014693.3| Homo sapiens endoth

05.2 | Homo sapiens BCL2/adenovirus E1B 19kDa interacting protein 1 (BNIP1), transcript variant BNIP1,  
NA; gi|153946426|ref|NM\_001100118.1| Homo sapiens X-ray repair complementing defective repair

A;

in-like (RALYL), transcript variant 3, mRNA; gi|154240737|ref|NM\_001100393.1| Homo sapiens RALY R

rotein, transcript variant 2, mRNA; gi|154354965|ref|NM\_001100170.1| Homo sapiens inner membrar  
tase and actin regulator 2 (PHACTR2), transcript variant 4, mRNA; gi|154354967|ref|NM\_001100164.1|

no sapiens V-set and immunoglobulin domain containing 4 (VSIG4), transcript variant 3, mRNA; gi|29643

.122357|ref|NM\_001199707.1| Homo sapiens KIAA0895 (KIAA0895), transcript variant 4, mRNA; gi|314

is chromosome 21 open reading frame 91 (C21orf91), transcript variant 3, mRNA;

omo sapiens spermatogenesis associated, serine-rich 2-like (SPATS2L), transcript variant 2, mRNA; gi|15

ariant 1, mRNA;

nsript variant 2, mRNA;

ERPINA10), transcript variant 1, mRNA;

taining 5 (COMMD5), transcript variant 1, mRNA;

), transcript variant 2, mRNA;

is chromosome 17 open reading frame 80 (C17orf80), transcript variant 2, mRNA;

mRNA;

ript variant 1, mRNA;



riant 2, mRNA;

.3| Homo sapiens phytanoyl-CoA dioxygenase domain containing 1 (PHYHD1), transcript variant 2, mRN

transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4B (SEMA4B), transcript variant 1, mRNA

Homo sapiens RAP1, GTP-GDP dissociation stimulator 1 (RAP1GDS1), transcript variant 3, mRNA; gi|155030

AA;

AA; gi|295821220|ref|NM\_001178015.1| Homo sapiens solute carrier family 4, sodium bicarbonate tra

NM\_019625.3| Homo sapiens ATP-binding cassette, sub-family B (MDR/TAP), member 9 (ABCB9), transcript  
NRD1, transcript variant 1, mRNA;

AA1), transcript variant 2, mRNA;

(RAC1), transcript variant Rac1, mRNA;

2.3 | Homo sapiens septin 6 (SEPT6), transcript variant V, mRNA;

sapiens C1q and tumor necrosis factor related protein 1 (C1QTNF1), mRNA;

mRNA;

apiens chromosome 14 open reading frame 159 (C14orf159), transcript variant 1, mRNA; gi|156139132

omo sapiens family with sequence similarity 13, member B (FAM13B), transcript variant 3, mRNA;

sapiens heterogeneous nuclear ribonucleoprotein R (HNRNPR), transcript variant 1, mRNA; gi|1561513

pe domain 5 (ZFAND5), transcript variant c, mRNA;

transcript variant 3, mRNA;

transmembrane protein 176B (TMEM176B), transcript variant 5, mRNA; gi|156416013|ref|NM\_014020.3| Homo

23236|ref|NM\_001102559.1| Homo sapiens phosphatidic acid phosphatase type 2 domain containing 1

2873.2| Homo sapiens intraflagellar transport 43 homolog (Chlamydomonas) (IFT43), transcript variant

ript variant 3, mRNA;

nt 1, mRNA;

phila) (DTX2), transcript variant 2, mRNA; gi|156564383|ref|NM\_001102595.1| Homo sapiens deltex h  
gi|156564392|ref|NM\_001102600.1| Homo sapiens carcinoembryonic antigen-related cell adhesion m

573.1| Homo sapiens IMP (inosine 5'-monophosphate) dehydrogenase 1 (IMPDH1), transcript variant 5,

f|NM\_002789.4| Homo sapiens proteasome (prosome, macropain) subunit, alpha type, 4 (PSMA4), tra

g GYF protein 2 (GIGYF2), transcript variant 3, mRNA; gi|156766044|ref|NM\_001103147.1| Homo sapi

sapiens paraneoplastic Ma antigen family member 5 (PNMA5), transcript variant 4, mRNA; gi|15676606

ribonuclease, RNase A family, 1 (pancreatic) (RNASE1), transcript variant 3, mRNA; gi|156938333|ref|N

A;



1 (BMP4), transcript variant 1, mRNA;

odiesterase 4D, cAMP-specific (PDE4D), transcript variant 5, mRNA; gi|308387373|ref|NM\_001197218

1\_001177317.1| Homo sapiens solute carrier family 34 (sodium phosphate), member 3 (SLC34A3), tran:  
:ript variant 2, mRNA;

1|ref|NM\_005078.2| Homo sapiens transducin-like enhancer of split 3 (E(sp1) homolog, Drosophila) (TI

omo sapiens family with sequence similarity 70, member A (FAM70A), transcript variant 1, mRNA;

. (SLFN11), transcript variant 3, mRNA; gi|157388958|ref|NM\_001104588.1| Homo sapiens schlafen fa

RNA;

ranscript variant 2, mRNA;

domain containing 1 (RUSC1), transcript variant 4, mRNA; gi|157412248|ref|NM\_001105205.1| Homo :

rotein 177 (TMEM177), transcript variant 1, mRNA;

iant 1, mRNA; gi|157419134|ref|NM\_172159.3| Homo sapiens potassium voltage-gated channel, shak

ring finger protein 8, E3 ubiquitin protein ligase (RNF8), transcript variant 3, non-coding RNA;

it 3, mRNA;

el-like 5 (TMC5), transcript variant 1, mRNA;

ily with sequence similarity 123C (FAM123C), transcript variant 3, mRNA; gi|157427660|ref|NM\_00111

iant 1, mRNA;

ens enoyl CoA hydratase domain containing 1 (ECHDC1), transcript variant 1, mRNA; gi|213417736|ref|

l-coil alpha-helical rod protein 1 (CCHCR1), transcript variant 3, mRNA;

variant 3, mRNA; gi|157738652|ref|NM\_001105549.1| Homo sapiens zinc finger protein 83 (ZNF83), ti

lakin interacting protein (KAZN), transcript variant D, mRNA; gi|157837980|ref|NM\_015209.2| Homo s

ated protein kinase 3 (MAPK3), transcript variant 1, mRNA;

sapiens chromodomain helicase DNA binding protein 3 (CHD3), transcript variant 1, mRNA;

cript variant 1, mRNA;

mo sapiens ribonuclease, RNase A family, 9 (non-active) (RNASE9), transcript variant 4, mRNA; gi|16033

kDa (NDUFB3), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA;

um channel, subfamily K, member 7 (KCNK7), transcript variant B, mRNA; gi|5031820|ref|NM\_005714.:

(CVR1C), transcript variant 2, mRNA; gi|161333836|ref|NM\_001111032.1| Homo sapiens activin A rece

nsript variant b, mRNA;

hatase 5, tartrate resistant (ACP5), transcript variant 3, mRNA; gi|161377450|ref|NM\_001111034.1| H

|ref|NM\_003914.3| Homo sapiens cyclin A1 (CCNA1), transcript variant 1, mRNA;



odiesterase 4A, cAMP-specific (PDE4A), transcript variant 2, mRNA; gi|162329607|ref|NM\_001111307.

AO1), transcript variant 1, mRNA;

1 and calponin homology domains 1 (LIMCH1), transcript variant 1, mRNA; gi|163310748|ref|NM\_0011

11B), transcript variant 5, mRNA; gi|16332371|ref|NM\_033493.1| Homo sapiens cyclin-dependent kinase

variant 2, mRNA; gi|163644286|ref|NM\_181828.2| Homo sapiens neurofibromin 2 (merlin) (NF2), transcript

transcript variant beta, mRNA; gi|242117894|ref|NR\_027882.1| Homo sapiens BCL2-associated X protein  
ate receptor, ionotropic, AMPA 3 (GRIA3), transcript variant 2, mRNA;  
ns insulin-like growth factor 1 (somatomedin C) (IGF1), transcript variant 4, mRNA; gi|163659900|ref|N

gating enzyme E2K (UBE2K), transcript variant 2, mRNA;

A;

gi|163965370|ref|NM\_001113205.1| Homo sapiens thiosulfate sulfurtransferase (rhodanese)-like dom:

in, subfamily a, member 1 (SMARCA1), transcript variant 2, mRNA;

rting enzyme 1 (ECE1), transcript variant 3, mRNA; gi|164519130|ref|NM\_001397.2| Homo sapiens enc  
n family, member 14 (TBC1D14), transcript variant 3, mRNA;

85B), transcript variant 3, mRNA;

iancy specific beta-1-glycoprotein 11 (PSG11), transcript variant 1, mRNA;

ein signaling 4 (RGS4), transcript variant 3, mRNA; gi|164664489|ref|NM\_001113381.1| Homo sapiens

o-alpha-like (MANEAL), transcript variant 1, mRNA;  
\_001113495.1| Homo sapiens septin 9 (SEPT9), transcript variant 4, mRNA; gi|164698499|ref|NM\_001

.2| Homo sapiens intraflagellar transport 122 homolog (Chlamydomonas) (IFT122), transcript variant 3,

Homo sapiens Rho guanine nucleotide exchange factor (GEF) 7 (ARHGEF7), transcript variant 1, mRNA; i  
transcript variant 2, mRNA; gi|166064049|ref|NM\_000803.4| Homo sapiens folate receptor 2 (fetal) (I

no sapiens protein tyrosine phosphatase, non-receptor type 6 (PTPN6), transcript variant 3, mRNA;

t variant gamma, mRNA; gi|166158920|ref|NM\_013996.2| Homo sapiens tachykinin, precursor 1 (TAC

ulating factor 1 (macrophage) (CSF1), transcript variant 2, mRNA;

i4391.1| Homo sapiens metal response element binding transcription factor 2 (MTF2), transcript variant

ing mitochondrial protein, transcript variant 1, mRNA;

sapiens gamma-aminobutyric acid (GABA) B receptor, 1 (GABBR1), transcript variant 2, mRNA;

L, mRNA;

antigen 1; alpha polypeptide) (ITGAL), transcript variant 1, mRNA;

iated domain containing 4 (PAPD4), transcript variant 1, mRNA;

1 | Homo sapiens killer cell lectin-like receptor subfamily D, member 1 (KLRD1), transcript variant 3, mRl

variant 3, mRNA;

pt variant 2, mRNA; gi|167857783|ref|NM\_001114619.1| Homo sapiens mannosyl (alpha-1,3-)-glycop

ia gene 1 (PLAG1), transcript variant 1, mRNA;

DHB), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;



(DICER1), transcript variant 3, mRNA;

ript variant 1, mRNA;

213.3 | PREDICTED: Homo sapiens anaphase-promoting complex subunit 1-like, transcript variant 1 (LOI

RNA; gi|169234658|ref|NM\_001114979.1| Homo sapiens tumor protein p63 (TP63), transcript variant IN54), transcript variant 3, mRNA;

, transcript variant 2, mRNA; gi|169234763|ref|NM\_016050.3| Homo sapiens mitochondrial ribosomal

'096.2| Homo sapiens cytochrome P450, family 3, subfamily A, polypeptide 43 (CYP3A43), transcript var

, transcript variant 2, mRNA;

, transcript variant 2, mRNA;

tein, transcript variant 2, mRNA;

, transcript variant 5, mRNA; gi|169646288|ref|NM\_178336.2| Homo sapiens mitochondrial ribosomal

, transcript variant 6, mRNA; gi|169646411|ref|NM\_181465.2| Homo sapiens mitochondrial ribosomal

IA;

nsferase) (GLRX), transcript variant 3, mRNA; gi|169646771|ref|NM\_002064.2| Homo sapiens glutarec

lomo sapiens bone morphogenetic protein receptor, type IB (BMPRI1B), transcript variant 3, mRNA; gi|3

lysosomal-associated membrane protein 2 (LAMP2), transcript variant B, mRNA;

ranscription factor 1 (RUNX1), transcript variant 1, mRNA;

DKN1A interacting protein (BCCIP), transcript variant C, mRNA;

| Homo sapiens cyclin-dependent kinase inhibitor 1C (p57, Kip2) (CDKN1C), transcript variant 2, mRNA;

ltransferase 9 (GalNAc-T9) (GALNT9), transcript variant B, mRNA;

37.2| Homo sapiens parkinson protein 2, E3 ubiquitin protein ligase (parkin) (PARK2), transcript variant 2

TF2I), transcript variant 3, mRNA; gi|169881253|ref|NM\_032999.2| Homo sapiens general transcriptio

sphorylase kinase, alpha 1 (muscle) (PHKA1), transcript variant 1, mRNA;

cysteine conjugate-beta lyase, cytoplasmic (CCBL1), transcript variant 2, mRNA;

protein 2 (SH3BP2), transcript variant 3, mRNA; gi|224994218|ref|NM\_001145855.1| Homo sapiens Si

2, mRNA; gi|170295803|ref|NM\_001122742.1| Homo sapiens estrogen receptor 1 (ESR1), transcript va

t 2, mRNA;

helial splicing regulatory protein 1 (ESRP1), transcript variant 5, mRNA; gi|170763524|ref|NM\_0010345

l), transcript variant 2, mRNA;

.001122837.1| Homo sapiens solute carrier family 50 (sugar transporter), member 1 (SLC50A1), transcri

4|ref|NR\_037935.1| Homo sapiens lipoyltransferase 1 (LIPT1), transcript variant 7, non-coding RNA; gi|

mitochondrial protein, transcript variant 2, mRNA;

number 13 (SLC25A13), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|23764

1 (Drosophila) (EYA1), transcript variant 2, mRNA; gi|172072605|ref|NM\_000503.4| Homo sapiens eya

RNA;

licing factor 60KDa (PUF60), transcript variant 2, mRNA;

(PTGS1), transcript variant 1, mRNA;



2, MSK12) (ITGB1), transcript variant 1D, mRNA; gi|182519230|ref|NM\_002211.3| Homo sapiens integ

1|ref|NR\_045259.1| Homo sapiens neuropilin 1 (NRP1), transcript variant 6, non-coding RNA; gi|35027

n1 nuclear protein homolog (mouse) (MDM1), transcript variant 2, mRNA; gi|326381067|ref|NM\_0012

TO1), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|183227702|ref|NM\_

NA; gi|183396784|ref|NM\_001123384.1| Homo sapiens BCL6 corepressor (BCOR), transcript variant 4,

gi|293597571|ref|NM\_001177310.1| Homo sapiens transient receptor potential cation channel, subfa

idase 20 (USP20), transcript variant 3, mRNA;

RNA;

rotein phosphatase 6, catalytic subunit (PPP6C), transcript variant 1, mRNA;

2 (juvenile) (HFE2), transcript variant c, mRNA; gi|183603933|ref|NM\_213653.3| Homo sapiens hemoc

ns insulin-like growth factor 2 (somatomedin A) (IGF2), transcript variant 2, mRNA;

skeletal, fast) (TNNT3), transcript variant 4, mRNA; gi|184172389|ref|NM\_001042781.2| Homo sapien

; heterogeneous nuclear ribonucleoprotein K (HNRNPK), transcript variant 1, mRNA;

i, transcript variant 1, mRNA;

ctivating protein 1 (RACGAP1), transcript variant 1, mRNA;

VA; gi|186910314|ref|NM\_000339.2| Homo sapiens solute carrier family 12 (sodium/chloride transpor  
growth factor (HDGF), transcript variant 1, mRNA;

hiamine pyrophosphate carrier), member 19 (SLC25A19), nuclear gene encoding mitochondrial protein,

inducible RNA binding protein (CIRBP), transcript variant 1, mRNA;

n BstNI subfamily 1 (PRB1), transcript variant 1, mRNA;

i, transcript variant 1, mRNA;

i complex subunit 3 (Psf3 homolog) (GINS3), transcript variant 2, mRNA;

L (skeletal, slow) (TNNT1), transcript variant 1, mRNA;

50.1| Homo sapiens nitric oxide synthase 1 (neuronal) adaptor protein (NOS1AP), transcript variant 2, m

orter light chain, bo,+ system), member 9 (SLC7A9), transcript variant 3, mRNA; gi|187423909|ref|NM\_(

(CHIT1), transcript variant 3, non-coding RNA; gi|371122557|ref|NM\_001256125.1| Homo sapiens chit  
4.1| Homo sapiens CCHC-type zinc finger, nucleic acid binding protein (CNBP), transcript variant 4, mRNA;

e family member 4 (CELF4), transcript variant 1, mRNA; gi|187761300|ref|NM\_001025088.1| Homo sapiens  
cycling) 2 (HMOX2), transcript variant 3, mRNA; gi|187761310|ref|NM\_001127206.1| Homo sapiens h  
n, subfamily a-like 1 (SMARCAL1), transcript variant 2, mRNA;

cript variant 1, mRNA;

.1| Homo sapiens growth factor independent 1 transcription repressor (GFI1), transcript variant 2, mRNA;

M\_031939.3| Homo sapiens maestro (MRO), transcript variant 1, mRNA;

apiens CD59 molecule, complement regulatory protein (CD59), transcript variant 5, mRNA; gi|18782906  
ase (ADPGK), transcript variant 2, non-coding RNA;  
rora kinase A interacting protein 1 (AURKAIP1), transcript variant 1, mRNA;  
lity candidate 2 (AUTS2), transcript variant 2, mRNA;

4.3 | Homo sapiens leucine rich repeat containing 8 family, member A (LRRC8A), transcript variant 2, mR  
S), transcript variant 1, mRNA;

DPYSL5), transcript variant 2, mRNA;

, pyrin domain containing 7 (NLRP7), transcript variant 3, mRNA;

encoding mitochondrial protein, transcript variant 1, mRNA;

t variant 2, mRNA;

no sapiens putative homeodomain transcription factor 2 (PHTF2), transcript variant 3, mRNA; gi|188215

1| Homo sapiens family with sequence similarity 221, member A (FAM221A), transcript variant 3, mRNA;

3, mRNA;

| Homo sapiens protein phosphatase 2, regulatory subunit B, beta (PPP2R2B), transcript variant 7, mRNA;

ome b5 domain containing 2 (CYB5D2), transcript variant 2, mRNA;

3500.2 | Homo sapiens hexokinase 1 (HK1), nuclear gene encoding mitochondrial protein, transcript vari

IM\_001127394.2 | Homo sapiens tRNA splicing endonuclease 15 homolog (S. cerevisiae) (TSEN15), trans

JSP2), transcript variant 3, mRNA;

'EL5), transcript variant 1, mRNA; gi|188528704|ref|NM\_016061.2 | Homo sapiens yippee-like 5 (Droso

ant 3, mRNA;

iens CD36 molecule (thrombospondin receptor) (CD36), transcript variant 1, mRNA; gi|188536064|ref|



I\_000663.4| Homo sapiens 4-aminobutyrate aminotransferase (ABAT), nuclear gene encoding mitochondr

07), transcript variant 3, non-coding RNA;

RNA;

), transcript variant N1, mRNA; gi|188595669|ref|NM\_020549.4| Homo sapiens choline O-acetyltransf

rotein, transcript variant 2, mRNA;

OX15), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;

7924.3| Homo sapiens N-acylsphingosine amidohydrolase (acid ceramidase) 1 (ASAH1), transcript varia

ipt variant 2, mRNA;

iboside kinase 1 (NMRK1), transcript variant 2, mRNA;

LE), transcript variant 2, mRNA;

1\_001127648.1| Homo sapiens gamma-aminobutyric acid (GABA) A receptor, alpha 1 (GABRA1), transcr  
[NCF2), transcript variant 4, mRNA; gi|299829277|ref|NM\_001127651.2| Homo sapiens neutrophil cyt

98904.2| Homo sapiens gamma-aminobutyric acid (GABA) A receptor, gamma 2 (GABRG2), transcript v

7664.1| Homo sapiens gelsolin (GSN), transcript variant 5, mRNA; gi|189083777|ref|NM\_001127665.1

growth family, member 4 (ING4), transcript variant 3, mRNA; gi|189083827|ref|NM\_001127584.1| Ho

00569.6| Homo sapiens Fc fragment of IgG, low affinity IIIa, receptor (CD16a) (FCGR3A), transcript varia

mRNA;

095231|ref|NM\_000219.3| Homo sapiens potassium voltage-gated channel, Isk-related family, membe  
2, mRNA;

nscript variant 2, mRNA;

pled receptor 126 (GPR126), transcript variant b1, mRNA; gi|189095281|ref|NM\_020455.5| Homo sapi

re peptidase inhibitor, Kazal type 5 (SPINK5), transcript variant 1, mRNA;

ERPINA1), transcript variant 7, mRNA; gi|189163525|ref|NM\_001002235.2| Homo sapiens serpin pepti

as C-type lectin domain family 12, member A (CLEC12A), transcript variant 2, mRNA;

189181721|ref|NM\_001127709.1| Homo sapiens proteoglycan 4 (PRG4), transcript variant C, mRNA;

RNA;

gi|189217424|ref|NM\_001127717.1| Homo sapiens laminin, alpha 3 (LAMA3), transcript variant 3, mRNA  
f|NM\_001127890.1| Homo sapiens spastic paraplegia 21 (autosomal recessive, Mast syndrome) (SPG21  
MMP2), transcript variant 2, mRNA;

:rate 1 (CABLES1), transcript variant 4, mRNA; gi|189217870|ref|NM\_001100619.2| Homo sapiens Cdk

ef|NM\_001127895.1| Homo sapiens carbohydrate (N-acetylgalactosamine 4-O) sulfotransferase 8 (CHST  
4 (Drosophila) (EYA4), transcript variant 1, mRNA;

annel, voltage-sensitive 5 (CLCN5), transcript variant 3, mRNA;

transcript variant 3, mRNA; gi|153252153|ref|NM\_015485.4| Homo sapiens RWD domain containing 3 (F001128144.1| Homo sapiens PMS1 postmeiotic segregation increased 1 (S. cerevisiae) (PMS1), transcrip

binding protein 1 (LBP-1a) (UBP1), transcript variant 1, mRNA;

| Homo sapiens nuclear receptor subfamily 2, group C, member 1 (NR2C1), transcript variant 2, mRNA;

iens p21 protein (Cdc42/Rac)-activated kinase 3 (PAK3), transcript variant 5, mRNA; gi|189491752|ref|I

enile) (NPHP1), transcript variant 4, mRNA; gi|189491772|ref|NM\_000272.3| Homo sapiens nephrono

13, mRNA; gi|189571593|ref|NM\_001392.4| Homo sapiens dystrobrevin, alpha (DTNA), transcript vari

|ref|NM\_001128205.1| Homo sapiens sulfatase 1 (SULF1), transcript variant 1, mRNA;

ef|NM\_000337.5| Homo sapiens sarcoglycan, delta (35kDa dystrophin-associated glycoprotein) (SGCD)

571682|ref|NM\_001128212.1| Homo sapiens WD repeat, sterile alpha motif and U-box domain contain

teracting protein 1 (PSIP1), transcript variant 2, mRNA;

GLL4), transcript variant 1, mRNA; gi|190014594|ref|NM\_001128220.1| Homo sapiens vestigial like 4 (

script variant 1, mRNA;

PLSCR4), transcript variant 5, mRNA; gi|190194380|ref|NM\_001128306.1| Homo sapiens phospholipid

sapiens ring finger protein 216 pseudogene 1 (RNF216P1), transcript variant 3, non-coding RNA;

.10), transcript variant d, mRNA; gi|190343009|ref|NM\_004509.3| Homo sapiens SP110 nuclear body p

6| Homo sapiens family with sequence similarity 198, member B (FAM198B), transcript variant 2, mRNA

.137.1| Homo sapiens erythrocyte membrane protein band 4.9 (dematin) (EPB49), transcript variant 4, r

mitochondrial protein, transcript variant 1, mRNA;

ref|NM\_001135750.1| Homo sapiens proteasome (prosome, macropain) assembly chaperone 4 (PSMG

r (TC2N), transcript variant 3, mRNA;

RNA; gi|190684654|ref|NM\_030807.3| Homo sapiens solute carrier family 2 (facilitated glucose transp

8 (USP8), transcript variant 1, mRNA;

3479|ref|NM\_001128612.1| Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif :

90881474|ref|NM\_139025.3| Homo sapiens ADAM metalloproteinase with thrombospondin type 1 mo  
rotein, transcript variant 2, mRNA;

5.1| Homo sapiens Rho guanine nucleotide exchange factor (GEF) 3 (ARHGEF3), transcript variant 2, mRN

.P), transcript variant 3, non-coding RNA;

ila) (SPIRE1), transcript variant 3, mRNA;

p21 protein (Cdc42/Rac)-activated kinase 6 (PAK6), transcript variant 1, mRNA;

192807296|ref|NM\_000720.2| Homo sapiens calcium channel, voltage-dependent, L type, alpha 1D subunit, isoform 1, transcript variant 6, mRNA; gi|192807310|ref|NM\_003072.2| Homo sapiens calcium channel, voltage-dependent, L type, alpha 1D subunit, isoform 1, transcript variant 2, mRNA;

192807310|ref|NM\_003072.2| Homo sapiens calcium channel, voltage-dependent, L type, alpha 1D subunit, isoform 1, transcript variant 2, mRNA; gi|192807310|ref|NM\_003072.2| Homo sapiens calcium channel, voltage-dependent, L type, alpha 1D subunit, isoform 1, transcript variant 2, mRNA;

192807310|ref|NM\_003072.2| Homo sapiens calcium channel, voltage-dependent, L type, alpha 1D subunit, isoform 1, transcript variant 2, mRNA; gi|192807310|ref|NM\_003072.2| Homo sapiens calcium channel, voltage-dependent, L type, alpha 1D subunit, isoform 1, transcript variant 2, mRNA;

192807310|ref|NM\_003072.2| Homo sapiens calcium channel, voltage-dependent, L type, alpha 1D subunit, isoform 1, transcript variant 2, mRNA; gi|192807310|ref|NM\_003072.2| Homo sapiens calcium channel, voltage-dependent, L type, alpha 1D subunit, isoform 1, transcript variant 2, mRNA;

192807310|ref|NM\_003072.2| Homo sapiens calcium channel, voltage-dependent, L type, alpha 1D subunit, isoform 1, transcript variant 2, mRNA; gi|192807310|ref|NM\_003072.2| Homo sapiens calcium channel, voltage-dependent, L type, alpha 1D subunit, isoform 1, transcript variant 2, mRNA;

;



RNA;

1 | Homo sapiens chromosome 14 open reading frame 167 (C14orf167), transcript variant 2, non-coding

3926.1 | Homo sapiens long intergenic non-protein coding RNA 470 (LINC00470), transcript variant 2, nc

HG4), transcript variant 3, mRNA; gi|193211593|ref|NM\_001129727.1 | Homo sapiens pleckstrin homo  
no sapiens protein phosphatase, Mg<sup>2+</sup>/Mn<sup>2+</sup> dependent, 1A (PPM1A), transcript variant 3, mRNA;

93788727|ref|NM\_001129829.1 | Homo sapiens calcium channel, voltage-dependent, L type, alpha 1C

script variant 2, mRNA;  
transcript variant 1, mRNA;

gi|193794869|ref|NM\_001126055.2| Homo sapiens calcium/calmodulin-dependent serine protein kinase

zinc finger protein member 673 (ZNF673), transcript variant 3, mRNA; gi|194018554|ref|NM\_017776.2| Homo sapiens

NM\_001129995.1| Homo sapiens potassium channel tetramerisation domain containing 15 (KCTD15), transcript

1), transcript variant 1, mRNA;

;

5177.3| Homo sapiens ATPase, H<sup>+</sup> transporting, lysosomal V0 subunit a1 (ATP6V0A1), transcript variant

2| Homo sapiens family with sequence similarity 115, member C (FAM115C), transcript variant 3, mRNA

ref|NM\_130843.2| Homo sapiens protein tyrosine phosphatase, receptor type, N polypeptide 2 (PTPRN

transcript variant 3, mRNA;

it 4, mRNA; gi|194097466|ref|NM\_001130033.1| Homo sapiens pleckstrin homology domain containir

ANBP3), transcript variant RANBP3-d, mRNA;

factor 7 (ATF7), transcript variant 2, mRNA; gi|331999947|ref|NM\_001206682.1| Homo sapiens activa

67|ref|NM\_001130041.1| Homo sapiens SHC (Src homology 2 domain containing) transforming protein

ta (quinone reductase) (CRYZ), transcript variant 4, mRNA; gi|194239672|ref|NM\_001889.3| Homo sa

3K9), transcript variant 1, mRNA; gi|194239704|ref|NM\_001130048.1| Homo sapiens dedicator of cyto

NA;

2kDa (CEP112), transcript variant 1, mRNA;

A;

o sapiens actin binding LIM protein family, member 2 (ABLIM2), transcript variant 1, mRNA; gi|1942722

eat containing 48 (LRRC48), transcript variant 2, mRNA; gi|194272227|ref|NM\_001130092.1| Homo sa

transcript variant 1, mRNA;

94294542|ref|NM\_001130105.1| Homo sapiens collagen, type IV, alpha 3 (Goodpasture antigen) binding protein, alpha 3, 30kDa (GJB6), transcript variant 1, mRNA; gi|194306615|ref|NM\_001110220.2| Homo sapiens immunoglobulin superfamily containing leucine-rich repeat 2 (ISLR2), transcript variant 1, mRNA;

protein, beta 6, 30kDa (GJB6), transcript variant 1, mRNA; gi|194306615|ref|NM\_001110220.2| Homo sapiens immunoglobulin superfamily containing leucine-rich repeat 2 (ISLR2), transcript variant 1, mRNA;

Homo sapiens von Willebrand factor A domain containing 5A (VWA5A), transcript variant 1, mRNA;

domain containing 77 (CCDC77), transcript variant 2, mRNA; gi|194306659|ref|NM\_001130147.1| Homo sapiens von Willebrand factor A domain containing 5A (VWA5A), transcript variant 1, mRNA;

Homo sapiens pregnancy specific beta-1-glycoprotein 8 (PSG8), transcript variant 1, mRNA;

Homo sapiens DnaJ (Hsp40) homolog, subfamily A, member 4 (DNAJA4), transcript variant 2, mRNA;

Homo sapiens acetyl-CoA acyltransferase 1 (ACAA1), transcript variant 3, non-coding RNA;

in, subfamily c, member 2 (SMARCC2), transcript variant 1, mRNA; gi|194363724|ref|NM\_001130420.1

GSTZ1), transcript variant 1, mRNA;

93|ref|NR\_024040.1| Homo sapiens chondroitin sulfate N-acetylgalactosaminyltransferase 1 (CSGALNA

|NM\_002041.4| Homo sapiens GA binding protein transcription factor, beta subunit 1 (GABPB1), transc

, transcript variant 3, mRNA; gi|194473733|ref|NM\_001530.3| Homo sapiens hypoxia inducible factor

ated protein kinase 14 (MAPK14), transcript variant 4, mRNA; gi|194578902|ref|NM\_001315.2| Homo  
saryotic translation initiation factor 4E (EIF4E), transcript variant 2, mRNA;

n protein 3 (NPAS3), transcript variant 4, mRNA; gi|194595497|ref|NM\_173159.2| Homo sapiens neur

1GB2), transcript variant 3, mRNA;

NM\_000944.4| Homo sapiens protein phosphatase 3, catalytic subunit, alpha isozyme (PPP3CA), transci  
ed phosphatase) (PTPN13), transcript variant 4, mRNA; gi|194688154|ref|NM\_080684.2| Homo sapien

, galactoside-binding, soluble, 9 (LGALS9), transcript variant 2, mRNA;



53.2| Homo sapiens interaction protein for cytohesin exchange factors 1 (IPCEF1), transcript variant 3,

03505.2| Homo sapiens GTPase activating protein (SH3 domain) binding protein 2 (G3BP2), transcript v

3, mRNA;

metallopeptidase domain 29 (ADAM29), transcript variant 3, mRNA; gi|195232762|ref|NM\_00113070  
mo sapiens tafazzin (TAZ), nuclear gene encoding mitochondrial protein, transcript variant 4, mRNA; gi|  
is chromosome 14 open reading frame 93 (C14orf93), transcript variant 2, mRNA;

/E domain containing 3 (RUFY3), transcript variant 3, mRNA;

222721|ref|NM\_001130710.1| Homo sapiens LSM5 homolog, U6 small nuclear RNA associated (S. cere

ariant 2, mRNA;

\_001130725.1| Homo sapiens proteasome (prosome, macropain) subunit, beta type, 5 (PSMB5), transcr  
, transcript variant 3, mRNA; gi|195539357|ref|NM\_000032.4| Homo sapiens aminolevulinate, delta-, :

RAB, member RAS oncogene family-like 5 (RABL5), transcript variant 3, mRNA; gi|195546888|ref|NM\_0  
ens suppressor of Ty 5 homolog (*S. cerevisiae*) (SUPT5H), transcript variant 1, mRNA; gi|195546899|ref  
protein, epsilon polypeptide (YWHAE), transcript variant 1, mRNA;

4B39), transcript variant 3, mRNA;

p 2 (ERCC2), transcript variant 1, mRNA;

t variant 2, mRNA;

lomo sapiens RAB, member of RAS oncogene family-like 2B (RABL2B), transcript variant 6, mRNA; gi|51

), transcript variant 2, mRNA;

2A (MEF2A), transcript variant 4, mRNA; gi|195972802|ref|NM\_001130927.1| Homo sapiens myocyte

is chromosome 1 open reading frame 101 (C1orf101), transcript variant 3, mRNA;

cript variant 1, mRNA;

D1), transcript variant 1, mRNA;

976768|ref|NM\_001130983.1| Homo sapiens dysferlin, limb girdle muscular dystrophy 2B (autosomal r

), transcript variant 1, mRNA; gi|340745314|ref|NM\_175726.3| Homo sapiens interleukin 5 receptor, α

ein 1, cellular (RBP1), transcript variant 1, mRNA;

1008.1 | Homo sapiens protein tyrosine phosphatase, non-receptor type 12 (PTPN12), transcript variant

KN1A interacting zinc finger protein 1 (CIZ1), transcript variant 2, mRNA; gi|196115152|ref|NM\_00113:  
piens ubiquitin specific peptidase 4 (proto-oncogene) (USP4), transcript variant 2, mRNA;  
motor neuron 2, centromeric (SMN2), transcript variant b, mRNA; gi|196115210|ref|NM\_017411.3| Hc  
; gi|196162693|ref|NM\_022406.2 | Homo sapiens X-ray repair complementing defective repair in Chine

s factor 5 (PEX5), transcript variant 4, mRNA; gi|196259771|ref|NM\_001131024.1 | Homo sapiens pero

.2 | Homo sapiens Rap guanine nucleotide exchange factor (GEF) 3 (RAPGEF3), transcript variant 3, mRN.

finger, CCHC domain containing 9 (ZCCHC9), transcript variant 2, mRNA;

biogenesis factor 19 (PEX19), transcript variant 4, mRNA; gi|302370948|ref|NR\_036493.1 | Homo sapi

7099957|ref|NM\_001131063.1 | Homo sapiens SAP30-like (SAP30L), transcript variant 3, mRNA;

n containing (RFESD), transcript variant 3, mRNA;

), transcript variant 3, mRNA; gi|197102794|ref|NR\_024080.1| Homo sapiens acid phosphatase 1, solu

4027.2| Homo sapiens inositol polyphosphate-4-phosphatase, type I, 107kDa (INPP4A), transcript varian

:ranscript variant 2, mRNA; gi|19718791|ref|NM\_133342.1| Homo sapiens RAD17 homolog (S. pombe)

coiled-coil and C2 domain containing 2A (CC2D2A), transcript variant 3, mRNA;

: variant 2, mRNA;

ed protein 4 (MAP4), transcript variant 4, mRNA;

ant 1a, mRNA; gi|197276614|ref|NM\_016828.2| Homo sapiens 8-oxoguanine DNA glycosylase (OGG1),

it 1, mRNA; gi|197276622|ref|NM\_001134367.1| Homo sapiens solute carrier family 6 (neurotransmitt

gi|197276637|ref|NM\_000872.4| Homo sapiens 5-hydroxytryptamine (serotonin) receptor 7, adenylat  
mo sapiens leucine rich repeat (in FLII) interacting protein 2 (LRRFIP2), transcript variant 1, mRNA;

finger, DHHC-type containing 4 (ZDHHC4), transcript variant 1, mRNA; gi|197304684|ref|NM\_018106.3

osome 7 open reading frame 50 (C7orf50), transcript variant 2, mRNA;

ens cytochrome b-561 domain containing 1 (CYB561D1), transcript variant 2, mRNA; gi|197304732|ref|

g 3B (RUNDC3B), transcript variant 3, mRNA;

ily, member 5 (TBC1D5), transcript variant 2, mRNA;

ens ADAM metalloproteinase domain 3A (ADAM3A), transcript variant 3, non-coding RNA;

NM\_001134407.1| Homo sapiens glutamate receptor, ionotropic, N-methyl D-aspartate 2A (GRIN2A), tr:  
646|ref|NR\_001588.2| Homo sapiens Shwachman-Bodian-Diamond syndrome pseudogene 1 (SBDSP1)

cell division cycle 7 homolog (S. cerevisiae) (CDC7), transcript variant 3, mRNA;  
cript variant 1, mRNA;

o sapiens microtubule associated tumor suppressor 1 (MTUS1), transcript variant 4, mRNA; gi|19731369  
t variant 3, mRNA;

\_001134438.1| Homo sapiens pleckstrin homology-like domain, family B, member 2 (PHLDB2), transcrip

transcript variant 1, mRNA; gi|197313743|ref|NM\_001134441.1| Homo sapiens zinc finger protein 502 (Z

rotein 130 (TMEM130), transcript variant 3, mRNA;

16), transcript variant 1, mRNA;

ecretion activator (CADPS), transcript variant 2, mRNA;



|NM\_001135565.1| Homo sapiens haloacid dehalogenase-like hydrolase domain containing 1 (HDHD1),  
NM\_001134649.1| Homo sapiens eukaryotic translation initiation factor 4E family member 3 (EIF4E3), t

, transcript variant ZNF274b, mRNA;

t variant 1, mRNA;

nRNA; gi|197927158|ref|NM\_003759.3| Homo sapiens solute carrier family 4, sodium bicarbonate cot

ipiens sterile alpha motif domain containing 13 (SAMD13), transcript variant 2, mRNA;  
.59|ref|NM\_152292.4| Homo sapiens RNA (guanine-9-) methyltransferase domain containing 2 (RG9M

mRNA;

NA;

n, transcript variant 2, mRNA;

nt 2, mRNA; gi|198041725|ref|NM\_022822.2| Homo sapiens kinesin light chain 2 (KLC2), transcript var  
obox 3 (PBX3), transcript variant 3, non-coding RNA; gi|198041761|ref|NR\_024123.1| Homo sapiens p

ning 17 (TRIM17), transcript variant 4, mRNA;

ed (TBL1Y), transcript variant 1, mRNA;

ration site 1 (AHL1), transcript variant 2, mRNA; gi|199559531|ref|NM\_001134832.1| Homo sapiens Ab

piens chromosome 14 open reading frame 80 (C14orf80), transcript variant 5, mRNA; gi|199560535|ref  
variant 1, mRNA;

transcript variant 1, mRNA;

gi|201860263|ref|NR\_024146.1| Homo sapiens ghrelin opposite strand/antisense RNA (non-protein c

lin/obestatin prepropeptide (GHRL), transcript variant 5, mRNA; gi|201860277|ref|NM\_016362.3| Hon

1), transcript variant 3, mRNA;

ERMT2), transcript variant 3, mRNA;

K15), transcript variant 2, mRNA;

ranscript variant 2, non-coding RNA;

O/CED-12 domain containing 3 (ELMOD3), transcript variant 2, mRNA; gi|203098442|ref|NM\_032213.4  
, mRNA; gi|203098752|ref|NM\_003477.2| Homo sapiens pyruvate dehydrogenase complex, componer

rotein convertase subtilisin/kexin type 6 (PCSK6), transcript variant 5, mRNA; gi|20336181|ref|NM\_138

42.2| Homo sapiens solute carrier family 26 (sulfate transporter), member 1 (SLC26A1), transcript varia

cyl-CoA binding domain containing 5 (ACBD5), transcript variant 1, mRNA;

associated protein 3 (MFAP3), transcript variant 3, mRNA;

ef|NM\_001042529.1| Homo sapiens CoA synthase (COASY), nuclear gene encoding mitochondrial prote  
gen-activated protein kinase 9 (MAPK9), transcript variant JNK2-b2, mRNA; gi|205277406|ref|NM\_1396

transcript variant 4, mRNA; gi|205277416|ref|NM\_001135047.1| Homo sapiens Jun dimerization prot

205277448|ref|NM\_001135053.1| Homo sapiens single immunoglobulin and toll-interleukin 1 receptor

; potassium channel, subfamily K, member 10 (KCNK10), transcript variant 2, mRNA;

urface associated (MUC15), transcript variant 1, mRNA;

sapiens potassium channel, subfamily K, member 16 (KCNK16), transcript variant 4, mRNA; gi|2053609

022154.5| Homo sapiens solute carrier family 39 (zinc transporter), member 8 (SLC39A8), transcript vari  
1\_001135153.1| Homo sapiens solute carrier family 39 (zinc transporter), member 14 (SLC39A14), trans  
inc and double PHD fingers family 1 (DPF1), transcript variant 3, mRNA;

ferase (COMT), transcript variant 4, mRNA; gi|205830449|ref|NM\_000754.3| Homo sapiens catechol-C

| Homo sapiens aldehyde dehydrogenase 3 family, member A1 (ALDH3A1), transcript variant 2, mRNA;  
.1| Homo sapiens C1q and tumor necrosis factor related protein 7 (C1QTNF7), transcript variant 2, mRNA  
gi|206597467|ref|NM\_001135176.1| Homo sapiens neural precursor cell expressed, developmentally c

G1), transcript variant 3, mRNA; gi|206597504|ref|NM\_001135187.1| Homo sapiens ArfGAP with FG re  
;11|ref|NM\_001040118.2| Homo sapiens ArfGAP with RhoGAP domain, ankyrin repeat and PH domain

mo sapiens neurotrophic tyrosine kinase, receptor, type 2 (NTRK2), transcript variant d, mRNA; gi|55951

76.3| Homo sapiens G protein-coupled receptor kinase interacting ArfGAP 2 (GIT2), transcript variant 3,

transcript variant 8, mRNA; gi|342837685|ref|NM\_001243243.1| Homo sapiens zinc finger protein 323 (Z

containing 23 (LRRC23), transcript variant 2, mRNA;  
, transcript variant 1, mRNA;

13kDa (FKBP2), transcript variant 3, mRNA;

ript variant 6, non-coding RNA; gi|260099722|ref|NM\_001165414.1| Homo sapiens lactate dehydroge

RNA; gi|344179105|ref|NM\_001243736.1| Homo sapiens late endosomal/lysosomal adaptor, MAPK an

associated protein 2 (MFAP2), transcript variant 4, mRNA; gi|207028880|ref|NM\_002403.3| Homo sap

inding protein 4 (RBBP4), transcript variant 1, mRNA;

sapiens dynein, cytoplasmic 1, intermediate chain 1 (DYNC1I1), transcript variant 1, mRNA;

ion factor 2 (HSF2), transcript variant 3, mRNA;

riant 2, mRNA;

7), transcript variant 1, mRNA;



il domain containing 88A (CCDC88A), transcript variant 1, mRNA;

y(A) binding protein interacting protein 1 (PAIP1), transcript variant 1, mRNA;

4183.1| Homo sapiens long intergenic non-protein coding RNA 521 (LINC00521), transcript variant 2, nc  
nscript variant 2, mRNA;

ns PR domain containing 2, with ZNF domain (PRDM2), transcript variant 3, mRNA; gi|208022692|ref|N  
09249|ref|NM\_022559.2| Homo sapiens growth hormone 1 (GH1), transcript variant 2, mRNA; gi|2080  
09256|ref|NM\_002059.3| Homo sapiens growth hormone 2 (GH2), transcript variant 1, mRNA;  
c somatomammotropin hormone 2 (CSH2), transcript variant 2, mRNA;

k 1 (HMGA1), transcript variant 4, mRNA; gi|208431752|ref|NM\_145905.2| Homo sapiens high mobilit

M\_001135637.1| Homo sapiens phosphatidylinositol-4-phosphate 5-kinase, type I, alpha (PIP5K1A), tra

.NA;

001135654.1| Homo sapiens poly(A) binding protein, cytoplasmic 4 (inducible form) (PABPC4), transcrip  
cyte antigen 6 complex, locus H (LY6H), transcript variant 2, mRNA;

sapiens RAB7, member RAS oncogene family-like 1 (RAB7L1), transcript variant 4, mRNA; gi|208609960

xide reductase A (MSRA), transcript variant 4, mRNA; gi|208609994|ref|NM\_001135671.1| Homo sapi

nRNA;

romosome 8 open reading frame 40 (C8orf40), transcript variant 4, mRNA; gi|208610014|ref|NM\_0011

tol polyphosphate-5-phosphatase K (INPP5K), transcript variant 3, mRNA;

sine kinase (LTK), transcript variant 2, mRNA;

family, pyrin domain containing 3 (NLRP3), transcript variant 3, mRNA; gi|208879433|ref|NM\_183395

eta polypeptide (YWHAZ), transcript variant 2, mRNA; gi|208973243|ref|NM\_001135702.1| Homo sap

(XAGE1D), transcript variant c, non-coding RNA;

:ranscript variant 1, mRNA; gi|209180447|ref|NM\_001135729.1| Homo sapiens target of myb1 (chicke

ase VIII-like 2 (E. coli) (NEIL2), transcript variant 4, mRNA; gi|209364525|ref|NM\_001135746.1| Homo

main family, member 3 (DERL3), transcript variant 3, mRNA;

g (Drosophila) (ECD), transcript variant 4, non-coding RNA; gi|209364546|ref|NM\_001135752.1| Homc

IA binding domain containing 4 (ACBD4), transcript variant 5, mRNA; gi|209364593|ref|NM\_001135706

4205.1| Homo sapiens long intergenic non-protein coding RNA 152 (LINC00152), transcript variant 2, nc

mRNA; gi|209413725|ref|NM\_006505.3| Homo sapiens poliovirus receptor (PVR), transcript variant 1,

omo sapiens family with sequence similarity 60, member A (FAM60A), transcript variant 2, mRNA;

NF185), transcript variant 1, mRNA; gi|209529689|ref|NR\_024212.1| Homo sapiens ring finger protein

1\_001243466.1| Homo sapiens StAR-related lipid transfer (START) domain containing 13 (STARD13), tra

METTL20), transcript variant 3, mRNA;

protein kinase 7 (MAPK7), transcript variant 2, mRNA; gi|209529733|ref|NM\_139033.2| Homo sapiens

thase (FDPS), transcript variant 5, mRNA; gi|209571581|ref|NM\_001135821.1| Homo sapiens farnesyl

.5| Homo sapiens kelch repeat and BTB (POZ) domain containing 4 (KBTBD4), transcript variant 2, mRNA

copeptide repeat domain 39C (TTC39C), transcript variant 3, mRNA;

transcript variant 3, mRNA; gi|209862788|ref|NM\_015241.2| Homo sapiens microtubule associated mo

| Homo sapiens FXYD domain containing ion transport regulator 3 (FXYD3), transcript variant 2, mRNA; g

activating death domain (MADD), transcript variant 9, mRNA; gi|209862982|ref|NM\_130473.2| Homo s

mRNA; gi|209863020|ref|NM\_016179.2| Homo sapiens transient receptor potential cation channel, su  
teoblast specific factor (POSTN), transcript variant 3, mRNA; gi|209862910|ref|NM\_001135934.1| Hon

activated protein kinase 8 (MAPK8), transcript variant JNK1-a2, mRNA; gi|20986520|ref|NM\_139047.1

phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase (GART), transcript vari

1| Homo sapiens caspase 5, apoptosis-related cysteine peptidase (CASP5), transcript variant f, mRNA; gi  
mannosyltransferase 1 (POMT1), transcript variant 2, mRNA; gi|116517318|ref|NM\_007171.3| Homo s

tract binding protein 1 (PTBP1), transcript variant 1, mRNA; gi|209870090|ref|NM\_175847.2| Homo s

f|NM\_001136017.2| Homo sapiens cyclin D3 (CCND3), transcript variant 1, mRNA;

script variant 3, mRNA; gi|209915582|ref|NM\_000991.4| Homo sapiens ribosomal protein L28 (RPL28)

ref|NR\_046395.1| Homo sapiens cytidine monophosphate (UMP-CMP) kinase 1, cytosolic (CMPK1), tr

coding RNA;

M\_001136154.1 | Homo sapiens v-ets erythroblastosis virus E26 oncogene homolog (avian) (ERG), trans

romosome 8 open reading frame 45 (C8orf45), transcript variant 1, mRNA;

o sapiens fizzy/cell division cycle 20 related 1 (Drosophila) (FZR1), transcript variant 1, mRNA;

tein, transcript variant 1, mRNA; gi|209969693|ref|NM\_024710.2| Homo sapiens isochorismatase don

M\_198991.2 | Homo sapiens potassium channel tetramerisation domain containing 1 (KCTD1), transcrip

script variant 2, mRNA; gi|209969756|ref|NM\_001136179.1| Homo sapiens early growth response 2 (E

2, mRNA;

), transcript variant 1, mRNA;

anscript variant 1, mRNA;

OTUD5), transcript variant 4, mRNA; gi|209977024|ref|NM\_017602.3| Homo sapiens OTU domain con

51 (TMEM51), transcript variant 4, mRNA; gi|209977053|ref|NM\_001136217.1| Homo sapiens transn

variant 2, mRNA; gi|209977078|ref|NM\_018254.3| Homo sapiens REST corepressor 3 (RCOR3), transcri

a I (MEN1), transcript variant e1F1, mRNA; gi|210031734|ref|NM\_130803.2| Homo sapiens multiple er

:is specific) (PRNT), transcript variant 2, non-coding RNA;



MS2), transcript variant 1, mRNA;

laride-induced TNF factor (LITAF), transcript variant 4, non-coding RNA; gi|210147506|ref|NM\_001136

is facilitator) (BCL2L14), transcript variant 4, mRNA;  
e 2 (BACE2), transcript variant a, mRNA;

is chromosome 1 open reading frame 198 (C1orf198), transcript variant 2, mRNA;

'AP2), transcript variant 5, mRNA; gi|211904134|ref|NM\_001136264.1| Homo sapiens DAZ associated  
1), member 2 (SERPINE2), transcript variant 1, mRNA; gi|211904151|ref|NM\_001136528.1| Homo sapi

gi|211938423|ref|NR\_024362.1| Homo sapiens family with sequence similarity 86, member A pseudo

mRNA; gi|211938441|ref|NM\_001136541.1| Homo sapiens apolipoprotein L, 1 (APOL1), transcript var

2, mRNA;

oid receptor 107 (GPR107), transcript variant 3, mRNA;

4384.1 | Homo sapiens long intergenic non-protein coding RNA 461 (LINC00461), transcript variant 1, nc

0.1 | Homo sapiens leucine rich repeat (in FLII) interacting protein 1 (LRRFIP1), transcript variant 1, mRNA

acterized LOC254312 (LOC254312), transcript variant 2, non-coding RNA;

NM\_001136574.1 | Homo sapiens LanC lantibiotic synthetase component C-like 1 (bacterial) (LANCL1), t

999021|ref|NR\_045622.1| Homo sapiens oligonucleotide/oligosaccharide-binding fold containing 2A (C

210147570|ref|NM\_001136479.1| Homo sapiens acidic (leucine-rich) nuclear phosphoprotein 32 famil

erleukin enhancer binding factor 3, 90kDa (ILF3), transcript variant 1, mRNA; gi|212549551|ref|NM\_15

acterized LOC283050 (LOC283050), transcript variant 3, non-coding RNA;

!0.4| Homo sapiens calcium/calmodulin-dependent protein kinase II beta (CAMK2B), transcript variant 1

129.1| Homo sapiens calcium/calmodulin-dependent protein kinase II delta (CAMK2D), transcript varian

ciated protein 2 (CASP8AP2), transcript variant 3, mRNA;

1X-linked (TBL1X), transcript variant 3, mRNA; gi|213021189|ref|NM\_001139468.1| Homo sapiens tra

cript variant 2, mRNA;

96|ref|NM\_015376.2| Homo sapiens RAS guanyl releasing protein 3 (calcium and DAG-regulated) (RAS

λ (RORA), transcript variant 1, mRNA; gi|213385297|ref|NM\_002943.3| Homo sapiens RAR-related orp

3), transcript variant 1, mRNA; gi|213417613|ref|NM\_001139501.1| Homo sapiens fibroblast growth f

ory subunit 18 (PPP1R18), transcript variant 2, mRNA;

iscript variant 2, mRNA; gi|213417904|ref|NM\_003690.4| Homo sapiens protein kinase, interferon-ind

.501.1 | Homo sapiens FMR1 antisense RNA 1 (non-protein coding) (FMR1-AS1), transcript variant 3, non  
-coil domain containing 66 (CCDC66), transcript variant 1, mRNA;  
sapiens twelve-thirteen translocation leukemia (TTL), transcript variant TTL-B2, non-coding RNA;



homolog 2 (Drosophila) (DACH2), transcript variant 1, mRNA;  
mRNA; gi|213972588|ref|NM\_130785.3| Homo sapiens transmembrane phosphoinositide 3-phosphatas

ariant 2, mRNA;

r protein p53 binding protein 1 (TP53BP1), transcript variant 3, mRNA;

omo sapiens dehydrogenase/reductase (SDR family) member 9 (DHRS9), transcript variant 3, mRNA; gi|2

cytoplasmic linker associated protein 1 (CLASP1), transcript variant 3, mRNA; gi|214010171|ref|NM\_0:  
iens amyloid beta (A4) precursor-like protein 2 (APLP2), transcript variant 4, mRNA; gi|214010187|ref|F

membrane domain (TM) and short cytoplasmic domain, (semaphorin) 4D (SEMA4D), transcript variant 2  
script variant d, mRNA; gi|214829180|ref|NM\_001026.4| Homo sapiens ribosomal protein S24 (RPS24)

mannose-binding 2-like (LMAN2L), transcript variant 2, mRNA; gi|214010245|ref|NR\_024521.1| Homo s

transcript variant 1, mRNA; gi|21464128|ref|NM\_144506.1| Homo sapiens kallikrein-related peptidase 8

spastic paraplegia 20 (Troyer syndrome) (SPG20), transcript variant 3, mRNA; gi|214830219|ref|NM\_C

mitochondrion 18 open reading frame 1 (C18orf1), transcript variant c2, mRNA; gi|214829075|ref|NM\_1814

protein 169 (TMEM169), transcript variant 3, mRNA; gi|214831798|ref|NM\_001142311.1| Homo sapien

brain only 2 (rhombotin-like 1) (LMO2), transcript variant 3, mRNA;  
transcript variant 3, mRNA;

peptide, olfactory type (GNAL), transcript variant 1, mRNA; gi|215272403|ref|NM\_002071.3| Homo sa

(CMKLR1), transcript variant 2, mRNA; gi|215272320|ref|NM\_001142345.1| Homo sapiens chemokine

nRNA;

01142348.1| Homo sapiens sodium channel, voltage-gated, type IV, beta subunit (SCN4B), transcript var

.42351.1| Homo sapiens ST6 beta-galactosamide alpha-2,6-sialyltransferase 2 (ST6GAL2), transcript varia

01142354.1| Homo sapiens protein phosphatase 3, catalytic subunit, beta isozyme (PPP3CB), transcript  
coding mitochondrial protein, transcript variant long, mRNA;

24.3| Homo sapiens NIF3 NGG1 interacting factor 3-like 1 (S. cerevisiae) (NIF3L1), transcript variant 2, m  
o sapiens ribosomal protein L23a pseudogene 7 (RPL23AP7), transcript variant 5, non-coding RNA; gi|21  
39|ref|NM\_001142324.1| Homo sapiens solute carrier family 18 (vesicular monoamine), member 1 (SLC

| Homo sapiens RNA binding protein, fox-1 homolog (C. elegans) 1 (RBFox1), transcript variant 3, mRNA

visiae) (ALG2), transcript variant 1, mRNA;

ae) (ALG3), transcript variant 2, non-coding RNA; gi|215276957|ref|NM\_005787.5| Homo sapiens aspa

erase homolog (S. cerevisiae) (ALG5), transcript variant 1, mRNA;

sferase mu 4 (GSTM4), transcript variant 2, mRNA;

;

|ref|NR\_024543.1| Homo sapiens small nucleolar RNA host gene 7 (non-protein coding) (SNHG7), trans  
Homo sapiens patatin-like phospholipase domain containing 4 (PNPLA4), transcript variant 3, mRNA;

ariant 1, mRNA; gi|215422367|ref|NM\_001142391.1| Homo sapiens solute carrier family 10 (sodium/t  
gi|215422373|ref|NM\_006403.3| Homo sapiens neural precursor cell expressed, developmentally dow

ns proline rich Gla (G-carboxyglutamic acid) 1 (PRRG1), transcript variant 1, mRNA; gi|291045207|ref|N  
22.2| Homo sapiens otoferlin (OTOF), transcript variant 3, mRNA;  
associated protein (DAXX), transcript variant 3, mRNA; gi|215422390|ref|NM\_001350.4| Homo sapien:

encoding mitochondrial protein, transcript variant 1, mRNA; gi|215422412|ref|NM\_001142398.1| Hor  
mucin (CD164), transcript variant 5, mRNA; gi|215422419|ref|NM\_006016.4| Homo sapiens CD164 mo

iant 3, mRNA; gi|215490007|ref|NM\_004757.3| Homo sapiens aminoacyl tRNA synthetase complex-in

4ORF4L2), transcript variant 4, mRNA; gi|215490046|ref|NM\_001142431.1| Homo sapiens mortality fa

etory protein 2 (CRISP2), transcript variant 1, mRNA; gi|215490017|ref|NM\_001142417.1| Homo sapie

. (Drosophila) (SPNS1), transcript variant 1, mRNA; gi|215490099|ref|NM\_001142450.1| Homo sapiens

rotein 67 (TMEM67), transcript variant 2, mRNA;

025083.3| Homo sapiens enhancer of mRNA decapping 3 homolog (S. cerevisiae) (EDC3), transcript vari

ns ankyrin repeat and SOCS box containing 10 (ASB10), transcript variant 1, mRNA;

iant 1, mRNA; gi|70780352|ref|NM\_020475.2| Homo sapiens ankyrin 1, erythrocytic (ANK1), transcript  
142327.1| Homo sapiens cyclin D binding myb-like transcription factor 1 (DMTF1), transcript variant 2, i

is chromosome 6 open reading frame 203 (C6orf203), transcript variant 1, mRNA;

12480.1| Homo sapiens neuronal regeneration related protein homolog (rat) (NREP), transcript variant 8

2 (FLYWCH2), transcript variant 1, mRNA;

homeostasis modulator 2 (CALHM2), transcript variant 3, non-coding RNA;

Homo sapiens Rho-related BTB domain containing 1 (RHOBTB1), transcript variant 4, mRNA; gi|21582066:

1| Homo sapiens family with sequence similarity 111, member A (FAM111A), transcript variant 3, mRNA/

S21), transcript variant 1, mRNA;

inhibitory molecule 3 (FAIM3), transcript variant 1, mRNA;

5 (ANKRD16), transcript variant 1, mRNA;

28.1| Homo sapiens basic helix-loop-helix domain containing, class B, 9 (BHLHB9), transcript variant 6, n  
SH2D3C), transcript variant 4, mRNA; gi|356640211|ref|NM\_005489.3| Homo sapiens SH2 domain con

ctin, galactoside-binding, soluble, 12 (LGALS12), transcript variant 4, mRNA; gi|216547831|ref|NM\_001

carrier family 35, member B3 (SLC35B3), transcript variant 1, mRNA;

9|ref|NM\_001002858.2| Homo sapiens annexin A2 (ANXA2), transcript variant 1, mRNA;

DEAD (Asp-Glu-Ala-Asp) box polypeptide 4 (DDX4), transcript variant 3, mRNA; gi|262118317|ref|NM\_001163112.1|transcript variant 2, mRNA;  
DEAD (Asp-Glu-Ala-Asp) box polypeptide 4 (DDX4), transcript variant 3, mRNA;

\_001142554.1 | Homo sapiens TRM1 tRNA methyltransferase 1 homolog (S. cerevisiae) (TRMT1), transcr

4811.3 | Homo sapiens cleavage and polyadenylation specific factor 7, 59kDa (CPSF7), transcript variant

NF780A), transcript variant 2, mRNA; gi|217035161|ref|NM\_001142579.1| Homo sapiens zinc finger p

5, mRNA; gi|21704260|ref|NM\_002382.3| Homo sapiens MYC associated factor X (MAX), transcript va

1| Homo sapiens hyaluronan-mediated motility receptor (RHAMM) (HMMR), transcript variant 1, mRNA; gi|17608922|ref|NM\_014223.4|transcription factor Y, gamma (NFYC), transcript variant 1, mRNA; gi|217272827|ref|NM\_014223.4|

isphosphate 1-kinase (ITPK1), transcript variant 2, mRNA;  
ns prolyl 4-hydroxylase, alpha polypeptide I (P4HA1), transcript variant 3, mRNA; gi|217272856|ref|NM  
it 1, mRNA;  
ns prolyl 4-hydroxylase, alpha polypeptide II (P4HA2), transcript variant 5, mRNA; gi|63252889|ref|NM

nt 1, mRNA; gi|217272882|ref|NM\_001142601.1| Homo sapiens sphingosine kinase 1 (SPHK1), transcr

99041.1| Homo sapiens stimulated by retinoic acid gene 6 homolog (mouse) (STRA6), transcript variant

cript variant 4, non-coding RNA; gi|217416258|ref|NM\_032484.4| Homo sapiens GH3 domain containi

sec61 alpha 2 subunit (*S. cerevisiae*) (SEC61A2), transcript variant 3, mRNA; gi|217330620|ref|NR\_0245

sapiens mitogen-activated protein kinase kinase kinase 7 (MAP3K7), transcript variant C, mRNA; gi|2173

3 (OSBPL3), transcript variant 1, mRNA; gi|21735583|ref|NM\_145322.1| Homo sapiens oxysterol bindi

olog A (*Xenopus laevis*) (SPDYA), transcript variant 2, mRNA;

Homo sapiens transmembrane protein, adipocyte associated 1 (TPRA1), transcript variant 1, mRNA;

ens ankyrin repeat and SOCS box containing 13 (ASB13), transcript variant 3, non-coding RNA;



omo sapiens alanyl-tRNA synthetase domain containing 1 (AARSD1), transcript variant 4, mRNA; gi|2174

olog D (*S. cerevisiae*) (RAD51D), transcript variant 1, mRNA; gi|319999824|ref|NR\_037712.1| Homo sa

ntaining 1 (CHID1), transcript variant 2, mRNA; gi|218083268|ref|NM\_001142677.1| Homo sapiens ch  
YM5), transcript variant 3, mRNA;

homolog 2 (*Drosophila*) (DLG2), transcript variant 5, mRNA; gi|218156339|ref|NM\_001142700.1| Hom  
1| Homo sapiens family with sequence similarity 111, member B (FAM111B), transcript variant 2, mRNA

i651852|ref|NM\_001204803.1| Homo sapiens anoctamin 6 (ANO6), transcript variant 5, mRNA;

ns chromosome 11 open reading frame 73 (C11orf73), transcript variant 4, non-coding RNA; gi|2185057

(PCDH15), transcript variant J, mRNA; gi|218505792|ref|NM\_001142772.1| Homo sapiens protocadhe

gi|218505811|ref|NM\_138929.3| Homo sapiens diablo, IAP-binding mitochondrial protein (DIABLO), nu  
is chromosome 15 open reading frame 23 (C15orf23), transcript variant 1, mRNA;  
ant 2, mRNA;

rnscription variant 2, mRNA; gi|218563704|ref|NM\_025193.3| Homo sapiens hydroxy-delta-5-steroid del

ant 3, mRNA; gi|218563755|ref|NM\_001142805.1| Homo sapiens solute carrier family 6 (neurotransm

binding domain 1 (EFCAB1), transcript variant 3, non-coding RNA;

ns histidine triad nucleotide binding protein 1 (HINT1), transcript variant 2, non-coding RNA;

ct variant 1, mRNA; gi|219283149|ref|NM\_006595.3| Homo sapiens apoptosis inhibitor 5 (API5), trans

n/glucocorticoid regulated kinase 1 (SGK1), transcript variant 1, mRNA; gi|219521877|ref|NM\_0011431

ns calcium binding and coiled-coil domain 1 (CALCOCO1), transcript variant 3, non-coding RNA;

iant 3, mRNA;

| Homo sapiens family with sequence similarity 13, member C (FAM13C), transcript variant 2, mRNA; gi|

3.3| Homo sapiens intraflagellar transport 81 homolog (Chlamydomonas) (IFT81), transcript variant 2, r

e rich repeat containing 27 (LRRC27), transcript variant 4, mRNA; gi|219555698|ref|NM\_030626.2| Homo  
karyotic translation initiation factor 5A (EIF5A), transcript variant B, mRNA; gi|219555706|ref|NM\_001  
Homo sapiens synaptonemal complex central element protein 1 (SYCE1), transcript variant 3, mRNA;  
, transcript variant 1, mRNA; gi|219555737|ref|NR\_026560.1| Homo sapiens zinc finger protein 438 (Zi

growth factor receptor-bound protein 10 (GRB10), transcript variant 4, mRNA; gi|219689100|ref|NM\_C

NM\_001162422.1| Homo sapiens v-ets erythroblastosis virus E26 oncogene homolog 1 (avian) (ETS1), ti

variant 1, mRNA;

ine protein 106C (TMEM106C), transcript variant 2, mRNA; gi|219802856|ref|NM\_001143843.1| Homc

|ref|NR\_026563.1| Homo sapiens mitochondrial carrier triple repeat 1 pseudogene (LOC494141), trans  
.1| Homo sapiens protein phosphatase 1, regulatory subunit 12A (PPP1R12A), transcript variant 3, mRN.

protein 11, 19 kDa (FKBP11), transcript variant 2, mRNA;

ipt variant 1, mRNA; gi|219842229|ref|NM\_001143783.1| Homo sapiens feline sarcoma oncogene (FES

RNA;

842279|ref|NR\_024872.1| Homo sapiens solute carrier family 25, member 51 (SLC25A51), transcript v:  
eurotrophic factor (BDNF), transcript variant 11, mRNA; gi|219842286|ref|NM\_170735.5| Homo sapien

tein 2 (MTMR2), transcript variant 1, mRNA; gi|343790883|ref|NM\_001243571.1| Homo sapiens myot  
ranscript variant 3, mRNA; gi|219842316|ref|NM\_001143679.1| Homo sapiens glutathione S-transfer  
: variant 1, mRNA;  
2, mRNA; gi|219842347|ref|NM\_001143837.1| Homo sapiens NADPH oxidase 4 (NOX4), transcript vari

| Homo sapiens family with sequence similarity 76, member A (FAM76A), transcript variant 5, mRNA; gi

4.1| Homo sapiens calcium channel, voltage-dependent, gamma subunit 6 (CACNG6), transcript variant

glutathione S-transferase 1 (MGST1), transcript variant 1d, mRNA; gi|22035635|ref|NM\_145791.1| Hc

oding RNA;

-like (CDYL), transcript variant 1, mRNA; gi|221307478|ref|NR\_026590.1| Homo sapiens chromodomain

ein-like 5 (OSBPL5), transcript variant 2, mRNA;

olated homolog 1 (Arabidopsis) (DET1), transcript variant 1, mRNA;

ns WD repeat containing, antisense to TP53 (WRAP53), transcript variant 2, mRNA; gi|221136861|ref|I  
A; gi|221136871|ref|NM\_001143993.1| Homo sapiens Ras association (RalGDS/AF-6) domain family (N

:ein 24 (RBM24), transcript variant 3, mRNA;

125 (TMEM25), transcript variant 3, mRNA; gi|221219038|ref|NM\_001144035.1| Homo sapiens transn

g mitochondrial protein, transcript variant 2, mRNA;

9046|ref|NM\_003260.4| Homo sapiens transducin-like enhancer of split 2 (E(sp1) homolog, Drosophila



ref|NM\_001242794.1| Homo sapiens synaptosomal-associated protein, 91kDa homolog (mouse) (SNAP)

ig 3A (RUNDC3A), transcript variant 2, mRNA;

gi|291084493|ref|NM\_001143983.2| Homo sapiens chordin-like 1 (CHRD1), transcript variant 4, mRN

);  
, transcript variant 1, mRNA; gi|221316583|ref|NM\_001143889.1| Homo sapiens BSD domain contain  
sapiens biphenyl hydrolase-like (serine hydrolase) (BPHL), transcript variant 1, mRNA; gi|221316590|re

ransferase (CROT), transcript variant 1, mRNA;

is coatomer protein complex, subunit beta 1 (COPB1), transcript variant 3, mRNA;

(UBAC2), transcript variant 2, mRNA;

VPFR2), transcript variant 3, mRNA;

script variant 2, mRNA; gi|221316668|ref|NM\_001143997.1| Homo sapiens oxoglutarate dehydrogena

ing monooxygenase 5 (FMO5), transcript variant 2, mRNA;

) (SEC14L1), transcript variant 1, mRNA; gi|221316679|ref|NM\_001143999.1| Homo sapiens SEC14-like

sapiens NADPH dependent diflavin oxidoreductase 1 (NDOR1), transcript variant 4, mRNA; gi|22131670

M\_148976.2| Homo sapiens proteasome (prosome, macropain) subunit, alpha type, 1 (PSMA1), transcr  
ript variant 2, mRNA;

-hand calcium binding domain 2 (EFCAB2), transcript variant 4, non-coding RNA; gi|221316720|ref|NM.

), transcript variant 1, mRNA;

20|ref|NM\_016522.2| Homo sapiens neurotrimin (NTM), transcript variant 1, mRNA;

ant 1, mRNA; gi|221316772|ref|NM\_001144777.1| Homo sapiens ELAV (embryonic lethal, abnormal vi

RNA;

s inositol(myo)-1(or 4)-monophosphatase 1 (IMPA1), transcript variant 3, mRNA;

HG6), transcript variant 3, mRNA; gi|222080067|ref|NM\_001144856.1| Homo sapiens pleckstrin homo

!), transcript variant 3, mRNA; gi|222080097|ref|NM\_017450.2| Homo sapiens BAI1-associated protein

080103|ref|NM\_144712.4| Homo sapiens solute carrier family 23 (nucleobase transporters), member :

K12), transcript variant 1, mRNA;

a (IL11RA), transcript variant 2, mRNA;

κB inhibitor interacting Ras-like 2 (NKIRAS2), transcript variant 5, mRNA; gi|222136629|ref|NM\_001144  
ptide repeat domain 26 (TTC26), transcript variant 2, mRNA;

olog 1 (Drosophila) (PRICKLE1), transcript variant 4, mRNA; gi|222136677|ref|NM\_153026.2| Homo sa  
l), transcript variant 1, mRNA; gi|222136687|ref|NM\_001144885.1| Homo sapiens Cbp/p300-interacti  
Homo sapiens ATG7 autophagy related 7 homolog (S. cerevisiae) (ATG7), transcript variant 1, mRNA;  
growth factor receptor 2 (FGFR2), transcript variant 8, mRNA; gi|222144243|ref|NM\_001144919.1| Hc

41.1| Homo sapiens vitelline membrane outer layer 1 homolog (chicken) (VMO1), transcript variant 4, n

334, member RAS oncogene family (RAB34), transcript variant 2, mRNA; gi|222144310|ref|NM\_031934  
ght chain 12B, regulatory (MYL12B), transcript variant 2, mRNA;

L1), transcript variant 4, mRNA; gi|222352174|ref|NM\_001144961.1| Homo sapiens nuclear factor of k

A;

mRNA;

ript variant 1, mRNA;

hilin, subfamily 3, member A1 (BTN3A1), transcript variant 4, mRNA; gi|222418657|ref|NM\_001145001

t 2, mRNA; gi|222418775|ref|NR\_026700.1| Homo sapiens glycerate kinase (GLYCKT), transcript varian

1 | Homo sapiens ER degradation enhancer, mannosidase alpha-like 2 (EDEM2), transcript variant 3, non

s SAP domain containing ribonucleoprotein (SARNP), transcript variant 2, non-coding RNA;

s chromosome 6 open reading frame 52 (C6orf52), transcript variant 3, non-coding RNA;

non-coding RNA; gi|223005898|ref|NM\_001145047.1| Homo sapiens GPN-loop GTPase 1 (GPN1), transc

transcript variant 2, mRNA; gi|223029443|ref|NM\_001145104.1| Homo sapiens SMAD family member

variant 3, mRNA; gi|223029468|ref|NM\_006159.2| Homo sapiens NEL-like 2 (chicken) (NELL2), transcrip

binding domain 5 (EFCAB5), transcript variant 3, non-coding RNA;

mRNA; gi|223029389|ref|NR\_026692.1| Homo sapiens CD209 molecule (CD209), transcript variant 2, l

omo sapiens C-type lectin domain family 4, member M (CLEC4M), transcript variant 7, mRNA; gi|223278

; gi|223468562|ref|NM\_005628.2| Homo sapiens solute carrier family 1 (neutral amino acid transport

t 2, mRNA; gi|223468593|ref|NM\_002210.3| Homo sapiens integrin, alpha V (vitronectin receptor, alph  
9.2| Homo sapiens leishmanolysin-like (metallopeptidase M8 family) (LMLN), transcript variant 1, mRNA



ens component of oligomeric golgi complex 6 (COG6), transcript variant 1, mRNA;

r corepressor (C1D), transcript variant 3, mRNA; gi|223468655|ref|NM\_173177.2| Homo sapiens C1D

ondrial protein, transcript variant 6, mRNA; gi|223468668|ref|NM\_152245.2| Homo sapiens carnitine

Homo sapiens nuclear receptor subfamily 2, group F, member 2 (NR2F2), transcript variant 3, mRNA; gi

ns Down syndrome critical region gene 8 (DSCR8), transcript variant 1, non-coding RNA; gi|223556005|  
arginine methyltransferase 3 (PRMT3), transcript variant 1, mRNA;

inscript variant 1, mRNA;

interleukin-1 receptor-associated kinase 4 (IRAK4), transcript variant 1, mRNA; gi|223671887|ref|NM\_(

carrier family 35, member C1 (SLC35C1), transcript variant 1, mRNA;

iens corticotropin releasing hormone receptor 1 (CRHR1), transcript variant 4, mRNA; gi|223717977|ref|  
transcript variant 1, mRNA;  
mRNA;

INAT1), transcript variant 2, mRNA;

omo sapiens phosphodiesterase 6B, cGMP-specific, rod, beta (PDE6B), transcript variant 3, mRNA;

[OPRM1), transcript variant MOR-1B3, mRNA; gi|223718715|ref|NM\_001145282.1| Homo sapiens opic

hate carrier), member 3 (SLC25A3), nuclear gene encoding mitochondrial protein, transcript variant 1, n

.2| Homo sapiens fibronectin type III and SPRY domain containing 1-like (FSD1L), transcript variant 1, m

member 8 (SLC17A8), transcript variant 2, mRNA;

DEC1), transcript variant 3, mRNA;

1145268.1| Homo sapiens family with sequence similarity 185, member A (FAM185A), transcript varian

rRNA; gi|223972617|ref|NM\_024918.3| Homo sapiens DSN1, MIND kinetochore complex component,

nscrip variant 3, mRNA; gi|223890211|ref|NM\_001145344.1| Homo sapiens zinc finger protein 566 (Z

ot variant 3, mRNA;

ctivator 4 (NCOA4), transcript variant 2, mRNA; gi|223890286|ref|NM\_001145263.1| Homo sapiens nu

1 (CBWD1), transcript variant 1, mRNA;

o sapiens SIN3 transcription regulator homolog A (yeast) (SIN3A), transcript variant 1, mRNA;

23941797|ref|NM\_001145293.1| Homo sapiens N-glycanase 1 (NGLY1), transcript variant 2, mRNA;

zyme E2C (UBE2C), transcript variant 5, mRNA; gi|32967284|ref|NM\_181800.1| Homo sapiens ubiquiti

it 3, mRNA; gi|296531348|ref|NM\_001184896.1| Homo sapiens PHD finger protein 8 (PHF8), transcrip

02829.3| Homo sapiens protein tyrosine phosphatase, non-receptor type 3 (PTPN3), transcript variant 1

osis associated 2 (NECAP2), transcript variant 3, mRNA;

tein, transcript variant 2, mRNA; gi|223972628|ref|NR\_026937.1| Homo sapiens 3-oxoacyl-ACP synthetase 5265.3| Homo sapiens tRNA splicing endonuclease 2 homolog (S. cerevisiae) (TSEN2), transcript variant ref|NR\_026939.1| Homo sapiens cancer susceptibility candidate 2 (non-protein coding) (CASC2), transcript

Homo sapiens non-POU domain containing, octamer-binding (NONO), transcript variant 4, mRNA; gi|2240282

in 205 (TMEM205), transcript variant 2, mRNA;

DB1), transcript variant 1, mRNA;

characterized LOC339524 (LOC339524), transcript variant 2, non-coding RNA; gi|224177487|ref|NR\_02698

1\_002340.5| Homo sapiens lanosterol synthase (2,3-oxidosqualene-lanosterol cyclase) (LSS), transcript v

lucuronidase, beta pseudogene 1 (GUSBP1), transcript variant 2, non-coding RNA;

transcript variant 5, mRNA; gi|224282155|ref|NM\_003454.3| Homo sapiens zinc finger protein 200 (ZNF2

1 (GFRA1), transcript variant 3, mRNA;

gi|224451021|ref|NM\_139212.3| Homo sapiens HOP homeobox (HOPX), transcript variant 3, mRNA; gi  
Homo sapiens Yip1 interacting factor homolog B (S. cerevisiae) (YIF1B), transcript variant 4, mRNA; gi|2:

chondrial protein, transcript variant 1, mRNA;

iens alkB, alkylation repair homolog 2 (E. coli) (ALKBH2), transcript variant 1, mRNA; gi|326937483|ref|

-associated factor 4 (SCAF4), transcript variant 2, mRNA;



7067.1 | Homo sapiens long intergenic non-protein coding RNA 114 (LINC00114), transcript variant 3, nc

RNA; gi|224465180|ref|NM\_005595.4 | Homo sapiens nuclear factor I/A (NFIA), transcript variant 2, ml  
186 |ref|NM\_014766.4 | Homo sapiens secernin 1 (SCRN1), transcript variant 2, mRNA;

acterized LOC283761 (LOC283761), transcript variant 1, non-coding RNA; gi|224465207|ref|NR\_02707

riant 1, mRNA;

acterized LOC284798 (LOC284798), transcript variant 3, non-coding RNA;

7098.1 | Homo sapiens long intergenic non-protein coding RNA 486 (LINC00486), transcript variant 1, nc

motif protein 18 (RBM18), transcript variant 1, mRNA;

l | Homo sapiens zinc finger and SCAN domain containing 18 (ZSCAN18), transcript variant 1, mRNA; gi|2

l94018|ref|NM\_003842.4| Homo sapiens tumor necrosis factor receptor superfamily, member 10b (TN

g modulator 1 (GPSM1), transcript variant 2, mRNA; gi|318037346|ref|NM\_001200003.1| Homo sapie

ipt variant 4, non-coding RNA; gi|224549029|ref|NM\_001145649.1| Homo sapiens zinc finger protein !

5, non-coding RNA; gi|224586818|ref|NR\_027264.1| Homo sapiens golgi glycoprotein 1 (GLG1), transcr

in and SH3 domain containing 2 (SORBS2), transcript variant 5, mRNA; gi|194733748|ref|NM\_003603.5  
ral cytotoxicity triggering receptor 3 (NCR3), transcript variant 1, mRNA;

IM\_001145648.1| Homo sapiens Ras protein-specific guanine nucleotide-releasing factor 1 (RASGRF1), t

Homo sapiens patatin-like phospholipase domain containing 1 (PNPLA1), transcript variant 1, mRNA;

transcript variant 2, mRNA;

1628.4| Homo sapiens xeroderma pigmentosum, complementation group C (XPC), transcript variant 1, r  
transcript variant 3, mRNA; gi|224809330|ref|NM\_001145777.1| Homo sapiens FK506 binding protein 5  
l receptor 56 (GPR56), transcript variant 5, mRNA; gi|224809315|ref|NM\_001145771.1| Homo sapiens

mo sapiens MEF2BNB-MEF2B readthrough (MEF2BNB-MEF2B), transcript variant 1, mRNA;

homolog 3 (Drosophila) (HOMER3), transcript variant 3, mRNA; gi|224809413|ref|NM\_001145722.1| t

transcript variant 6, mRNA; gi|224809467|ref|NM\_015577.2| Homo sapiens retinoic acid induced 14 (l  
ariant 2, mRNA;

activating protein (RAP1GAP), transcript variant 3, mRNA;

);, member 2 (LILRB2), transcript variant 2, mRNA;

ranscript variant 3, mRNA; gi|224831246|ref|NM\_130833.2| Homo sapiens optic atrophy 1 (autosomal

00726.3| Homo sapiens calcium channel, voltage-dependent, beta 4 subunit (CACNB4), transcript varian

transcript variant 3, mRNA; gi|224926829|ref|NM\_001145797.1| Homo sapiens SH2B adaptor protein 1 (SH2BAP1), transcript variant 2, non-coding RNA; gi|224967047|ref|NM\_033326.3| Homo sapiens SOX6, transcript variant 1, mRNA;

transcript variant 1, mRNA; gi|224994163|ref|NM\_001145839.1| Homo sapiens mitochondrial fission regulator 1 (FKBP9L), transcript variant 4, non-coding RNA; gi|224994165|ref|NR\_027339.1| Homo sapiens roundabout, axon guidance receptor, homolog 1 (Drosophila) (ROBO1), transcript variant 7, mRNA; gi|224994192|ref|NM\_001145849.1| Homo sapiens prominin 1 (PROM1), transcript variant 7, mRNA;

gi|225007535|ref|NM\_001145873.1| Homo sapiens CD8a molecule (CD8A), transcript variant 3, mRNA; gi|225007536|ref|NM\_001145874.1| Homo sapiens lymphocyte-specific protein 1 pseudogene (LOC645166), transcript variant 1, non-coding RNA;

gi|225007651|ref|NM\_001145861.1| Homo sapiens processing of precursor 1, ribonuclease P/MRP subunit 1 (RPP1), transcript variant 1, mRNA; gi|225007652|ref|NM\_001145862.1| Homo sapiens processing of precursor 1, ribonuclease P/MRP subunit 2 (RPP2), transcript variant 1, mRNA;

gi|22538477|ref|NM\_148172.1| Homo sapiens phosphatidylethanolamine transferase, mitochondrial protein, transcript variant 2, mRNA;

nuclear gene encoding mitochondrial protein, transcript variant 3, mRNA; gi|222144299|ref|NM\_1391

transcript variant 1, mRNA;

ript variant 3, mRNA; gi|22547135|ref|NM\_015956.2| Homo sapiens mitochondrial ribosomal protein l

ial protein, transcript variant 2, mRNA;

riant 2, mRNA; gi|225543096|ref|NM\_001145939.1| Homo sapiens platelet-activating factor acetylhydrolase

43112|ref|NM\_017435.4| Homo sapiens solute carrier organic anion transporter family, member 1C1 (SLC11A8) (yeast) (TIMM8A), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;

activating enzyme subunit 1 (SAE1), transcript variant 2, mRNA; gi|225543287|ref|NM\_001145714.1| Homo sapiens

RNA;

cript variant 1, mRNA;

018102.1 | Homo sapiens polymerase (RNA) II (DNA directed) polypeptide M (POLR2M), transcript variat

2, mRNA; gi|225579062|ref|NM\_001145962.1 | Homo sapiens solute carrier family 12 (potassium/chloride)  
ial protein, transcript variant 1, mRNA; gi|225579080|ref|NR\_027382.1 | Homo sapiens retinol dehydrogenase  
tein, transcript variant 1, mRNA;

151|ref|NM\_001146006.1 | Homo sapiens insulin-like growth factor binding protein, acid labile subunit  
it 3, mRNA;

476|ref|NM\_001146008.1 | Homo sapiens solute carrier organic anion transporter family, member 5A1

ariant 2, mRNA; gi|219842238|ref|NM\_003612.3 | Homo sapiens semaphorin 7A, GPI membrane anchored

2), transcript variant 4, non-coding RNA; gi|225637550|ref|NM\_003984.3 | Homo sapiens solute carrier  
mo sapiens NIMA (never in mitosis gene a)- related kinase 11 (NEK11), transcript variant 3, mRNA;

o sapiens tight junction associated protein 1 (peripheral) (TJAP1), transcript variant 4, mRNA; gi|2256904  
RAB), transcript variant 1, mRNA;



f|NM\_007308.2| Homo sapiens synuclein, alpha (non A4 component of amyloid precursor) (SNCA), tran  
f|NM\_001146056.1| Homo sapiens membrane bound O-acyltransferase domain containing 7 (MBOAT7

DRD3), transcript variant 1, mRNA;

lent) 2, methenyltetrahydrofolate cyclohydrolase (MTHFD2), nuclear gene encoding mitochondrial prote

137|ref|NM\_001146077.1| Homo sapiens claudin 14 (CLDN14), transcript variant 3, mRNA; gi|2153625

polymerase II associated protein 3 (RPAP3), transcript variant 2, mRNA;

25735614|ref|NM\_001146110.1| Homo sapiens mesoderm induction early response 1 homolog (Xenopus)  
46114.1| Homo sapiens DIP2 disco-interacting protein 2 homolog A (Drosophila) (DIP2A), transcript vari

ressin receptor 2 (AVPR2), transcript variant 2, mRNA;

ase domain containing 1 (TATDN1), transcript variant 2, mRNA;

t variant 1, mRNA; gi|226053147|ref|NM\_001146185.1| Homo sapiens paternally expressed 3 (PEG3),

, transcript variant 2, mRNA;

IR1), transcript variant 2, mRNA;

acterized LOC219347 (LOC219347), transcript variant 3, non-coding RNA; gi|226060981|ref|NR\_02742

ie domain containing 3 (TATDN3), transcript variant 1, mRNA; gi|226061594|ref|NM\_001146169.1| Ho

FANCI-associated nuclease 1 (FAN1), transcript variant 4, mRNA; gi|226246524|ref|NM\_001146094.1| I

releasing protein 4 (RASGRP4), transcript variant g, mRNA; gi|226246576|ref|NM\_001146203.1| Homo s

IR2), transcript variant 3, mRNA;

nily, member 15 (TBC1D15), transcript variant 4, non-coding RNA; gi|226342866|ref|NM\_001146213.1

NA;

: finger, DHHC-type containing 15 (ZDHHC15), transcript variant 3, mRNA;

ceptor 85 (GPR85), transcript variant 1, mRNA; gi|226342979|ref|NM\_001146267.1| Homo sapiens G p

l, transcript variant 3, mRNA;  
g globulin (SHBG), transcript variant 3, mRNA; gi|226371774|ref|NM\_001146279.1| Homo sapiens sex  
\_001146284.1| Homo sapiens transcription factor 7-like 2 (T-cell specific, HMG-box) (TCF7L2), transcript

, transcript variant 1, mRNA;

cycle associated 7-like (CDCA7L), transcript variant 1, mRNA;

L| Homo sapiens poly (ADP-ribose) polymerase family, member 9 (PARP9), transcript variant 5, mRNA; g  
NM\_030819.3| Homo sapiens glucose-fructose oxidoreductase domain containing 2 (GFOD2), transcript  
40|ref|NM\_001146259.1| Homo sapiens phosphatidylinositol-5-phosphate 4-kinase, type II, gamma (PI

ot variant 3, mRNA;

:holesterol ester hydrolase 1 (NCEH1), transcript variant 2, mRNA; gi|226423949|ref|NM\_001146277.1  
gene encoding mitochondrial protein, transcript variant 3, mRNA; gi|226437569|ref|NR\_027464.1| Ho

ctor 2 (SUMF2), transcript variant 5, mRNA; gi|110227849|ref|NM\_015411.2| Homo sapiens sulfatase

ly-specific demethylase 2A (KDM2A), transcript variant 1, mRNA;

o sapiens alanine-glyoxylate aminotransferase 2-like 1 (AGXT2L1), transcript variant 4, non-coding RNA;

-specific demethylase 4C (KDM4C), transcript variant 2, mRNA; gi|226442885|ref|NM\_015061.3| Homo

pecific demethylase 5D (KDM5D), transcript variant 1, mRNA;

ing 3 (GRAMD3), transcript variant 1, mRNA; gi|226443021|ref|NM\_001146321.1| Homo sapiens GRAI

drolase domain containing 14B (ABHD14B), transcript variant 1, mRNA;

:ein 19 (RBM19), transcript variant 2, mRNA;

1 (PQLC1), transcript variant 1, mRNA;

HRAS-like suppressor family, member 5 (HRASLS5), transcript variant 2, mRNA;

ranscript variant 3, mRNA; gi|226528211|ref|NM\_032547.2| Homo sapiens short coiled-coil protein (SC

ref|NM\_139243.3| Homo sapiens adenosine deaminase domain containing 1 (testis-specific) (ADAD1),

ase 1 (TPI1), transcript variant 2, mRNA;

cript variant 1, mRNA;

26693353|ref|NM\_003706.2| Homo sapiens phospholipase A2, group IVC (cytosolic, calcium-independ

ns regenerating islet-derived family, member 4 (REG4), transcript variant 1, mRNA;

mRNA; gi|338827697|ref|NM\_001242840.1| Homo sapiens guanylate kinase 1 (GUK1), transcript varia

1, mRNA;

RNA;

ranscript variant 4, mRNA; gi|227116304|ref|NM\_006605.3| Homo sapiens ret finger protein-like 2 (RF

9576.1| Homo sapiens sodium channel, non-voltage-gated 1 alpha subunit (SCNN1A), transcript variant

NA;

integration factor 2 (BANF2), transcript variant 2, mRNA;

ment (CRCP), transcript variant 2, mRNA; gi|100913024|ref|NM\_014478.4| Homo sapiens CGRP recepto

multiple C2 domains, transmembrane 2 (MCTP2), transcript variant 1, mRNA;

sapiens uncharacterized LOC100286844 (LOC100286844), transcript variant 2, non-coding RNA;

3.1| Homo sapiens beta-1,4-N-acetyl-galactosaminyl transferase 2 (B4GALNT2), transcript variant 3, mRNA;

, member RAS oncogene family (RAB28), transcript variant 3, mRNA;

8990|ref|NM\_001253771.1| Homo sapiens synaptotagmin binding, cytoplasmic RNA interacting protei

VI domains 1 (FHL1), transcript variant 5, mRNA; gi|268607695|ref|NM\_001159702.2| Homo sapiens fc

sapiens F-box and WD repeat domain containing 12 (FBXW12), transcript variant 2, mRNA;

i, mRNA; gi|229577038|ref|NM\_001159708.1| Homo sapiens butyrophilin-like 8 (BTNL8), transcript vai

ADAM metalloproteinase domain 9 (ADAM9), transcript variant 1, mRNA; gi|241982816|ref|NR\_027878.1

variant 1, non-coding RNA;

transcript variant 2, mRNA;

ie zipper and W2 domains 2 (BZW2), transcript variant 3, non-coding RNA;

nucleotidase 1 (CANT1), transcript variant 3, mRNA;

strand (ATP1A1OS), transcript variant 4, non-coding RNA; gi|229892217|ref|NR\_027645.1| Homo sapi  
ir permeability factor receptor) (FLT1), transcript variant 3, mRNA; gi|229892219|ref|NM\_001159920.1

l-acetylgalactosaminide alpha-2,6-sialyltransferase 3 (ST6GALNAC3), transcript variant 2, mRNA;

(SGOL2), transcript variant 3, mRNA;

AS2L1), transcript variant 2, mRNA;



oxide synthase 3 (endothelial cell) (NOS3), transcript variant 2, mRNA; gi|231571328|ref|NM\_0011601

cell activation RhoGTPase activating protein (TAGAP), transcript variant 2, mRNA;  
protein (WTAP), transcript variant 2, mRNA;

48902.1| Homo sapiens tumor necrosis factor receptor superfamily, member 18 (TNFRSF18), transcript

1.2| Homo sapiens protein phosphatase, EF-hand calcium binding domain 1 (PPEF1), transcript variant 1,  
exons 5-10) and FAM7A (family with sequence similarity 7A, exons A-E) fusion (CHRFAM7A), transcript

f|NM\_152916.1| Homo sapiens egf-like module containing, mucin-like, hormone receptor-like 2 (EMR2)

ct variant C, mRNA; gi|236460447|ref|NM\_001300.5| Homo sapiens Kruppel-like factor 6 (KLF6), transcr  
461941|ref|NM\_001160132.1| Homo sapiens potassium voltage-gated channel, KQT-like subfamily, mem

t ndf43, mRNA; gi|236464527|ref|NM\_001160008.1| Homo sapiens neuregulin 1 (NRG1), transcript va  
AD6), transcript variant 1, mRNA;

ipt variant 3, non-coding RNA; gi|237512953|ref|NR\_027661.1| Homo sapiens zinc finger protein 138 (Z  
ne A (MGAT4A), transcript variant 1, mRNA;  
B (MGAT4B), transcript variant 2, mRNA;  
t variant 2, mRNA;

io-related BTB domain containing 2 (RHOBTB2), transcript variant 3, mRNA;  
179.1| Homo sapiens N-acetyltransferase 1 (arylamine N-acetyltransferase) (NAT1), transcript variant 9.

in) (CNR1), transcript variant 5, mRNA; gi|237681172|ref|NM\_001160258.1| Homo sapiens cannabinoid  
adenosine deaminase, RNA-specific, B1 (ADARB1), transcript variant 4, non-coding RNA; gi|237681085|  
4.1| Homo sapiens ATPase, Na<sup>+</sup>/K<sup>+</sup> transporting, alpha 1 polypeptide (ATP1A1), transcript variant 4, mR  
l), transcript variant 3, mRNA; gi|237681126|ref|NR\_027676.1| Homo sapiens breast cancer 1, early or

ant 1, mRNA;

757325|ref|NM\_001160306.1| Homo sapiens synaptojanin 1 (SYNJ1), transcript variant 4, mRNA;

(DDHD1), transcript variant 3, mRNA;

RNA; gi|237757355|ref|NM\_001160169.1| Homo sapiens proline rich 5 like (PRR5L), transcript variant 6, non-coding RNA; gi|237757360|ref|NM\_001160277.1| Homo sapiens ceramide kinase-like (CERKL),

10), transcript variant f, non-coding RNA; gi|237858583|ref|NR\_027702.1| Homo sapiens cyclin-depend

'0), transcript variant 2, mRNA; gi|237858649|ref|NM\_001160223.1| Homo sapiens ring finger protein

is chromosome 15 open reading frame 40 (C15orf40), transcript variant 4, mRNA; gi|237858663|ref|NM  
, transcript variant 14, non-coding RNA; gi|237858711|ref|NR\_027680.1| Homo sapiens RPA interactir  
yte antigen 6 complex, locus K (LY6K), transcript variant 1, mRNA;

91490676|ref|NM\_004020.3| Homo sapiens dystrophin (DMD), transcript variant Dp140c, mRNA; gi|15  
Homo sapiens IDI2 antisense RNA 1 (non-protein coding) (IDI2-AS1), transcript variant 1, non-coding RN

e 1 (TRPT1), transcript variant 1, mRNA; gi|238550160|ref|NM\_031472.3| Homo sapiens tRNA phosph

;

cript variant 1, mRNA; gi|238550207|ref|NM\_001160417.1| Homo sapiens Z-DNA binding protein 1 (ZE

1 (KCNMA1), transcript variant 4, mRNA; gi|238624127|ref|NM\_002247.3| Homo sapiens potassii  
144|ref|NM\_012428.3| Homo sapiens neuroplastin (NPTN), transcript variant b, mRNA;

is chromosome 6 open reading frame 136 (C6orf136), transcript variant 1, mRNA;

mo sapiens LIM and senescent cell antigen-like domains 2 (LIMS2), transcript variant 5, mRNA; gi|37485

ceptor 17 (GPR17), transcript variant 4, mRNA; gi|238814304|ref|NM\_001161416.1| Homo sapiens G p  
ariant 1, mRNA;

riant 3, mRNA; gi|238859538|ref|NM\_003748.3| Homo sapiens aldehyde dehydrogenase 4 family, mei

f protein 34 (RBM34), transcript variant 2, mRNA;

pecific) member 4 (PLEKHA4), transcript variant 1, mRNA;

), transcript variant 7, mRNA; gi|238908512|ref|NM\_172247.2| Homo sapiens colony stimulating facto

. (Drosophila) (SSH1), transcript variant 2, mRNA;

; gi|239048387|ref|NM\_001161573.1| Homo sapiens v-maf musculoaponeurotic fibrosarcoma oncoge  
t variant 2, mRNA; gi|239048904|ref|NM\_001161346.1| Homo sapiens checkpoint with forkhead and r

ling mitochondrial protein, transcript variant 1, mRNA; gi|62420881|ref|NM\_001014811.1| Homo sapi  
it 4, mRNA; gi|239049439|ref|NM\_001161357.1| Homo sapiens FCH domain only 1 (FCHO1), transcrip  
muscle) (GYS1), transcript variant 2, mRNA;

sapiens hypothetical protein LOC100289196 (LOC100289196), mRNA;

l, transcript variant 1, non-coding RNA;

A; gi|239735533|ref|NM\_001130162.2| Homo sapiens storkhead box 1 (STOX1), transcript variant 5, n

interacting kinase (TNIK), transcript variant 7, mRNA; gi|239735587|ref|NM\_001161564.1| Homo sapi

sapiens zinc finger protein 717-like, transcript variant 2 (LOC100287163), mRNA;

transcript variant 2, mRNA; gi|239787085|ref|NM\_001161501.1| Homo sapiens zinc finger protein 611 (Z

transcript variant 4, mRNA; gi|239787097|ref|NM\_001161425.1| Homo sapiens zinc finger protein 610 (Z

| Homo sapiens frataxin (FXN), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA  
(SH2D2A), transcript variant 5, mRNA; gi|239787757|ref|NM\_001161442.1| Homo sapiens SH2 domain  
161580.1| Homo sapiens POC1 centriolar protein homolog A (Chlamydomonas) (POC1A), transcript vari

:f|NR\_027777.1| Homo sapiens postmeiotic segregation increased 2 pseudogene 5 (PMS2P5), transcrip

ven (Drosophila) (KLHL2), transcript variant 1, mRNA;

⟨HM1), transcript variant 1, mRNA; gi|239787874|ref|NR\_027774.1| Homo sapiens pleckstrin homolog

01161729.1| Homo sapiens phospholipase A2, group IIA (platelets, synovial fluid) (PLA2G2A), transcript

sapiens chromosome 3 open reading frame 17 (C3orf17), transcript variant 1, mRNA;

ar gene encoding mitochondrial protein, transcript variant 4, mRNA; gi|239985421|ref|NM\_001161775|  
activator (DAOA), transcript variant 2, mRNA;

ranscript variant 5, mRNA; gi|240255534|ref|NM\_057166.4| Homo sapiens collagen, type VI, alpha 3 (C  
i-cell receptor-associated protein 29 (BCAP29), transcript variant 1, mRNA;

nsript variant beta/a, mRNA; gi|240849162|ref|NM\_145640.2| Homo sapiens apolipoprotein L, 3 (APL

02719.3| Homo sapiens protein phosphatase 2, regulatory subunit B', gamma (PPP2R5C), transcript var  
rty-two-three domain containing 1 (FYTTD1), transcript variant 1, mRNA;  
ionent of oligomeric golgi complex 5 (COG5), transcript variant 1, mRNA;

oding RNA; gi|241666391|ref|NM\_001162407.1| Homo sapiens CDC-like kinase 1 (CLK1), transcript var

1, mRNA;

cytochrome b, ascorbate dependent 3 (CYBASC3), transcript variant 2, mRNA;

2.1 | Homo sapiens family with sequence similarity 20, member A (FAM20A), transcript variant 3, mRNA;

transcription factor-like 13A (ARL13A), transcript variant 2, mRNA;

lipid receptor 6 (LPAR6), transcript variant 3, mRNA;

repeat containing 6B (TNRC6B), transcript variant 3, mRNA;

TMEM189 (TMEM189), transcript variant 3, non-coding RNA;

transcript variant 2, mRNA;

2 | Homo sapiens family with sequence similarity 135, member A (FAM135A), transcript variant 1, mRNA;

chronic myeloid leukemia up-regulated 1 (CLLU1), transcript variant 2, non-coding RNA;

transcript variant 5, non-coding RNA; gi|242247056|ref|NM\_001162861.1| Homo sapiens COX11 cytochrome c oxidase subunit 9 (BRD9), transcript variant 1, mRNA;

Homo sapiens ELKS/RAB6-interacting/CAST family member 1 (ERC1), transcript variant alpha, non-coding RNA;

WWC1 (WWC1), transcript variant 2, mRNA;

242332495|ref|NM\_014656.2| Homo sapiens KIAA0040 (KIAA0040), transcript variant 2, mRNA;



962.1 | Homo sapiens tRNA-yW synthesizing protein 3 homolog (S. cerevisiae) (TYW3), transcript variant

5D (SEMA6D), transcript variant 7, mRNA; gi|24234734|ref|NM\_153616.1| Homo sapiens sema domair

5A), transcript variant 1, mRNA;

2), transcript variant 3, mRNA;

mRNA; gi|244790007|ref|NM\_206928.2| Homo sapiens synaptotagmin-like 2 (SYTL2), transcript variant

4497456|ref|NM\_139136.2| Homo sapiens potassium voltage-gated channel, Shaw-related subfamily,

7465|ref|NM\_000220.2| Homo sapiens potassium inwardly-rectifying channel, subfamily J, member 1 (

KA;

, transcript variant 1, mRNA; gi|24497563|ref|NM\_153281.1| Homo sapiens hyaluronoglucosaminidase

rate 1 (PLK1S1), transcript variant 2, mRNA;

| Homo sapiens calcium binding tyrosine-(Y)-phosphorylation regulated (CABYR), transcript variant 3, m

ript variant 1, mRNA; gi|25306282|ref|NM\_170681.1| Homo sapiens G elongation factor, mitochondria

n-coding RNA; gi|253314456|ref|NR\_027998.1| Homo sapiens RAD52 motif 1 (RDM1), transcript variar



enger receptor class F, member 1 (SCARF1), transcript variant 5, mRNA; gi|33598930|ref|NM\_145350.1

ember RAS oncogene family (RAB2B), transcript variant 3, non-coding RNA;

2042.5| Homo sapiens family with sequence similarity 172, member A (FAM172A), transcript variant 1,

ns DDB1 and CUL4 associated factor 11 (DCAF11), transcript variant 2, mRNA; gi|254553328|ref|NM\_0  
JA;

ociated factor 4 (DCAF4), transcript variant 3, mRNA; gi|254553449|ref|NM\_001163508.1| Homo sapie  
UL4 associated factor 8 (DCAF8), transcript variant 4, non-coding RNA; gi|254553488|ref|NR\_028104.1  
ining kinase (TBCK), transcript variant 1, mRNA; gi|254553504|ref|NM\_033115.3| Homo sapiens TBC1  
54587901|ref|NM\_001163524.1| Homo sapiens inositol 1,4,5-trisphosphate receptor interacting protei

nRNA; gi|254587983|ref|NM\_080550.3| Homo sapiens synergin, gamma (SYNRG), transcript variant 2,

mponent of 2-oxo-glutarate complex) (DLST), nuclear gene encoding mitochondrial protein, transcript v

gi|254692876|ref|NR\_028130.1| Homo sapiens cofilin 2 (muscle) (CFL2), transcript variant 3, non-co

MB3), transcript variant 4, mRNA; gi|254750633|ref|NR\_028135.1| Homo sapiens potassium large con

!), transcript variant 3, mRNA;

CK8), transcript variant 2, mRNA;

component 7 (EXOC7), transcript variant 2, mRNA; gi|254750687|ref|NM\_001145299.2| Homo sapien

4.1| Homo sapiens transforming, acidic coiled-coil containing protein 1 (TACC1), transcript variant 2, ml

transcript variant 2, mRNA; gi|254826755|ref|NM\_007064.3| Homo sapiens kalirin, RhoGEF kinase (KAL

is chromosome 21 open reading frame 62 (C21orf62), transcript variant 2, mRNA;

l83006.2| Homo sapiens discs, large (Drosophila) homolog-associated protein 4 (DLGAP4), transcript vai

romosome 10 open reading frame 2 (C10orf2), transcript variant 2, mRNA; gi|255304959|ref|NM\_0011

039029.2| Homo sapiens leucine-rich repeats and transmembrane domains 2 (LRTM2), transcript varian

, member RAS oncogene family (RAB37), transcript variant 5, mRNA; gi|255683301|ref|NM\_001006638

complex locus (MECOM), transcript variant 3, mRNA; gi|255683385|ref|NM\_004991.3| Homo sapiens

M\_001163941.1| Homo sapiens ATP-binding cassette, sub-family B (MDR/TAP), member 5 (ABCB5), tra  
5759905|ref|NM\_001164104.1| Homo sapiens Mov10l1, Moloney leukemia virus 10-like 1, homolog (n  
s scaffolding protein family member 4 (CASS4), transcript variant 1, mRNA; gi|255759929|ref|NM\_0011

transcript variant 4, mRNA; gi|255759951|ref|NM\_001163809.1| Homo sapiens WD repeat domain 81 (W

: 4, mRNA; gi|255759876|ref|NM\_001164095.1| Homo sapiens COP9 constitutive photomorphogenic f  
NM\_004385.4| Homo sapiens versican (VCAN), transcript variant 1, mRNA;

|NM\_032436.2| Homo sapiens chromosome alignment maintaining phosphoprotein 1 (CHAMP1), trans

homo sapiens protein phosphatase 6, regulatory subunit 3 (PPP6R3), transcript variant 3, mRNA; gi|255918

chromosome 1 open reading frame 27 (C1orf27), transcript variant 2, mRNA;

001130144.2| Homo sapiens latent transforming growth factor beta binding protein 3 (LTBP3), transcrip

risiae) (RAD51), transcript variant 1, mRNA; gi|256017144|ref|NM\_001164270.1| Homo sapiens RAD51

t variant 2, mRNA; gi|256017147|ref|NM\_182643.2| Homo sapiens deleted in liver cancer 1 (DLC1), tra

RNA; gi|256017172|ref|NM\_015116.2| Homo sapiens leucine-rich repeats and calponin homology (Ct

(DDHD2), transcript variant 1, mRNA;

: 1, mRNA; gi|256219591|ref|NM\_001467.5| Homo sapiens solute carrier family 37 (glucose-6-phospha



i222412|ref|NM\_001164318.1| Homo sapiens filamin B, beta (FLNB), transcript variant 3, mRNA;

3682.2| Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class P (PIGP), transcript variant

M\_021178.3| Homo sapiens cyclin B1 interacting protein 1, E3 ubiquitin protein ligase (CCNB1IP1), tran

01164380.1| Homo sapiens stauferin, RNA binding protein, homolog 2 (Drosophila) (STAU2), transcript v:

.1 | Homo sapiens Rap guanine nucleotide exchange factor (GEF) 6 (RAPGEF6), transcript variant 4, mRNA;

st) (TIMM8B), transcript variant 2, non-coding RNA;  
allopeptidase domain 8 (ADAM8), transcript variant 1, mRNA;  
1, mRNA;

4A; gi|256818793|ref|NM\_019843.3| Homo sapiens eukaryotic translation initiation factor 4E nuclear i  
17957.2 | Homo sapiens osteosarcoma amplified 9, endoplasmic reticulum lectin (OS9), transcript varian

ot variant 1, mRNA;

DISC1 readthrough (TSNAX-DISC1), transcript variant 4, non-coding RNA; gi|257153366|ref|NR\_028394

ia 1 (DISC1), transcript variant c, mRNA; gi|257153481|ref|NM\_001164549.1| Homo sapiens disrupted

omo sapiens FXYD domain containing ion transport regulator 5 (FXYD5), transcript variant 3, mRNA; gi|2.

8410.1| Homo sapiens long intergenic non-protein coding RNA 207 (LINC00207), transcript variant 2, nc

INA;

ated protein kinase 10 (MAPK10), transcript variant 2, mRNA; gi|257467593|ref|NM\_138981.2| Homo  
ript variant 2, mRNA; gi|257467614|ref|NM\_001164647.1| Homo sapiens surfactant protein A1 (SFTPA

48727304|ref|NM\_198828.2| Homo sapiens microtubule associated serine/threonine kinase family me

INA;

1 (SUMF1), transcript variant 1, mRNA;

olipoprotein C-I pseudogene 1 (APOC1P1), transcript variant 2, non-coding RNA;

ript variant 1, mRNA; gi|257470988|ref|NM\_001164527.1| Homo sapiens zinc finger protein 135 (ZNF1  
nscript variant 2, mRNA;

NM\_001164617.1| Homo sapiens glypican 3 (GPC3), transcript variant 1, mRNA;

receptor 3 (CCR3), transcript variant 4, mRNA; gi|257743045|ref|NM\_178328.1| Homo sapiens chemokine receptor 3 (CCR3), transcript variant 1, mRNA;

anti-Müllerian hormone receptor, type II (AMHR2), transcript variant 2, mRNA;

variant 1, mRNA;

f|NM\_018658.1| Homo sapiens potassium inwardly-rectifying channel, subfamily J, member 16 (KCNJ16), transcript variant 1, mRNA;

ef|NM\_170737.1| Homo sapiens potassium inwardly-rectifying channel, subfamily J, member 15 (KCNJ15), transcript variant 1, mRNA;

number 2 (KCNN2), transcript variant 2, mRNA;

mitochondrial protein, transcript variant 2, mRNA;

B, 1 (MAGEB1), transcript variant 3, mRNA;

gi|257796253|ref|NM\_001164710.1| Homo sapiens aminomethyltransferase (AMT), nuclear gene encoding aminomethyltransferase (AMT), transcript variant 1, mRNA;

NM\_015927.4| Homo sapiens transforming growth factor beta 1 induced transcript 1 (TGFB1I1), transcript variant 1, mRNA; gi|257900487|ref|NM\_001164721.1| Homo sapiens transforming growth factor receptor (PTAFR), transcript variant 4, mRNA;

variant 1, mRNA; gi|169808395|ref|NM\_022912.2| Homo sapiens receptor accessory protein 1 (REEP1), transcript variant 1, mRNA; gi|257900538|ref|NM\_001164721.1| Homo sapiens zinc finger and BTB domain containing 20 (ZBTB20), transcript variant 2, mRNA;

514032|ref|NM\_001164781.1| Homo sapiens ataxin 3 (ATXN3), transcript variant y, mRNA; gi|2586138

A; gi|258613932|ref|NM\_001164748.1| Homo sapiens Ras association (RalGDS/AF-6) domain family (N  
5PH), transcript variant 10, mRNA; gi|258613947|ref|NM\_001164752.1| Homo sapiens aspartate beta-

2|ref|NM\_001164760.1| Homo sapiens protein kinase, cAMP-dependent, regulatory, type I, beta (PRKA

nscrip variant 2, mRNA; gi|258645168|ref|NM\_003046.5| Homo sapiens solute carrier family 7 (cation  
13|ref|NM\_001190.3| Homo sapiens branched chain amino-acid transaminase 2, mitochondrial (BCAT:

member 26 (SLC25A26), transcript variant 2, mRNA; gi|258645123|ref|NR\_028475.1| Homo sapiens sol  
iding motif protein, X-linked (RBMX), transcript variant 2, mRNA; gi|258645155|ref|NR\_028476.1| Hom  
f|NM\_001161772.2| Homo sapiens 5-hydroxytryptamine (serotonin) receptor 3A, ionotropic (HTR3A), t  
: (BCKDHA), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;

is chromosome 1 open reading frame 212 (C1orf212), transcript variant 1, mRNA;

nt 1, mRNA; gi|258679497|ref|NM\_001164830.1| Homo sapiens carbonic anhydrase I (CA1), transcript

scrip variant 1, mRNA;

piens deoxythymidylate kinase (thymidylate kinase) (DTYMK), transcript variant 3, non-coding RNA;

anscrip variant 2, mRNA; gi|259013542|ref|NM\_001165033.1| Homo sapiens ring finger protein 182 (R  
GDH), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|259013552|ref|NM\_

3M2), transcript variant 1, mRNA; gi|259013566|ref|NR\_028493.1| Homo sapiens LYR motif containing

cript variant 1, mRNA; gi|259089412|ref|NM\_153827.4| Homo sapiens misshapen-like kinase 1 (MINK

US1), transcript variant 1, mRNA;

ating enzyme E2D 3 (UBE2D3), transcript variant 3, mRNA; gi|33149319|ref|NM\_181891.1| Homo sapi  
er; oxoglutarate carrier), member 11 (SLC25A11), nuclear gene encoding mitochondrial protein, transcrip

o sapiens MIR22 host gene (non-protein coding) (MIR22HG), transcript variant 3, non-coding RNA; gi|25

g 1 (Drosophila) (DACH1), transcript variant 3, mRNA;

, transcript variant 6, mRNA; gi|298358568|ref|NM\_001165881.2| Homo sapiens zinc finger protein 26

piens apoptotic chromatin condensation inducer 1 (ACIN1), transcript variant 2, mRNA; gi|259906023|r  
UL4 associated factor 17 (DCAF17), transcript variant 3, non-coding RNA;

A; gi|259906428|ref|NR\_028509.1| Homo sapiens prostate androgen-regulated transcript 1 (non-prote

: 2, mRNA;

ein signaling 9 (RGS9), transcript variant 2, mRNA;

pt variant 3, mRNA;

920.4 | Homo sapiens sodium channel, voltage-gated, type I, alpha subunit (SCN1A), transcript variant 2,

lated kinase adaptor alpha (STRADA), transcript variant 3, mRNA; gi|260166660|ref|NM\_001003788.2|

ucose 6 phosphatase, catalytic, 3 (G6PC3), transcript variant 1, mRNA;

se 2 (ECI2), transcript variant 2, mRNA; gi|45643118|ref|NM\_006117.2| Homo sapiens enoyl-CoA delta

gi|260436838|ref|NM\_004437.3| Homo sapiens erythrocyte membrane protein band 4.1 (elliptocytosi

lomo sapiens adaptor-related protein complex 1, beta 1 subunit (AP1B1), transcript variant 2, mRNA;

, transcript variant 1, mRNA; gi|260436927|ref|NM\_001166036.1| Homo sapiens zinc finger protein 26

perm associated 2 (CATSPER2), transcript variant 4, mRNA;

(EDNRA), transcript variant 2, mRNA; gi|372266195|ref|NR\_045958.1| Homo sapiens endothelin recep

ariant 3, mRNA;

L), transcript variant 2, mRNA;

pair deficiency, complementation group 1 (includes overlapping antisense sequence) (ERCC1), transcript

chondrial protein, transcript variant 1, mRNA;

, nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;

CS2), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA;

Homo sapiens patatin-like phospholipase domain containing 6 (PNPLA6), transcript variant 4, mRNA; gi|

nhancer-binding factor 1 (LEF1), transcript variant 2, mRNA; gi|260656053|ref|NM\_016269.4| Homo sa

53877|ref|NM\_001165993.1| Homo sapiens glycerophosphodiester phosphodiesterase domain contain

2, mRNA; gi|260763893|ref|NM\_001166002.1| Homo sapiens apolipoprotein B mRNA editing enzyme

\_001165938.1| Homo sapiens StAR-related lipid transfer (START) domain containing 3 (STARD3), transcr

cript variant 1, mRNA;

sapiens B-cell scaffold protein with ankyrin repeats 1 (BANK1), transcript variant 3, mRNA;



D52L3), transcript variant 2, mRNA;

spastic paraplegia) (OPA3), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;

ot variant 3, non-coding RNA;

e-S protein 2, 49kDa (NADH-coenzyme Q reductase) (NDUFS2), nuclear gene encoding mitochondrial pr  
., mRNA;

0898774|ref|NM\_001039375.2| Homo sapiens chromosome 20 open reading frame 7 (C20orf7), nucle

mo sapiens protein phosphatase 1, regulatory subunit 9A (PPP1R9A), transcript variant 2, mRNA; gi|261

omo sapiens NIMA (never in mitosis gene a)-related kinase 6 (NEK6), transcript variant 7, mRNA; gi|261

261278295|ref|NM\_001109974.2| Homo sapiens synaptopodin (SYNPO), transcript variant 2, mRNA;

i sapiens cell growth regulator with EF-hand domain 1 (CGREF1), transcript variant 4, mRNA; gi|2612783

mate receptor, ionotropic, kainate 2 (GRIK2), transcript variant 1, mRNA;

ne A synthase 1 (platelet) (TBXAS1), transcript variant 2, mRNA; gi|261278373|ref|NR\_029394.1| Homo

206943.2| Homo sapiens latent transforming growth factor beta binding protein 1 (LTBP1), transcript va

s chaperonin containing TCP1, subunit 7 (eta) (CCT7), transcript variant 1, mRNA; gi|261399879|ref|NR

ref|NM\_033139.3| Homo sapiens caldesmon 1 (CALD1), transcript variant 4, mRNA; gi|261490654|ref  
hilin, subfamily 3, member A3 (BTN3A3), transcript variant 3, mRNA;

144 (TMEM44), transcript variant 1, mRNA; gi|261490714|ref|NM\_001166305.1| Homo sapiens transn

MyoD family inhibitor domain containing (MDFIC), transcript variant 1, mRNA;  
2, mRNA;

261824030|ref|NM\_001166343.1| Homo sapiens MFNG O-fucosylpeptide 3-beta-N-acetylglucosaminy  
ugmin-like complex, subunit 4 (HAUS4), transcript variant 1, mRNA;  
og 3 (Drosophila) (DLG3), transcript variant 3, mRNA;

12.5| Homo sapiens serine hydroxymethyltransferase 2 (mitochondrial) (SHMT2), nuclear gene encoding  
|261878447|ref|NM\_014871.4| Homo sapiens PAN2 poly(A) specific ribonuclease subunit homolog (S.  
muscle, skeletal, receptor tyrosine kinase (MUSK), transcript variant 2, mRNA;  
nily, member A (RGMA), transcript variant 6, mRNA; gi|261878458|ref|NM\_001166286.1| Homo sapie  
295.1| Homo sapiens synovial sarcoma, X breakpoint 2 interacting protein (SSX2IP), transcript variant 4,

ntigen family A, 12 (MAGEA12), transcript variant 3, mRNA;  
ntigen family A, 8 (MAGEA8), transcript variant 1, mRNA;

1878502|ref|NM\_001166244.1| Homo sapiens heparanase 2 (HPSE2), transcript variant 2, mRNA;

mitochondrial protein, transcript variant 1, mRNA; gi|261878553|ref|NM\_001166261.1| Homo sapiens mitochon-  
drial protein, transcript variant 2, mRNA;  
MAGEA12), transcript variant 1, mRNA;

1, mRNA;

transcript variant 1, mRNA; gi|262072964|ref|NM\_001166448.1| Homo sapiens histone deacetylase 8 (HDAC8),  
transcript variant 1, mRNA;

transcript variant 1, mRNA;

Homo sapiens membrane protein, palmitoylated 1, 55kDa (MPP1), transcript variant 4, mRNA; gi|262118252|ref|NM\_001166244.1|

transcript variant 1, mRNA; gi|262118184|ref|NR\_029461.1| Homo sapiens leukocyte specific transcript variant 1, transcript variant 3, mRNA; gi|262118184|ref|NR\_029461.1| Homo sapiens leukocyte specific transcript variant 1, transcript variant 3, mRNA;

variant 1, mRNA;













te carrier family 26, member 11 (SLC26A11), transcript variant 2, mRNA; gi|262206068|ref|NM\_001166





5.2 | Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 7 (DNAJC7), transcript variant 2, mRNA;

t variant 4, mRNA; gi|262231785|ref|NM\_025259.5| Homo sapiens mutS homolog 5 (E. coli) (MSH5), ti

OP-N-acetylglucosamine:polypeptide-N-acetylglucosaminyl transferase) (OGT), transcript variant 1, mRN

s trafficking protein particle complex 1 (TRAPPC1), transcript variant 2, mRNA; gi|262263354|ref|NR\_0:

omo sapiens CD244 molecule, natural killer cell receptor 2B4 (CD244), transcript variant 2, mRNA;

001037738.2| Homo sapiens nucleophosmin (nucleolar phosphoprotein B23, numatrin) (NPM1), transcr  
t variant 1, mRNA; gi|262331573|ref|NM\_016724.2| Homo sapiens folate receptor 1 (adult) (FOLR1), ti

: variant 2, mRNA; gi|169790838|ref|NM\_004172.4| Homo sapiens solute carrier family 1 (glial high aff

1| Homo sapiens family with sequence similarity 104, member B (FAM104B), transcript variant 6, mRNA

|262399374|ref|NM\_001167576.1| Homo sapiens transient receptor potential cation channel, subfami

inc finger and AT hook domain containing (ZFAT), transcript variant 2, mRNA; gi|292658774|ref|NM\_00

APBP), transcript variant 1, mRNA;

3|ref|NM\_001167602.1| Homo sapiens sialidase 4 (NEU4), transcript variant 5, mRNA; gi|262527246|ri

ase 11 (KLK11), transcript variant 1, mRNA; gi|21618356|ref|NM\_144947.1| Homo sapiens kallikrein-re  
l, transcript variant 2, mRNA;

sapiens regulator of chromosome condensation 1 (RCC1), transcript variant 3, mRNA; gi|302191634|re  
ref|NM\_001167618.1| Homo sapiens mutL homolog 1, colon cancer, nonpolyposis type 2 (E. coli) (MLH

sapiens glycosyltransferase-like domain containing 1 (GTDC1), transcript variant 3, mRNA;

3|ref|NM\_001167671.1| Homo sapiens LIM domain containing preferred translocation partner in lipon

\_030724.1| Homo sapiens X-prolyl aminopeptidase (aminopeptidase P) 1, soluble (XPNPEP1), transcript

scle (PFKM), transcript variant 3, mRNA; gi|266453618|ref|NM\_001166686.1| Homo sapiens phosphof  
66694.1| Homo sapiens cholinergic receptor, nicotinic, alpha 3 (neuronal) (CHRNA3), transcript variant :

t variant 1, mRNA; gi|266456253|ref|NM\_001167595.1| Homo sapiens alpha-methylacyl-CoA racemas



cer associated protein (BLCAP), transcript variant 5, mRNA; gi|268370215|ref|NM\_001167820.1| Hom

mRNA; gi|268370296|ref|NM\_001167734.1| Homo sapiens valyl-tRNA synthetase 2, mitochondrial (p  
1| Homo sapiens protein phosphatase 1, regulatory subunit 12B (PPP1R12B), transcript variant 5, mRNA/

32193|ref|NM\_001167871.1| Homo sapiens ATP5S-like (ATP5SL), transcript variant 5, mRNA; gi|26883

transcript variant 2, mRNA;

terleukin 1 receptor accessory protein (IL1RAP), transcript variant 1, mRNA; gi|268840340|ref|NM\_001  
malformation 2 (CCM2), transcript variant 5, non-coding RNA; gi|269308186|ref|NM\_001029835.2| H  
--dependent secretion activator 2 (CADPS2), transcript variant 2, mRNA;  
72.3| Homo sapiens calcium channel, voltage-dependent, beta 2 subunit (CACNB2), transcript variant 8,

og B (yeast) (TIMM17B), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA;

iens solute carrier family 26, member 5 (prestin) (SLC26A5), transcript variant b, mRNA; gi|269784647|

7|ref|NM\_001167971.1| Homo sapiens TRM2 tRNA methyltransferase 2 homolog B (S. cerevisiae) (TRM

IA;

iscript variant 5, mRNA;

io sapiens inhibitor of CDK, cyclin A1 interacting protein 1 (INCA1), transcript variant 1, mRNA; gi|26984

515|ref|NM\_001167915.1| Homo sapiens ventricular zone expressed PH domain homolog 1 (zebrafish)

V\_001136001.1| Homo sapiens v-abl Abelson murine leukemia viral oncogene homolog 2 (ABL2), trans

1 (OCIAD1), transcript variant 2, mRNA; gi|269914123|ref|NM\_017830.3| Homo sapiens OCIA domain  
ens inositol 1,4,5-trisphosphate receptor, type 1 (ITPR1), transcript variant 1, mRNA;

IL13), transcript variant 6, mRNA; gi|269973864|ref|NM\_001168300.1| Homo sapiens kelch-like 13 (Dr

Homo sapiens UDP glycosyltransferase 3 family, polypeptide A2 (UGT3A2), transcript variant 3, non-codi

1| Homo sapiens WW domain containing transcription regulator 1 (WWTR1), transcript variant 2, mRNA/  
D300 molecule-like family member g (CD300LG), transcript variant 3, mRNA; gi|270132788|ref|NM\_00

ns ras responsive element binding protein 1 (RREB1), transcript variant 1, mRNA; gi|270132934|ref|NM

ipt variant 2, mRNA; gi|270133204|ref|NM\_001168216.1| Homo sapiens amyotrophic lateral sclerosis

rase-like 1 (GALNTL1), transcript variant 1, mRNA;

ng mitochondrial protein, transcript variant 1, mRNA;  
icopeptide repeat domain 39B (TTC39B), transcript variant 5, mRNA; gi|270265882|ref|NM\_001168335

CDH11X), transcript variant f, mRNA; gi|270288724|ref|NM\_001168360.1| Homo sapiens protocadheri

kDa (NDUFB4), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;  
un domain family, member 5 (NSUN5), transcript variant 3, mRNA; gi|270288814|ref|NM\_148956.2| H

), transcript variant 3, mRNA;  
, transcript variant 3, mRNA; gi|270309186|ref|NM\_001168401.1| Homo sapiens brain expressed X-lin

g 2 (MAP7D2), transcript variant 1, mRNA; gi|270483744|ref|NM\_001168466.1| Homo sapiens MAP7 (c  
'DZD3), transcript variant 2, mRNA;  
AF7L), transcript variant 1, mRNA;

rotein 48 (TMEM48), transcript variant 1, mRNA;

kyrin repeat and SOCS box containing 9 (ASB9), transcript variant 4, mRNA; gi|271398121|ref|NM\_001

rmadillo repeat containing, X-linked 5 (ARMCX5), transcript variant 2, mRNA; gi|274318373|ref|NM\_00

ref|NM\_172207.2| Homo sapiens calcium/calmodulin-dependent protein kinase kinase 1, alpha (CAMK1)  
f|NM\_153499.2| Homo sapiens calcium/calmodulin-dependent protein kinase kinase 2, beta (CAMKK2)

VA; gi|27502387|ref|NM\_172388.1| Homo sapiens nuclear factor of activated T-cells, cytoplasmic, calc

73|ref|NM\_173087.1| Homo sapiens calpain 3, (p94) (CAPN3), transcript variant 3, mRNA; gi|2776507



ncoding mitochondrial protein, transcript variant 1, mRNA;

ase 7 (PTK7), transcript variant PTK7-2, mRNA; gi|27886606|ref|NM\_152881.2| Homo sapiens PTK7 pr  
gi|27886645|ref|NM\_172375.1| Homo sapiens potassium voltage-gated channel, subfamily H (eag-rel;

\_173202.1| Homo sapiens interleukin 37 (IL37), transcript variant 2, mRNA; gi|27894297|ref|NM\_1732

n 135 (TMEM135), transcript variant 3, non-coding RNA;

omo sapiens family with sequence similarity 21, member C (FAM21C), transcript variant 2, mRNA;  
ie encoding mitochondrial protein, transcript variant 2, mRNA; gi|153791312|ref|NM\_005138.2| Homc

olecule 2 (STIM2), transcript variant 3, mRNA;

3647.1| Homo sapiens connector enhancer of kinase suppressor of Ras 2 (CNKSR2), transcript variant 2,

'58|ref|NM\_001257237.1| Homo sapiens asparagine-linked glycosylation 13 homolog (S. cerevisiae) (Al

igodendrocyte glycoprotein (MOG), transcript variant alpha2, mRNA; gi|281371477|ref|NM\_00117041;

mo sapiens cell division cycle 20 homolog B (*S. cerevisiae*) (CDC20B), transcript variant 2, mRNA;  
l, transcript variant 5, mRNA; gi|281427275|ref|NM\_001786.4| Homo sapiens cyclin-dependent kinase

NM\_001256819.1| Homo sapiens clarin 1 (CLRN1), transcript variant 6, mRNA; gi|37622908|ref|NM\_1  
ansferase-like 5 (GALNTL5), transcript variant 1, mRNA;

ondrial protein, transcript variant 3, mRNA; gi|281604137|ref|NM\_001170544.1| Homo sapiens phos

, transcript variant 1, mRNA; gi|28178815|ref|NM\_174855.1| Homo sapiens isocitrate dehydrogenase

rotein, transcript variant 1, mRNA;  
ox 1 (TGIF1), transcript variant 8, mRNA; gi|28178842|ref|NM\_170695.2| Homo sapiens TGFB-inducer

! (AFF2), transcript variant 5, mRNA; gi|282165700|ref|NM\_001170628.1| Homo sapiens AF4/FMR2 fai  
gA, IgM, high affinity (FCAMR), transcript variant 3, mRNA;

i815|ref|NR\_030761.1| Homo sapiens transmembrane emp24 protein transport domain containing 5 (T

omb E3 ubiquitin protein ligase 2 (MIB2), transcript variant 3, mRNA; gi|282394035|ref|NM\_00117068

RNA;

, transcript variant 5, mRNA; gi|282396061|ref|NM\_001170564.1| Homo sapiens hedgehog acyltransfe

east cancer anti-estrogen resistance 1 (BCAR1), transcript variant 4, mRNA; gi|282398122|ref|NM\_001:  
romosome 1 open reading frame 49 (C1orf49), transcript variant 4, mRNA; gi|282398130|ref|NM\_0011

(CDK20), transcript variant 2, mRNA; gi|282402172|ref|NM\_178432.3| Homo sapiens cyclin-dependent  
cript variant 2, mRNA;

nd-like splicing regulator 3 (MBNL3), transcript variant 2, mRNA; gi|282720999|ref|NM\_018388.3| Hon

ushi-repeat containing protein, X-linked (SRPX), transcript variant 2, mRNA; gi|282721073|ref|NM\_006

osome 2 open reading frame 28 (C2orf28), transcript variant 2, mRNA;

ype domain 1 (ZFAND1), transcript variant 4, non-coding RNA; gi|282847409|ref|NM\_001170797.1| Hc

ncoding mitochondrial protein, transcript variant 1, mRNA; gi|282847475|ref|NM\_001170747.1| Homc

ily with sequence similarity 122B (FAM122B), transcript variant 4, mRNA; gi|282847481|ref|NM\_0011

variant 2, mRNA;  
nesis associated 22 (SPATA22), transcript variant 1, mRNA; gi|282847499|ref|NM\_032598.4| Homo sapiens  
sapiens ligand dependent nuclear receptor corepressor (LCOR), transcript variant 1, mRNA;

family with sequence similarity 122C (FAM122C), transcript variant 4, mRNA; gi|283046656|ref|NM\_01

romosome X open reading frame 56 (CXorf56), transcript variant 3, mRNA;  
1| Homo sapiens family with sequence similarity 82, member A1 (FAM82A1), transcript variant 3, mRNA;

5 (TRIM5), transcript variant gamma, mRNA;  
Homo sapiens La ribonucleoprotein domain family, member 4 (LARP4), transcript variant 5, mRNA; gi|2

mitochondrial protein, transcript variant 1, mRNA;  
9|ref|NR\_033203.1| Homo sapiens HOXB cluster antisense RNA 3 (non-protein coding) (HOXB-AS3), tr

omo sapiens killer cell lectin-like receptor subfamily C, member 1 (KLRC1), transcript variant 4, mRNA; gi

isferase (HNMT), transcript variant 3, mRNA;

; RNA; gi|270265814|ref|NM\_004960.3| Homo sapiens fused in sarcoma (FUS), transcript variant 1, mF  
oiled-coil 1 (PSRC1), transcript variant 2, mRNA;

upled receptor 137 (GPR137), transcript variant 4, mRNA; gi|283135239|ref|NM\_020155.3| Homo sapi

immunoglobulin superfamily, member 1 (IGSF1), transcript variant 4, mRNA; gi|283436130|ref|NM\_001171  
ndrial protein, transcript variant 1, mRNA; gi|283436221|ref|NM\_001170535.1| Homo sapiens ATPase

sapiens protein tyrosine phosphatase, receptor type, D (PTPRD), transcript variant 4, mRNA; gi|2895475

tonin O-methyltransferase (ASMT), transcript variant 3, mRNA;

ctor synthesis 1 (MOCS1), transcript variant 5, non-coding RNA;  
ype containing 1 (ZBED1), transcript variant 1, mRNA;  
sapiens spermatid perinuclear RNA binding protein (STRBP), transcript variant 2, mRNA;

1| Homo sapiens family with sequence similarity 133, member A (FAM133A), transcript variant 3, mRNA;

id binding Ig-like lectin 10 (SIGLEC10), transcript variant 3, mRNA; gi|283837881|ref|NM\_001171159.1  
), transcript variant 2, mRNA; gi|283837891|ref|NM\_201599.2| Homo sapiens zinc finger, MYM-type 3

rier), member 21 (SLC25A21), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA,  
ine (C-X3-C motif) receptor 1 (CX3CR1), transcript variant 4, mRNA; gi|283837923|ref|NM\_001171171.

: variant 2, mRNA;

variant 3, mRNA; gi|283945527|ref|NM\_004432.3| Homo sapiens ELAV (embryonic lethal, abnormal vis  
.| Homo sapiens family with sequence similarity 3, member A (FAM3A), transcript variant 2, mRNA; gi|2

d protein 1 (UBAP1), transcript variant 2, mRNA; gi|283945559|ref|NM\_001171202.1| Homo sapiens u

anscript variant 1, mRNA;

ily, member 1C (XAGE1C), transcript variant d, mRNA;

o sapiens calmodulin binding transcription activator 2 (CAMTA2), transcript variant 2, mRNA; gi|2840055

ber 1A (XAGE1A), transcript variant c, non-coding RNA;

55244|ref|NM\_001171193.1| Homo sapiens glycerophosphodiester phosphodiesterase domain contain

mo sapiens ST3 beta-galactoside alpha-2,3-sialyltransferase 3 (ST3GAL3), transcript variant 9, mRNA; gi|

ily, member 1B (XAGE1B), transcript variant a, mRNA;

ily, member 1E (XAGE1E), transcript variant d, mRNA;

o sapiens purinergic receptor P2X, ligand-gated ion channel, 2 (P2RX2), transcript variant 1, mRNA; gi|28

1-like (FNBP1L), transcript variant 2, mRNA;  
, transcript variant 1, mRNA; gi|284172412|ref|NM\_001171603.1| Homo sapiens prolyl endopeptidas

ndothelial growth factor A (VEGFA), transcript variant 2, mRNA; gi|284172455|ref|NM\_001033756.2| H  
ase trafficker (NOSTRIN), transcript variant 2, mRNA; gi|284172476|ref|NM\_001171631.1| Homo sapie

x binding homeobox 2 (ZEB2), transcript variant 3, non-coding RNA;  
cript variant 2, mRNA; gi|284413748|ref|NM\_001007075.2| Homo sapiens kelch-like 5 (Drosophila) (KL

3 (CYB5R3), transcript variant 4, mRNA; gi|284448548|ref|NM\_007326.4| Homo sapiens cytochrome b5 mRNA;

chromosome 8 open reading frame 83 (C8orf83), transcript variant 2, mRNA; gi|284520130|ref|NM\_0

anscript variant 2, mRNA;

riant 1, mRNA; gi|284807147|ref|NM\_001005741.2| Homo sapiens glucosidase, beta, acid (GBA), trans  
Homo sapiens peroxisome proliferator-activated receptor delta (PPARD), transcript variant 5, mRNA; gi

ns chromosome X open reading frame 40A (CXorf40A), transcript variant 1, mRNA; gi|284813539|ref|N

t 1, mRNA; gi|284925131|ref|NM\_001171932.1| Homo sapiens cadherin-related 23 (CDH23), transcript variant 3, mRNA; gi|169646722|ref|NM\_001118885.1| Homo sapiens glycine receptor, alpha 1 (GLYR1), UNC84 domain containing 1 (SUN1), transcript variant 5, mRNA; gi|284925164|ref|NM\_001171944.1| Homo sapiens family member 5 (CDHR5), transcript variant 3, mRNA;

gene encoding mitochondrial protein, transcript variant 2, mRNA;

5444|ref|NR\_033268.1| Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 16 (N

anscript variant 2, mRNA;



sapiens chromosome 17 open reading frame 101 (C17orf101), transcript variant 2, mRNA;

cript variant 3, mRNA;

559075|ref|NM\_175840.1| Homo sapiens spermine oxidase (SMOX), transcript variant 2, mRNA;

ript variant 2, mRNA; gi|287326102|ref|NM\_002110.3| Homo sapiens hemopoietic cell kinase (HCK), t  
NR\_033296.1| Homo sapiens coiled-coil domain containing 163, pseudogene (CCDC163P), transcript var

ner 2 (FGFR1OP2), transcript variant 3, mRNA;

ranscript variant 3, non-coding RNA;

nectin type III domain containing 5 (FND5), transcript variant 2, mRNA;

NR\_033312.1| Homo sapiens BDNF antisense RNA 1 (non-protein coding) (BDNF-AS1), transcript variant  
apiens sex comb on midleg homolog 1 (Drosophila) (SCMH1), transcript variant 2, mRNA; gi|288557338

IA; gi|288683075|ref|NR\_033320.1| Homo sapiens myocardial infarction associated transcript (non-prc

transcript variant 1, mRNA; gi|169658380|ref|NM\_176792.2| Homo sapiens mitochondrial ribosomal protein 16S, transcript variant 1, mRNA;  
inergic receptor P2Y, G-protein coupled, 2 (P2RY2), transcript variant 3, mRNA;

304.1| Homo sapiens microtubule associated serine/threonine kinase-like (MASTL), transcript variant 3,

T and NTRK-like family, member 2 (SLITRK2), transcript variant 3, mRNA; gi|288856236|ref|NM\_001144

int 1, mRNA;

containing 9 (BTBD9), transcript variant 3, mRNA; gi|151108410|ref|NM\_052893.1| Homo sapiens BTB (l

and domain (C-terminal) containing 1 (EFHC1), transcript variant B, non-coding RNA;

7), transcript variant 4, non-coding RNA; gi|170784845|ref|NM\_001031710.2| Homo sapiens kelch-like

pecific (ENDOU), transcript variant 3, mRNA;

3| Homo sapiens SUMO/sentrin specific peptidase family member 8 (SEN8), transcript variant 2, mRNA;

Homo sapiens ribonucleotide reductase M2 B (TP53 inducible) (RRM2B), transcript variant 2, mRNA;

variant 1, mRNA;  
RNA;

transcript variant 1, mRNA; gi|289191352|ref|NM\_001172502.1| Homo sapiens solute carrier family 6 (variant 2, mRNA; gi|289191375|ref|NR\_033334.1| Homo sapiens transmembrane protein 70 (TMEM70), NTS9), transcript variant 3, non-coding RNA; gi|289191296|ref|NM\_001172562.1| Homo sapiens integ 168.4| Homo sapiens myeloid differentiation primary response gene (88) (MYD88), transcript variant 2, 1 van gogh, Drosophila) (VANGL1), transcript variant 1, mRNA; 39547200|ref|NM\_002242.4| Homo sapiens potassium inwardly-rectifying channel, subfamily J, member

n 1 (EHBP1), transcript variant 4, mRNA; gi|217330569|ref|NM\_001142614.1| Homo sapiens EH domain

nily member 1 (CELF1), transcript variant 2, mRNA; gi|289547565|ref|NM\_001172639.1| Homo sapien

, mRNA;  
ript variant 1, mRNA;  
e family member 3 (CELF3), transcript variant 2, mRNA;

LILRA3), transcript variant 1, mRNA;

as zinc finger, FYVE domain containing 28 (ZFYVE28), transcript variant 3, mRNA; gi|289547646|ref|NM\_001172640.1| Homo sapiens family with sequence similarity 178, member B (FAM178B), transcript variant C, mRNA; transcript variant 2, mRNA; gi|289547681|ref|NM\_001172669.1| Homo sapiens zinc finger protein 668 (Z

ly member 5 (CELF5), transcript variant 3, non-coding RNA;  
transcript variant 1, mRNA;

transcript variant 2, mRNA;  
family member 6 (CELF6), transcript variant 2, mRNA;

mRNA; gi|289577047|ref|NM\_013365.4| Homo sapiens golgi-associated, gamma adaptin ear containing  
, transcript variant 3, mRNA; gi|289577054|ref|NM\_152360.3| Homo sapiens zinc finger protein 573 (Z  
nt 3, mRNA; gi|289577089|ref|NM\_001172698.1| Homo sapiens peroxisome proliferator-activated rec

family 38, member 6 (SLC38A6), transcript variant 3, non-coding RNA;  
mRNA; gi|289577110|ref|NM\_001172704.1| Homo sapiens golgi-associated, gamma adaptin ear containi  
1.2| Homo sapiens eukaryotic translation initiation factor 4 gamma, 2 (EIF4G2), transcript variant 2, mRNA

S. cerevisiae) (SEC23B), transcript variant 5, mRNA; gi|66932899|ref|NM\_006363.4| Homo sapiens Sec:

eat containing 34 (LRRC34), transcript variant 2, mRNA;

\_001172815.1| Homo sapiens solute carrier family 30 (zinc transporter), member 8 (SLC30A8), transcrip

, mRNA;

iens pyrimidinergic receptor P2Y, G-protein coupled, 6 (P2RY6), transcript variant 1, mRNA; gi|2902961:  
! (MAGEA2), transcript variant 3, mRNA;

cript variant 2, mRNA;

nscrip variant 2, mRNA;

, caveolae protein, 22kDa (CAV1), transcript variant 4, mRNA; gi|290542357|ref|NM\_001753.4| Homo  
nscrip variant 6, non-coding RNA; gi|290543309|ref|NM\_001145093.2| Homo sapiens zinc finger prot  
se homology domains 1 (LOXHD1), transcript variant 3, mRNA; gi|290542347|ref|NM\_001173129.1| H

member 2 (YTHDF2), transcript variant 2, mRNA;  
8224.2| Homo sapiens transmembrane and coiled-coil domain family 1 (TMCC1), transcript variant 3, m

:f|NM\_004707.3| Homo sapiens ATG12 autophagy related 12 homolog (S. cerevisiae) (ATG12), transcrip

t variant 1, mRNA; gi|290657202|ref|NM\_001172645.1| Homo sapiens thymidine kinase 2, mitochondr  
anscrip variant 4, mRNA; gi|290641404|ref|NR\_033348.1| Homo sapiens retinoic acid induced 2 (RAI2  
tosomal recessive 31 (DFNB31), transcript variant 2, mRNA;

containing, RNA binding (QKI), transcript variant 2, mRNA; gi|291042698|ref|NM\_206855.2| Homo saq

5 (Xenopus laevis) (SHISA6), transcript variant 1, mRNA;

acetylserotonin O-methyltransferase-like (ASMTL), transcript variant 2, mRNA;  
ial protein, transcript variant 2, mRNA;  
3479.1| Homo sapiens Cdc42 guanine nucleotide exchange factor (GEF) 9 (ARHGEF9), transcript variant

3.4| Homo sapiens titin (TTN), transcript variant N2-B, mRNA; gi|291045229|ref|NM\_133437.3| Homo  
13A1), transcript variant 19, mRNA; gi|291045252|ref|NM\_080802.3| Homo sapiens collagen, type XIII

1.1| Homo sapiens TYRO protein tyrosine kinase binding protein (TYROBP), transcript variant 3, mRNA; g  
icking protein particle complex 2 (TRAPPC2), transcript variant 1, mRNA;

; gi|291084856|ref|NM\_000925.3| Homo sapiens pyruvate dehydrogenase (lipoamide) beta (PDHB), nu  
JC9), transcript variant 4, non-coding RNA; gi|291049793|ref|NR\_033385.1| Homo sapiens kelch doma

rotein, transcript variant 3, mRNA; gi|291045260|ref|NM\_138777.3| Homo sapiens mitochondrial ribo:

chondrial protein, transcript variant 3, mRNA; gi|291084499|ref|NM\_001172696.1| Homo sapiens Ts  
it variant 3, mRNA;

g 3 (MAP7D3), transcript variant 1, mRNA;  
ember 2 (TROVE2), transcript variant 3, mRNA; gi|291084622|ref|NM\_004600.5| Homo sapiens TROVE

mitochondrial protein, transcript variant 2, mRNA; gi|291084749|ref|NM\_000284.3| Homo sapiens pyruvate dehydrogenase nuclear protein (BDNF), transcript variant 6, mRNA; gi|109698608|ref|NM\_079837.2| Homo sapiens E

(KIF21A), transcript variant 1, mRNA; gi|291167759|ref|NM\_001173463.1| Homo sapiens kinesin family

member 5 (IRF5), transcript variant 8, mRNA; gi|148833493|ref|NM\_001098629.1| Homo sapiens interferon gamma inducible protein 1, transcript variant 1, mRNA; gi|291190740|ref|NM\_001082537.2| Homo sapiens tectonic family member

transcript variant 3, mRNA;

chromosome 9 open reading frame 86 (C9orf86), transcript variant 1, mRNA;

transcript variant 3, mRNA; gi|291290976|ref|NM\_153189.2| Homo sapiens sperm adhesion molecule 1 (PH-20 homolog), transcript variant 1, mRNA; gi|291290976|ref|NM\_153189.2| Homo sapiens polymerase (RNA) III (DNA directed) polypeptide H (22.9kD) (POLR3H), transcript variant 1, mRNA; gi|291290976|ref|NM\_153189.2| Homo sapiens StAR-related lipid transfer (START) domain containing 8 (STARD8), transcript variant 1, mRNA;

gi|291327483|ref|NM\_201568.2| Homo sapiens smg-7 homolog, nonsense mediated mRNA decay factor  
noter binding protein 1 (GPBP1), transcript variant 4, mRNA; gi|291327501|ref|NM\_001127236.2| Homo  
sapiens, transcript variant 2, mRNA;

transcript variant 3, mRNA;

protein 1 (BMP1), transcript variant 4, non-coding RNA; gi|291463261|ref|NM\_006129.4| Homo sapiens  
protein, pyrin domain containing 2 (NLRP2), transcript variant 1, mRNA; gi|291463277|ref|NM\_001174082

directed), lambda (POLL), transcript variant 4, non-coding RNA; gi|291463290|ref|NM\_001174085.1| Homo

factor 3 (NCOA3), transcript variant 2, mRNA; gi|291490684|ref|NM\_001174088.1| Homo sapiens nuclear  
receptor 191490691|ref|NM\_032034.3| Homo sapiens solute carrier family 4, sodium borate transporter, membe

1, transcript variant 1, mRNA; gi|291490702|ref|NM\_022572.4| Homo sapiens paroxysmal nonkinesige

1575132|ref|NR\_033413.1| Homo sapiens solute carrier family 29 (nucleoside transporters), member 3

transcript variant 5, mRNA; gi|291575145|ref|NM\_033008.2| Homo sapiens poly(rC) binding protein 4  
transcript variant 1, mRNA;

1575162|ref|NM\_001174104.1| Homo sapiens CD14 molecule (CD14), transcript variant 3, mRNA;



ger E-box binding homeobox 1 (ZEB1), transcript variant 9, mRNA; gi|291575184|ref|NM\_001174093.1

nc finger, FYVE domain containing 27 (ZFYVE27), transcript variant 2, mRNA; gi|291621672|ref|NM\_001

JF542), transcript variant 4, non-coding RNA; gi|291621684|ref|NR\_033418.1| Homo sapiens zinc finger

ript variant 2, mRNA;

2 (MAGED2), transcript variant 3, mRNA;

acid phosphatase type 2C (PPAP2C), transcript variant 1, mRNA;

ns LIM homeobox transcription factor 1, beta (LMX1B), transcript variant 1, mRNA;

o sapiens ankyrin repeat and BTB (POZ) domain containing 1 (ABTB1), transcript variant 3, non-coding R

(SH2D4A), transcript variant 2, mRNA;

factor-like 13B (ARL13B), transcript variant 5, non-coding RNA; gi|292658835|ref|NM\_144996.3| Homo

ab9 effector protein with kelch motifs (RABEPK), transcript variant 1, mRNA;

idine monophosphate synthetase (UMPS), transcript variant 1, mRNA;  
pt variant 4, non-coding RNA;

1, mRNA;

n related protein 14 (MTMR14), transcript variant 1, mRNA;

; gi|94538333|ref|NM\_177477.2| Homo sapiens Ly6/neurotoxin 1 (LYNX1), transcript variant 5, mRNA;  
nt 1, mRNA; gi|293332610|ref|NM\_001174168.1| Homo sapiens spleen tyrosine kinase (SYK), transcrip

ne-rich with EGF-like domains 1 (CRELD1), transcript variant 2, mRNA;

sapiens peptidylglycine alpha-amidating monooxygenase (PAM), transcript variant 6, non-coding RNA; gi  
4| Homo sapiens doublesex and mab-3 related transcription factor 2 (DMRT2), transcript variant 3, mRNA

sapiens related RAS viral (r-ras) oncogene homolog 2 (RRAS2), transcript variant 1, mRNA; gi|293597518|

o sapiens transcription factor 7 (T-cell specific, HMG-box) (TCF7), transcript variant 5, mRNA; gi|293651  
\_001177384.1| Homo sapiens cytoplasmic polyadenylation element binding protein 2 (CPEB2), transcrip

ctin, galactoside-binding, soluble, 3 (LGALS3), transcript variant 3, mRNA;

transcript variant 2, mRNA;

; gi|294459961|ref|NM\_021625.4| Homo sapiens transient receptor potential cation channel, subfami

cytosolic III-like (NT5C3L), transcript variant 2, non-coding RNA;

), transcript variant 3, mRNA;

astermind-like domain containing 1 (MAMLD1), transcript variant 1, mRNA;

rolase (neutrophil) (AOAH), transcript variant 1, mRNA;  
o sapiens abhydrolase domain containing 16A (ABHD16A), transcript variant 2, mRNA; gi|294660762|re  
ie phosphatase, liver/bone/kidney (ALPL), transcript variant 1, mRNA;  
ig Ig-like lectin 6 (SIGLEC6), transcript variant 4, mRNA; gi|294774551|ref|NM\_001177549.1| Homo sa

ding mitochondrial protein, transcript variant 2, mRNA;  
ciated protein tau (MAPT), transcript variant 1, mRNA; gi|294862259|ref|NM\_016841.4| Homo sapien

ns cyclin-dependent kinase 2 interacting protein (CINP), transcript variant 3, mRNA;

ctive factor) (MASP1), transcript variant 2, mRNA; gi|294997266|ref|NM\_001879.5| Homo sapiens ma  
6), transcript variant 1, mRNA; gi|110227627|ref|NM\_006359.2| Homo sapiens solute carrier family 9,

'1 interacting factor homolog (yeast) (RIF1), transcript variant 3, mRNA; gi|295054205|ref|NM\_018151

io sapiens 190 kDa guanine nucleotide exchange factor (RGNEF), transcript variant 1, mRNA;

NM\_001003793.2| Homo sapiens RNA binding motif, single stranded interacting protein 3 (RBMS3), trar

ariant 1, mRNA;  
se 1 (GGT1), transcript variant 5, mRNA; gi|73915091|ref|NM\_013430.2| Homo sapiens gamma-glutan

11A2), transcript variant 9, non-coding RNA; gi|295293176|ref|NR\_033421.1| Homo sapiens solute car

IN guanine nucleotide release factor (RANGRF), transcript variant 2, mRNA;

small nuclear ribonucleoprotein polypeptide N (SNRPN), transcript variant 4, mRNA; gi|29540552|ref|N

homo sapiens proprotein convertase subtilisin/kexin type 1 (PCSK1), transcript variant 3, mRNA;

complex protein 3 (SYCP3), transcript variant 3, mRNA;

4;

homo sapiens vitrin (VIT), transcript variant 1, mRNA; gi|295789108|ref|NM\_001177971.1| Homo sapiens

gi|NM\_006424.2| Homo sapiens solute carrier family 34 (sodium phosphate), member 2 (SLC34A2), transcript variant 1, mRNA; gi|295789108|ref|NM\_001177971.1| Homo sapiens phosphoinositide kinase, FYVE finger containing (PIKFYVE), transcript variant 2, mRNA;

4| Homo sapiens family with sequence similarity 109, member A (FAM109A), transcript variant 2, mRNA;

homo sapiens propionyl CoA carboxylase, alpha polypeptide (PCCA), nuclear gene encoding mitochondrial protein

;

3S), transcript variant 1, mRNA;

homo sapiens cell division cycle 45 homolog (S. cerevisiae) (CDC45), transcript variant 2, mRNA;

mitochondrial protein, transcript variant 2, mRNA;

, mRNA;

511|ref|NR\_033649.1| Homo sapiens splicing factor 1 (SF1), transcript variant 7, non-coding RNA; gi|295789108|ref|NM\_001177971.1| Homo sapiens peptidyl-peptidase 10 (non-functional) (DPP10), transcript variant 3, mRNA; gi|295842402|ref|NM\_001177971.1| Homo sapiens

cript variant 4, mRNA; gi|295842533|ref|NM\_001178043.1| Homo sapiens diazepam binding inhibitor (cript variant 2, mRNA; gi|222136618|ref|NM\_001144925.1| Homo sapiens myxovirus (influenza virus)

omo sapiens poly (ADP-ribose) polymerase family, member 8 (PARP8), transcript variant 2, mRNA;

rier family 44, member 4 (SLC44A4), transcript variant 1, mRNA;

ranscript variant 2, mRNA;

6C (SEMA6C), transcript variant 3, mRNA; gi|295849298|ref|NM\_001178061.1| Homo sapiens sema d

ictor (NELF), transcript variant 4, mRNA; gi|195972907|ref|NM\_015537.4| Homo sapiens nasal embryo

ens asparagine synthetase (glutamine-hydrolyzing) (ASNS), transcript variant 1, mRNA; gi|296010847|ri  
agonist (IL1RN), transcript variant 2, mRNA; gi|296010861|ref|NM\_173842.2| Homo sapiens interleukii

, mRNA; gi|296010869|ref|NM\_001178081.1| Homo sapiens signal transducer and activator of transcr

FX), transcript variant 3, mRNA; gi|296010876|ref|NM\_003410.3| Homo sapiens zinc finger protein, X-l

transcript variant 3, mRNA;  
U178094.1| Homo sapiens branched chain amino-acid transaminase 1, cytosolic (BCAT1), transcript vari

927|ref|NM\_172213.3| Homo sapiens CD8b molecule (CD8B), transcript variant 2, mRNA; gi|29601093  
transcript variant 2, mRNA;

retory carrier membrane protein 5 (SCAMP5), transcript variant 2, mRNA; gi|296010975|ref|NR\_03366  
finger protein 185 (LIM domain) (ZNF185), transcript variant 3, mRNA; gi|296010967|ref|NM\_0011781  
Homo sapiens multiple inositol-polyphosphate phosphatase 1 (MINPP1), transcript variant 3, mRNA;

gi|296010989|ref|NM\_001178119.1| Homo sapiens abl-interactor 1 (ABI1), transcript variant 6, mRNA;

horin) 3E (SEMA3E), transcript variant 1, mRNA;

pt variant 3, mRNA;

C motif) ligand 12 (CXCL12), transcript variant 1, mRNA; gi|291045120|ref|NM\_001033886.2| Homo sa

CCS), transcript variant 3, mRNA;  
; immunoglobulin superfamily, member 10 (IGSF10), transcript variant 1, mRNA;  
colony stimulating factor 3 (granulocyte) (CSF3), transcript variant 3, mRNA; gi|296011051|ref|NM\_17

:96011070|ref|NM\_001184692.1| Homo sapiens nephronectin (NPNT), transcript variant 4, mRNA; gi|2  
atrix extracellular phosphoglycoprotein (MEPE), transcript variant 3, mRNA; gi|296011081|ref|NM\_001

ogenase (UGDH), transcript variant 3, mRNA;  
J33665.1| Homo sapiens NPSR1 antisense RNA 1 (non-protein coding) (NPSR1-AS1), transcript variant 2,

mRNA; gi|296040486|ref|NM\_139132.3| Homo sapiens nucleoporin 98kDa (NUP98), transcript variant 4,  
l, transcript variant 2, mRNA; gi|296040494|ref|NM\_001184716.1| Homo sapiens SLAM family membe

sapiens TCDD-inducible poly(ADP-ribose) polymerase (TIPARP), transcript variant 2, mRNA;

34728.1| Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class T (PIGT), transcript varian

96080718|ref|NM\_001184732.1| Homo sapiens solute carrier family 22 (organic anion transporter), m  
735|ref|NM\_001184735.1| Homo sapiens astrotactin 2 (ASTN2), transcript variant 6, mRNA; gi|296080  
praja ring finger 1, E3 ubiquitin protein ligase (PJA1), transcript variant 3, mRNA;

riant 1, mRNA; gi|296080767|ref|NM\_001184747.1| Homo sapiens platelet-activating factor acetylhyd  
id NTRK-like family, member 4 (SLITRK4), transcript variant 1, mRNA;

int 5, mRNA; gi|296179383|ref|NM\_001184762.1| Homo sapiens clathrin, light chain A (CLTA), transcri

mology motif (UHM) kinase 1 (UHMK1), transcript variant 2, mRNA;  
er dense fiber of sperm tails 2-like (ODF2L), transcript variant 3, mRNA; gi|296179394|ref|NM\_020729.:

apiens armadillo repeat containing, X-linked 6 (ARMCX6), transcript variant 2, mRNA; gi|57546907|ref|

pt variant 1, mRNA;

e related 6 homolog (mouse)-like (SEZ6L), transcript variant 4, mRNA; gi|296179443|ref|NM\_00118477

4787.1| Homo sapiens par-3 partitioning defective 3 homolog (C. elegans) (PARD3), transcript variant 4,

16286.4| Homo sapiens transcription factor Dp-2 (E2F dimerization partner 2) (TFDP2), transcript variant

1505.3| Homo sapiens NADPH oxidase, EF-hand calcium binding domain 5 (NOX5), transcript variant 1, r

o sapiens DiGeorge syndrome critical region gene 2 (DGCR2), transcript variant 4, mRNA; gi|123701897

, transcript variant 1, mRNA;

l receptor 64 (GPR64), transcript variant 5, mRNA; gi|296317306|ref|NM\_001184837.1| Homo sapiens

1), transcript variant 4, mRNA; gi|296317311|ref|NM\_001184815.1| Homo sapiens carcinoembryonic

in, transcript variant 1, mRNA; gi|296317334|ref|NM\_003375.3| Homo sapiens voltage-dependent an

iancy specific beta-1-glycoprotein 1 (PSG1), transcript variant 1, mRNA;

KLHDC4), transcript variant 2, mRNA;

3, mRNA; gi|296434265|ref|NM\_001184871.1| Homo sapiens Fc receptor-like A (FCRLA), transcript va

gi|296434282|ref|NM\_003874.3| Homo sapiens CD84 molecule (CD84), transcript variant 2, mRNA;



96434311|ref|NM\_001184892.1| Homo sapiens FAD1 flavin adenine dinucleotide synthetase homolog

| Homo sapiens family with sequence similarity 219, member A (FAM219A), transcript variant 4, mRNA;

389.1| Homo sapiens non imprinted in Prader-Willi/Angelman syndrome 2 (NIPA2), transcript variant 5,

32.1| Homo sapiens caspase recruitment domain family, member 8 (CARD8), transcript variant 4, mRNA

protein, transcript variant 1, mRNA;

NA;

|ref|NM\_013983.2| Homo sapiens neuregulin 2 (NRG2), transcript variant 4, mRNA; gi|296531447|ref

Homo sapiens erythrocyte membrane protein band 4.1 like 5 (EPB41L5), transcript variant 1, mRNA; gi|2

Chromosome 3 open reading frame 20 (C3orf20), transcript variant 3, mRNA;

-domain kinase binding protein 1 (SH3KBP1), transcript variant 2, mRNA;

EF-hand domain containing 1 (PEF1), transcript variant 1, mRNA;

transcript variant 1, mRNA;

transcript variant 3, mRNA;

Homo sapiens microphthalmia-associated transcription factor (MITF), transcript variant 5, mRNA; gi|296841078|ref

|NM\_001184970.1| Homo sapiens protein kinase C and casein kinase substrate in neurons 2 (PACSIN2),

Homo sapiens phosphate cytidylyltransferase 2, ethanolamine (PCYT2), transcript variant 6, non-coding RNA; gi

Protein encoding mitochondrial protein, transcript variant 2, mRNA; gi|296923772|ref|NM\_018244.4| Homo

Protein encoding mitochondrial protein, transcript variant 1, mRNA; gi|323098340|ref|NM\_001130847.3| Homo

|ref|NM\_016223.4| Homo sapiens protein kinase C and casein kinase substrate in neurons 3 (PACSIN3),

Deficient protein kinase 1 (WNK1), transcript variant 4, mRNA; gi|300797779|ref|NM\_213655.4| Homo

transcript variant 1, mRNA;

: variant 3, mRNA;

Protein, 1, 6kDa (NDUFC1), nuclear gene encoding mitochondrial protein, transcript variant 5, mRNA; gi|297

1), transcript variant 3, mRNA; gi|296923784|ref|NM\_001033082.2| Homo sapiens v-myc myelocytom

ns non-SMC condensin II complex, subunit H2 (NCAPH2), transcript variant 2, mRNA;  
Da (NDUFA2), transcript variant 2, mRNA; gi|297206775|ref|NR\_033697.1| Homo sapiens NADH dehy

e-S protein 5, 15kDa (NADH-coenzyme Q reductase) (NDUFS5), nuclear gene encoding mitochondrial pr  
!8|ref|NM\_000870.5| Homo sapiens 5-hydroxytryptamine (serotonin) receptor 4, G protein-coupled (H

yl (ACOX1), transcript variant 3, mRNA;

on blood group) (AQP1), transcript variant 3, mRNA; gi|297307119|ref|NM\_001185062.1| Homo sapier

; gi|297307155|ref|NM\_017482.3| Homo sapiens adducin 2 (beta) (ADD2), transcript variant 2, mRNA;

finger, CCHC domain containing 6 (ZCCHC6), transcript variant 1, mRNA;

apiens Rho GDP dissociation inhibitor (GDI) alpha (ARHGDIA), transcript variant 3, mRNA;  
mental retardation 1 (FMR1), transcript variant ISO6, mRNA; gi|297374774|ref|NM\_002024.5| Homo

NM\_007327.3| Homo sapiens glutamate receptor, ionotropic, N-methyl D-aspartate 1 (GRIN1), transcrip  
nflammatory factor 1-like (AIF1L), transcript variant 3, mRNA; gi|297374817|ref|NM\_001185096.1| Ho

!97374824|ref|NM\_001185099.1| Homo sapiens CD22 molecule (CD22), transcript variant 2, mRNA;

VA;

: variant 1, mRNA;

| Homo sapiens ST6 beta-galactosamide alpha-2,6-sialyltransferase 1 (ST6GAL1), transcript variant 2, mR

ns vesicle-associated membrane protein 4 (VAMP4), transcript variant 1, mRNA;  
|NM\_001185057.1| Homo sapiens nucleolar protein 3 (apoptosis repressor with CARD domain) (NOL3),  
V\_001185094.1| Homo sapiens nitrilase 1 (NIT1), transcript variant 4, mRNA;

400|ref|NM\_001185156.1| Homo sapiens interleukin 24 (IL24), transcript variant 3, mRNA;  
3.1| Homo sapiens TP73 antisense RNA 1 (non-protein coding) (TP73-AS1), transcript variant 3, non-codi  
RNA;  
iRNA;

A;

iant 1, mRNA;  
 Homo sapiens fragile X mental retardation, autosomal homolog 1 (FXR1), transcript variant 2, mRNA;  
 ?| Homo sapiens diphosphoinositol pentakisphosphate kinase 1 (PPIP5K1), transcript variant 5, mRNA; g  
 ion-coding RNA; gi|298231212|ref|NM\_001190233.1| Homo sapiens DnaJ (Hsp40) homolog, subfamily  
 ), transcript variant 3, mRNA;  
 nal center expressed transcript 2 (GCET2), transcript variant 1, mRNA;

ase 15 (DUSP15), transcript variant 1, mRNA;

phosphate kinase 2 (IP6K2), transcript variant 8, non-coding RNA; gi|298286512|ref|NM\_016291.3| Homo sapiens

romosome 3 open reading frame 18 (C3orf18), transcript variant 3, mRNA; gi|298358698|ref|NM\_0011

itochondrial protein, transcript variant 1, mRNA;

o complex, subunit s (factor B) (ATP5S), nuclear gene encoding mitochondrial protein, transcript variant  
s multiple coagulation factor deficiency 2 (MCFD2), transcript variant 6, mRNA; gi|298493304|ref|NM\_

itochondrial protein, transcript variant 1, mRNA;

6215|ref|NM\_001190348.1| Homo sapiens dermokine (DMKN), transcript variant 9, mRNA; gi|298566:

RNA; gi|298566288|ref|NM\_014491.3| Homo sapiens forkhead box P2 (FOXP2), transcript variant 1, m

iRNA; gi|298566309|ref|NM\_005476.5| Homo sapiens glucosamine (UDP-N-acetyl)-2-epimerase/N-ace

ref|NM\_001005353.2| Homo sapiens adenylate kinase 4 (AK4), nuclear gene encoding mitochondrial pr

philin 3A-like (without C2 domains) (RPH3AL), transcript variant 1, mRNA; gi|298676511|ref|NM\_0011:

, transcript variant 1, mRNA; gi|298676518|ref|NM\_139315.2| Homo sapiens TAF6 RNA polymerase II,

repressor 1 (NCOR1), transcript variant 2, mRNA;

9187|ref|NM\_001042440.2| Homo sapiens calpastatin (CAST), transcript variant 6, mRNA;

broblast growth factor 8 (androgen-induced) (FGF8), transcript variant F, mRNA; gi|329755302|ref|NM

718.4| Homo sapiens protein phosphatase 2, regulatory subunit B'', alpha (PPP2R3A), transcript variant

thionase (cystathionine gamma-lyase) (CTH), transcript variant 1, mRNA;

ived neurotrophic factor (GDNF), transcript variant 2, mRNA; gi|299473777|ref|NM\_000514.3| Homo :

rs CD46 molecule, complement regulatory protein (CD46), transcript variant e, mRNA; gi|299522996|re

043|ref|NR\_033811.1| Homo sapiens cytochrome P450, family 3, subfamily A, polypeptide 5 (CYP3A5),

non-coding RNA; gi|299523223|ref|NM\_001190707.1| Homo sapiens ALS2 C-terminal like (ALS2CL), tr

|ref|NM\_001005361.2| Homo sapiens dynamin 2 (DNM2), transcript variant 2, mRNA; gi|299758519|r

ma (RXRG), transcript variant 4, mRNA; gi|375151576|ref|NM\_001256570.1| Homo sapiens retinoid X

8.1| Homo sapiens Ral GEF with PH domain and SH3 binding motif 1 (RALGPS1), transcript variant 3, mR

;

nt alpha, mRNA;

\_020473.3 | Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class A (PIGA), transcript vari

ding RNA;

4;

ear transcription factor, X-box binding 1 (NFX1), transcript variant 2, mRNA;

DEAH (Asp-Glu-Ala-His) box polypeptide 35 (DHX35), transcript variant 3, non-coding RNA;

ignition complex, subunit 1 (ORC1), transcript variant 2, mRNA;

D7), transcript variant 4, mRNA; gi|299890803|ref|NM\_005904.3| Homo sapiens SMAD family membe

1| Homo sapiens family with sequence similarity 217, member B (FAM217B), transcript variant 3, mRNA

274.2| Homo sapiens Fc fragment of IgG, low affinity IIb, receptor (CD32) (FCGR2B), transcript variant 3

ranscript variant 1, mRNA;

90881|ref|NM\_004082.4| Homo sapiens dynactin 1 (DCTN1), transcript variant 1, mRNA; gi|299890871



tein, transcript variant 1, mRNA;

NR\_033948.1 | Homo sapiens purinergic receptor P2X, ligand-gated ion channel, 7 (P2RX7), transcript v

sapiens CCR4-NOT transcription complex, subunit 4 (CNOT4), transcript variant 6, mRNA; gi|300069008

gi|300116150|ref|NM\_181461.3 | Homo sapiens paired box 3 (PAX3), transcript variant PAX3G, mRNA;

like 9 (OSBPL9), transcript variant 5, mRNA; gi|300116216|ref|NM\_148907.2 | Homo sapiens oxysterol

NR\_005989.3| Homo sapiens aldo-keto reductase family 1 member B subfamily A member 1 (AKR1D1), transcript variant 3, mRNA; gi|300116269|ref|

NM\_199334.3| Homo sapiens thyroid hormone receptor, alpha (THRA), transcript variant 4, mRNA; gi|300116305|ref|

NC\_008463.2| Homo sapiens zinc finger, MYM-type 2 (ZNF51B), transcript variant 1, mRNA;

gi|300192958|ref|NM\_001190964.1| Homo sapiens zinc finger, MYM-type 2 (ZNF51B), transcript variant 1, mRNA; gi|300192958|ref|

gi|300192971|ref|NR\_033232.2| Homo sapiens sphingomyelinase 3 (SMPD4), transcript variant 1, mRNA; gi|300192971|ref|

gi|382544954|ref|NR\_033994.1| Homo sapiens tumor necrosis factor (ligand) superfamily, member 10 (TNFSF10), transcript variant 1, mRNA;

gi|300192958|ref|NM\_001190964.1| Homo sapiens zinc finger, MYM-type 2 (ZNF51B), transcript variant 1, mRNA; gi|300192958|ref|

gi|300192971|ref|NR\_033232.2| Homo sapiens sphingomyelinase 3 (SMPD4), transcript variant 1, mRNA; gi|300192971|ref|

gi|300244516|ref|NM\_005748.4| Homo sapiens YY1 associated factor 2 (YAF2), transcript variant 5, non-coding RNA; gi|300244516|ref|

|NM\_001190981.1| Homo sapiens interleukin 6 signal transducer (gp130, oncostatin M receptor) (IL6ST)  
trial protein, transcript variant 2, mRNA;

|ref|NR\_034010.1| Homo sapiens small nucleolar RNA host gene 8 (non-protein coding) (SNHG8), trans

nsript variant 3, mRNA; gi|300250765|ref|NM\_001029852.2| Homo sapiens phosphodiesterase 8B (P

-transferase omega 1 (GSTO1), transcript variant 3, mRNA;

erine/arginine-rich splicing factor 10 (SRSF10), transcript variant 4, mRNA; gi|300360553|ref|NM\_00119

TEAD4), transcript variant 2, mRNA;

ransferase omega 2 (GSTO2), transcript variant 1, mRNA; gi|300360568|ref|NM\_001191014.1| Homo s

'arginine-rich splicing factor 1 (SRSF1), transcript variant 1, mRNA;

piens chromosome 17 open reading frame 72 (C17orf72), transcript variant 2, mRNA; gi|300388163|ref

oha (RARA), transcript variant 2, mRNA; gi|300388174|ref|NM\_000964.3| Homo sapiens retinoic acid r  
gi|300388181|ref|NM\_002807.3| Homo sapiens proteasome (prosome, macropain) 26S subunit, non-A

NA; gi|189491760|ref|NM\_145649.4| Homo sapiens glucosaminyl (N-acetyl) transferase 2, l-branching

egion Y)-box 5 (SOX5), transcript variant 1, mRNA;

iens La ribonucleoprotein domain family, member 1B (LARP1B), transcript variant 3, mRNA;

ene/pseudogene) (CASP12), transcript variant 2, non-coding RNA; gi|300794861|ref|NR\_034064.1| Hor

cerevisiae) (SEC31A), transcript variant 4, mRNA; gi|300795548|ref|NM\_001191049.1| Homo sapiens

o sapiens echinoderm microtubule associated protein like 2 (EML2), transcript variant 4, non-coding RN

ing RNA;

sapiens uncharacterized LOC100499177 (LOC100499177), transcript variant 3, non-coding RNA;

L5|ref|NR\_034110.1| Homo sapiens TRAF3IP2 antisense RNA 1 (non-protein coding) (TRAF3IP2-AS1), tr  
ng RNA;

pecific lethal 3 homolog (Drosophila) (MSL3), transcript variant 1, mRNA; gi|300796020|ref|NM\_00119

inding protein 5 (RBBP5), transcript variant 1, mRNA;

sapiens uncharacterized LOC100131067 (LOC100131067), transcript variant 2, non-coding RNA;

54112099|ref|NM\_001399.4| Homo sapiens ectodysplasin A (EDA), transcript variant 1, mRNA; gi|3007

1191057.1| Homo sapiens phosphodiesterase 1C, calmodulin-dependent 70kDa (PDE1C), transcript vari

ate), member 22 (SLC25A22), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA;

BBB syndrome) (MID1), transcript variant 6, mRNA; gi|300797049|ref|NM\_033290.3| Homo sapiens m

000814.5| Homo sapiens gamma-aminobutyric acid (GABA) A receptor, beta 3 (GABRB3), transcript vari

ant 1, mRNA; gi|300797298|ref|NM\_153647.3| Homo sapiens solute carrier family 24 (sodium/potassi

Homo sapiens ring finger protein 138, E3 ubiquitin protein ligase (RNF138), transcript variant 2, mRNA;

1\_001193286.1| Homo sapiens sirtuin 2 (SIRT2), transcript variant 3, mRNA;

ansmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4A (SEMA4A), transcript varia

pendent kinase inhibitor 2A (CDKN2A), transcript variant 1, mRNA; gi|300863098|ref|NM\_058197.4| Hc

romosome 7 open reading frame 10 (C7orf10), transcript variant 1, mRNA; gi|300863127|ref|NM\_0011

ranscript variant 2, mRNA;

no sapiens chromosome 14 open reading frame 133 (C14orf133), transcript variant 1, mRNA; gi|300934  
ariant 3, mRNA; gi|300863152|ref|NM\_014002.3| Homo sapiens inhibitor of kappa light polypeptide ge

la) (WLS), transcript variant 1, mRNA;

o sapiens inverted formin, FH2 and WH2 domain containing (INF2), transcript variant 2, mRNA;

:13A3), transcript variant 2, mRNA; gi|301069345|ref|NM\_001193339.1| Homo sapiens solute carrier f

al protein, transcript variant 1, mRNA;

2C (MEF2C), transcript variant 1, mRNA; gi|301069379|ref|NM\_001193347.1| Homo sapiens myocyte

RNA; gi|301069415|ref|NM\_001193357.1| Homo sapiens nucleoporin 62kDa (NUP62), transcript variar

nuclease 3'-5' domain containing 2 (EXD2), transcript variant 2, mRNA; gi|301129162|ref|NR\_034164.1  
O1), transcript variant 6, mRNA; gi|301129164|ref|NM\_033081.2| Homo sapiens death inducer-obliter

11, 14.7kDa (NDUFA11), transcript variant 3, non-coding RNA; gi|308199473|ref|NM\_175614.4| Homc

nsript variant 1, mRNA;

RHCE), transcript variant 4, mRNA; gi|301129222|ref|NM\_138618.3| Homo sapiens Rh blood group, Cc

ialog (Drosophila)-like (UNKL), transcript variant 2, mRNA; gi|301129264|ref|NM\_001193389.1| Homo

193397.1| Homo sapiens protein phosphatase 2A activator, regulatory subunit 4 (PPP2R4), transcript va

i6.3 | Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, X-linked (DDX3X), transcript variant 1, m



568|ref|NM\_001193431.1| Homo sapiens protein tyrosine phosphatase, non-receptor type 22 (lympho



is chromosome 10 open reading frame 81 (C10orf81), transcript variant 3, mRNA; gi|301172738|ref|NM

mRNA;

NM\_001193460.1 | Homo sapiens methionine sulfoxide reductase B3 (MSRB3), nuclear gene encoding n  
se, alpha) (AGPAT1), transcript variant 1, mRNA;

AT8 regulatory NSL complex subunit 1 (KANSL1), transcript variant 2, mRNA;  
ch coiled-coil 2 (RSC2), transcript variant 6, non-coding RNA; gi|301500653|ref|NR\_036435.1| Homo s

t 3, mRNA; gi|301500671|ref|NM\_004978.4| Homo sapiens potassium voltage-gated channel, Shaw-re

4| Homo sapiens protein phosphatase 1, regulatory subunit 21 (PPP1R21), transcript variant 2, mRNA; g  
ily, member 7 (TBC1D7), transcript variant 1, mRNA; gi|301500689|ref|NM\_001143964.2| Homo sapie  
01193478.1| Homo sapiens cytidine and dCMP deaminase domain containing 1 (CDADC1), transcript va  
omo sapiens aldehyde dehydrogenase 8 family, member A1 (ALDH8A1), transcript variant 3, mRNA;

liate filament family orphan 1 (IFFO1), transcript variant 7, non-coding RNA; gi|302148455|ref|NM\_08C  
3| Homo sapiens dynein, cytoplasmic 2, light intermediate chain 1 (DYNC2LI1), transcript variant 2, mRN

· family 26, member 8 (SLC26A8), transcript variant 1, mRNA;

pt variant 2, mRNA;

nase, RNA-specific (ADAR), transcript variant 5, mRNA; gi|301601655|ref|NM\_015840.3| Homo sapiens

or 1 (LMF1), transcript variant 1, mRNA; gi|295821179|ref|NR\_033646.1| Homo sapiens lipase maturat

paired immunoglobulin-like type 2 receptor alpha (PILRA), transcript variant 3, mRNA;

ct variant 6, non-coding RNA; gi|301897293|ref|NM\_001130482.2| Homo sapiens vaccinia related kina

ript variant 3, mRNA;

ant 2, mRNA;

n 1 (DTNBP1), transcript variant 3, non-coding RNA;

\_001193514.1| Homo sapiens solute carrier family 30 (zinc transporter), member 6 (SLC30A6), transcrip  
ed multivesicular body protein 3 (CHMP3), transcript variant 2, mRNA; gi|301898761|ref|NR\_036454.1

protein activator like 1 (GAP1 like) (RASAL1), transcript variant 2, mRNA;

omo sapiens family with sequence similarity 65, member A (FAM65A), transcript variant 3, mRNA; gi|30

cript variant 2, mRNA;

omo sapiens chaperonin containing TCP1, subunit 6B (zeta 2) (CCT6B), transcript variant 2, mRNA;

hrough (APITD1-CORT), transcript variant 3, mRNA; gi|311893330|ref|NR\_037187.1| Homo sapiens AP  
rotein 116 (TMEM116), transcript variant 2, mRNA;

h four mbt domains 1 (SFMBT1), transcript variant 3, mRNA;

and leucine-rich repeat protein 5 (FBXL5), transcript variant 2, non-coding RNA; gi|302129684|ref|NM\_

ancer of yellow 2 homolog (Drosophila) (ENY2), transcript variant 4, non-coding RNA; gi|302148486|ref|

ycine-rich protein 1 (CSRP1), transcript variant 3, mRNA; gi|302191614|ref|NM\_001193572.1| Homo s

ll adhesion molecule (NRCAM), transcript variant 6, mRNA; gi|302191646|ref|NM\_001193582.1| Homc

; gi|302191707|ref|NM\_001193613.1| Homo sapiens tubulin, delta 1 (TUBD1), transcript variant 6, mR  
6476.1| Homo sapiens transmembrane protein 198B, pseudogene (TMEM198B), transcript variant 1, n

NM\_001193637.1| Homo sapiens dehydrogenase/reductase (SDR family) member 4 like 2 (DHRS4L2), tr  
ript variant 4, mRNA; gi|302344758|ref|NM\_002979.4| Homo sapiens sterol carrier protein 2 (SCP2), ti

Homo sapiens chromosome 17 open reading frame 62 (C17orf62), transcript variant 4, mRNA; gi|3023935

gi|294660767|ref|NM\_001177519.1| Homo sapiens MHC class I polypeptide-related sequence A (M

iens LOC100499484-C9orf174 readthrough (BDAG1), transcript variant 1, non-coding RNA;

iens pogo transposable element with ZNF domain (POGZ), transcript variant 5, mRNA; gi|302699210|re

Homo sapiens eukaryotic translation initiation factor 4 gamma, 1 (EIF4G1), transcript variant 1, mRNA; g

f|NM\_199189.2| Homo sapiens matrin 3 (MATR3), transcript variant 1, mRNA; gi|303227929|ref|NR\_C



is chromosome 12 open reading frame 65 (C12orf65), transcript variant 3, mRNA;  
G-protein-coupled receptor 89A (GPR89A), transcript variant 1, mRNA;  
; gi|297515477|ref|NM\_001042584.2| Homo sapiens CD1e molecule (CD1E), transcript variant 3, mRNA  
transcript variant 4, non-coding RNA; gi|303304983|ref|NM\_139273.3| Homo sapiens cysteinyl-tRNA synthetase  
protein tyrosine phosphatase, receptor type, U (PTPRU), transcript variant 3, mRNA; gi|303304996|

peptidylprolyl isomerase E (cyclophilin E) (PPIE), transcript variant 3, non-coding RNA; gi|303305007|ref|NM\_001042584.2|  
Homo sapiens major histocompatibility complex, class I-related (MR1), transcript variant 3, mRNA; gi|303523609|ref|NM\_001195044.1|  
Homo sapiens grainyhead-like 3 (GRHL3), transcript variant 1, mRNA; gi|303324551|ref|NM\_198173.2| Homo sapiens grainyhead-

transmembrane protein 184B (TMEM184B), transcript variant 3, mRNA;  
methyltransferase 1 (MEPCE), transcript variant 1, mRNA; gi|303521309|ref|NM\_001194990.1| Homo sapiens methyltransferase 1 (MEPCE),  
transcript variant 4, mRNA; gi|303523609|ref|NM\_001195044.1| Homo sapiens Yes-associated protein 1 (YAP), transcript variant 1, mRNA;

1A;

age-inducible transcript 3 (DDIT3), transcript variant 3, mRNA; gi|304282232|ref|NM\_004083.5| Homo sapiens age-inducible transcript 3 (DDIT3), transcript variant 3, mRNA;

sapiens colony stimulating factor 3 receptor (granulocyte) (CSF3R), transcript variant 3, mRNA;

3 (ANKRD28), transcript variant 1, mRNA;

1.3| Homo sapiens protein tyrosine phosphatase type IVA, member 2 (PTP4A2), transcript variant 1, mR

piens chromosome 16 open reading frame 95 (C16orf95), transcript variant 3, mRNA;

piens Treacher Collins-Franceschetti syndrome 1 (TCOF1), transcript variant 4, mRNA; gi|207113161|re

3.1| Homo sapiens nuclear autoantigenic sperm protein (histone-binding) (NASP), transcript variant 4, n  
1), nuclear gene encoding mitochondrial protein, transcript variant 3, mRNA; gi|304434538|ref|NM\_0C

no sapiens chaperonin containing TCP1, subunit 3 (gamma) (CCT3), transcript variant 5, non-coding RNA  
o sapiens paired immunoglobulin-like type 2 receptor beta (PILRB), transcript variant 1, non-coding RNA;

EF1D), transcript variant 1, mRNA; gi|304555582|ref|NM\_001130053.2| Homo sapiens eukaryotic tra

-coil domain containing 107 (CCDC107), transcript variant D, mRNA; gi|304571936|ref|NM\_174923.2|

N/MADD domain containing 1B (DENND1B), transcript variant 4, mRNA;

;

int 1, mRNA; gi|305410790|ref|NM\_001195103.1| Homo sapiens glutathione reductase (GSR), transcri

327|ref|NM\_175069.2| Homo sapiens aprataxin (APTX), transcript variant 2, mRNA; gi|305410840|ref|

rotein 216 (TMEM216), transcript variant 2, mRNA;

ens phosphodiesterase 4D interacting protein (PDE4DIP), transcript variant 2, mRNA; gi|332634936|ref|

actor 4 (IRF4), transcript variant 2, mRNA;

;

1 (MIPOL1), transcript variant 3, mRNA;

t variant 3, non-coding RNA;

), transcript variant 1, mRNA; gi|30581112|ref|NM\_178582.1| Homo sapiens histocompatibility (minor

rotein 1 (BBIP1), transcript variant 5, mRNA; gi|305855069|ref|NM\_001195304.1| Homo sapiens BBSO

:eptor 35 (GPR35), transcript variant 2, mRNA;

is chromosome 16 open reading frame 57 (C16orf57), transcript variant 3, mRNA;

199 (TMEM99), transcript variant 3, mRNA;

gene 5 (BAG5), transcript variant 1, mRNA;

ariant 3, mRNA; gi|306140494|ref|NM\_001195108.1| Homo sapiens toll-like receptor 10 (TLR10), tran:  
or-like 4A (ARL4A), transcript variant 1, mRNA; gi|306482558|ref|NM\_212460.3| Homo sapiens ADP-ri

1\_178152.2| Homo sapiens doublecortin (DCX), transcript variant 2, mRNA; gi|307078114|ref|NM\_001

'arginine-rich splicing factor 2 (SRSF2), transcript variant 1, mRNA;

1LF1), transcript variant 5, mRNA; gi|306482661|ref|NM\_022443.4| Homo sapiens myeloid leukemia fa

61), transcript variant 4, mRNA; gi|306518605|ref|NM\_001195416.1| Homo sapiens doublecortin-like 1  
3611|ref|NM\_001128855.2| Homo sapiens GTP binding protein 3 (mitochondrial) (GTPBP3), nuclear ge

, mRNA;

774086|ref|NM\_001195478.1| Homo sapiens TRK-fused gene (TFG), transcript variant 3, mRNA;

RNA;

2 (DCLK2), transcript variant 1, mRNA;

1195518.1| Homo sapiens mitochondrial calcium uptake 1 (MICU1), nuclear gene encoding mitochondr

3| Homo sapiens spectrin, alpha, non-erythrocytic 1 (alpha-fodrin) (SPTAN1), transcript variant 2, mRNA

ens transmembrane protein 225-like (LOC100289187), transcript variant 2, mRNA;

ariant 2, mRNA;

ns uncharacterized LOC100329135 (LOC100329135), transcript variant 3, mRNA;  
3), transcript variant 1, mRNA;

. cerevisiae) (DBF4B), transcript variant 2, mRNA;

5|ref|NR\_036624.1| Homo sapiens voltage-dependent anion channel 1 (VDAC1), transcript variant 3, nc  
(LOC643750), mRNA;

19196|ref|NM\_019012.5| Homo sapiens pleckstrin homology domain containing, family A member 5 (P

nthetase 1 (SEPHS1), transcript variant 2, mRNA;

ng specific) member 1 (PLEKHA1), transcript variant 2, mRNA; gi|307344639|ref|NM\_021622.4| Homo  
t 1, mRNA;

ophila); translocated to, 10 (MLLT10), transcript variant 6, mRNA; gi|307548830|ref|NM\_004641.3| Ho  
pholipase A2 receptor 1, 180kDa (PLA2R1), transcript variant 3, mRNA;

zinc finger, CCCH-type with G patch domain (ZGPAT), transcript variant 3, mRNA; gi|307548884|ref|NM  
NA;

coding RNA; gi|307574673|ref|NM\_001195677.1| Homo sapiens VAMP (vesicle-associated membrane

lomo sapiens transforming growth factor, beta receptor III (TGFB3), transcript variant 2, mRNA; gi|307

178057.1| Homo sapiens angiotensin I converting enzyme (peptidyl-dipeptidase A) 1 (ACE), transcript variant 1

3| Homo sapiens family with sequence similarity 213, member B (FAM213B), transcript variant 2, mRNA; member 1 (YIPF1), transcript variant 3, non-coding RNA;

\_001195752.1| Homo sapiens THAP domain containing, apoptosis associated protein 3 (THAP3), transcript variant 1

rotein receptor (LDLR), transcript variant 2, mRNA; gi|307775415|ref|NM\_001195800.1| Homo sapiens

family, member 5 (PLD5), transcript variant 3, mRNA;

ens ankyrin repeat and KH domain containing 1 (ANKHD1), transcript variant 3, mRNA; gi|308044522|ref|

roxysteroid dehydrogenase like 2 (HSDL2), transcript variant 2, mRNA;

30.3| Homo sapiens vacuolar protein sorting 13 homolog C (S. cerevisiae) (VPS13C), transcript variant 1B

03604.2| Homo sapiens ZNFX1 antisense RNA 1 (non-protein coding) (ZNFX1-AS1), transcript variant 1, i

specific) member 8 (PLEKHA8), transcript variant 3, mRNA; gi|308153326|ref|NM\_001197026.1| Homo

sapiens interferon-related developmental regulator 1 (IFRD1), transcript variant 4, mRNA; gi|308193306|

ant 3, mRNA;

in interacting protein 1 (SCHIP1), transcript variant 1, mRNA; gi|308193347|ref|NM\_001197109.1| Ho

iant 2, mRNA;

tor 3 (IRF3), transcript variant 2, mRNA; gi|308199444|ref|NM\_001571.5| Homo sapiens interferon reg

A; gi|308199459|ref|NM\_001197129.1| Homo sapiens SYS1 Golgi-localized integral membrane protein

|308210789|ref|NM\_001048221.2| Homo sapiens dysbindin (dystrobrevin binding protein 1) domain c

anscript variant 1, mRNA;

some 9 open reading frame 3 (C9orf3), transcript variant 1, mRNA;

rophilin, subfamily 2, member A1 (BTN2A1), transcript variant 4, mRNA; gi|308522726|ref|NM\_078471

hilin, subfamily 2, member A2 (BTN2A2), transcript variant 1, mRNA; gi|308522747|ref|NM\_001197231

ript variant 3, non-coding RNA;

butyrophilin, subfamily 3, member A2 (BTN3A2), transcript variant 5, mRNA; gi|308736975|ref|NM\_001

ion complex, subunit 3 (ORC3), transcript variant 3, mRNA;

ion complex, subunit 4 (ORC4), transcript variant 2, mRNA; gi|308818136|ref|NM\_001190882.2| Hom



8818203|ref|NM\_001197295.1| Homo sapiens extracellular matrix protein 2, female organ and adipoc

apiens C-type lectin domain family 2, member D (CLEC2D), transcript variant 1, mRNA; gi|309243120|re

variant 6, mRNA; gi|309384272|ref|NM\_018002.3| Homo sapiens oxidation resistance 1 (OXR1), transc

mitochondrial protein, transcript variant 3, mRNA; gi|309747064|ref|NM\_021960.4| Homo sapiens m

apiens aryl hydrocarbon receptor nuclear translocator (ARNT), transcript variant 1, mRNA;

0.1| Homo sapiens polymerase (DNA directed), epsilon 2 (p59 subunit) (POLE2), transcript variant 2, mR

doplasmic reticulum aminopeptidase 1 (ERAP1), transcript variant 1, mRNA;

, mRNA; gi|309951085|ref|NM\_001198549.1| Homo sapiens nucleolar protein 4 (NOL4), transcript var

l094|ref|NM\_000378.4| Homo sapiens Wilms tumor 1 (WT1), transcript variant A, mRNA; gi|30995109

DICTED: Homo sapiens hypothetical LOC100507212, transcript variant 3 (LOC100507212), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100506057, transcript variant 1 (LOC100506057), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100507675, transcript variant 1 (LOC100507675), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100506226, transcript variant 1 (LOC100506226), miscRNA; gi|:

PINA2), miscRNA;

DICTED: Homo sapiens hypothetical LOC100129119, transcript variant 1 (LOC100129119), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100507452, transcript variant 2 (LOC100507452), miscRNA; gi|:

100506371 (LOC100506371), miscRNA;

DICTED: Homo sapiens hypothetical LOC100506676, transcript variant 3 (LOC100506676), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100507372, transcript variant 2 (LOC100507372), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100506206, transcript variant 1 (LOC100506206), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100505991, transcript variant 2 (LOC100505991), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100509303, transcript variant 3 (LOC100509303), miscRNA;

DICTED: Homo sapiens hypothetical LOC100506985, transcript variant 2 (LOC100506985), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100506115, transcript variant 1 (LOC100506115), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100134361, transcript variant 2 (LOC100134361), miscRNA; gi|:

sapiens hypothetical LOC727944, transcript variant 1 (LOC727944), miscRNA; gi|310118866|ref|XR\_10!

DICTED: Homo sapiens hypothetical LOC100506014, transcript variant 1 (LOC100506014), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100132330, transcript variant 2 (LOC100132330), miscRNA; gi|:  
sapiens aquaporin-7-like, transcript variant 2 (LOC100509620), mRNA; gi|341916257|ref|XM\_00340338  
1717763.3| PREDICTED: Homo sapiens ankyrin repeat domain-containing protein 36C, transcript varian

DICTED: Homo sapiens hypothetical LOC100505877, transcript variant 2 (LOC100505877), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100505609, transcript variant 1 (LOC100505609), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100507291, transcript variant 1 (LOC100507291), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100507239, transcript variant 3 (LOC100507239), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100507376, transcript variant 2 (LOC100507376), miscRNA; gi|:



DICTED: Homo sapiens hypothetical LOC100505719, transcript variant 3 (LOC100505719), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100507336, transcript variant 3 (LOC100507336), miscRNA;

DICTED: Homo sapiens hypothetical LOC100505880, transcript variant 2 (LOC100505880), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100506379, transcript variant 1 (LOC100506379), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100506885, transcript variant 1 (LOC100506885), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100131607, transcript variant 2 (LOC100131607), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100131283, transcript variant 1 (LOC100131283), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100507406, transcript variant 2 (LOC100507406), miscRNA; gi|:

; gi|260447076|ref|NR\_028595.1| Homo sapiens coiled-coil domain containing 162, pseudogene (CCDC

DICTED: Homo sapiens hypothetical LOC100505500, transcript variant 2 (LOC100505500), miscRNA; gi|:

100288594 (LOC100288594), miscRNA;

100505960 (LOC100505960), miscRNA;

DICTED: Homo sapiens hypothetical LOC100506130, transcript variant 2 (LOC100506130), miscRNA; gi|:

miscRNA;

DICTED: Homo sapiens hypothetical LOC100506936, transcript variant 1 (LOC100506936), miscRNA;

0376), miscRNA;

(LOC100287633), mRNA;

l protein LOC441239 (LOC441239), mRNA;

p434F142 (DKFZP434F142), miscRNA;

100505669 (LOC100505669), miscRNA;

100505932 (LOC100505932), miscRNA;

100506413 (LOC100506413), miscRNA;

3739), miscRNA;

sapiens hypothetical protein LOC100287705 (LOC100287705), mRNA;

100130169 (LOC100130169), miscRNA;

100507525 (LOC100507525), miscRNA;

9602), miscRNA;

DICTED: Homo sapiens hypothetical LOC100507448, transcript variant 1 (LOC100507448), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100506365, transcript variant 1 (LOC100506365), miscRNA; gi|:

it 1 (LOC100509457), mRNA; gi|310118016|ref|XM\_003120271.1| PREDICTED: Homo sapiens HLA clas  
2 (LOC100293977), mRNA;

100131372 (LOC100131372), miscRNA;

100505568 (LOC100505568), miscRNA;  
100128653 (LOC100128653), miscRNA;  
1296), miscRNA;

1472), miscRNA;  
100506236 (LOC100506236), miscRNA;  
DICTED: Homo sapiens hypothetical LOC100506725, transcript variant 1 (LOC100506725), miscRNA; gi|  
: Homo sapiens HECW1 intronic transcript 1 (non-protein coding) (HECW1-IT1), miscRNA;

ns hypothetical LOC100507042, transcript variant 1 (LOC100507042), miscRNA; gi|310119969|ref|XR\_  
100505484 (LOC100505484), miscRNA;

100505951 (LOC100505951), miscRNA;  
3126), miscRNA;  
100506527 (LOC100506527), miscRNA;  
D: Homo sapiens RAS p21 protein activator 4B, transcript variant 1 (RASA4B), mRNA; gi|310118381|ref  
DICTED: Homo sapiens hypothetical LOC100506683, transcript variant 2 (LOC100506683), miscRNA; gi|  
100506664 (LOC100506664), miscRNA;  
100506682 (LOC100506682), miscRNA;  
DICTED: Homo sapiens hypothetical LOC100506860, transcript variant 1 (LOC100506860), miscRNA; gi|  
DICTED: Homo sapiens hypothetical LOC100506881, transcript variant 4 (LOC100506881), miscRNA; gi|  
100507000 (LOC100507000), miscRNA;

100507538 (LOC100507538), miscRNA;

100507558 (LOC100507558), miscRNA;

100506302 (LOC100506302), miscRNA;

DICTED: Homo sapiens hypothetical LOC100506380, transcript variant 1 (LOC100506380), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100505887, transcript variant 1 (LOC100505887), miscRNA; gi|:

ns hypothetical LOC100132913, transcript variant 1 (LOC100132913), miscRNA;

! ), mRNA; gi|310118668|ref|XM\_003119128.1| PREDICTED: Homo sapiens neuroblastoma breakpoint f  
:ript variant 2 (KIAA1245), mRNA;

DICTED: Homo sapiens hypothetical LOC100506128, transcript variant 2 (LOC100506128), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100506775 (LOC100506775), miscRNA;

DICTED: Homo sapiens hypothetical LOC100506405, transcript variant 1 (LOC100506405), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100506108, transcript variant 2 (LOC100506108), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100506235, transcript variant 1 (LOC100506235), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100506797, transcript variant 2 (LOC100506797), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100505498, transcript variant 2 (LOC100505498), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100505957, transcript variant 1 (LOC100505957), miscRNA; gi|:

sapiens hypothetical LOC729570, transcript variant 2 (LOC729570), miscRNA; gi|310114303|ref|XR\_11:

|XM\_003119895.1| PREDICTED: Homo sapiens hypothetical protein LOC100505836, transcript variant 2

DICTED: Homo sapiens hypothetical LOC100506591, transcript variant 1 (LOC100506591), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100507335, transcript variant 1 (LOC100507335), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100505861, transcript variant 2 (LOC100505861), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100506048, transcript variant 1 (LOC100506048), miscRNA; gi|:

sapiens hypothetical LOC643783, transcript variant 2 (LOC643783), miscRNA; gi|310114610|ref|XR\_11:

DICTED: Homo sapiens hypothetical LOC100506387, transcript variant 1 (LOC100506387), miscRNA; gi|:



DICTED: Homo sapiens hypothetical LOC100505636, transcript variant 1 (LOC100505636), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100505813, transcript variant 2 (LOC100505813), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100507546, transcript variant 3 (LOC100507546), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100505730, transcript variant 1 (LOC100505730), miscRNA; gi|:

100505551 (LOC100505551), miscRNA;

DICTED: Homo sapiens hypothetical LOC100505644, transcript variant 2 (LOC100505644), miscRNA; gi|:

100128374 (LOC100128374), miscRNA;

100129484 (LOC100129484), miscRNA;

100505921 (LOC100505921), miscRNA;

DICTED: Homo sapiens hypothetical LOC100506098, transcript variant 3 (LOC100506098), miscRNA; gi|:  
5943), miscRNA;

100129463 (LOC100129463), miscRNA;

100506516 (LOC100506516), miscRNA;

IA;

apiens hypothetical protein LOC100131871 (LOC100131871), mRNA;

apiens hypothetical protein LOC100506447 (LOC100506447), mRNA;

DICTED: Homo sapiens hypothetical LOC100289098, transcript variant 1 (LOC100289098), miscRNA; gi|:

3: Homo sapiens diacylglycerol O-acyltransferase 2 like protein 7 (DGAT2L7), mRNA;  
DICTED: Homo sapiens hypothetical LOC100128737, transcript variant 2 (LOC100128737), miscRNA; gi|:  
100506489 (LOC100506489), miscRNA;  
100506586 (LOC100506586), miscRNA;  
100127891 (LOC100127891), miscRNA;  
  
100506957 (LOC100506957), miscRNA;

DICTED: Homo sapiens hypothetical LOC100507420, transcript variant 2 (LOC100507420), miscRNA; gi|:  
A;  
DICTED: Homo sapiens hypothetical LOC100505501, transcript variant 2 (LOC100505501), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100505606, transcript variant 1 (LOC100505606), miscRNA; gi|:

ns hypothetical LOC100506291, transcript variant 2 (LOC100506291), miscRNA;

DICTED: Homo sapiens hypothetical LOC100507411, transcript variant 2 (LOC100507411), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100506870, transcript variant 1 (LOC100506870), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100507511, transcript variant 1 (LOC100507511), miscRNA; gi|:

341913793|ref|XM\_003119533.2| PREDICTED: Homo sapiens mucin-19-like (LOC100506072), mRNA; gi  
DICTED: Homo sapiens hypothetical LOC100506125, transcript variant 2 (LOC100506125), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100506465, transcript variant 2 (LOC100506465), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100287803, transcript variant 1 (LOC100287803), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100506919, transcript variant 2 (LOC100506919), miscRNA; gi|:

\_002344825.2| PREDICTED: Homo sapiens Golgin subfamily A member 8-like protein 1-like (LOC653720)

0: Homo sapiens golgin A8 family, member J (GOLGA8J), mRNA;

003118654.2| PREDICTED: Homo sapiens golgin subfamily A member 8-like protein 2-like (LOC728047),

DICTED: Homo sapiens hypothetical LOC100506294, transcript variant 3 (LOC100506294), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100507458, transcript variant 2 (LOC100507458), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100287628, transcript variant 1 (LOC100287628), miscRNA; gi|:

NA; gi|310123464|ref|XM\_003118693.1| PREDICTED: Homo sapiens nuclear pore complex-interacting  
NA; gi|310123472|ref|XM\_003118696.1| PREDICTED: Homo sapiens nuclear pore complex-interacting  
32), mRNA; gi|310123488|ref|XM\_003118701.1| PREDICTED: Homo sapiens nuclear pore complex-inte

DICTED: Homo sapiens hypothetical LOC100507263, transcript variant 1 (LOC100507263), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100506295, transcript variant 1 (LOC100506295), miscRNA; gi|:



DICTED: Homo sapiens hypothetical LOC100507111, transcript variant 1 (LOC100507111), miscRNA; gi|

DICTED: Homo sapiens hypothetical LOC100507305, transcript variant 1 (LOC100507305), miscRNA; gi|

DICTED: Homo sapiens hypothetical LOC100505490, transcript variant 2 (LOC100505490), miscRNA; gi|

DICTED: Homo sapiens hypothetical LOC100128997, transcript variant 2 (LOC100128997), miscRNA; gi|

100131174 (LOC100131174), miscRNA;

DICTED: Homo sapiens hypothetical LOC100506756, transcript variant 3 (LOC100506756), miscRNA;

DICTED: Homo sapiens hypothetical LOC100507199, transcript variant 2 (LOC100507199), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100505874, transcript variant 2 (LOC100505874), miscRNA; gi|:

repeat domain 62, transcript variant 1 (ANKRD62), mRNA; gi|341914104|ref|XM\_001715728.3| PREDI

DICTED: Homo sapiens hypothetical LOC100505650, transcript variant 2 (LOC100505650), miscRNA; gi|:

A; gi|310124633|ref|XM\_003119075.1| PREDICTED: Homo sapiens proline-rich nuclear receptor coacti

DICTED: Homo sapiens hypothetical LOC100507312, transcript variant 1 (LOC100507312), miscRNA; gi|:

variant 1 (LOC100507709), mRNA; gi|310124855|ref|XM\_003119260.1| PREDICTED: Homo sapiens HLA c

100506851 (LOC100506851), miscRNA;

yelin phosphodiesterase 5 (SMPD5), mRNA;

;

VA;

sapiens hypothetical LOC645321, transcript variant 1 (LOC645321), miscRNA; gi|310113264|ref|XR\_11:

00-like (LOC400682), mRNA;

N1-GTF2A1L readthrough (STON1-GTF2A1L), transcript variant 1, mRNA;

1001851.2| Homo sapiens inter-alpha-trypsin inhibitor heavy chain family, member 5 (ITIH5), transcript

ociated protein 7 (MAP7), transcript variant 4, mRNA; gi|310750359|ref|NM\_001198614.1| Homo sapi

|ref|NM\_001198623.1| Homo sapiens tumor necrosis factor (ligand) superfamily, member 13 (TNFSF13  
n tails 2 (ODF2), transcript variant 5, mRNA; gi|310750405|ref|NM\_153432.1| Homo sapiens outer den

5 (TRIM6), transcript variant 1, mRNA; gi|310772222|ref|NM\_001198645.1| Homo sapiens tripartite m  
(A) anchor protein 2 (AKAP2), transcript variant 3, mRNA;

rotein 136 (TMEM136), transcript variant 1, mRNA; gi|310832432|ref|NM\_001198671.1| Homo sapien  
ant 1, mRNA;

omo sapiens protein phosphatase 2, regulatory subunit B', delta (PPP2R5D), transcript variant 1, mRNA;

5, mRNA; gi|310923106|ref|NM\_001198633.1| Homo sapiens runt-related transcription factor 1; tran:

138.1| Homo sapiens non-metastatic cells 2, protein (NM23B) expressed in (NME2), transcript variant 3,  
i receptor overlapping transcript (LEPROT), transcript variant 1, mRNA;

0923183|ref|NM\_001003680.3| Homo sapiens leptin receptor (LEPR), transcript variant 2, mRNA; gi|3:

script variant 7, mRNA; gi|378744215|ref|NM\_001256822.1| Homo sapiens septin 4 (SEPT4), transcript

07|ref|NM\_001198828.1| Homo sapiens lipase, gastric (LIPF), transcript variant 3, mRNA;  
ein 14 (RBM14), transcript variant 1, mRNA;

(RBM4), transcript variant 1, mRNA;

tide 2 (GNGT2), transcript variant 1, mRNA; gi|311771574|ref|NM\_001198756.1| Homo sapiens guanir

NA;

iens phosphatidylinositol 4-kinase, catalytic, beta (PI4KB), transcript variant 4, mRNA; gi|311771620|ref  
198777.1| Homo sapiens cullin 2 (CUL2), transcript variant 4, mRNA;  
50.2| Homo sapiens actin related protein 2/3 complex, subunit 4, 20kDa (ARPC4), transcript variant 3, n

, transcript variant 4, non-coding RNA; gi|311771672|ref|NM\_001198786.1| Homo sapiens POU class 2

0655.2| Homo sapiens Myb/SANT-like DNA-binding domain containing 3 (MSANTD3), transcript variant

..1| Homo sapiens eukaryotic translation initiation factor 4 gamma, 3 (EIF4G3), transcript variant 1, mRNA

ementation factor (A1CF), transcript variant 3, mRNA; gi|311771757|ref|NM\_138932.2| Homo sapiens  
r 2 (mystique) (PDLIM2), transcript variant 1, mRNA;  
sapiens uncharacterized LOC100507547 (LOC100507547), transcript variant 2, non-coding RNA; gi|3117  
romosome 8 open reading frame 58 (C8orf58), transcript variant 2, mRNA;

sapiens uncharacterized LOC100507362 (LOC100507362), transcript variant 3, non-coding RNA;

nRNA;

subunit F2 (ATP5J2), nuclear gene encoding mitochondrial protein, transcript variant 3, mRNA; gi|31189

gi|312032402|ref|NM\_001198895.1| Homo sapiens aminoacylase 1 (ACY1), transcript variant 2, mRNA

-coil domain containing 169 (CCDC169), transcript variant 6, mRNA; gi|312032440|ref|NM\_001144985.

f|NM\_177444.2| Homo sapiens PTPRF interacting protein, binding protein 1 (liprin beta 1) (PPFIBP1), tr

sapiens uncharacterized LOC100507463 (LOC100507463), transcript variant 1, non-coding RNA; gi|3120





anscript variant 3, mRNA;

373|ref|NM\_001145211.2| Homo sapiens solute carrier organic anion transporter family, member 2B1  
76381|ref|NR\_037568.1| Homo sapiens mitochondrial ribosomal protein L49 (MRPL49), transcript vari  
ens enoyl CoA hydratase domain containing 2 (ECHDC2), transcript variant 1, mRNA;  
i, transcript variant 2, mRNA;

2, mRNA; gi|209862844|ref|NM\_001136022.1| Homo sapiens nuclear factor of activated T-cells, cytop

is chromosome 1 open reading frame 201 (C1orf201), transcript variant 2, mRNA; gi|312222701|ref|NM  
eat containing 49 (LRRC49), transcript variant 3, mRNA;  
22705|ref|NM\_148887.2| Homo sapiens mitochondrial ribosomal protein L10 (MRPL10), nuclear gene  
membrane protein 222 (TMEM222), transcript variant 1, mRNA; gi|312222723|ref|NR\_037577.1| Homo s  
lin 2, extracellular matrix protein (SPON2), transcript variant 3, mRNA;

JL4 associated factor 6 (DCAF6), transcript variant 4, mRNA; gi|312176365|ref|NM\_001198956.1| Hor  
gi|312176434|ref|NM\_001198980.1| Homo sapiens small ArfGAP2 (SMAP2), transcript variant 4, mRN  
A; gi|312222767|ref|NR\_037570.2| Homo sapiens NFS1 nitrogen fixation 1 homolog (S. cerevisiae) (NF  
3|ref|NM\_001198993.1| Homo sapiens NAD kinase (NADK), transcript variant 2, mRNA;

4, mRNA; gi|312261188|ref|NM\_001199011.1| Homo sapiens dynactin 5 (p25) (DCTN5), transcript vari

script variant 3, mRNA; gi|312261216|ref|NM\_001199038.1| Homo sapiens serine incorporator 2 (SER

EMD1), transcript variant 2, mRNA; gi|312261252|ref|NM\_001001552.4| Homo sapiens LEM domain c  
51.1| Homo sapiens adaptor-related protein complex 3, sigma 2 subunit (AP3S2), transcript variant 2, nc

transcript variant 1, mRNA;

osome 16 open reading frame 5 (C16orf5), transcript variant 2, mRNA; gi|312261264|ref|NM\_0011

f|NM\_153703.4| Homo sapiens podocan (PODN), transcript variant 1, mRNA;

DRD5), transcript variant 3, mRNA; gi|312283645|ref|NM\_001199089.1| Homo sapiens tudor domain c

solic IB (NT5C1B), transcript variant 5, mRNA; gi|312283641|ref|NM\_001199087.1| Homo sapiens 5'-n

ate dehydrogenase 1, NAD (soluble) (MDH1), transcript variant 3, mRNA;

rRNA; gi|312283727|ref|NM\_173165.2| Homo sapiens nuclear factor of activated T-cells, cytoplasmic,  
P/MRP 21kDa subunit (RPP21), transcript variant 3, mRNA;

IAP3), transcript variant 4, mRNA; gi|312284086|ref|NM\_001199099.1| Homo sapiens BAI1-associated  
RNA;

ens TRAF family member-associated NFkB activator (TANK), transcript variant 2, mRNA;

amily, CARD domain containing 4 (NLRC4), transcript variant 1, mRNA;

nding repeat containing 2 (XIRP2), transcript variant 3, mRNA; gi|312433987|ref|NM\_001199145.1| Ho

e 7 (KAT7), transcript variant 2, mRNA; gi|312434014|ref|NM\_001199157.1| Homo sapiens K(lysine) ac

peptidase 19 (USP19), transcript variant 1, mRNA; gi|312596876|ref|NM\_006677.2| Homo sapiens ubiq

1199174.1| Homo sapiens MTOR associated protein, LST8 homolog (S. cerevisiae) (MLST8), transcript v

| Homo sapiens ATPase, Ca<sup>++</sup> transporting, type 2C, member 1 (ATP2C1), transcript variant 9, mRNA; gi

enylate kinase 2 (AK2), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|312.  
t domain containing 1 (GTF2IRD1), transcript variant 1, mRNA;

-box domain containing (ZBBX), transcript variant 1, mRNA;

01199209.1| Homo sapiens cytochrome P450, family 4, subfamily F, polypeptide 3 (CYP4F3), transcript v

ein (MAG), transcript variant 1, mRNA;

atch domain and ankyrin repeats 1 (GPANK1), transcript variant 1, mRNA; gi|312839872|ref|NM\_0011  
sapiens uncharacterized LOC100507217 (LOC100507217), transcript variant 1, non-coding RNA;

otein 2 (TOR1AIP2), transcript variant 3, mRNA;

icocorticoid regulated kinase 2 (SGK2), transcript variant 3, mRNA;

oe) (SGOL1), transcript variant B4, mRNA; gi|312922397|ref|NM\_001012413.2| Homo sapiens shugosh  
, transcript variant 1, mRNA; gi|149999369|ref|NM\_003646.3| Homo sapiens diacylglycerol kinase, zet

mRNA;

ein 1 (CABIN1), transcript variant 1, mRNA;  
(PHOSPHO2), transcript variant 2, mRNA; gi|313151192|ref|NM\_001199286.1| Homo sapiens phospho

quitin interaction motif containing 1 (UIMC1), transcript variant 2, mRNA;

ra 2 (IL22RA2), transcript variant 1, mRNA;

VB2), transcript variant 1, mRNA;

ant 3, mRNA;

sapiens hydroxysteroid (17-beta) dehydrogenase 4 (HSD17B4), transcript variant 3, mRNA;

o sapiens CCR4-NOT transcription complex, subunit 2 (CNOT2), transcript variant 2, mRNA; gi|31348281  
enesis factor 26 (PEX26), transcript variant 2, mRNA;  
'ED), transcript variant 1, mRNA;

script variant 4, mRNA; gi|313569773|ref|NM\_001199343.1| Homo sapiens ribosomal protein L17 (RPL  
e-1-phosphate guanylyltransferase (FPGT), transcript variant 3, mRNA;

i|313569790|ref|NM\_000487.5| Homo sapiens arylsulfatase A (ARSA), transcript variant 1, mRNA; gi|3

ef|NR\_037613.1| Homo sapiens CKLF-like MARVEL transmembrane domain containing 3 (CMTM3), tran:

), transcript variant 3, mRNA; gi|313661394|ref|NM\_001199382.1| Homo sapiens ring finger protein 1.

Homo sapiens erythrocyte membrane protein band 4.1-like 2 (EPB41L2), transcript variant 3, mRNA; gi|  
o sapiens NIMA (never in mitosis gene a)-related kinase 1 (NEK1), transcript variant 4, mRNA; gi|313661

factor 3 (TRAF3), transcript variant 3, mRNA; gi|313661482|ref|NM\_001199427.1| Homo sapiens TNF r

{D2), transcript variant 1, mRNA; gi|313747420|ref|NR\_037625.1| Homo sapiens bromodomain contain

ref|NR\_040006.1| Homo sapiens cleft lip and palate associated transmembrane protein 1 (CLPTM1), tra

transcript variant 2, mRNA;

81|ref|NM\_001199378.1| Homo sapiens golgi brefeldin A resistant guanine nucleotide exchange factor  
dural cytotoxicity triggering receptor 2 (NCR2), transcript variant 1, mRNA;

factor homeobox 2 (TGIF2), transcript variant 1, mRNA; gi|313747520|ref|NM\_001199515.1| Homo sapie  
variant 2, mRNA; gi|145580583|ref|NM\_001004416.2| Homo sapiens uromodulin-like 1 (UMODL1), tran  
chromosome 20 open reading frame 24 (C20orf24), transcript variant 2, mRNA; gi|313747551|ref|NR\_02

ref|NM\_001199492.1| Homo sapiens programmed cell death 4 (neoplastic transformation inhibitor) (P

substance (BVES), transcript variant B, mRNA;

UNC84 domain containing 2 (SUN2), transcript variant 2, mRNA;  
coding RNA;

YCBP readthrough (GJA9-MYCBP), transcript variant 4, non-coding RNA; gi|313760695|ref|NR\_037637.

coactivator 7 (NCOA7), transcript variant 3, mRNA; gi|314122155|ref|NM\_181782.4| Homo sapiens nu

ll death-inducing DFFA-like effector c (CIDEA), transcript variant 2, mRNA; gi|313851086|ref|NM\_02205

DCD2), transcript variant 3, mRNA; gi|313850997|ref|NM\_001199463.1| Homo sapiens programmed c

pt variant 2, mRNA; gi|334848109|ref|NR\_037638.2| Homo sapiens solute carrier family 28 (sodium-c

R8-TTC4 readthrough (HEATR8-TTC4), transcript variant 2, non-coding RNA;

iant 2, mRNA; gi|313851022|ref|NM\_001199637.1| Homo sapiens adenylate cyclase activating polype

2 (PTK2), transcript variant 1, mRNA;

actor 1 (PMF1), transcript variant 1, mRNA;

readthrough (PMF1-BGLAP), transcript variant 1, mRNA; gi|313851071|ref|NM\_001199663.1| Homo s

2), transcript variant 1, mRNA; gi|313851066|ref|NM\_001199660.1| Homo sapiens leucine zipper-EF-h

|ref|NM\_001199672.1| Homo sapiens calumenin (CALU), transcript variant 4, mRNA; gi|314122175|re

ane protein band 3-like 1) (SLC4A2), transcript variant 3, mRNA; gi|314122223|ref|NM\_001199694.1|

ariant 1, mRNA;

ember 1 (ENOSF1), transcript variant 2, mRNA;



ns thioredoxin-related transmembrane protein 2 (TMX2), transcript variant 4, non-coding RNA; gi|3150

41.1| Homo sapiens growth arrest and DNA-damage-inducible, alpha (GADD45A), transcript variant 2, n

protein phosphatase 1, regulatory subunit 8 (PPP1R8), transcript variant 2, mRNA;  
ved 3 alpha (REG3A), transcript variant 3, mRNA;

tumorigenicity 20 (ST20), transcript variant 2, mRNA; gi|154959416|ref|NM\_001100879.1| Homo sapi

(MTHFS), transcript variant 2, mRNA; gi|315113866|ref|NM\_006441.3| Homo sapiens 5,10-methenylt

no sapiens protein tyrosine phosphatase, receptor type, N (PTPRN), transcript variant 3, mRNA;

5113899|ref|NR\_037657.1| Homo sapiens biogenesis of lysosomal organelles complex-1, subunit 1 (BL

012|ref|NM\_017547.3| Homo sapiens FAD-dependent oxidoreductase domain containing 1 (FOXRED1),

M\_001199774.1| Homo sapiens proteasome (prosome, macropain) subunit, alpha type, 5 (PSMA5), tra

|ref|NM\_172240.2| Homo sapiens POC1 centriolar protein homolog B (Chlamydomonas) (POC1B), tran

\_001199780.1| Homo sapiens proteasome (prosome, macropain) subunit, beta type, 2 (PSMB2), transci  
ein 1A, 12kDa (FKBP1A), transcript variant 3, mRNA;

yltransferase 1C (CPT1C), transcript variant 2, mRNA; gi|315221118|ref|NM\_001199753.1| Homo sapi

1 binding protein (syntenin) 2 (SDCBP2), transcript variant 1, mRNA;

32.3| Homo sapiens protein tyrosine phosphatase, non-receptor type 7 (PTPN7), transcript variant 1, mF

1| Homo sapiens immunoglobulin-like domain containing receptor 1 (ILDR1), transcript variant 3, mRNA  
unit 7 (INTS7), transcript variant 4, mRNA; gi|315259082|ref|NM\_015434.3| Homo sapiens integrator  
t) (ALG11), transcript variant A, mRNA;

sium-dependent phosphatase 1 (MDP1), transcript variant 2, mRNA;

mylcyclotransferase (GGCT), transcript variant 1, mRNA; gi|315360621|ref|NM\_001199817.1| Homo s  
ef|NM\_001184876.2| Homo sapiens G protein-coupled receptor associated sorting protein 2 (GPRASP2

|ref|NM\_001166498.2| Homo sapiens heparanase (HPSE), transcript variant 3, mRNA;

it 3, mRNA; gi|23111022|ref|NM\_013322.2| Homo sapiens sorting nexin 10 (SNX10), transcript variant

peptidase domain 22 (ADAM22), transcript variant 1, mRNA; gi|315434193|ref|NM\_004194.3| Homo  
ns SMAD specific E3 ubiquitin protein ligase 1 (SMURF1), transcript variant 1, mRNA;

o sapiens death associated protein 3 (DAP3), nuclear gene encoding mitochondrial protein, transcript v  
ylate kinase 3 (AK3), transcript variant 2, mRNA; gi|315434226|ref|NM\_001199855.1| Homo sapiens a  
116233|ref|NM\_001190900.1| Homo sapiens prodynorphin (PDYN), transcript variant 5, mRNA; gi|300

:ript variant 5, mRNA; gi|315434250|ref|NM\_001199863.1| Homo sapiens potassium voltage-gated ch:

(KIF16B), transcript variant 3, mRNA;

sion molecule 1 (VCAM1), transcript variant 2, mRNA;

A; gi|315467840|ref|NM\_001199873.1| Homo sapiens UDP-Gal:betaGlcNAc beta 1,4- galactosyltransfe

|NM\_001199886.1| Homo sapiens interleukin 7 (IL7), transcript variant 2, mRNA;  
cript variant 1, mRNA;

, transcript variant 2, mRNA; gi|315506972|ref|NM\_001199875.1| Homo sapiens small EDRK-rich facto

315630394|ref|NM\_002611.4| Homo sapiens pyruvate dehydrogenase kinase, isozyme 2 (PDK2), nucle

protein 13 (AKAP13), transcript variant 1, mRNA;  
on initiation factor 6 (EIF6), transcript variant 2, mRNA;

script variant 1, mRNA; gi|315707009|ref|NM\_001199919.1| Homo sapiens phosphoglucomutase 3 (P

transcript variant 4, mRNA;  
Homo sapiens T-box 5 (TBX5), transcript variant 4, mRNA;

NDUFS5), transcript variant 3, mRNA;

NDUFB5) RNA;  
NDUFB5, nuclear gene encoding mitochondrial protein, transcript variant 3, mRNA; gi|316660085

NDUFS1) Fe-S protein 1, 75kDa (NADH-coenzyme Q reductase) (NDUFS1), transcript variant 5, mRNA; gi|316983172  
NDUFB6, nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|316983172

variant 3, mRNA;

.1), transcript variant 1, mRNA;

n-coding RNA; gi|318102068|ref|NR\_037695.1| Homo sapiens DnaJ (Hsp40) homolog, subfamily B, me

olypeptide (YWHAB), transcript variant 1, mRNA;

12C3 type) 6 (RNF6), transcript variant 4, mRNA;  
, transcript variant 1, mRNA;

nsferase 6 (GCN5-related) (NAT6), transcript variant 3, mRNA;  
3 (HYAL3), transcript variant 4, mRNA; gi|318037446|ref|NM\_001200029.1| Homo sapiens hyalurono

type A (microsomal) (CYB5A), transcript variant 1, mRNA;

is plasminogen activator, urokinase receptor (PLAUR), transcript variant 3, mRNA;  
37608|ref|NM\_001200056.1| Homo sapiens N-acetylneuraminate pyruvate lyase (dihydrodipicolinate

363.1| Homo sapiens high mobility group nucleosomal binding domain 3 (HMGN3), transcript variant 4,  
iant 4, mRNA; gi|318067964|ref|NM\_183399.2| Homo sapiens ring finger protein 14 (RNF14), transcrip  
mRNA;

nsript variant 1, mRNA;  
ich sequence DNA-binding factor 2 (GCFC2), transcript variant 1, mRNA;

nt 3, mRNA; gi|319004143|ref|NM\_001201370.1| Homo sapiens ring finger protein 7 (RNF7), transcrip

!| Homo sapiens nuclear receptor subfamily 1, group I, member 3 (NR1I3), transcript variant 12, mRNA;

ide-binding, soluble, 8 (LGALS8), transcript variant 4, mRNA; gi|318068050|ref|NM\_006499.4| Homo s  
(ASGR2), transcript variant 1, mRNA; gi|319655551|ref|NM\_080913.3| Homo sapiens asialoglycoprote  
EDNRB), transcript variant 1, mRNA; gi|319655694|ref|NM\_003991.3| Homo sapiens endothelin recep  
riant 4, mRNA;

8), transcript variant 2, mRNA;

mRNA;  
rosophila) (TTYH1), transcript variant 1, mRNA;

A;  
n (NRP) and tolloid (TLL)-like 1 (NETO1), transcript variant 1, mRNA;

is chromosome 18 open reading frame 21 (C18orf21), transcript variant 4, mRNA; gi|319918861|ref|NM

484.1| Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class O (PIGO), transcript variant

nt variant 2, mRNA; gi|319996596|ref|NM\_005681.3| Homo sapiens TATA box binding protein (TBP)-as

odomain interacting protein kinase 1 (HIPK1), transcript variant 3, mRNA; gi|38201637|ref|NM\_152696  
ant 3, mRNA; gi|319996628|ref|NM\_004696.2| Homo sapiens solute carrier family 16, member 4 (mor

mRNA;

ein-like 6 (OSBPL6), transcript variant 2, mRNA; gi|319996734|ref|NM\_001201480.1| Homo sapiens ox

1543.1| Homo sapiens family with sequence similarity 161, member A (FAM161A), transcript variant 1,

ĸ (RNASEK), transcript variant 1, mRNA;



is chromosome 17 open reading frame 49 (C17orf49), transcript variant 2, mRNA;

ranscript variant 1, mRNA;

ranscript variant 1, mRNA; gi|320118859|ref|NM\_001201556.1| Homo sapiens zinc finger protein 821 (Z

rotein-like (NUBPL), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;

sapiens proprotein convertase subtilisin/kexin type 2 (PCSK2), transcript variant 3, mRNA;

NM\_032970.3| Homo sapiens SEC22 vesicle trafficking protein homolog C (S. cerevisiae) (SEC22C), trans  
ns ankyrin repeat and SOCS box containing 11 (ASB11), transcript variant 1, mRNA;

n repeat and SOCS box containing 3 (ASB3), transcript variant 3, mRNA;

omo sapiens nuclear receptor subfamily 4, group A, member 1 (NR4A1), transcript variant 2, mRNA;

n repeat and SOCS box containing 6 (ASB6), transcript variant 3, mRNA;

| Homo sapiens aldehyde dehydrogenase 7 family, member A1 (ALDH7A1), nuclear gene encoding mito

, transcript variant 5, mRNA; gi|320202981|ref|NM\_001202412.1| Homo sapiens zinc finger protein 55

gi|320461535|ref|NM\_006721.3| Homo sapiens adenosine kinase (ADK), transcript variant 2, mRNA;

, transcript variant 2, mRNA;

02987|ref|NM\_001202413.1| Homo sapiens aldo-keto reductase family 1, member A1 (aldehyde redu

i|320461707|ref|NM\_181697.2| Homo sapiens peroxiredoxin 1 (PRDX1), transcript variant 3, mRNA;

nc finger, MYND-type containing 11 (ZMYND11), transcript variant 8, mRNA; gi|321117052|ref|NM\_00

iens corticotropin releasing hormone receptor 2 (CRHR2), transcript variant 3, mRNA; gi|321117172|ref  
njugating enzyme E2E 1 (UBE2E1), transcript variant 2, mRNA;

onjugating enzyme E2G 2 (UBE2G2), transcript variant 3, mRNA;

or B (SAFB), transcript variant 1, mRNA; gi|321267467|ref|NM\_002967.3| Homo sapiens scaffold attach

ct variant 1, mRNA;

ting enzyme E2H (UBE2H), transcript variant 1, mRNA;

unit 1 (CTDP1), transcript variant 3, mRNA; gi|321267520|ref|NM\_048368.3| Homo sapiens CTD (carboxy

ns CASP8 and FADD-like apoptosis regulator (CFLAR), transcript variant 8, mRNA; gi|321267570|ref|NM

l-related 4 (CFHR4), transcript variant 1, mRNA;

(MXD1), transcript variant 1, mRNA;

', mRNA; gi|321400106|ref|NM\_001202543.1| Homo sapiens cut-like homeobox 1 (CUX1), transcript v

(ECM1), transcript variant 2, mRNA;

membrane domain (TM) and short cytoplasmic domain, (semaphorin) 4G (SEMA4G), transcript variant 1

pt variant 1, mRNA;

NA;

hancer of zeste homolog 2 (Drosophila) (EZH2), transcript variant 5, mRNA; gi|322506096|ref|NM\_001

3C), transcript variant 3, mRNA; gi|322812167|ref|NM\_001203263.1| Homo sapiens interleukin 17 receptor 6 open reading frame 25 (C6orf25), transcript variant 4, mRNA; gi|322812177|ref|NM\_138273.2| H

rotein, transcript variant 1, mRNA; gi|323098333|ref|NM\_001204052.1| Homo sapiens solute carrier family 18 member 1 (SLC18A1), transcript variant A, mRNA; gi|89111128|ref|NM\_001039660.1| Homo sapiens interleukin

NDUFC2-KCTD14 readthrough (NDUFC2-KCTD14), transcript variant 1, mRNA;

known, 2, 14.5kDa (NDUFC2), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;

containing 1 (CHURC1), transcript variant 2, mRNA;

7|ref|NM\_152788.4| Homo sapiens ankyrin repeat and sterile alpha motif domain containing 1B (ANKRD1B), transcript variant 1, mRNA;

1|ref|NM\_138282.2| Homo sapiens ATPase, H<sup>+</sup> transporting, lysosomal 13kDa, V1 subunit G2 (ATP6V1G2), transcript variant 4, mRNA; gi|323276664|ref|NM\_001032363.3| Homo sapiens mitochondrial inner membrane protein, member 3 (KCNN3), transcript variant 3, mRNA; gi|323276681|ref|NM\_170782.2| Homo sapiens

protein, transcript variant 1, mRNA;

SYNJ2BP-COX16 readthrough (SYNJ2BP-COX16), transcript variant 3, mRNA;

Asp-DEAD (Asp-Glu-Ala-Asp) box polypeptide 39B (DDX39B), transcript variant 3, non-coding RNA;

protease 2 (PPT2), transcript variant 3, mRNA;

Bcl-2 like 11 (apoptosis facilitator) (BCL2L11), transcript variant 7, mRNA; gi|323362955|ref|NM\_138624.3| Homo sapiens

ANKRD12), transcript variant 1, mRNA;

MOB4), transcript variant 3, mRNA; gi|323362997|ref|NM\_001204094.1| Homo sapiens MO

CKLF), transcript variant 1, mRNA; gi|321267554|ref|NM\_181640.2| Homo sapiens chemokine-like factor (CKLF), transcript vari

LOC254128 (LOC254128), transcript variant 2, non-coding RNA;

CKLF-CMTM1), transcript variant 3, mRNA;

LRMP), transcript variant 1, mRNA;

HDAC9), transcript variant 7, mRNA; gi|323423062|ref|NM\_001204147.1| Homo sapiens histone deacetylase 9 (HDAC

MBD1), transcript variant 4, mRNA; gi|323462160|ref|NM\_001204143.1| Homo sapiens

NBL1), transcript variant 3, mRNA; gi|32327667

SGK3), transcript variant 13257.4| Homo sapiens serum/glucocorticoid regulated kinase family, member 3 (SGK3), transcript vari

MDM4), transcript variant 1, mRNA; gi|323

ZHX1), transcript variant 3, non-coding RNA; gi|323510650|ref|NR\_037874.1| Homo sapiens zinc fi

CHODL), transcript variant 3, mRNA; gi|323510651|ref|NM\_001204175.1| Homo sapiens chondrolectin (CHODL), transcript variant 3, mRNA; gi

o sapiens NIMA (never in mitosis gene a)-related kinase 2 (NEK2), transcript variant 2, mRNA;

particle 19kDa (SRP19), transcript variant 3, mRNA; gi|323510704|ref|NM\_001204199.1| Homo sapiens

ie protein 235 (TMEM235), transcript variant 2, mRNA;

ynthase 1 (neuronal) (NOS1), transcript variant 4, mRNA; gi|323635432|ref|NM\_000620.4| Homo sapiens

ipt variant 3, non-coding RNA;

IC14L2), transcript variant 2, mRNA;

t variant 2, mRNA;

L1, mRNA; gi|323668275|ref|NM\_001204189.1| Homo sapiens tumor protein p73 (TP73), transcript va

| Homo sapiens FXFD domain containing ion transport regulator 6 (FXFD6), transcript variant 4, mRNA; g

RNA;

1\_000809.3| Homo sapiens gamma-aminobutyric acid (GABA) A receptor, alpha 4 (GABRA4), transcript v

Pase activating protein 19 (ARHGAP19), transcript variant 2, mRNA;

3| Homo sapiens group-specific component (vitamin D binding protein) (GC), transcript variant 1, mRNA  
4) precursor protein (APP), transcript variant 9, mRNA; gi|228008404|ref|NM\_201413.2| Homo sapiens  
nicity 7 like (ST7L), transcript variant 1, mRNA; gi|38201635|ref|NM\_138728.2| Homo sapiens suppres  
sion factor 1 (ATPIF1), nuclear gene

2| Homo sapiens family with sequence similarity 24, member B (FAM24B), transcript variant 1, mRNA;  
mRNA; gi|324073260|ref|NM\_000949.5| Homo sapiens prolactin receptor (PRLR), transcript variant 1,

NM\_173064.2| Homo sapiens interleukin 28 receptor, alpha (interferon, lambda receptor) (IL28RA), tran  
script variant 1, mRNA; gi|324120889|ref|NR\_037914.1| Homo sapiens ring finger and CHY zinc finger  
cytosolic glutathione S-transferase 2 (MGST2), transcript variant 2, mRNA; gi|324120895|ref|NM\_0012

1084611|ref|NM\_001173523.1| Homo sapiens protocadherin 7 (PCDH7), transcript variant d, mRNA;

NPR3), transcript variant 1, mRNA; gi|324120922|ref|NM\_001204376.1| Homo sapiens natriuretic pep

nolog 1 (Drosophila) (DLG1), transcript variant 2, mRNA; gi|148539627|ref|NM\_001098424.1| Homo sa

rface associated (MUC1), transcript variant 11, mRNA; gi|324120969|ref|NM\_001204292.1| Homo sap

12466.1 | Homo sapiens phosphoinositide-3-kinase, regulatory subunit 1 (alpha) (PIK3R1), transcript vari

2), transcript variant 2, mRNA; gi|324710993|ref|NM\_001204398.1 | Homo sapiens paired-like homeo  
poptosis (XIAP), transcript variant 1, mRNA;

is tubulointerstitial nephritis antigen-like 1 (TINAGL1), transcript variant 3, mRNA;

ase activating factor 1 (APAF1), transcript variant 5, mRNA; gi|32483360|ref|NM\_181868.1 | Homo sapi

7066.3 | Homo sapiens protein kinase (cAMP-dependent, catalytic) inhibitor gamma (PKIG), transcript va  
. | Homo sapiens protein kinase (cAMP-dependent, catalytic) inhibitor beta (PKIB), transcript variant 1, n

7.2 | Homo sapiens adaptor-related protein complex 5, sigma 1 subunit (AP5S1), transcript variant 2, mF  
ipt variant 1, mRNA; gi|325053639|ref|NM\_001204450.1 | Homo sapiens cell cycle progression 1 (CCPC  
1688442|ref|NM\_001206491.1 | Homo sapiens mitochondrial antiviral signaling protein (MAVS), nuclear

, node of Ranvier (ankyrin G) (ANK3), transcript variant 4, mRNA; gi|325053664|ref|NM\_001149.3 | Hoi

rotein signaling 6 (RGS6), transcript variant 2, mRNA; gi|325053681|ref|NM\_001204420.1| Homo sapien

1\_001204458.1| Homo sapiens tumor necrosis factor receptor superfamily, member 19 (TNFRSF19), tra

1.4| Homo sapiens N(alpha)-acetyltransferase 16, NatA auxiliary subunit (NAA16), transcript variant 1, r  
tein 10 (RBM10), transcript variant 2, mRNA; gi|325120979|ref|NM\_005676.4| Homo sapiens RNA binc

NM\_172170.4| Homo sapiens calcium/calmodulin-dependent protein kinase II gamma (CAMK2G), transi

3 (KIFAP3), transcript variant 2, mRNA; gi|325197190|ref|NM\_001204516.1| Homo sapiens kinesin-as

d tyrosine kinase 3 ligand (FLT3LG), transcript variant 2, mRNA;

61.3| Homo sapiens purinergic receptor P2X, ligand-gated ion channel, 5 (P2RX5), transcript variant 1, n  
H), transcript variant 4, mRNA; gi|325197215|ref|NM\_152910.4| Homo sapiens diacylglycerol kinase, e

(CDH16), transcript variant 4, mRNA; gi|325296965|ref|NM\_004062.3| Homo sapiens cadherin 16, KSI

r, delta (SSR4), transcript variant 4, non-coding RNA; gi|325301073|ref|NM\_006280.2| Homo sapiens si



mRNA; gi|325651831|ref|NM\_172056.2| Homo sapiens potassium voltage-gated channel, subfamily H (

transcript variant 2, mRNA;

rosine kinase 2 beta (PTK2B), transcript variant 1, mRNA; gi|325651909|ref|NM\_173176.2| Homo sapie

ranscript variant 1, mRNA;

325651949|ref|NM\_001204832.1| Homo sapiens anoctamin 10 (ANO10), transcript variant 3, mRNA; gi

ranscript variant 1, mRNA; gi|325651961|ref|NM\_001204838.1| Homo sapiens zinc finger protein 568 (Z

M1), transcript variant 2, non-coding RNA;

3, mRNA; gi|325652038|ref|NM\_001204860.1| Homo sapiens transcription elongation factor B (SIII), protein (TNF receptor superfamily, member 6) (FAS), transcript variant 5, non-coding RNA; gi|325652055|ref|NM\_001204860.1|

4; gi|325652078|ref|NR\_037942.1| Homo sapiens syntaxin 16 (STX16), transcript variant 7, non-coding RNA;

ase 10 (DUSP10), transcript variant 1, mRNA;

script variant 1, mRNA;

iens WNT1 inducible signaling pathway protein 1 (WISP1), transcript variant 2, mRNA; gi|325910846|ref|NM\_001204860.1|

IP2/Sun domain family, member 2 (NSUN2), transcript variant 1, mRNA;

22955.3| Homo sapiens Berardinelli-Seip congenital lipodystrophy 2 (seipin) (BSCL2), transcript variant : 343, member RAS oncogene family (RAB43), transcript variant 7, mRNA; gi|325910894|ref|NM\_001204860.1|  
ding mitochondrial protein, transcript variant 2, mRNA;  
piens transmembrane 4 L six family member 19 (TM4SF19), transcript variant 1, mRNA;

homeobox 1 (PBX1), transcript variant 2, mRNA;

ef|NM\_001128127.2| Homo sapiens glycerol kinase (GK), transcript variant 3, mRNA;

741.4| Homo sapiens ATG13 autophagy related 13 homolog (S. cerevisiae) (ATG13), transcript variant 2

ducible factor 3, alpha subunit (HIF3A), transcript variant 2, mRNA; gi|326807020|ref|NM\_152794.3| H  
ariant 4, mRNA; gi|326937407|ref|NM\_001145307.2| Homo sapiens leucine rich transmembrane and (n  
ng RNA;

NM\_194255.2| Homo sapiens solute carrier family 19 (folate transporter), member 1 (SLC19A1), transci

protein 1 (CRISP1), transcript variant 2, mRNA;

1| Homo sapiens acyl-CoA synthetase long-chain family member 6 (ACSL6), transcript variant 5, mRNA;

mRNA; gi|327532713|ref|NM\_001875.4| Homo sapiens carbamoyl-phosphate synthase 1, mitochondri

g B (S. cerevisiae) (RAD54B), transcript variant 2, mRNA;

uctase (TECR), transcript variant 3, non-coding RNA;

cript variant gamma, mRNA;

sapiens uncharacterized LOC100507246 (LOC100507246), transcript variant 3, non-coding RNA; gi|3288  
, transcript variant 3, mRNA;

8.2| Homo sapiens EGF-like, fibronectin type III and laminin G domains (EGFLAM), transcript variant 2, n

i63503|ref|NM\_001205293.1| Homo sapiens calcium channel, voltage-dependent, R type, alpha 1E sub  
yme E2A (UBE2A), transcript variant 2, mRNA;

330340385|ref|NM\_032747.3| Homo sapiens up-regulated during skeletal muscle growth 5 homolog (n transcript variant 1, mRNA;

d cell motility 1 (ELMO1), transcript variant 4, mRNA; gi|330688437|ref|NR\_038120.1| Homo sapiens e 38123.1| Homo sapiens proteasome (prosome, macropain) subunit, alpha type, 3 (PSMA3), transcript v. 04930.3| Homo sapiens capping protein (actin filament) muscle Z-line, beta (CAPZB), transcript variant 1 mo sapiens caspase 10, apoptosis-related cysteine peptidase (CASP10), transcript variant 4, mRNA; gi|3

opolymerase (RNA) I polypeptide D, 16kDa (POLR1D), transcript variant 3, mRNA; 1206569.1| Homo sapiens sortilin-related VPS10 domain containing receptor 1 (SORCS1), transcript var lomo sapiens DnaJ (Hsp40) homolog, subfamily B, member 5 (DNAJB5), transcript variant 1, mRNA; A) anchor protein 7 (AKAP7), transcript variant beta, mRNA;

nsript variant 7, mRNA;

, transcript variant 2, mRNA; gi|331028574|ref|NM\_001822.5| Homo sapiens chimerin (chimaerin) 1 (C iant 1, mRNA;

-domain GRB2-like endophilin B1 (SH3GLB1), transcript variant 4, mRNA; gi|331284171|ref|NM\_00120

repressor 2 (NCOR2), transcript variant 3, mRNA;

4\_007125.3| Homo sapiens ubiquitously transcribed tetratricopeptide repeat gene, Y-linked (UTY), tran

2491.5| Homo sapiens regulatory factor X, 4 (influences HLA class II expression) (RFX4), transcript variant

iens caspase 2, apoptosis-related cysteine peptidase (CASP2), transcript variant 3, mRNA;

sapiens nuclear receptor subfamily 4, group A, member 3 (NR4A3), transcript variant 3, mRNA;

iscript variant 4, mRNA; gi|122939207|ref|NM\_001080391.1| Homo sapiens SP100 nuclear antigen (SP

iens mitochondrial ribosomal protein L42 (MRPL42), nuclear gene encoding mitochondrial protein, trans

0016|ref|NM\_001206710.1| Homo sapiens protein kinase, AMP-activated, gamma 1 non-catalytic sub

, transcript variant 1, mRNA;

L1C), transcript variant 3, non-coding RNA; gi|332078462|ref|NM\_016143.4| Homo sapiens NSFL1 (p97

2, mRNA; gi|332078558|ref|NM\_001206729.1| Homo sapiens v-akt murine thymoma viral oncogene h

ens hydroxysteroid (11-beta) dehydrogenase 1 (HSD11B1), transcript variant 2, mRNA;

member RAS oncogene family (RAB27A), transcript variant 1, mRNA; gi|332078500|ref|NM\_183236.2|

1\_001206747.1| Homo sapiens caveolin 2 (CAV2), transcript variant 1, mRNA;

11|ref|NM\_153276.2| Homo sapiens solute carrier family 22 (organic anion transporter), member 6 (SL

5.2| Homo sapiens fucosyltransferase 8 (alpha (1,6) fucosyltransferase) (FUT8), transcript variant 1, mR

s transmembrane protease, serine 13 (TMPRSS13), transcript variant 4, mRNA; gi|332205853|ref|NM\_C

, transcript variant 7, mRNA; gi|332164773|ref|NM\_182471.2| Homo sapiens pyruvate kinase, muscle (

lication factor C (activator 1) 5, 36.5kDa (RFC5), transcript variant 2, mRNA; gi|332164785|ref|NM\_001

s mitogen-activated protein kinase kinase 5 (MAP2K5), transcript variant 3, mRNA;

tein p53 inducible protein 3 (TP53I3), transcript variant 2, mRNA;

5), transcript variant 2, mRNA; gi|332205928|ref|NM\_182709.2| Homo sapiens K(lysine) acetyltransfer

3427|ref|NM\_002851.2| Homo sapiens protein tyrosine phosphatase, receptor-type, Z polypeptide 1 (P

rotein 2 (TGOLN2), transcript variant 2, mRNA; gi|332205960|ref|NM\_001206844.1| Homo sapiens tr

variant 7, mRNA; gi|332205955|ref|NM\_001080555.2| Homo sapiens germ cell associated 1 (GSG1), transcript variant 4, non-coding RNA; gi|256222831|ref|NM\_001164238.1| Homo sapiens neuroligin 4, Y-linked

APRN2), transcript variant 2, mRNA; gi|332205980|ref|NM\_032156.3| Homo sapiens caprin family member 1 (TDSF1), transcript variant 2, mRNA; gi|332308972|ref|NM\_001206878.1| Homo sapiens CTD (carboxy-

terminal domain of poly(ADP-ribose) polymerase 1 (PARP1), nuclear gene encoding mitochondrial protein 2, mRNA;

transcript variant 4, mRNA; gi|226371767|ref|NM\_001128588.3| Homo sapiens solute carrier family 14 (urea transporter)

1 (MRV1), transcript variant 2, mRNA; gi|332634595|ref|NM\_001206902.1| Homo sapiens aldehyde dehydrogenase 1 family, member A2 (ALDH1A2), transcript variant 4, mRNA; gi|332634595|ref|NM\_001206902.1| Homo sapiens Tax1 (human T-cell leukemia virus type I) binding protein 1 (TAX1)

transcript variant 3, mRNA; gi|332634595|ref|NM\_001206915.1| Homo sapiens calcium channel, voltage-dependent, beta 3 subunit (CACNB3), transcript variant 3, mRNA;

transcript variant 5, mRNA; gi|332634595|ref|NM\_001206925.1| Homo sapiens CD86 molecule (CD86), transcript variant 5, mRNA; gi|332634595|ref|NM\_001206925.1|

transcript variant 2, mRNA; gi|332634595|ref|NM\_001206931.1| Homo sapiens family with sequence similarity 115, member A (FAM115A), transcript variant 2, mRNA; gi|332634595|ref|NM\_001206931.1| Homo sapiens chondroitin sulfate proteoglycan 5 (neuroglycan C) (CSPG5), transcript variant 2, mRNA;

transcript variant 1, mRNA; gi|332634595|ref|NM\_001206946.1| Homo sapiens phosphatidylinositol binding clathrin assembly protein (PICALM), transcript variant 1, mRNA;

transcript variant 1, mRNA; gi|332634595|ref|NM\_001206952.1| Homo sapiens advanced glycosylation end product-specific receptor (AGER), transcript variant 1, mRNA;

transcript variant 4, mRNA; gi|332800982|ref|NM\_001206952.1| Homo sapiens solute carrier family 16, member 3 (SLC16A3), transcript variant 4, mRNA; gi|332800982|ref|NM\_001206952.1|

Homo sapiens protein tyrosine phosphatase, receptor type, B (PTPRB), transcript variant 1, mRNA; gi|332800982|ref|NM\_001206956.1|

Homo sapiens contactin 4 (CNTN4), transcript variant 5, mRNA; gi|332800982|ref|NM\_001206956.1|

transcript variant 3, mRNA; gi|379991118|ref|NR\_001206987.1| Homo sapiens methyltransferase 23 (METTL23), transcript variant 4, mRNA; gi|332801040|ref|NM\_001206987.1| Homo sapiens methyltransferase 23 (METTL23), transcript variant 4, mRNA; gi|332801040|ref|NM\_001206987.1|

78.1| Homo sapiens nuclear receptor subfamily 1, group H, member 4 (NR1H4), transcript variant 5, mRNA; gi|1206996.1| Homo sapiens protein phosphatase 2, regulatory subunit B, gamma (PPP2R2C), transcript variant 1, mRNA;

Homo sapiens heterogeneous nuclear ribonucleoprotein D-like (HNRPDL), transcript variant 3, non-coding RNA;

variant 1, mRNA;

45277.1| Homo sapiens nascent polypeptide-associated complex alpha subunit (NACA), transcript variant 2, transcript variant 1, mRNA; gi|333033793|ref|NM\_001122847.2| Homo sapiens solute carrier family 12, member 1, transcript variant 2, mRNA; gi|333033799|ref|NR\_038192.1| Homo sapiens deoxyhypusine synthase (DHPS), transcript variant 1, mRNA;

Interleukin 6 receptor (CNTFR), transcript variant 1, mRNA;

Homo sapiens protein tyrosine phosphatase, non-receptor type 2 (PTPN2), transcript variant 3, mRNA; gi|333108241|ref|NR\_038203.1| Homo sapiens tospeak (LOC100616530), transcript variant 6, non-coding RNA; gi|333108241|ref|NR\_038203.1| Homo sapiens protein tyrosine phosphatase, receptor type, R (PTPRR), transcript variant 2, mRNA; gi|333108241|ref|NR\_038203.1|

serpin family H member 1 (SERPINH1), transcript variant 1, mRNA; gi|333360859|ref|NM\_013427.2| Homo sapiens smoothelin (SMTN), transcript variant 1, mRNA; gi|333360859|ref|NM\_013427.2|

Interleukin 5 receptor 1 (IL5R1), transcript variant 1, non-coding RNA;

Uncharacterized LOC154092 (LOC154092), transcript variant 1, non-coding RNA; gi|333360885|ref|NR\_038211.1|

NR\_038225.1| Homo sapiens ZNF503 antisense RNA 1 (non-protein coding) (ZNF503-AS1), transcript variant 1, mRNA;



Homo sapiens ring finger protein 40, E3 ubiquitin protein ligase (RNF40), transcript variant 2, mRNA;

enzyme 1 (BACE1), transcript variant b, mRNA; gi|333440459|ref|NM\_012104.4| Homo sapiens beta-s

sapiens DNA (cytosine-5-)-methyltransferase 3 beta (DNMT3B), transcript variant 8, mRNA; gi|2855906

sapiens uncharacterized LOC100507557 (LOC100507557), transcript variant 1, non-coding RNA;  
xsackie virus and adenovirus receptor (CXADR), transcript variant 2, mRNA; gi|333470704|ref|NM\_001  
sapiens uncharacterized LOC100507433 (LOC100507433), transcript variant 2, non-coding RNA; gi|3334

eucine zipper and W2 domains 1 (BZW1), transcript variant 2, mRNA; gi|333470716|ref|NM\_00120706

8254.1| Homo sapiens OTU domain containing 7A pseudogene (LOC100288637), transcript variant 2, n  
12|ref|NM\_001207039.1| Homo sapiens ets variant 7 (ETV7), transcript variant 6, mRNA; gi|333470734

nRNA;

ens protein tyrosine phosphatase, receptor type, O (PTPRO), transcript variant 5, mRNA; gi|333609220|  
!.1| Homo sapiens vezatin, adherens junctions transmembrane protein (VEZT), transcript variant 3, non-  
072.1| Homo sapiens family with sequence similarity 181, member A (FAM181A), transcript variant 3, m

RNA;

gi|333609258|ref|NR\_038260.1| Homo sapiens human immunodeficiency virus type I enhancer bindir

7 (KLK7), transcript variant 3, mRNA; gi|333609284|ref|NM\_139277.2| Homo sapiens kallikrein-related  
ript variant 3, mRNA; gi|333805595|ref|NM\_152652.2| Homo sapiens zinc finger protein 48 (ZNF48), ti

PRF), interacting protein (liprin), alpha 2 (PPFIA2), transcript variant 3, mRNA; gi|333805610|ref|NM\_0

NA; gi|333805642|ref|NM\_170675.3| Homo sapiens Meis homeobox 2 (MEIS2), transcript variant c, m

erin (heart) (CDH13), transcript variant 1, mRNA; gi|333944023|ref|NM\_001220492.1| Homo sapiens

sapiens uncharacterized LOC100507173 (LOC100507173), transcript variant 1, non-coding RNA;

ain containing oxidoreductase (WVOX), transcript variant 3, mRNA;  
ansferase-like 1 (GLYATL1), transcript variant 4, mRNA;

sapiens uncharacterized LOC100506994 (LOC100506994), transcript variant 2, non-coding RNA;

sapiens uncharacterized LOC100505702 (LOC100505702), transcript variant 2, non-coding RNA; gi|3340

002.4| Homo sapiens Fc fragment of IgE, low affinity II, receptor for (CD23) (FCER2), transcript variant 1  
zinc finger 1 (Ikaros) (IKZF1), transcript variant 1, mRNA; gi|334085228|ref|NM\_001220775.1| Homo s  
sapiens uncharacterized LOC100505746 (LOC100505746), transcript variant 3, non-coding RNA; gi|3340  
1| Homo sapiens cyclin-dependent kinase inhibitor 1A (p21, Cip1) (CDKN1A), transcript variant 2, mRNA;

2307.1| Homo sapiens pitrilysin metalloproteinase 1 (PITRM1), nuclear gene encoding mitochondrial pro  
A2R), transcript variant 1, mRNA;

12317.1| Homo sapiens mitogen-activated protein kinase kinase kinase 13 (MAP3K13), transcript variant

; gi|334191686|ref|NM\_014368.4| Homo sapiens LIM homeobox 6 (LHX6), transcript variant 1, mRNA;

TEKT4P2), transcript variant 1, non-coding RNA;

\_078488.1| Homo sapiens vanin 2 (VNN2), transcript variant 2, mRNA; gi|301129257|ref|NR\_034173.1  
mo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 39A (DDX39A), transcript variant 3, non-coding RN/  
ens ubiquitin carboxyl-terminal hydrolase L5 (UCHL5), transcript variant 4, mRNA; gi|312922358|ref|NM

en family D, 4B (MAGED4B), transcript variant 2, mRNA; gi|334358864|ref|NM\_177537.2| Homo sapie  
\_038343.1| Homo sapiens MAGI2 antisense RNA 3 (non-protein coding) (MAGI2-AS3), transcript variant

natural cytotoxicity triggering receptor 1 (NCR1), transcript variant 4, mRNA; gi|224586782|ref|NM\_00  
sapiens uncharacterized LOC100505783 (LOC100505783), transcript variant 3, non-coding RNA;

rotein beta 1 (SIRPB1), transcript variant 2, mRNA;

iens anaphase promoting complex subunit 13 (ANAPC13), transcript variant 3, mRNA;  
AP), transcript variant 3, mRNA;

sapiens DCP2 decapping enzyme homolog (S. cerevisiae) (DCP2), transcript variant 3, non-coding RNA;

mo sapiens calcium channel flower domain containing 1 (CACFD1), transcript variant 4, mRNA; gi|33468

it variant 3, mRNA; gi|334724456|ref|NM\_001242394.1| Homo sapiens synaptotagmin-like 3 (SYTL3), t

R20), transcript variant 7, mRNA; gi|334848131|ref|NM\_181308.2| Homo sapiens WD repeat domain 2

rowth factor receptor-bound protein 7 (GRB7), transcript variant 3, mRNA; gi|334883156|ref|NM\_0053

anscript variant 2, mRNA; gi|334883169|ref|NM\_181879.2| Homo sapiens leukocyte immunoglobulin-

290.2| Homo sapiens mahogunin ring finger 1, E3 ubiquitin protein ligase (MGRN1), transcript variant 3,  
transcript variant 2, mRNA;

HR), transcript variant 6, mRNA; gi|335057507|ref|NM\_001242399.2| Homo sapiens growth hormone I

RNA;

NM\_032192.3| Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 1B (PPP1R1B), trans

anscript variant 5, mRNA; gi|335057545|ref|NM\_001242472.1| Homo sapiens zinc finger protein 345 (Z

3| Homo sapiens bromodomain and WD repeat domain containing 1 (BRWD1), transcript variant 2, mR

.6| Homo sapiens par-3 partitioning defective 3 homolog B (C. elegans) (PARD3B), transcript variant c, n  
ot variant 2, mRNA; gi|33519431|ref|NM\_003330.2| Homo sapiens thioredoxin reductase 1 (TXNRD1),

946|ref|NM\_001242484.1| Homo sapiens eukaryotic translation initiation factor 1A domain containing

, transcript variant 2, mRNA;

1| Homo sapiens family with sequence similarity 156, member A (FAM156A), transcript variant 8, mRNA/  
MIF4GD), transcript variant 2, mRNA; gi|335334994|ref|NM\_001242500.1| Homo sapiens MIF4G doma

Homo sapiens N(alpha)-acetyltransferase 20, NatB catalytic subunit (NAA20), transcript variant 1, mRN

pt variant 2, non-coding RNA;

sapiens uncharacterized LOC100507605 (LOC100507605), transcript variant 2, non-coding RNA;  
yronine, type II (DIO2), transcript variant 2, mRNA; gi|335883180|ref|NM\_013989.4| Homo sapiens de  
g protein-like 1A (OSBPL1A), transcript variant 3, mRNA;

in binding protein, 2B (CORO2B), transcript variant 3, mRNA;

\_001242524.1| Homo sapiens major histocompatibility complex, class II, DP alpha 1 (HLA-DPA1), transci

o sapiens anaphase promoting complex subunit 16 (ANAPC16), transcript variant 6, non-coding RNA; gi|:

311.3 | Homo sapiens major facilitator superfamily domain containing 11 (MFSD11), transcript variant 5

M\_004834.4 | Homo sapiens mitogen-activated protein kinase kinase kinase kinase 4 (MAP4K4), transcri

Homo sapiens triggering receptor expressed on myeloid cells 1 (TREM1), transcript variant 1, mRNA;

sapiens uncharacterized LOC100506779 (LOC100506779), transcript variant 4, non-coding RNA; gi|336:

rotein 147 (TMEM147), transcript variant 2, mRNA;  
sapiens uncharacterized LOC100506054 (LOC100506054), transcript variant 2, non-coding RNA;

variant 3, mRNA; gi|296317275|ref|NM\_001184808.1| Homo sapiens CD99 molecule-like 2 (CD99L2),  
piens nuclear transport factor 2-like export factor 2 (NXT2), transcript variant 1, mRNA;

59.1| Homo sapiens glucose-fructose oxidoreductase domain containing 1 (GFOD1), transcript variant 5

ted (MUC4), transcript variant 1, mRNA;  
molecule 1 (NCAM1), transcript variant 1, mRNA; gi|336285437|ref|NM\_001076682.3| Homo sapiens r

830.1| Homo sapiens peptidylprolyl cis/trans isomerase, NIMA-interacting 1 (PIN1), transcript variant 3



apiens BRCA1/BRCA2-containing complex, subunit 3 (BRCC3), transcript variant 2, mRNA;

45|ref|NR\_038457.1| Homo sapiens N-ethylmaleimide-sensitive factor attachment protein, alpha (NAP 31RA), transcript variant 5, mRNA; gi|336391157|ref|NM\_001242637.1| Homo sapiens interleukin 31 r

sapiens LIM and senescent cell antigen-like domains 1 (LIMS1), transcript variant 1, mRNA; gi|30160162

A;

teinase-like 1 (AHCYL1), transcript variant 1, mRNA; gi|336455094|ref|NM\_001242673.1| Homo sapiens

14.1| Homo sapiens CBR3 antisense RNA 1 (non-protein coding) (CBR3-AS1), transcript variant 3, non-coding

NR\_038899.1| Homo sapiens DSCAM antisense RNA 1 (non-protein coding) (DSCAM-AS1), transcript variant 1

sapiens uncharacterized LOC100506409 (LOC100506409), transcript variant 2, non-coding RNA;

1, mRNA; gi|337299695|ref|NM\_001018054.2| Homo sapiens low density lipoprotein receptor-relatec

sapiens uncharacterized LOC100506229 (LOC100506229), transcript variant 3, non-coding RNA;

pendent) 1-like (MTHFD1L), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; g















M\_001242766.1 | Homo sapiens discs, large (Drosophila) homolog-associated protein 1 (DLGAP1), trans

338221682 | ref | NR\_039993.1 | Homo sapiens TMEM161B antisense RNA 1 (non-protein coding) (TMEM

ie protein 139 (TMEM139), transcript variant 3, mRNA; gi | 338221717 | ref | NM\_001242777.1 | Homo sa

large subunit (CAPN1), transcript variant 2, mRNA; gi|311893364|ref|NM\_001198869.1| Homo sapiens  
ion-coding RNA; gi|345441793|ref|NM\_001190720.2| Homo sapiens inhibitor of kappa light polypeptic

) ligase) (HLCS), transcript variant 2, mRNA; gi|338753395|ref|NM\_000411.6| Homo sapiens holocarbo  
(S. cerevisiae) (BRF1), transcript variant 7, mRNA; gi|338753407|ref|NM\_001242787.1| Homo sapiens

nt 3, mRNA;  
.1| Homo sapiens calmodulin binding transcription activator 1 (CAMTA1), transcript variant 2, mRNA; gi|

transcript variant 2, mRNA; gi|338797708|ref|NM\_001242797.1| Homo sapiens zinc finger protein 322 (Z

, transcript variant 2, mRNA; gi|338797720|ref|NM\_206894.3| Homo sapiens zinc finger protein 790 (Z

fic (BRDT), transcript variant 7, mRNA; gi|338797756|ref|NM\_001242806.1| Homo sapiens bromodom  
ANKRD6), transcript variant 1, mRNA; gi|338797778|ref|NM\_001242814.1| Homo sapiens ankyrin repe

316.1| Homo sapiens differentially expressed in FDCP 8 homolog (mouse) (DEF8), transcript variant 3, m  
sapiens uncharacterized LOC100507495 (LOC100507495), transcript variant 1, non-coding RNA;

script variant 4, mRNA; gi|338827615|ref|NM\_194359.2| Homo sapiens ring finger protein 41 (RNF41)  
sapiens uncharacterized LOC100506686 (LOC100506686), transcript variant 5, non-coding RNA; gi|3388  
.193267.2| Homo sapiens sirtuin 5 (SIRT5), transcript variant 3, mRNA;

sapiens uncharacterized LOC100131089 (LOC100131089), transcript variant 4, non-coding RNA; gi|3388

5 (ELOVL5), transcript variant 2, mRNA; gi|338827649|ref|NM\_001242830.1| Homo sapiens ELOVL fat  
sapiens uncharacterized LOC100287616 (LOC100287616), transcript variant 2, non-coding RNA; gi|3388

NDRG4), transcript variant 5, mRNA; gi|194440721|ref|NM\_001130487.1| Homo sapiens NDRG family

VF195), transcript variant 2, mRNA; gi|338827703|ref|NM\_001130520.2| Homo sapiens zinc finger pro

04), transcript variant 2, mRNA; gi|338827737|ref|NR\_040087.1| Homo sapiens SET domain containing

sapiens ADP-ribosylation factor interacting protein 2 (ARFIP2), transcript variant 3, mRNA; gi|338827745

51.1| Homo sapiens protein kinase, cAMP-dependent, catalytic, beta (PRKACB), transcript variant 8, mRNA;  
X disulfide-thiol exchanger 1 (ENOX1), transcript variant 2, mRNA;

arginine methyltransferase 2 (PRMT2), transcript variant 5, mRNA; gi|338968838|ref|NM\_206962.2| H

nscript variant 1, mRNA;

variant 2, mRNA;

mber 1 (SLAIN1), transcript variant 4, mRNA; gi|338968865|ref|NM\_001242871.1| Homo sapiens SLAIN

ng 3 (KLHDC3), transcript variant 1, mRNA;

ariant 3, mRNA; gi|75709225|ref|NM\_001033581.1| Homo sapiens protein kinase C, zeta (PRKCZ), tran

sapiens elongation protein 2 homolog (S. cerevisiae) (ELP2), transcript variant 2, mRNA; gi|338968889|r

piens carbohydrate kinase domain containing (CARKD), transcript variant 4, mRNA; gi|338968902|ref|N

NM\_000790.3| Homo sapiens dopa decarboxylase (aromatic L-amino acid decarboxylase) (DDC), transc

o sapiens cold shock domain containing E1, RNA-binding (CSDE1), transcript variant 2, mRNA; gi|338968

PLTP), transcript variant 2, mRNA; gi|339275809|ref|NM\_001242921.1| Homo sapiens phospholipid tra

, transcript variant 1, mRNA; gi|339275846|ref|NM\_001242927.1| Homo sapiens zinc finger protein 41

i864|ref|NM\_133450.3| Homo sapiens ankyrin repeat and sterile alpha motif domain containing 3 (ANK

anchor protein 1 (AKAP1), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;

E1), transcript variant 3, non-coding RNA; gi|339275994|ref|NR\_040243.1| Homo sapiens metallophos

9276004|ref|NM\_001242908.1| Homo sapiens R-spondin 1 (RSPO1), transcript variant 2, mRNA;

i|339276011|ref|NM\_001005417.2| Homo sapiens UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase

sapiens zinc finger with KRAB and SCAN domains 3 (ZKSCAN3), transcript variant 1, mRNA;

DC5), transcript variant 4, mRNA; gi|339276031|ref|NM\_001136029.2| Homo sapiens DEP domain coi

sapiens protein phosphatase 6, regulatory subunit 2 (PPP6R2), transcript variant 3, mRNA; gi|339276040

pe domain 6 (ZFAND6), transcript variant 9, mRNA; gi|339276062|ref|NM\_001242912.1| Homo sapien

i|NM\_182932.1| Homo sapiens solute carrier family 8 (sodium/calcium exchanger), member 3 (SLC8A3)



tein) (NIN), transcript variant 2, mRNA; gi|291167746|ref|NM\_016350.4| Homo sapiens ninein (GSK3B

endymin related protein 1 (zebrafish) (EPDR1), transcript variant 1, mRNA;

iated kinase (MAK), transcript variant 2, mRNA;

ie (PARN), transcript variant 2, mRNA;

omo sapiens v-akt murine thymoma viral oncogene homolog 2 (AKT2), transcript variant 2, mRNA;

A7), transcript variant 3, mRNA; gi|340007411|ref|NR\_040448.1| Homo sapiens solute carrier family 7

gi|340139837|ref|NM\_001544.4| Homo sapiens intercellular adhesion molecule 4 (Landsteiner-Wiener

omo sapiens E74-like factor 5 (ets domain transcription factor) (ELF5), transcript variant 2, mRNA; gi|382  
RNA; gi|340545541|ref|NM\_202003.2| Homo sapiens forkhead box M1 (FOXM1), transcript variant 3, r  
;

o sapiens neurotrophic tyrosine kinase, receptor, type 3 (NTRK3), transcript variant 4, mRNA; gi|340745

nscript variant 3, non-coding RNA; gi|340805843|ref|NM\_002503.4| Homo sapiens nuclear factor of ka  
f|NM\_001243120.1| Homo sapiens S-phase kinase-associated protein 2, E3 ubiquitin protein ligase (SKF

01193427.1 | Homo sapiens suppressor of variegation 3-9 homolog 2 (Drosophila) (SUV39H2), transcript

iens phosphofurin acidic cluster sorting protein 2 (PACS2), transcript variant 2, mRNA;  
ariant 3, mRNA;  
s phosphodiesterase 4C, cAMP-specific (PDE4C), transcript variant 3, mRNA; gi|341604763|ref|NM\_000  
ariant 1, mRNA; gi|341604767|ref|NM\_001243130.1| Homo sapiens ribosomal protein L13 (RPL13), tra  
i|341823666|ref|NM\_177529.2| Homo sapiens sulfotransferase family, cytosolic, 1A, phenol-preferring  
10.1| Homo sapiens pellino E3 ubiquitin protein ligase family member 3 (PELI3), transcript variant 2, mR  
ens sterile alpha motif domain containing 4A (SAMD4A), transcript variant 3, mRNA;  
iens nucleolar and spindle associated protein 1 (NUSAP1), transcript variant 2, mRNA; gi|341865557|re  
41865576|ref|NM\_002533.3| Homo sapiens nuclear VCP-like (NVL), transcript variant 1, mRNA;

DICTED: Homo sapiens hypothetical LOC100506913, transcript variant 1 (LOC100506913), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100653130, transcript variant 1 (LOC100653130), miscRNA;  
apiens cadherin-23-like, transcript variant 4 (LOC100653137), mRNA; gi|341913681|ref|XM\_00340362

DICTED: Homo sapiens hypothetical LOC100506167, transcript variant 3 (LOC100506167), miscRNA; gi|:

ns hypothetical LOC100506675, transcript variant 1 (LOC100506675), miscRNA;

DICTED: Homo sapiens hypothetical LOC100506869, transcript variant 2 (LOC100506869), miscRNA; gi|:

2 (TPTE2P2), miscRNA;

DICTED: Homo sapiens hypothetical LOC100506412 (LOC100506412), miscRNA;

DICTED: Homo sapiens hypothetical LOC100506792, transcript variant 2 (LOC100506792), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100508892, transcript variant 1 (LOC100508892), miscRNA;

A;

DICTED: Homo sapiens hypothetical LOC100507520, transcript variant 2 (LOC100507520), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100507353, transcript variant 1 (LOC100507353), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100506694, transcript variant 6 (LOC100506694), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100505794, transcript variant 1 (LOC100505794), miscRNA; gi|:



DICTED: Homo sapiens hypothetical LOC100129268, transcript variant 2 (LOC100129268), miscRNA; gi|:

; gi|341914299|ref|XM\_003403729.1| PREDICTED: Homo sapiens signal-regulatory protein beta-1 isofc

ium binding domain 8 (EFCAB8), mRNA;

DICTED: Homo sapiens hypothetical LOC100505663, transcript variant 2 (LOC100505663), miscRNA; gi|:

100505735 (LOC100505735), miscRNA;

DICTED: Homo sapiens hypothetical LOC100653336, transcript variant 3 (LOC100653336), miscRNA;

DICTED: Homo sapiens hypothetical LOC100507039, transcript variant 1 (LOC100507039), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100507082, transcript variant 2 (LOC100507082), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100506791, transcript variant 2 (LOC100506791), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100288963, transcript variant 2 (LOC100288963), miscRNA; gi|:

etical protein FLJ37396 (FLJ37396), mRNA; gi|341914663|ref|XM\_003403796.1| PREDICTED: Homo sap

100507468 (LOC100507468), miscRNA;

ns hypothetical LOC100505913, transcript variant 2 (LOC100505913), miscRNA; gi|341915050|ref|XR\_  
100506507 (LOC100506507), miscRNA;

42.1| PREDICTED: Homo sapiens putative IQ and AAA domain-containing protein 1-like (LOC100652970,  
100506557 (LOC100506557), miscRNA;

ript variant 6 (KIAA0146), mRNA; gi|341914766|ref|XM\_003403814.1| PREDICTED: Homo sapiens KIAA/

PREDICTED: Homo sapiens hypothetical LOC100507316, transcript variant 1 (LOC100507316), miscRNA; gi|

hypothetical LOC100132249 (LOC100132249), partial miscRNA;

, miscRNA;

PREDICTED: Homo sapiens hypothetical LOC100505993, transcript variant 2 (LOC100505993), miscRNA; gi|

variant 1 (LOC100289097), mRNA; gi|341914896|ref|XM\_003403842.1| PREDICTED: Homo sapiens prote

variant 3 (LOC100507714), mRNA; gi|310124935|ref|XM\_003119292.1| PREDICTED: Homo sapiens HLA c

DICTED: Homo sapiens hypothetical LOC100506790, transcript variant 1 (LOC100506790), miscRNA; gi|:

100505829 (LOC100505829), miscRNA;

100505938 (LOC100505938), miscRNA;

100506289 (LOC100506289), miscRNA;

4794), miscRNA;

surface associated (MUC3A), mRNA; gi|341914870|ref|XM\_003403832.1| PREDICTED: Homo sapiens m

DICTED: Homo sapiens hypothetical LOC100506027, transcript variant 1 (LOC100506027), miscRNA; gi|:

100507673 (LOC100507673), miscRNA;

ICTED: Homo sapiens putative uncharacterized protein LOC65996-like (LOC100506458), miscRNA;

100506312 (LOC100506312), miscRNA;

100507507 (LOC100507507), miscRNA;

04.1 | PREDICTED: Homo sapiens immunoglobulin superfamily DCC subclass member 3-like (LOC343052)



DICTED: Homo sapiens hypothetical LOC100506642, transcript variant 1 (LOC100506642), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100294406 (LOC100294406), miscRNA;

DICTED: Homo sapiens hypothetical LOC100506076, transcript variant 3 (LOC100506076), miscRNA; gi|:

ns hypothetical LOC100507427, transcript variant 1 (LOC100507427), miscRNA;

100287329 (LOC100287329), miscRNA; gi|310124930|ref|XR\_110979.1| PREDICTED: Homo sapiens hy

RAB44, member RAS oncogene family (RAB44), mRNA;

100507642 (LOC100507642), miscRNA;

100505904 (LOC100505904), miscRNA;

1317), miscRNA;

1357), miscRNA;

100289306 (LOC100289306), miscRNA;

omain-related protein TSRM (TSRM), miscRNA;

100509105 (LOC100509105), miscRNA;

9|ref|XM\_003403538.1| PREDICTED: Homo sapiens HEAT repeat-containing protein 7A-like, transcript

ns chromosome 10 open reading frame 112 (C10orf112), mRNA;

;

DICTED: Homo sapiens hypothetical LOC100653003, transcript variant 3 (LOC100653003), miscRNA;

omo sapiens mucin 5AC, oligomeric mucus/gel-forming (MUC5AC), mRNA;

DICTED: Homo sapiens hypothetical LOC100507645, transcript variant 1 (LOC100507645), miscRNA; gi|:

100288366, transcript variant 1 (LOC100288366), miscRNA; gi|341915613|ref|XR\_132776.1| PREDICTE

DICTED: Homo sapiens hypothetical LOC100507065, transcript variant 1 (LOC100507065), miscRNA; gi|:

DICTED: Homo sapiens hypothetical LOC100128108, transcript variant 1 (LOC100128108), miscRNA; gi|

DICTED: Homo sapiens hypothetical LOC100506983, transcript variant 1 (LOC100506983), miscRNA; gi|

oathetical protein LOC100652888 (LOC100652888), mRNA; gi|341914019|ref|XR\_133116.1| PREDICTED

NA;

tein-like, transcript variant 1 (LOC729264), mRNA;

sapiens hypothetical LOC645722, transcript variant 3 (LOC645722), miscRNA; gi|310123699|ref|XR\_101

100287562, transcript variant 1 (LOC100287562), miscRNA; gi|310113083|ref|XR\_111692.1| PREDICTED  
apiens hypothetical protein LOC100507656 (LOC100507656), mRNA;

ns hypothetical LOC100506214, transcript variant 1 (LOC100506214), miscRNA;

100293744 (LOC100293744), miscRNA;



o sapiens zinc finger protein 26-like, transcript variant 3 (LOC100287515), mRNA; gi|341913860|ref|XM\_00

DICTED: Homo sapiens hypothetical LOC100506201, transcript variant 3 (LOC100506201), miscRNA; gi|:

drial-like (LOC100289186), miscRNA;

D: Homo sapiens serine/arginine-rich splicing factor 10-like (LOC100505793), mRNA; gi|310124649|ref|LOC645561), miscRNA;

DICTED: Homo sapiens hypothetical LOC100505543, transcript variant 1 (LOC100505543), miscRNA;

, mRNA; gi|341916067|ref|XM\_002344453.3| PREDICTED: Homo sapiens killer cell immunoglobulin-like

ef|NM\_001002029.3| Homo sapiens complement component 4B (Chido blood group) (C4B), mRNA;  
it 4 (LOC100507718), mRNA; gi|341916197|ref|XM\_003119326.2| PREDICTED: Homo sapiens HLA clas:  
340|ref|XR\_132516.1| PREDICTED: Homo sapiens HLA complex group 8 (HCG8), miscRNA;

miscRNA;

916277|ref|XM\_003403394.1| PREDICTED: Homo sapiens beta-glucuronidase-like protein SMA4-like, tr

ens ANO1 antisense RNA 2 (non-protein coding) (ANO1-AS2), miscRNA;

R2DS5), mRNA; gi|341916297|ref|XM\_003403402.1| PREDICTED: Homo sapiens killer cell immunoglob

mRNA; gi|341916313|ref|XM\_003403410.1| PREDICTED: Homo sapiens killer cell immunoglobulin-like  
lasmic tail, 2, transcript variant 2 (KIR2DS2), mRNA; gi|134276941|ref|NM\_012312.2| Homo sapiens ki

nily-like, transcript variant 1 (LOC645202), mRNA; gi|341916332|ref|XM\_003118473.2| PREDICTED: Hc

3 (TBC1D3), mRNA;

gen receptor alpha (PTCRA), transcript variant 4, mRNA; gi|110227623|ref|NM\_138296.2| Homo sapie

encoding mitochondrial protein, transcript variant 2, mRNA;

nscrip variant 7, mRNA; gi|341926282|ref|NM\_001243157.1| Homo sapiens TATA box binding proteir

se-bisphosphate (ALDOA), transcript variant 4, mRNA; gi|342187194|ref|NM\_184041.2| Homo sapiens

sapiens ATPase, Cu<sup>++</sup> transporting, beta polypeptide (ATP7B), transcript variant 2, mRNA;

transcript variant b, mRNA;

: variant 2, mRNA;

containing family A, member 1 (BPIFA1), transcript variant 1, mRNA;  
zyme E2I (UBE2I), transcript variant 2, mRNA; gi|342307075|ref|NM\_194261.2| Homo sapiens ubiquitin

ositol polyphosphate-5-phosphatase F (INPP5F), transcript variant 3, mRNA;

s WW domain containing adaptor with coiled-coil (WAC), transcript variant 2, non-coding RNA;

variant 3, mRNA;

;

transcript variant 2, mRNA;

accessibility complex 1 (CHRA1), transcript variant 2, non-coding RNA;

ant 2, mRNA; gi|342672019|ref|NM\_016581.4| Homo sapiens ECSIT homolog (Drosophila) (ECSIT), nucl  
38713.3| Homo sapiens nuclear factor of activated T-cells 5, tonicity-responsive (NFAT5), transcript vari

RNA; gi|308193324|ref|NM\_001197098.1| Homo sapiens protease, serine, 3 (PRSS3), transcript varian

non-coding RNA; gi|283806530|ref|NM\_001039690.3| Homo sapiens CTF8, chromosome transmission

transcript variant 2, mRNA;

ribosomal biogenesis factor 1 (PES1), transcript variant 2, non-coding RNA;

iant 4, mRNA; gi|342672076|ref|NM\_001243236.1| Homo sapiens transcription factor 4 (TCF4), transc

notif protein 39 (RBM39), transcript variant 3, mRNA; gi|342837694|ref|NR\_040723.1| Homo sapiens f  
ajor basic protein) (PRG2), transcript variant 1, mRNA;

6.3| Homo sapiens leucine proline-enriched proteoglycan (leprecan) 1 (LEPRE1), transcript variant 1, mRNA

0.2| Homo sapiens nitrogen permease regulator-like 3 (S. cerevisiae) (NPRL3), transcript variant 1, mRNA

actor (HINFP), transcript variant 3, mRNA;

f|NM\_024021.3| Homo sapiens membrane-spanning 4-domains, subfamily A, member 4A (MS4A4A), tr

cript variant 2, mRNA;

, non-coding RNA; gi|343098507|ref|NM\_032153.5| Homo sapiens Zic family member 4 (ZIC4), transcri

|ref|NM\_001243270.1| Homo sapiens contactin 5 (CNTN5), transcript variant 2, mRNA;

763|ref|NR\_023316.2| Homo sapiens acyl-CoA synthetase family member 3 (ACSF3), transcript variant

iens activated leukocyte cell adhesion molecule (ALCAM), transcript variant 2, mRNA; gi|343168771|ref

d 3 (PVRL3), transcript variant 1, mRNA;

variant 2, mRNA;

um lectin 1 (ERLEC1), transcript variant 3, mRNA;

transcript 1E (RAET1E), transcript variant 2, mRNA; gi|343183388|ref|NM\_001243328.1| Homo sapien:

ens seizure related 6 homolog (mouse)-like 2 (SEZ6L2), transcript variant 5, mRNA; gi|343183397|ref|N

erevisiae) (SEC13), transcript variant 2, mRNA; gi|210032741|ref|NR\_024273.1| Homo sapiens SEC13 l

element modulator (CREM), transcript variant 2, mRNA; gi|34335215|ref|NM\_182772.1| Homo sapiens

-type containing 8 (ZMYND8), transcript variant 1, mRNA;

ily 35, member C2 (SLC35C2), transcript variant 2, mRNA;

nRNA; gi|343403786|ref|NM\_001025158.2| Homo sapiens CD74 molecule, major histocompatibility cc

onent 1 (PSPC1), transcript variant 1, mRNA;

d HIN domain family, member 1 (PYHIN1), transcript variant 3, mRNA; gi|343432577|ref|NM\_198928.4  
;2587|ref|NM\_001243386.1| Homo sapiens parvin, beta (PARVB), transcript variant 4, mRNA;

variant 3, mRNA; gi|343432608|ref|NM\_016615.4| Homo sapiens solute carrier family 6 (neurotransm

n 2 (GLRX2), transcript variant 3, mRNA;

13A (KIF13A), transcript variant 2, mRNA; gi|343478157|ref|NM\_001105568.2| Homo sapiens kinesin f  
43478200|ref|NM\_001243438.1| Homo sapiens sperm antigen with calponin homology and coiled-coil

1895.2| Homo sapiens ubiquitin associated and SH3 domain containing A (UBASH3A), transcript variant  
annel, voltage-sensitive 3 (CLCN3), transcript variant c, mRNA; gi|343478296|ref|NM\_001829.3| Hom

vate isomerase (putative) (HYI), transcript variant 4, mRNA;

related receptor gamma (ESRRG), transcript variant 10, mRNA; gi|343780859|ref|NM\_001243513.1| H

g kinase 1 like (PDIK1L), transcript variant 3, mRNA;  
n 65 (ANKRD65), transcript variant 2, mRNA;

ha (IL15RA), transcript variant 5, non-coding RNA; gi|377520150|ref|NM\_001256765.1| Homo sapiens

dolichyl diphosphate synthase (DHDDS), transcript variant 1, mRNA; gi|343790879|ref|NM\_001243565

64|ref|NM\_001195014.2| Homo sapiens CD4 molecule (CD4), transcript variant 2, mRNA; gi|3437909  
LIM domain only 3 (rhombotin-like 2) (LMO3), transcript variant 5, mRNA; gi|343790978|ref|NM\_0012  
368|ref|NM\_001105663.2| Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 7  
zinc finger protein 161 homolog (mouse) (ZFP161), transcript variant 1, mRNA; gi|343962590|ref|NM\_  
978|ref|NR\_027179.1| Homo sapiens C17orf76 antisense RNA 1 (non-protein coding) (C17orf76-AS1), t  
ated to SRC, FGR, YES (FYN), transcript variant 2, mRNA;

riant 3, mRNA; gi|344030200|ref|NR\_045020.1| Homo sapiens LETM1 domain containing 1 (LETMD1),  
iber RAS oncogene family (RAB6A), transcript variant 1, mRNA; gi|344030203|ref|NM\_001243719.1| H

Homo sapiens SET domain and mariner transposase fusion gene (SETMAR), transcript variant 3, non-coc  
transcript variant 2, mRNA; gi|344030218|ref|NM\_001243726.1| Homo sapiens testis expressed 264 (1  
chromosome 3 open reading frame 55 (C3orf55), transcript variant 1, mRNA; gi|344030225|ref|NM\_0

amma (RARG), transcript variant 1, mRNA; gi|344030234|ref|NM\_001243730.1| Homo sapiens retinoic

i.2| Homo sapiens paxillin (PXN), transcript variant 2, mRNA;

AB GTPase activating protein 1-like (RABGAP1L), transcript variant 4, mRNA; gi|344217731|ref|NM\_001

ns Fanconi anemia, complementation group C (FANCC), transcript variant 1, mRNA;

romosome 7 open reading frame 49 (C7orf49), transcript variant 1, mRNA; gi|344217764|ref|NM\_0012

nRNA;

on factor 3-like 4 (BTF3L4), transcript variant 3, mRNA;

1| Homo sapiens family with sequence similarity 178, member A (FAM178A), transcript variant 2, mRNA/  
\_045034.1| Homo sapiens anterior pharynx defective 1 homolog A (C. elegans) (APH1A), transcript varia  
\_001243774.1| Homo sapiens guanine nucleotide binding protein (G protein), gamma 2 (GNG2), transcri  
in binding 1 (LIMA1), transcript variant 2, mRNA; gi|165905588|ref|NM\_001113546.1| Homo sapiens L

ranscript variant 2, mRNA;

CEP57), transcript variant 2, mRNA;

780.1| Homo sapiens family with sequence similarity 213, member A (FAM213A), transcript variant 4, m

ns phosphodiesterase 2A, cGMP-stimulated (PDE2A), transcript variant 2, mRNA; gi|344925848|ref|NM  
ating gene 2 (RAG2), transcript variant 4, mRNA;

A; gi|344925866|ref|NM\_014311.2| Homo sapiens single-strand-selective monofunctional uracil-DNA ξ  
l| Homo sapiens carbohydrate (chondroitin 4) sulfotransferase 12 (CHST12), transcript variant 3, mRNA;

mily, member 1 (TSC22D1), transcript variant 1, mRNA; gi|345090980|ref|NM\_001243797.1| Homo sa

C4H2 domain containing (ZC4H2), transcript variant 5, non-coding RNA; gi|345091005|ref|NM\_001243:



g mitochondrial protein, transcript variant 2, mRNA;  
M\_001076683.1 | Homo sapiens upstream binding transcription factor, RNA polymerase I (UBTF), transc  
transcript variant 6, mRNA; gi|345197254|ref|NM\_199361.2 | Homo sapiens tumor protein D52-like 2  
ariant 1, mRNA; gi|345197211|ref|NM\_001204160.2 | Homo sapiens sphingosine kinase 2 (SPHK2), tran  
pt variant 2, mRNA;  
nsity lipoprotein binding protein (HDLBP), transcript variant 2, mRNA;  
41757|ref|NM\_001243926.1 | Homo sapiens mitogen-activated protein kinase-activated protein kinase  
nember 2A (KIF2A), transcript variant 1, mRNA; gi|345441816|ref|NM\_001243952.1 | Homo sapiens kir  
\_001243962.1 | Homo sapiens major histocompatibility complex, class II, DQ beta 1 (HLA-DQB1), transcri  
gi|345478665|ref|NM\_001243936.1 | Homo sapiens phosphoribosyl pyrophosphate synthetase-associat  
e, E3 ubiquitin protein ligase (NEDD4L), transcript variant a, mRNA; gi|222352087|ref|NM\_001144968.  
IF146), transcript variant 1, mRNA; gi|338827732|ref|NM\_001242851.1 | Homo sapiens ring finger prot  
ise)) (RALY), transcript variant 2, mRNA;  
mo sapiens chromosome 15 open reading frame 44 (C15orf44), transcript variant 2, non-coding RNA; gi  
ane protein 41B (TMEM41B), transcript variant 2, mRNA;  
variant 2, mRNA;  
multiple 7 (EGFL7), transcript variant 4, non-coding RNA; gi|345525414|ref|NM\_201446.2 | Homo sapie

is chromosome 12 open reading frame 53 (C12orf53), transcript variant 3, mRNA;

NA;

100128300), miscRNA;

NM\_001243975.1 | Homo sapiens protein phosphatase 3, catalytic subunit, gamma isozyme (PPP3CC), t

ref|NM\_021975.3 | Homo sapiens v-rel reticuloendotheliosis viral oncogene homolog A (avian) (RELA), t

l D-type binding-protein 1 (CCNDBP1), transcript variant 6, non-coding RNA; gi|372620343|ref|NR\_0456

ens Spi-B transcription factor (Spi-1/PU.1 related) (SPIB), transcript variant 3, mRNA; gi|345842498|ref|

factor 3 (ATF3), transcript variant 3, mRNA; gi|346223459|ref|NM\_001206486.2 | Homo sapiens activa

family member 6 (GIMAP6), transcript variant 3, mRNA;

154813196|ref|NM\_014749.3 | Homo sapiens KIAA0586 (KIAA0586), transcript variant 5, mRNA; gi|346

346644757|ref|NM\_014190.3 | Homo sapiens adducin 1 (alpha) (ADD1), transcript variant 3, mRNA;

l | Homo sapiens APEX nuclease (multifunctional DNA repair enzyme) 1 (APEX1), transcript variant 1, mR

NA; gi|346716183|ref|NM\_139351.2 | Homo sapiens bridging integrator 1 (BIN1), transcript variant 10,

|NM\_001244390.1 | Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 2 (NUDT2

++ transporting, ubiquitous (ATP2A3), transcript variant 4, mRNA; gi|346986472|ref|NM\_174955.2 | Ho

acting domain death agonist (BID), transcript variant 7, mRNA; gi|347300411|ref|NM\_001196.3| Homo

sapiens fibulin 1 (FBLN1), transcript variant C, mRNA;

variant 2, mRNA;

visiae) (IMMP2L), transcript variant 2, mRNA;

C7L2), transcript variant 2, mRNA;

014288.4| Homo sapiens integrin beta 3 binding protein (beta3-endonexin) (ITGB3BP), transcript variant  
containing 10 (ARMC10), transcript variant D, mRNA; gi|347446694|ref|NM\_001161011.2| Homo sapi

DPYSL2), transcript variant 1, mRNA;

(CHTOP), transcript variant 2, mRNA;

threonine synthase-like 2 (*S. cerevisiae*) (THNSL2), transcript variant 2, mRNA;

finger protein 36, C3H type-like 1 (ZFP36L1), transcript variant 1, mRNA;

ic acid decarboxylase (CSAD), transcript variant 3, mRNA;

sapiens FGGY carbohydrate kinase domain containing (FGGY), transcript variant 1, mRNA;

g B (*S. cerevisiae*) (RAD23B), transcript variant 1, mRNA;

1B), transcript variant 1, mRNA;

A; gi|348605230|ref|NM\_001244814.1| Homo sapiens forkhead box P1 (FOXP1), transcript variant 7, n  
ein 3 (TNIP3), transcript variant 1, mRNA;

M55), transcript variant 4, mRNA; gi|34878835|ref|NM\_184085.1| Homo sapiens tripartite motif cont:

5, non-coding RNA; gi|349501055|ref|NM\_001114121.2| Homo sapiens checkpoint kinase 1 (CHEK1), ti

4;

06|ref|NM\_001244888.1| Homo sapiens ArfGAP with GTPase domain, ankyrin repeat and PH domain 1

.017986.3| Homo sapiens Fc fragment of IgG, high affinity lb, receptor (CD64) (FCGR1B), transcript varia  
imidine tract binding protein 3 (PTBP3), transcript variant 3, mRNA; gi|349732185|ref|NM\_001244896

ant 2, mRNA;

ariant 1, mRNA; gi|197313712|ref|NM\_014767.2| Homo sapiens sparco/osteonectin, cwcx and kazal-like  
aining 41 (TRIM41), transcript variant 1, mRNA;

g 3 (FRMD3), transcript variant 4, mRNA; gi|350276210|ref|NM\_174938.5| Homo sapiens FERM domai  
RNA; gi|161169014|ref|NM\_001111018.1| Homo sapiens neuron navigator 2 (NAV2), transcript varian

asoactive intestinal peptide receptor 1 (VIPR1), transcript variant 2, mRNA; gi|353523864|ref|NM\_001577960|ref|NM\_001251888.1| Homo sapiens alveolar soft part sarcoma chromosome region, candidat

!| Homo sapiens nuclear receptor subfamily 1, group H, member 3 (NR1H3), transcript variant 2, mRNA;

g 2 (APPL2), transcript variant 1, mRNA; gi|353731085|ref|NM\_001251905.1| Homo sapiens adaptor p

rs RAP1B, member of RAS oncogene family (RAP1B), transcript variant 3, mRNA; gi|354459351|ref|NM\_

15595.3| Homo sapiens Rho guanine nucleotide exchange factor (GEF) 26 (ARHGEF26), transcript variant

), transcript variant 6, mRNA; gi|354623075|ref|NM\_001251983.1| Homo sapiens RCAN family membe  
354548825|ref|NM\_001206671.2| Homo sapiens resistance to inhibitors of cholinesterase 3 homolog (I  
2902.4| Homo sapiens solute carrier family 30 (zinc transporter), member 5 (SLC30A5), transcript varian  
ipt variant 3, antisense RNA;

ter-alpha-trypsin inhibitor heavy chain 1 (ITIH1), transcript variant 2, mRNA; gi|354681977|ref|NM\_00:  
replication inhibitor (GMNN), transcript variant 1, mRNA; gi|354681982|ref|NM\_001251990.1| Homo

APOLA), transcript variant 2, mRNA;

2), transcript variant 1, mRNA;

(SPAG9), transcript variant 1, mRNA; gi|354681994|ref|NM\_001251971.1| Homo sapiens sperm associ  
kinase (PRKA) interacting protein 1 (AKIP1), transcript variant 2, mRNA; gi|331284157|ref|NM\_001206  
256022.1| Homo sapiens triadin (TRDN), transcript variant 5, mRNA; gi|365192557|ref|NM\_00125602C  
, transcript variant 2, mRNA;

(TOR2A), transcript variant 1, mRNA; gi|354721136|ref|NM\_130459.3| Homo sapiens torsin family 2, r  
NA; gi|354721152|ref|NM\_002420.5| Homo sapiens transient receptor potential cation channel, subf:

, member RAS oncogene family (RAB5B), transcript variant 3, mRNA;

ember RAS oncogene family (RAB5C), transcript variant 2, mRNA;

vacuolar protein sorting 13 homolog B (yeast) (VPS13B), transcript variant 5, mRNA; gi|119874214|ref|I

ef|NM\_001252051.1| Homo sapiens protein-L-isoaspartate (D-aspartate) O-methyltransferase (PCMT1),

mber 3 regulator 2 (SLC9A3R2), transcript variant 3, mRNA; gi|355330266|ref|NM\_004785.5| Homo sa  
idase 15 (USP15), transcript variant 1, mRNA;

homolog (MRAS), transcript variant 4, mRNA; gi|355390290|ref|NM\_001252090.1| Homo sapiens mu

21B (KIF21B), transcript variant 3, mRNA; gi|355390329|ref|NM\_017596.3| Homo sapiens kinesin famil

sapiens PAS domain containing serine/threonine kinase (PASK), transcript variant 2, mRNA; gi|3554772

460959|ref|NR\_045492.1| Homo sapiens LSM1 homolog, U6 small nuclear RNA associated (S. cerevisia

\_001252151.1| Homo sapiens solute carrier family 39 (zinc transporter), member 9 (SLC39A9), transcrip

some 9 open reading frame 24 (C9orf24), transcript variant 2, mRNA; gi|22219472|ref|NM\_032596.3|

ript variant 1, mRNA;

!| Homo sapiens calcium channel, voltage-dependent, beta 1 subunit (CACNB1), transcript variant 3, mR

ript variant 1, mRNA;

| Homo sapiens family with sequence similarity 69, member A (FAM69A), transcript variant 5, mRNA; gi  
RNA; gi|356582458|ref|NM\_001252275.1| Homo sapiens UDP glucuronosyltransferase 2 family, polyp

134304839|ref|NM\_014809.3| Homo sapiens KIAA0319 (KIAA0319), transcript variant 1, mRNA; gi|2714, mRNA; gi|356640201|ref|NM\_004293.4| Homo sapiens guanine deaminase (GDA), transcript variant

n 4, type 1, R-cadherin (retinal) (CDH4), transcript variant 3, mRNA;

|ref|NM\_017528.4| Homo sapiens Williams Beuren syndrome chromosome region 22 (WBSR22), tran

C), transcript variant 3, non-coding RNA;

ein 1 (TNIP1), transcript variant 4, mRNA; gi|356874795|ref|NM\_001252392.1| Homo sapiens TNFAIP3

mRNA; gi|357430781|ref|NM\_001252511.1| Homo sapiens sterol O-acyltransferase 1 (SOAT1), nuclea

, mRNA;

nt variant 3, mRNA; gi|357933592|ref|NM\_007112.4| Homo sapiens thrombospondin 3 (THBS3), transc

nsript variant 2, mRNA; gi|357933601|ref|NM\_001252612.1| Homo sapiens zinc finger protein 638 (Z

NM\_001252617.1| Homo sapiens lipocalin 1 (LCN1), transcript variant 2, mRNA;

|NM\_006209.4| Homo sapiens ectonucleotide pyrophosphatase/phosphodiesterase 2 (ENPP2), transcr

.370|ref|NM\_001112801.1| Homo sapiens solute carrier family 8 (sodium/calcium exchanger), member

aptor, beta (THRB), transcript variant 1, mRNA; gi|358001055|ref|NM\_001128176.2| Homo sapiens thy

e (URI1), transcript variant 4, non-coding RNA;

is ubiquitously-expressed, prefoldin-like chaperone (UXT), transcript variant 4, non-coding RNA; gi|3580

iant 1, mRNA; gi|358030282|ref|NM\_001252652.1| Homo sapiens solute carrier family 1 (glial high aff

\_045563.1| Homo sapiens GULP, engulfment adaptor PTB domain containing 1 (GULP1), transcript varia

nt 2, mRNA; gi|358248199|ref|NM\_032501.3| Homo sapiens acyl-CoA synthetase short-chain family m

198799.2| Homo sapiens activating signal cointegrator 1 complex subunit 1 (ASCC1), transcript variant 1

), transcript variant 2, mRNA; gi|358248285|ref|NR\_045566.1| Homo sapiens Bardet-Biedl syndrome 4

nt variant 1, mRNA; gi|358356395|ref|NM\_001253379.1| Homo sapiens ribosomal protein L15 (RPL15)

L177641.2| Homo sapiens dystroglycan 1 (dystrophin-associated glycoprotein 1) (DAG1), transcript varia

nRNA; gi|358438174|ref|NM\_006614.3| Homo sapiens cell adhesion molecule with homology to L1CAM

osphate synthase 1 (ISYNA1), transcript variant 6, non-coding RNA; gi|283135174|ref|NM\_016368.4| H



unction protein 2 (zona occludens 2) (TJP2), transcript variant 2, mRNA; gi|282165803|ref|NM\_001170

.BB2IP), transcript variant 4, mRNA; gi|358679317|ref|NM\_001253699.1| Homo sapiens erbb2 interact

sapiens kringle containing transmembrane protein 2 (KREMEN2), transcript variant 4, mRNA; gi|359275  
no sapiens relaxin/insulin-like family peptide receptor 1 (RXFP1), transcript variant 9, non-coding RNA; g

nt 3, mRNA;

ptor RNA activator 1 (SRA1), transcript variant 1, mRNA; gi|359338965|ref|NR\_045587.1| Homo sapier

rotein arginine methyltransferase 1 (PRMT1), transcript variant 4, mRNA; gi|359338974|ref|NM\_001536  
g RNA;

transcript variant 6, mRNA; gi|120952913|ref|NM\_001079907.1| Homo sapiens zinc finger protein 331 (Z

heat-containing protein C10orf93-like (LOC100506209), mRNA;  
zed LOC440335 (LOC440335), transcript variant 3, mRNA; gi|359385729|ref|NM\_001253794.1| Homo

5545|ref|NM\_024531.4| Homo sapiens solute carrier family 52, riboflavin transporter, member 2 (SLC

inyltransferase 14 (GalNAc-T14) (GALNT14), transcript variant 2, mRNA; gi|359465584|ref|NM\_001253  
29.1| Homo sapiens protein tyrosine phosphatase domain containing 1 (PTPDC1), transcript variant 3, n

253849.1| Homo sapiens V-set domain containing T cell activation inhibitor 1 (VTCN1), transcript varian  
AG6), transcript variant 2, mRNA; gi|359718954|ref|NM\_001253855.1| Homo sapiens sperm associat

omo sapiens meiotic nuclear divisions 1 homolog (S. cerevisiae) (MND1), transcript variant 3, non-codin  
t 3, mRNA; gi|359718984|ref|NM\_139312.2| Homo sapiens YME1-like 1 (S. cerevisiae) (YME1L1), nucle

member C2 (dihydrodiol dehydrogenase 2; bile acid binding protein; 3-alpha hydroxysteroid dehydrogenase decarboxylase 1 (UXS1), transcript variant 2, mRNA; gi|359751461|ref|NM\_001253875.1| Homo sapiens unit 27 (MED27), transcript variant 3, mRNA;

Homo sapiens mesoderm specific transcript homolog (mouse) (MEST), transcript variant 3, mRNA; gi|359806881|ref|NM\_001253908.1| Homo sapiens adaptor-related protein complex 4, beta 1 subunit (AP4B1), transcript variant 3, mRNA type II) (AKR1C3), transcript variant 3, mRNA; gi|359806989|ref|NM\_001253912.1| Homo sapiens TBC1 (tre-2/USP6, BUB2, cdc16) domain family, member 1 (TBC

binding protein C, slow type (MYBPC1), transcript variant 4, mRNA; gi|360039216|ref|NM\_001254718.1| Homo sapiens

7.1| Homo sapiens adaptor-related protein complex 4, sigma 1 subunit (AP4S1), transcript variant 4, mRNA;

2, mRNA; gi|361050349|ref|NM\_001254732.1| Homo sapiens sperm antigen with calponin homology domain

transcript variant 1, mRNA;

transcript variant 1, mRNA;

transcript variant 3, mRNA;

Homo sapiens brain expressed, associated with NEDD4, 1 (BEAN1), transcript variant 1, mRNA; gi|363000014|ref|NM\_001137606.1| Homo sapiens parvin, gamma (PARVG), transcript variant 3,

-protein signaling 5 (RGS5), transcript variant 1, mRNA; gi|363001422|ref|NM\_001195303.2| Homo sapiens t 1, mRNA; gi|363498931|ref|NR\_045639.1| Homo sapiens ubiquinol-cytochrome c reductase binding protein, transcript variant 3, mRNA; gi|363543311|ref|NR\_045631.1| Homo sapiens NFU1 iron-sulfur cluster 1, transcript variant 1, mRNA; gi|363543311|ref|NR\_045634.1| Homo sapiens BOLA3 antisense RNA 1 (non-protein coding) (BOLA3-AS1), transcript variant 1, mRNA; gi|363543311|ref|NR\_045638.1| Homo sapiens CD6 molecule (CD6), transcript variant 4, non-coding RNA; gi|363543311|ref|NR\_028343.1| Homo sapiens zinc finger protein 415 (ZNF4

59.1| Homo sapiens ST3 beta-galactoside alpha-2,3-sialyltransferase 4 (ST3GAL4), transcript variant 4, n  
l1, 17.3kDa (NDUFB11), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;  
tyltransferase 1 (ATAT1), transcript variant 1, mRNA;  
nt regulator of chromatin, subfamily a, containing DEAD/H box 1 (SMARCAD1), transcript variant 1, mRNA

a) (PIWIL3), transcript variant 2, mRNA; gi|364023794|ref|NM\_001008496.3| Homo sapiens piwi-like 3  
020182.4| Homo sapiens prostate transmembrane protein, androgen induced 1 (PMEPA1), transcript va

79.1| Homo sapiens cAMP responsive element binding protein 3-like 4 (CREB3L4), transcript variant 3, i

ib-family member 11 (COLEC11), transcript variant 8, mRNA; gi|364502942|ref|NM\_001255983.1| Hon

heavy chain 10, non-muscle (MYH10), transcript variant 2, mRNA;  
iMC3IP), transcript variant 6, non-coding RNA; gi|365192545|ref|NR\_045670.1| Homo sapiens PSMC3 i  
ript variant 2, mRNA;

ant 2, mRNA; gi|365192564|ref|NM\_001146261.2| Homo sapiens synaptotagmin XIV (SYT14), transcrip  
Homo sapiens patatin-like phospholipase domain containing 8 (PNPLA8), transcript variant 1, mRNA; gi|  
v\_001256023.1| Homo sapiens chloride intracellular channel 5 (CLIC5), nuclear gene encoding mitocho  
s Rho GTPase activating protein 22 (ARHGAP22), transcript variant 2, mRNA; gi|365733565|ref|NM\_00

acterized LOC729678 (LOC729678), transcript variant 2, non-coding RNA;

/E domain containing 1 (RUFY1), transcript variant 3, mRNA;  
65733615|ref|NR\_045683.1| Homo sapiens myosin IIIB (MYO3B), transcript variant 4, non-coding RNA;

s chromosome 19 open reading frame 12 (C19orf12), transcript variant 7, non-coding RNA; gi|36576759

osome 9 open reading frame 72 (C9orf72), transcript variant 3, mRNA;  
ens mannosidase, alpha, class 1B, member 1 (MAN1B1), transcript variant 3, non-coding RNA;  
iant 2, mRNA;

CSE1 chromosome segregation 1-like (yeast) (CSE1L), transcript variant 3, non-coding RNA;  
3, mRNA; gi|187830900|ref|NM\_001126116.1| Homo sapiens tumor protein p53 (TP53), transcript vari  
iens capping protein (actin filament), gelsolin-like (CAPG), transcript variant 3, mRNA;

16.1| Homo sapiens activating transcription factor 7 interacting protein 2 (ATF7IP2), transcript variant 4  
sapiens transmembrane and coiled-coil domains 1 (TMCO1), transcript variant 3, mRNA; gi|371872777

transcript variant 2, mRNA;

variant 5, non-coding RNA; gi|300388185|ref|NM\_003429.4| Homo sapiens zinc finger protein 85 (ZNF8

domain 11 (ANKRD11), transcript variant 3, mRNA; gi|371874333|ref|NM\_013275.5| Homo sapiens ank  
A; gi|371874601|ref|NM\_001256186.1| Homo sapiens sorting nexin 12 (SNX12), transcript variant 3, n

ro sapiens programmed cell death 6 interacting protein (PDCD6IP), transcript variant 2, mRNA;

.1| Homo sapiens v-raf murine sarcoma 3611 viral oncogene homolog (ARAF), transcript variant 3, mRN  
ase (ALOX5), transcript variant 2, mRNA;

achment to proteins 2 (PGAP2), transcript variant 3, non-coding RNA; gi|371940849|ref|NM\_00114543  
sapiens armadillo repeat containing, X-linked 4 (ARMCX4), transcript variant 6, non-coding RNA; gi|371

6.4| Homo sapiens ATPase, Na<sup>+</sup>/K<sup>+</sup> transporting, alpha 3 polypeptide (ATP1A3), transcript variant 1, mR  
ns DNA (cytosine-5-)-methyltransferase 3 alpha (DNMT3A), transcript variant 2, mRNA; gi|371940990|r

gi|372220202|ref|NR\_045663.3| Homo sapiens myopalladin (MYPN), transcript variant 3, non-coding R  
079|ref|NM\_001256253.1| Homo sapiens egf-like module containing, mucin-like, hormone receptor-lil  
sophila) (FLII), transcript variant 3, mRNA;

no sapiens intermediate filament tail domain containing 1 (IFITD1), transcript variant 2, mRNA; gi|2245  
, transcript variant 3, mRNA;

ox 1 (VSX1), transcript variant 1, mRNA; gi|372266155|ref|NM\_001256272.1| Homo sapiens visual syst  
variant 2, mRNA;

NM\_001005374.3| Homo sapiens leucine rich repeat and sterile alpha motif containing 1 (LRSAM1), tran

|ref|NM\_002273.3| Homo sapiens keratin 8 (KRT8), transcript variant 2, mRNA;

is nuclear factor (erythroid-derived 2)-like 2 (NFE2L2), transcript variant 2, mRNA;

ZMAT1), transcript variant 2, non-coding RNA;

ranscript variant 2, mRNA;

in, transcript variant 3, mRNA; gi|372622376|ref|NM\_021126.5| Homo sapiens mercaptopyruvate sulfi

gi|372624401|ref|NM\_021907.4| Homo sapiens dystrobrevin, beta (DTNB), transcript variant 1, mRNA; gi|372624401|ref|NM\_021907.4| Homo sapiens hydroxyprostaglandin dehydrogenase 15-(NAD) (HPGD), transcript variant 4, mRNA; gi|372624401|ref|NM\_021907.4| Homo sapiens eukaryotic translation termination factor 1 (ETF1), transcript variant 2, non-coding RNA;

transcript variant 8, non-coding RNA; gi|373251216|ref|NR\_046052.1| Homo sapiens thiamine triphosphatase 2 (TTP2), transcript variant 1, mRNA; gi|373251216|ref|NR\_046052.1| Homo sapiens thiamine triphosphatase 2, non-coding RNA;

gi|37337.1| Homo sapiens chromodomain helicase DNA binding protein 1-like (CHD1L), transcript variant 4, mRNA; gi|37337.1| Homo sapiens chromodomain helicase DNA binding protein 1-like (CHD1L), transcript variant 1, mRNA; gi|37337.1| Homo sapiens ombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain (CTD) (OSR1), transcript variant 1, mRNA; gi|37337.1| Homo sapiens ubiquitin-conjugating enzyme E2L 3 (UBE2L3), transcript variant 3, mRNA; gi|373432686|ref|NR\_028436.2| Homo sapiens ubiquitin-conjugating enzyme E2L 3 (UBE2L3), transcript variant 3, mRNA;

gi|373838715|ref|NM\_001256373.1| Homo sapiens chemokine receptor 9 (CCR9), transcript variant A, mRNA;

transcript variant 1, mRNA;

gi|373838715|ref|NM\_001256373.1| Homo sapiens chemokine receptor 9 (CCR9), transcript variant 3, mRNA; gi|373838715|ref|NM\_001256373.1| Homo sapiens chemokine receptor 9 (CCR9), transcript variant 3, mRNA;

gi|373838715|ref|NM\_001256378.1| Homo sapiens minichromosome maintenance complex binding protein (MCMBP), transcript variant 1, mRNA;

gi|373838751|ref|NM\_001256385.1| Homo sapiens leucine-rich repeat-containing protein 39 (LRRC39), transcript variant 3, mRNA; gi|373838751|ref|NM\_001256385.1| Homo sapiens leucine-rich repeat-containing protein 39 (LRRC39), transcript variant 3, mRNA;

gi|373838751|ref|NM\_001256385.1| Homo sapiens leucine-rich repeat-containing protein 39 (LRRC39), transcript variant 3, mRNA; gi|373838751|ref|NM\_001256385.1| Homo sapiens leucine-rich repeat-containing protein 39 (LRRC39), transcript variant 3, mRNA;

non-coding RNA;

8973.3| Homo sapiens MAP kinase interacting serine/threonine kinase 1 (MKNK1), transcript variant 2, mRNA; gi|373938447|ref|NM\_001256399.1| Homo sapiens

6062.3| Homo sapiens family with sequence similarity 96, member B (FAM96B), transcript variant 1, mRNA; gi|373938447|ref|NM\_001256399.1| Homo sapiens family with sequence similarity 96, member B (FAM96B), transcript variant 2, non-coding RNA;

Homo sapiens Rh family, B glycoprotein (gene/pseudogene) (RHBG), transcript variant 3, mRNA; gi|373938447|ref|NM\_001256399.1| Homo sapiens ELOVL1, transcript variant 5, non-coding RNA; gi|373938447|ref|NM\_001256399.1| Homo sapiens

tein 2 (TRAF3IP2), transcript variant 5, mRNA; gi|373938457|ref|NR\_028338.2| Homo sapiens TRAF3 in

4\_006860.4| Homo sapiens intraflagellar transport 27 homolog (Chlamydomonas) (IFT27), transcript va

|ref|NM\_001256420.1| Homo sapiens microtubule-associated protein, RP/EB family, member 2 (MAPR  
O2), transcript variant 3, mRNA; gi|374081850|ref|NM\_001256400.1| Homo sapiens beta-carotene ox  
AB18, member RAS oncogene family (RAB18), transcript variant 4, mRNA; gi|374081857|ref|NM\_001256400.1| Homo sapiens nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|344179100|ref|NM\_0

Homo sapiens 1-acylglycerol-3-phosphate O-acyltransferase 9 (AGPAT9), transcript variant 3, mRNA; gi|344179100|ref|NM\_001256400.1| Homo sapiens family with sequence similarity 91, member A2 (FAM91A2), transcript variat

ge-gated channel 1 (HVCN1), transcript variant 2, mRNA;

ns neuroblastoma breakpoint family, member 3 (NBPF3), transcript variant 4, non-coding RNA; gi|374081857|ref|NM\_001256400.1| Homo sapiens

transcript variant 10, non-coding RNA; gi|374092019|ref|NM\_006457.4| Homo sapiens PDZ and LIM dom

no sapiens chromosome 19 open reading frame 47 (C19orf47), transcript variant 1, mRNA;

sapiens zinc finger and BTB domain containing 7B (ZBTB7B), transcript variant 4, non-coding RNA; gi|374253793|ref|NM\_001256444.1| Homo sapiens

-rich transmembrane protein 2 (PRRT2), transcript variant 2, mRNA;

receptor-associated protein 31 (BCAP31), transcript variant 3, mRNA; gi|374253793|ref|NM\_001256444.1| Homo sapiens

ylate cyclase 1, soluble, alpha 3 (GUCY1A3), transcript variant 2, mRNA; gi|374253803|ref|NM\_001256444.1| Homo sapiens

1.5| Homo sapiens cleavage and polyadenylation specific factor 3-like (CPSF3L), transcript variant 2, mRNA; se 6B (KAT6B), transcript variant 2, mRNA;

001111270.2| Homo sapiens Rho guanine nucleotide exchange factor (GEF) 25 (ARHGEF25), transcript v

ot variant 3, non-coding RNA;

374429551|ref|NM\_001256477.1| Homo sapiens cytidine monophosphate (UMP-CMP) kinase 2, mitoc

ns mannosidase, alpha, class 2C, member 1 (MAN2C1), transcript variant 1, mRNA; gi|374532778|ref|N

olase 2, cytoplasmic (EPHX2), transcript variant 4, mRNA; gi|374532798|ref|NM\_001979.5| Homo sapi  
51.1| Homo sapiens FGD5 antisense RNA 1 (non-protein coding) (FGD5-AS1), transcript variant 1, non-c

32818|ref|NM\_004487.4| Homo sapiens golgin B1 (GOLGB1), transcript variant 2, mRNA;  
sapiens uncharacterized LOC100216479 (LOC100216479), transcript variant 1, non-coding RNA;  
ADM2), transcript variant 2, mRNA; gi|264681531|ref|NM\_153184.3| Homo sapiens cell adhesion mole  
BC1 domain family, member 10C (TBC1D10C), transcript variant 1, mRNA;





ariant 2, mRNA;

Homo sapiens cholinergic receptor, nicotinic, alpha 7 (neuronal) (CHRNA7), transcript variant 3, non-cod

chromosome 8 open reading frame 22 (C8orf22), transcript variant 2, mRNA; gi|375298673|ref|NM\_0  
tif containing 46 (TRIM46), transcript variant 4, mRNA; gi|375273246|ref|NM\_025058.4| Homo sapiens  
romosome 1 open reading frame 85 (C1orf85), transcript variant 1, mRNA; gi|375298700|ref|NM\_0012  
\_001256613.1| Homo sapiens 5-hydroxytryptamine (serotonin) receptor 3E, ionotropic (HTR3E), transcr

lomo sapiens tubulin, gamma complex associated protein 2 (TUBGCP2), transcript variant 4, non-coding

is chromosome 10 open reading frame 28 (C10orf28), transcript variant 2, mRNA; gi|140560993|ref|NM

e 2 (BRSK2), transcript variant 6, non-coding RNA; gi|375298745|ref|NM\_003957.3| Homo sapiens BR s  
, transcript variant 2, mRNA;

variant 1, mRNA; gi|375331891|ref|NM\_001256649.1| Homo sapiens zinc finger protein 43 (ZNF43), ti  
nember 2 (TEAD2), transcript variant 2, mRNA; gi|20070102|ref|NM\_003598.1| Homo sapiens TEA doi  
o sapiens cholinergic receptor, nicotinic, delta (muscle) (CHRNA4), transcript variant 3, non-coding RNA; g  
iant 2, mRNA;

ng 11 (PRDM11), transcript variant 1, mRNA;

ref|NM\_018972.2| Homo sapiens ganglioside induced differentiation associated protein 1 (GDAP1), tra  
ML1), transcript variant 4, mRNA; gi|375493499|ref|NM\_004809.4| Homo sapiens stomatin (EPB72)-lil  
493519|ref|NM\_001256681.1| Homo sapiens KIAA0391 (KIAA0391), transcript variant 5, mRNA; gi|37!

maternal embryonic leucine zipper kinase (MELK), transcript variant 1, mRNA; gi|375493545|ref|NM\_00  
piens chromosome 9 open reading frame 173 (C9orf173), transcript variant 4, mRNA; gi|375493562|ref  
e 3 (USP3), transcript variant 3, non-coding RNA; gi|375493564|ref|NM\_001256702.1| Homo sapiens u  
6705.1| Homo sapiens gamma-aminobutyric acid (GABA) A receptor, rho 1 (GABRR1), transcript variant

ens anaphase promoting complex subunit 10 (ANAPC10), transcript variant 9, non-coding RNA; gi|3754!  
nein, axonemal, assembly factor 3 (DNAAF3), transcript variant 3, mRNA; gi|375493596|ref|NM\_17883

L, mRNA;

3 enzyme E2, J2 (UBE2J2), transcript variant 2, mRNA; gi|37577125|ref|NM\_194315.1| Homo sapiens u

4C-type containing 16 (ZDHC16), transcript variant 4, mRNA; gi|37594454|ref|NM\_032327.2| Homo s

idase 39 (USP39), transcript variant 1, mRNA; gi|376319204|ref|NR\_046347.1| Homo sapiens ubiquitin  
319210|ref|NR\_046348.1| Homo sapiens peptidylprolyl isomerase domain and WD repeat containing 1

gle-stranded DNA binding protein 2 (SSBP2), transcript variant 4, mRNA; gi|376319233|ref|NM\_001256  
76319248|ref|NR\_046353.1| Homo sapiens ganglioside induced differentiation associated protein 1-lik

Homo sapiens CCR4-NOT transcription complex, subunit 10 (CNOT10), transcript variant 1, mRNA; gi|37

mRNA;

), transcript variant 1, mRNA;

romosome 3 open reading frame 32 (C3orf32), transcript variant 2, mRNA; gi|377520104|ref|NR\_04635

omal biogenesis factor 5-like (PEX5L), transcript variant 8, mRNA; gi|377520114|ref|NM\_001256750.1|

164419730|ref|NM\_000868.2| Homo sapiens 5-hydroxytryptamine (serotonin) receptor 2C, G protein-c

omo sapiens family with sequence similarity 49, member B (FAM49B), transcript variant 3, non-coding R

3712|ref|NM\_001256790.1| Homo sapiens calcium channel, voltage-dependent, L type, alpha 1F subun

046372.1| Homo sapiens purinergic receptor P2X, ligand-gated ion channel, 4 (P2RX4), transcript variant

046374.1| Homo sapiens MRVI1 antisense RNA 1 (non-protein coding) (MRVI1-AS1), transcript variant 1

nate receptor, metabotropic 4 (GRM4), transcript variant 1, mRNA; gi|378548219|ref|NM\_001256814.

|378744164|ref|NM\_001256826.1| Homo sapiens Paf1, RNA polymerase II associated factor, homolog

transcript variant 1, mRNA;

ensing (proton-gated) ion channel 1 (ASIC1), transcript variant 4, non-coding RNA; gi|378744188|ref|NM

transcript variant 2, mRNA;

01256837.1| Homo sapiens queuine tRNA-ribosyltransferase domain containing 1 (QTRTD1), transcript v

transcript 4, mRNA; gi|378824461|ref|NM\_001092.4| Homo sapiens active BCR-related (ABR), transcript varian

transcript variant 5, non-coding RNA; gi|378925607|ref|NR\_046396.1| Homo sapiens XIAP associated facto

ring (proton-gated) ion channel 3 (ASIC3), transcript variant 3, mRNA; gi|378925620|ref|NR\_046401.1|

Homo sapiens ring finger protein 34, E3 ubiquitin protein ligase (RNF34), transcript variant 1, mRNA;  
|ref|NR\_046402.1| Homo sapiens polymerase (DNA directed), delta 1, catalytic subunit 125kDa (POLD1  
30592|ref|NR\_046405.1| Homo sapiens thioredoxin domain containing 12 (endoplasmic reticulum) (TX  
|NM\_033637.3| Homo sapiens beta-transducin repeat containing E3 ubiquitin protein ligase (BTRC), tra

2|ref|NM\_001256879.1| Homo sapiens polymerase (DNA directed), delta 2, regulatory subunit 50kDa (

\_046409.1| Homo sapiens polymerase (DNA-directed), delta 3, accessory subunit (POLD3), transcript va  
Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 6 (DNAJC6), transcript variant 3, mRNA;

polymerase (DNA-directed), delta 4 (POLD4), transcript variant 4, non-coding RNA; gi|379056363|ref|NM

motif and ankyrin repeat domains 1 (KANK1), transcript variant 4, mRNA; gi|379056371|ref|NM\_01515

arged multivesicular body protein 1A (CHMP1A), transcript variant 3, non-coding RNA;  
no sapiens sorcin (SRI), transcript variant 4, mRNA;

omo sapiens family with sequence similarity 26, member D (FAM26D), transcript variant 2, mRNA; gi|37

CYBRD1), transcript variant 1, mRNA;

le channel, voltage-sensitive 2 (CLCN2), transcript variant 4, mRNA; gi|379642986|ref|NM\_004366.5| t

s chromosome 1 open reading frame 86 (C1orf86), transcript variant 7, non-coding RNA; gi|379643016|

ns idnK, gluconokinase homolog (E. coli) (IDNK), transcript variant 3, mRNA; gi|379317010|ref|NM\_001  
ide channel, voltage-sensitive 6 (CLCN6), transcript variant 2, mRNA;

ain containing 51 (CCDC51), transcript variant 1, mRNA; gi|379698843|ref|NM\_001256966.1| Homo s;  
apiens chromosome 12 open reading frame 32 (C12orf32), transcript variant 7, non-coding RNA; gi|380

mRNA; gi|378744172|ref|NM\_001256827.1| Homo sapiens smg-6 homolog, nonsense mediated mRN

-GLY domain containing linker protein 1 (CLIP1), transcript variant 2, mRNA;

homo sapiens caspase 1, apoptosis-related cysteine peptidase (CASP1), transcript variant gamma, mRNA; gi|380254495|ref

3) (COX14), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|380254495|ref

in ligase (ITCH), transcript variant 1, mRNA;

homo sapiens MAFF interacting protein (pseudogene) (MAFIP), transcript variant 2, non-coding RNA; gi|3804203

, transcript variant 3, non-coding RNA; gi|380422397|ref|NR\_046444.1| Homo sapiens CLR pseudogene  
number of ETS oncogene family (ELK1), transcript variant 2, mRNA;

domains 3 (CSMD3), transcript variant b, mRNA;

homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 19B (DDX19B), transcript variant 4, mRNA; gi|38

NA; gi|380503851|ref|NM\_001105208.2| Homo sapiens laminin, alpha 4 (LAMA4), transcript variant 4

l|ref|NM\_001257181.1| Homo sapiens solute carrier family 20 (phosphate transporter), member 2 (SLC20A2), transcript variant 1, mRNA;  
Da (CEP41), transcript variant 2, mRNA; gi|380692317|ref|NM\_018718.2| Homo sapiens centrosomal protein 41 (CEP41), transcript variant 2, mRNA;  
characterized LOC284260 (LOC284260), transcript variant 6, non-coding RNA; gi|380692331|ref|NR\_046451.1| Homo sapiens non-coding RNA LOC284260, transcript variant 6, non-coding RNA

factor 1 (acidic) (FGF1), transcript variant 14, mRNA; gi|380748940|ref|NM\_001257206.1| Homo sapiens fibroblast growth factor 1 (acidic) (FGF1), transcript variant 14, mRNA

II (NT5C3), transcript variant 4, mRNA; gi|380862357|ref|NM\_001002010.2| Homo sapiens 5'-nucleotidyl transferase 3 (NT5C3), transcript variant 4, mRNA

phila) (EYS), transcript variant 2, mRNA;

ens regulating synaptic membrane exocytosis 1 (RIMS1), transcript variant 3, mRNA; gi|270288797|ref|NM\_001002010.2| Homo sapiens regulating synaptic membrane exocytosis 1 (RIMS1), transcript variant 3, mRNA;  
script variant 2, non-coding RNA;

l257281.1| Homo sapiens DIS3 mitotic control homolog (S. cerevisiae)-like 2 (DIS3L2), transcript variant 1, mRNA;  
; protein 14, 22 kDa (FKBP14), transcript variant 2, non-coding RNA;

l|ref|NM\_182749.3| Homo sapiens N-6 adenine-specific DNA methyltransferase 1 (putative) (N6AMT1), transcript variant 1, mRNA

t 9, mRNA; gi|381388764|ref|NM\_001257320.1| Homo sapiens amyloid beta (A4) precursor protein-bi

script variant 1, mRNA;



ily, member 1 (ING1), transcript variant 1, mRNA; gi|38201664|ref|NM\_198218.1| Homo sapiens inhib

iac muscle (ATP5A1), nuclear gene encoding mitochondrial protein, transcript variant 3, mRNA; gi|3825

ant 4, mRNA; gi|383087755|ref|NM\_198589.2| Homo sapiens basigin (Ok blood group) (BSG), transcrip

ne monophosphate deaminase 2 (AMPD2), transcript variant 3, mRNA; gi|383209659|ref|NM\_0012573

| Homo sapiens maternally expressed 3 (non-protein coding) (MEG3), transcript variant 12, non-coding

7567|ref|NM\_198435.1| Homo sapiens aurora kinase A (AURKA), transcript variant 4, mRNA; gi|383275

acterized LOC643837 (LOC643837), transcript variant 2, non-coding RNA; gi|383276543|ref|NR\_04752

|NR\_047517.1| Homo sapiens HOX transcript antisense RNA (non-protein coding) (HOTAIR), transcript \n1), member 1 (SERPINE1), transcript variant 1, mRNA;

7531.1| Homo sapiens sialic acid binding Ig-like lectin, pseudogene 3 (SIGLECP3), transcript variant 3, nc

it 2, mRNA;

5|ref|NM\_145714.2| Homo sapiens ataxin 2-like (ATXN2L), transcript variant B, mRNA; gi|383792184|  
quitin-conjugating enzyme E2 variant 1 (UBE2V1), transcript variant 3, mRNA; gi|383842754|ref|NM\_01

er 3 (Aiolos) (IKZF3), transcript variant 3, mRNA; gi|383872631|ref|NM\_183232.2| Homo sapiens IKARF

transcript variant 1, mRNA;

sapiens hydroxysteroid (11-beta) dehydrogenase 1-like (HSD11B1L), transcript variant d, mRNA; gi|38424

prostaglandin E receptor 3 (subtype EP3) (PTGER3), transcript variant 5, mRNA; gi|38505183|ref|NM\_1

variant 3, non-coding RNA; gi|374253822|ref|NM\_001256461.1| Homo sapiens solute carrier family 12

CA), transcript variant 2, mRNA; gi|38679973|ref|NM\_198838.1| Homo sapiens acetyl-CoA carboxylase

ein 6 (RBBP6), transcript variant 2, mRNA;

2| Homo sapiens tensin like C1 domain containing phosphatase (tensin 2) (TENC1), transcript variant 1,

cript variant 2, mRNA;

sapiens Rho guanine nucleotide exchange factor (GEF) 1 (ARHGEF1), transcript variant 1, mRNA;

AES), transcript variant 1, mRNA;

gi|382545253|ref|NM\_001257330.1| Homo sapiens arrestin, beta 2 (ARRB2), transcript variant 5, mRN

3 (MGAT5B), transcript variant 1, mRNA; gi|312596904|ref|NM\_001199172.1| Homo sapiens mannosy

ike hormone (PTHLH), transcript variant 2, mRNA; gi|39995090|ref|NM\_198965.1| Homo sapiens para

orming growth factor beta regulator 4 (TBRG4), transcript variant 3, mRNA;

NM\_198954.1 | Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 1 (NUDT1), tr:

I\_199192.1 | Homo sapiens brain and reproductive organ-expressed (TNFRSF1A modulator) (BRE), trans

245.1 | Homo sapiens vesicle-associated membrane protein 1 (synaptobrevin 1) (VAMP1), transcript va



protein complex, subunit epsilon (COPE), transcript variant 1, mRNA;

), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA;

10 sapiens WW domain containing E3 ubiquitin protein ligase 2 (WWP2), transcript variant 3, mRNA;

(N1), transcript variant 1, mRNA; gi|83267860|ref|NM\_001037305.1| Homo sapiens thymocyte nuclear protein 64 homolog (mouse) (ZFP64), transcript variant 4, mRNA; gi|40806226|ref|NM\_199426.1| Homo s

s 1 (PRC1), transcript variant 2, mRNA;

o sapiens plectin (PLEC), transcript variant 10, mRNA; gi|254692903|ref|NM\_201382.2| Homo sapiens

NA; gi|68215526|ref|NM\_138939.2| Homo sapiens CD200 receptor 1 (CD200R1), transcript variant 2, i

ptor (EGFR), transcript variant 2, mRNA; gi|41327735|ref|NM\_201284.1| Homo sapiens epidermal grov

assembly factor 3 (NDUFAF3), nuclear gene encoding mitochondrial protein, transcript variant 4, mRNA

nsript variant 3, mRNA; gi|41349463|ref|NM\_199439.1| Homo sapiens PR domain containing 10 (PRD

RNA;

80kDa (DGKA), transcript variant 4, mRNA; gi|41872487|ref|NM\_201444.2| Homo sapiens diacylglycer

54.2| Homo sapiens reticulon 3 (RTN3), transcript variant 1, mRNA;

ein, transcript variant 1, mRNA;

variant d, mRNA; gi|41406077|ref|NM\_201432.1| Homo sapiens growth arrest-specific 7 (GAS7), transcr

41871945|ref|NM\_201521.1| Homo sapiens kinesin light chain 4 (KLC4), transcript variant 1, mRNA;

l|ref|NM\_016488.6| Homo sapiens periphilin 1 (PPHLN1), transcript variant 1, mRNA; gi|219842246|re

C4AP), transcript variant 1, mRNA;

!01279.1| Homo sapiens neuropilin 2 (NRP2), transcript variant 3, mRNA; gi|41872566|ref|NM\_201267

FHL2), transcript variant 5, mRNA; gi|42403574|ref|NM\_201555.1| Homo sapiens four and a half LIM d

ariant 1, mRNA;

SP33), transcript variant 1, mRNA;

ant 1, mRNA;

IPC PDZ domain containing family, member 1 (GIPC1), transcript variant 3, mRNA; gi|42544148|ref|NM

3|ref|NM\_004467.3| Homo sapiens fibrinogen-like 1 (FGL1), transcript variant 1, mRNA;

ariant 6, mRNA; gi|42544212|ref|NM\_201536.1| Homo sapiens NDRG family member 2 (NDRG2), tran:

002855.4| Homo sapiens poliovirus receptor-related 1 (herpesvirus entry mediator C) (PVRL1), transcrip

ein 8 (RBBP8), transcript variant 2, mRNA;

gma) (PDLIM7), transcript variant 2, mRNA;

ns acyl-CoA synthetase long-chain family member 5 (ACSL5), transcript variant 3, mRNA;

inhibitor 1 (RNH1), transcript variant 3, mRNA; gi|351542186|ref|NM\_203386.2| Homo sapiens ribonuc

ome 17 open reading frame 81 (C17orf81), transcript variant 1, mRNA; gi|44662831|ref|NM\_203413.1|  
ot variant 1, mRNA;

ranscript variant 5, mRNA; gi|44680127|ref|NM\_203296.1| Homo sapiens tripartite motif containing 7

|NM\_203401.1| Homo sapiens stathmin 1 (STMN1), transcript variant 1, mRNA;

ng 23 (TRIM23), transcript variant alpha, mRNA;

hormone 2 (GNRH2), transcript variant 3, mRNA;





phila) (PORCN), transcript variant A, mRNA; gi|45439330|ref|NM\_203473.1| Homo sapiens porcupine h  
LRR1), transcript variant 4, non-coding RNA; gi|45439341|ref|NM\_152329.3| Homo sapiens leucine ric

transcript variant 1, mRNA;

lomo sapiens osteoclast associated, immunoglobulin-like receptor (OSCAR), transcript variant 4, mRNA;

sapiens guanine nucleotide binding protein-like 3 (nucleolar) (GNL3), transcript variant 2, mRNA;

513000|ref|NR\_027655.1| Homo sapiens BTB and CNC homology 1, basic leucine zipper transcription f

8709.1| Homo sapiens protein phosphatase 1, catalytic subunit, alpha isozyme (PPP1CA), transcript vari

ref|NM\_206917.1| Homo sapiens nerve growth factor receptor (TNFRSF16) associated protein 1 (NGFR

0.1| Homo sapiens membrane-spanning 4-domains, subfamily A, member 7 (MS4A7), transcript variant

preferentially expressed antigen in melanoma (PRAME), transcript variant 4, mRNA; gi|46249366|ref|NI

t variant 3, mRNA;

;

3.1 | Homo sapiens v-myb myeloblastosis viral oncogene homolog (avian) (MYB), transcript variant 1, mRNA;

\_000114.2 | Homo sapiens endothelin 3 (EDN3), transcript variant 1, mRNA;

1, mRNA; gi|46370078|ref|NM\_003205.3 | Homo sapiens transcription factor 12 (TCF12), transcript variant 1, mRNA;

39551|ref|NM\_207043.1 | Homo sapiens endosulfine alpha (ENSA), transcript variant 2, mRNA; gi|4638

4-amino) (PAOX), transcript variant 1, mRNA;

ing 20 (LRRC20), transcript variant 1, mRNA;

ing regulator 1 (MBNL1), transcript variant 7, mRNA; gi|46411169|ref|NM\_207295.1| Homo sapiens m

interferon (alpha, beta and omega) receptor 2 (IFNAR2), transcript variant 2, mRNA;

| Homo sapiens ATP-binding cassette, sub-family G (WHITE), member 1 (ABCG1), transcript variant 4, m

otidase domain 15 (ADAM15), transcript variant 4, mRNA; gi|46909599|ref|NM\_207197.1| Homo sapie

gha 2 (GFRA2), transcript variant 3, mRNA;

ivision cycle 25 homolog B (S. pombe) (CDC25B), transcript variant 1, mRNA;

riant 1, mRNA; gi|47458819|ref|NM\_213662.1| Homo sapiens signal transducer and activator of transc

| Homo sapiens v-Ha-ras Harvey rat sarcoma viral oncogene homolog (HRAS), transcript variant 3, mRNA/

M13), transcript variant 1, mRNA; gi|55953111|ref|NM\_001007278.1| Homo sapiens tripartite motif c  
, transcript variant 1, mRNA;

riant 3, mRNA;

2476.1| Homo sapiens fibronectin 1 (FN1), transcript variant 5, mRNA; gi|47132548|ref|NM\_212474.1|

(PRKAR1A), transcript variant 3, mRNA; gi|47132580|ref|NM\_212471.1| Homo sapiens protein kinase,

alpha 1 polypeptide (CSNK2A1), transcript variant 3, mRNA;

\RS), transcript variant 1, mRNA; gi|47419919|ref|NM\_213646.1| Homo sapiens tryptophanyl-tRNA synthetase (TRP), transcript variant E, mRNA; gi|47419923|ref|NM\_133505.2| Homo sapiens decorin (DCN), transcript variant E, mRNA; gi|47419923|ref|NM\_133505.2| Homo sapiens decorin (DCN), transcript variant E, mRNA; gi|47419923|ref|NM\_133505.2| Homo sapiens decorin (DCN), transcript variant E, mRNA; gi|47419923|ref|NM\_133505.2| Homo sapiens decorin (DCN), transcript variant E, mRNA; MC8), transcript variant 1, mRNA;

08.2 | Homo sapiens reticulon 4 (RTN4), transcript variant 3, mRNA; gi|47519561|ref|NM\_207521.1 | H

\_001145143.1| Homo sapiens 5-hydroxytryptamine (serotonin) receptor 3D, ionotropic (HTR3D), transmembrane receptor 4 (FGFR4), transcript variant 2, mRNA;

Chromosome 20 open reading frame 132 (C20orf132), transcript variant 1, mRNA;  
rRNA;  
Protein containing, X-linked 3 (ARMCX3), transcript variant 1, mRNA;

19), transcript variant 2, mRNA;



NM\_015941.2 | Homo sapiens ATPase, H<sup>+</sup> transporting, lysosomal 50/57kDa, V1 subunit H (ATP6V1H), transcript variant 2, mRNA;

lipoprotein receptor (LSR), transcript variant 1, mRNA;  
transcript variant 2, mRNA;

2), transcript variant 3, mRNA; gi|48255878|ref|NM\_001001430.1 | Homo sapiens troponin T type 2 (c  
subfamily a, member 2 (SMARCA2), transcript variant 1, mRNA;

nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;

(Indian blood group) (CD44), transcript variant 5, mRNA; gi|321400139|ref|NM\_001202556.1 | Homo s

script variant 10, mRNA; gi|48762753|ref|NM\_001001585.1| Homo sapiens phosphodiesterase 9A (PDI

ox and WD repeat domain containing 11 (FBXW11), transcript variant 2, mRNA;

nRNA;



t 1, mRNA; gi|50263051|ref|NM\_005278.3| Homo sapiens glycoprotein M6B (GPM6B), transcript varia

e 16 (USP16), transcript variant 1, mRNA;

natological and neurological expressed 1 (HN1), transcript variant 3, mRNA;

complex, gamma polypeptide 1 (ATP5C1), nuclear gene encoding mitochondrial protein, transcript varia  
delta subunit (ATP5D), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA;

1| Homo sapiens ADP-ribosylation-like factor 6 interacting protein 4 (ARL6IP4), transcript variant 4, mR  
is anaphase promoting complex subunit 11 (ANAPC11), transcript variant 5, mRNA; gi|50409809|ref|NI

mRNA; gi|50539413|ref|NM\_001002266.1| Homo sapiens membrane-associated ring finger (C3HC4) 8

osine monophosphate reductase 2 (GMPR2), transcript variant 1, mRNA; gi|50541953|ref|NM\_001002

SH-type containing 14 (ZC3H14), transcript variant 5, mRNA; gi|231569944|ref|NM\_207660.3| Homo sa  
n 2 (KCNIP2), transcript variant 2, mRNA; gi|50557651|ref|NM\_173194.2| Homo sapiens Kv channel in

complex, subunit C1 (subunit 9) (ATP5G1), nuclear gene encoding mitochondrial protein, transcript vari

3), transcript variant 1, mRNA;

cript variant 3, mRNA;

Homo sapiens host cell factor C1 regulator 1 (XPO1 dependent) (HCFC1R1), transcript variant 2, mRNA;  
|50959109|ref|NM\_001002878.1| Homo sapiens THO complex 5 (THOC5), transcript variant 1, mRNA;

RNA;

11), transcript variant 2, mRNA; gi|51173714|ref|NM\_001003408.1| Homo sapiens actin binding LIM pr

D52L1), transcript variant 2, mRNA; gi|51173742|ref|NM\_003287.2| Homo sapiens tumor protein D52

script variant 1, mRNA;



34 (TRIM34), transcript variant 3, mRNA;

atin, subfamily d, member 3 (SMARCD3), transcript variant 2, mRNA; gi|51477703|ref|NM\_001003802.  
i 1, 37kDa) (HNRNPD), transcript variant 3, mRNA; gi|51477709|ref|NM\_031369.2| Homo sapiens hete

subunit F6 (ATP5J), nuclear gene encoding mitochondrial protein, transcript variant 3, mRNA; gi|51479:

unit d (ATP5H), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;

, mRNA; gi|51558703|ref|NM\_001003943.1| Homo sapiens Bcl2 modifying factor (BMF), transcript var  
is chromosome 11 open reading frame 49 (C11orf49), transcript variant 4, mRNA; gi|51558739|ref|NM

ndrial protein, transcript variant 1, mRNA;

id actin regulator 3 (PHACTR3), transcript variant 2, mRNA; gi|313747506|ref|NM\_001199506.1| Hom

l51882|ref|NM\_033171.1| Homo sapiens UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypep

, transcript variant 2, mRNA; gi|270288755|ref|NM\_001168389.1| Homo sapiens Cbp/p300-interactin

id receptor kinase 4 (GRK4), transcript variant 1, mRNA;

667.1 | Homo sapiens family with sequence similarity 193, member A (FAM193A), transcript variant 4, n







ref|NM\_001199562.1| Homo sapiens phospholipase A2, group VI (cytosolic, calcium-independent) (PLA  
t variant 2, mRNA;

mily D, 1 (MAGED1), transcript variant 2, mRNA;

58678|ref|NM\_001160332.1| Homo sapiens neurofascin (NFASC), transcript variant 3, mRNA; gi|2378

mRNA; gi|53729331|ref|NM\_001005415.1| Homo sapiens membrane-associated ring finger (C3HC4) 2

ndrial protein, transcript variant 2, mRNA;

nain 8 (TTC8), transcript variant 1, mRNA;





! (IQSEC2), transcript variant 3, mRNA;

0993|ref|NM\_001174051.1| Homo sapiens calcium channel, voltage-dependent, alpha 2/delta subunit

RNA;

UMB), transcript variant 3, mRNA; gi|54144624|ref|NM\_001005743.1| Homo sapiens numb homolog

irin) 3B (SEMA3B), transcript variant 2, mRNA;

\_001006624.1| Homo sapiens podoplanin (PDPN), transcript variant 3, mRNA;

\_003352.4| Homo sapiens SMT3 suppressor of mif two 3 homolog 1 (S. cerevisiae) (SUMO1), transcript

neuro/glioblastoma derived oncogene homolog (avian) (ERBB2), transcript variant 1, mRNA;

ceptor, muscarinic 2 (CHRM2), transcript variant 7, mRNA; gi|54792110|ref|NM\_001006629.1| Homo

mRNA;

ariant 1, mRNA;

rotein 5 (WBP5), transcript variant 3, mRNA; gi|55925651|ref|NM\_016303.2| Homo sapiens WW domain

s transcription elongation factor A (SII)-like 1 (TCEAL1), transcript variant 2, mRNA;

s transcription elongation factor A (SII)-like 4 (TCEAL4), transcript variant 4, mRNA;

inding protein (syntenin) (SDCBP), transcript variant 4, mRNA; gi|56243521|ref|NM\_005625.3| Homo s

cript variant 3, mRNA;

: finger and SCAN domain containing 2 (ZSCAN2), transcript variant 2, mRNA;

INAP receptor complex member 1 (GOSR1), transcript variant 1, mRNA;

ase activating protein 25 (ARHGAP25), transcript variant 4, mRNA; gi|261399906|ref|NM\_001007231.2

piens gem (nuclear organelle) associated protein 7 (GEMIN7), transcript variant 2, mRNA;

ns glycoprotein 2 (zymogen granule membrane) (GP2), transcript variant 1, mRNA; gi|56119212|ref|NM

gi|55953095|ref|NM\_001007470.1| Homo sapiens transient receptor potential cation channel, subfam

l, transcript variant 1, mRNA;

itin, subfamily b, member 1 (SMARCB1), transcript variant 1, mRNA;

L3), transcript variant 3, mRNA;

phatase 13 (DUSP13), transcript variant 6, mRNA; gi|56117819|ref|NM\_001007272.1| Homo sapiens du  
ranscript variant 6, mRNA; gi|56117835|ref|NM\_001007226.1| Homo sapiens speckle-type POZ proteir

piens neurotrophic tyrosine kinase, receptor, type 1 (NTRK1), transcript variant 2, mRNA;

NM\_001008211.1| Homo sapiens optineurin (OPTN), transcript variant 1, mRNA;

associated 7 (MXRA7), transcript variant 1, mRNA;

404.3| Homo sapiens septin 2 (SEPT2), transcript variant 4, mRNA;

family 41, member 3 (SLC41A3), transcript variant 2, mRNA; gi|56549672|ref|NM\_001008485.1| Homo  
sapiens (CTDSPL), transcript variant 1, mRNA;

with repeat binding protein 1 (CGGBP1), transcript variant 3, mRNA;

intracellular antigen 1 (NOVA1), transcript variant 2, mRNA;

anchor protein 14 (AKAP14), transcript variant 1, mRNA;

3 (SPIN2B), transcript variant 1, mRNA;



osphate carrier), member 25 (SLC25A25), nuclear gene encoding mitochondrial protein, transcript varia

e 6 open reading frame 1 (C6orf1), transcript variant 2, mRNA;

l\_001006620.1 | Homo sapiens mitogen-activated protein kinase associated protein 1 (MAPKAP1), tran

NA binding protein with multiple splicing (RBPMS), transcript variant 2, mRNA; gi|57164972|ref|NM\_001106261.1| Homo sapiens gem (nuclear organelle) associated protein 2 (GEMIN2), transcript variant beta, mRNA;

nate binding) (GRINA), transcript variant 2, mRNA;



oma amplified sequence 4 (BCAS4), transcript variant 2, mRNA;

in 230 (TMEM230), transcript variant 3, mRNA; gi|58331121|ref|NM\_001009924.1| Homo sapiens trar

osyltransferase 8 domain containing 1 (GLT8D1), transcript variant 3, mRNA;

cript variant 4, mRNA; gi|145701018|ref|NM\_001085367.1| Homo sapiens zinc finger protein 655 (ZNF

.|ref|NR\_026912.1| Homo sapiens abhydrolase domain containing 11 (ABHD11), transcript variant 4, nc  
e 1 (DNASE1L1), transcript variant 4, mRNA; gi|58430940|ref|NM\_006730.2| Homo sapiens deoxyribor

like domain member 1 (HERPUD1), transcript variant 1, mRNA; gi|58530856|ref|NM\_001010989.1| Homo sapiens  
 inositol phosphate kinase 1 (IP6K1), transcript variant 1, mRNA;  
 nily A, 4 (MAGEA4), transcript variant 1, mRNA; gi|58530870|ref|NM\_001011550.1| Homo sapiens me

501.4| Homo sapiens hepatocyte growth factor (hepapoietin A; scatter factor) (HGF), transcript variant 1

1011669.1 | Homo sapiens coiled-coil-helix-coiled-coil-helix domain containing 7 (CHCHD7), transcript v

ef|NM\_004714.1| Homo sapiens dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1B (DYR

AP family member 3, metalloredutase (STEAP3), transcript variant 3, mRNA;

eat containing 5 (BIRC5), transcript variant 2, mRNA;

midkine (neurite growth-promoting factor 2) (MDK), transcript variant 1, mRNA;

VP responsive element binding protein 5 (CREB5), transcript variant 3, mRNA; gi|59938773|ref|NM\_00

COA1), transcript variant 3, mRNA;

14 (SLC25A14), nuclear gene encoding mitochondrial protein, transcript variant short, mRNA;

n 2C (ITM2C), transcript variant 2, mRNA;

P receptor complex member 2 (GOSR2), transcript variant B, mRNA;

variant 2, mRNA;

ref|NM\_001012631.1| Homo sapiens interleukin 32 (IL32), transcript variant 1, mRNA; gi|61658641|ref

1 (LSP1), transcript variant 4, mRNA; gi|61742787|ref|NM\_002339.2| Homo sapiens lymphocyte-spec

ining (KRIT1), transcript variant 4, mRNA; gi|37221186|ref|NM\_194454.1| Homo sapiens KRIT1, ankyri

ear gene encoding mitochondrial protein, transcript variant 2, mRNA;

RNA; gi|125991238|ref|NM\_018315.4| Homo sapiens F-box and WD repeat domain containing 7, E3 u



(LK6), transcript variant C, mRNA;  
se 5A, cGMP-specific (PDE5A), transcript variant 3, mRNA;

ed receptor (RGR), transcript variant 2, mRNA;

o sapiens v-akt murine thymoma viral oncogene homolog 1 (AKT1), transcript variant 1, mRNA;

ens MAD1 mitotic arrest deficient-like 1 (yeast) (MAD1L1), transcript variant 3, mRNA;

62388867|ref|NM\_001014765.1| Homo sapiens F-box protein 44 (FBXO44), transcript variant 4, mRNA  
ast growth factor receptor-like 1 (FGFRL1), transcript variant 3, mRNA;

.NA;

is p21 protein (Cdc42/Rac)-activated kinase 4 (PAK4), transcript variant 2, mRNA; gi|126273532|ref|NM

o sapiens cutA divalent cation tolerance homolog (E. coli) (CUTA), transcript variant 5, mRNA; gi|625260

21), transcript variant 3, mRNA;

VI\_001193473.1| Homo sapiens folate hydrolase (prostate-specific membrane antigen) 1 (FOLH1), trans

ucosylase (MPG), transcript variant 2, mRNA;

, transcript variant 3, mRNA; gi|62739158|ref|NM\_001014989.1| Homo sapiens linker for activation of  
al giant larvae homolog 2 (Drosophila) (LLGL2), transcript variant 2, mRNA;

36 (TRIM36), transcript variant 1, mRNA;  
variant 1, mRNA; gi|62865613|ref|NM\_001015892.1| Homo sapiens TAF9 RNA polymerase II, TATA bo

/, member 3 (TSC22D3), transcript variant 3, mRNA;

g 3 (RGS3), transcript variant 1, mRNA; gi|62865653|ref|NM\_017790.3| Homo sapiens regulator of G-p

coding mitochondrial protein, transcript variant 2, mRNA;

o sapiens complement component 4 binding protein, beta (C4BPB), transcript variant 1, mRNA; gi|6291  
\_001017403.1| Homo sapiens leucine-rich repeat containing G protein-coupled receptor 6 (LGR6), trans

JSP1), transcript variant 3, mRNA;

}, mRNA;

iens vitamin D (1,25- dihydroxyvitamin D3) receptor (VDR), transcript variant 3, mRNA;

it variant 2, mRNA; gi|63252894|ref|NM\_000366.5| Homo sapiens tropomyosin 1 (alpha) (TPM1), tran:

nulating hormone receptor (TSHR), transcript variant 3, mRNA;

781.2 | Homo sapiens cathepsin B (CTSB), transcript variant 3, mRNA; gi|66346647|ref|NM\_147780.2|  
5, mRNA; gi|311078512|ref|NM\_001017528.2| Homo sapiens proline rich 5 (renal) (PRR5), transcript  
activating protein 8 (ARHGAP8), transcript variant 3, mRNA;  
18038.2 | Homo sapiens vacuolar protein sorting 13 homolog A (S. cerevisiae) (VPS13A), transcript variar  
binding protein 1 (SERBP1), transcript variant 3, mRNA; gi|66346678|ref|NM\_001018067.1| Homo sa  
; (Xenopus laevis) (DKK3), transcript variant 2, mRNA;

t 3, mRNA; gi|74272281|ref|NM\_015520.1| Homo sapiens membrane associated guanylate kinase, W

encoding mitochondrial protein, transcript variant 2, mRNA;

vating enzyme E1 subunit 1 (NAE1), transcript variant 3, mRNA;

it 1, mRNA; gi|324021672|ref|NM\_001204259.1| Homo sapiens nuclear receptor subfamily 3, group C,

m binding protein A13 (S100A13), transcript variant 1, mRNA; gi|66737366|ref|NM\_005979.2| Homo s

anscript variant 3, mRNA; gi|66879658|ref|NM\_001658.3| Homo sapiens ADP-ribosylation factor 1 (AR

ranscript variant 4, mRNA; gi|66932894|ref|NM\_001024380.1| Homo sapiens TM2 domain containing :

s myeloid-associated differentiation marker (MYADM), transcript variant 5, mRNA; gi|66932922|ref|NM

it 1, mRNA; gi|66932967|ref|NM\_001024024.1| Homo sapiens GTP cyclohydrolase 1 (GCH1), transcrip

1 (FBLIM1), transcript variant 1, mRNA;  
mRNA;



scription factor 2 (RUNX2), transcript variant 1, mRNA;

al protein, transcript variant 2, mRNA;

, mRNA; gi|67089159|ref|NM\_033250.2| Homo sapiens promyelocytic leukemia (PML), transcript vari

l, transcript variant 3, mRNA; gi|67782306|ref|NM\_001024465.1| Homo sapiens superoxide dismutase

RNA; gi|67782316|ref|NM\_001024845.1| Homo sapiens solute carrier family 6 (neurotransmitter trans

1 (EXOC1), transcript variant 1, mRNA;

ariant 2, mRNA;

mber 1 (WASF1), transcript variant 2, mRNA; gi|68161501|ref|NM\_001024935.1| Homo sapiens WASP  
regulated phosphoprotein, 21kDa (ARPP21), transcript variant 1, mRNA; gi|68161519|ref|NM\_0010250

it 3, mRNA; gi|68303541|ref|NM\_001024943.1| Homo sapiens argininosuccinate lyase (ASL), transcript

M\_144662.2| Homo sapiens proteasome (prosome, macropain) subunit, alpha type, 8 (PSMA8), transcr

A;

2A), transcript variant 3, mRNA;

4, mRNA; gi|68509946|ref|NM\_002385.2| Homo sapiens myelin basic protein (MBP), transcript variant

A;

800023|ref|NM\_001025238.1| Homo sapiens tetraspanin 4 (TSPAN4), transcript variant 6, mRNA; gi|6  
nuclear RNA auxiliary factor 1 (U2AF1), transcript variant c, mRNA;

leukin-1 receptor-associated kinase 1 (IRAK1), transcript variant 2, mRNA;

2a (TAF5L), transcript variant 1, mRNA;

ase, beta) (AGPAT2), transcript variant 1, mRNA;

mRNA;

ns adenosine monophosphate deaminase 3 (AMPD3), transcript variant 4, mRNA; gi|70906427|ref|NM

3, mRNA; gi|70906442|ref|NM\_001948.3| Homo sapiens deoxyuridine triphosphatase (DUT), nuclear ξ

ocytosis chromosomal region gene 1 (AMMECR1), transcript variant 3, mRNA; gi|70995234|ref|NM\_0C

rogenase, quinone 1 (NQO1), transcript variant 2, mRNA;

ns ADP-ribosylation factor interacting protein 1 (ARFIP1), transcript variant 1, mRNA;



actor 4, alpha (HNF4A), transcript variant 3, mRNA; gi|71725338|ref|NM\_175914.3| Homo sapiens hep

omo sapiens aldehyde dehydrogenase 3 family, member B1 (ALDH3B1), transcript variant 3, mRNA;

LK3), transcript variant 1, mRNA; gi|71834858|ref|NM\_001030050.1| Homo sapiens kallikrein-related |

| Homo sapiens aryl hydrocarbon receptor nuclear translocator-like (ARNTL), transcript variant 1, mRNA

transcript variant 3, mRNA;

2a, mRNA;

A3), transcript variant 2, mRNA; gi|73486650|ref|NM\_001031666.1| Homo sapiens membrane-spanning

sapiens caspase 7, apoptosis-related cysteine peptidase (CASP7), transcript variant alpha, mRNA; gi|736

f|NM\_198833.1| Homo sapiens serpin peptidase inhibitor, clade B (ovalbumin), member 8 (SERPINB8),

: 7) (PSMB8), transcript variant 1, mRNA;



binding protein 1 (PQBP1), transcript variant 8, mRNA; gi|269784738|ref|NM\_001167992.1| Homo sapiens  
phosphatidase inhibitor, Kunitz type 1 (SPINT1), transcript variant 1, mRNA;

transcript variant 3, mRNA; gi|74027272|ref|NM\_015919.3| Homo sapiens zinc finger protein 226 (ZNF2

M\_001032387.1| Homo sapiens sulfite oxidase (SUOX), nuclear gene encoding mitochondrial protein, tr

t 1, mRNA;

-oligoadenylate synthetase 1, 40/46kDa (OAS1), transcript variant 2, mRNA;

-oligoadenylate synthetase 2, 69/71kDa (OAS2), transcript variant 1, mRNA;

ory molecule (FAIM), transcript variant 3, mRNA; gi|74271910|ref|NM\_001033030.1| Homo sapiens Fa:  
Homo sapiens aryl hydrocarbon receptor interacting protein-like 1 (AIPL1), transcript variant 3, mRNA;

1| Homo sapiens WD repeat domain, phosphoinositide interacting 2 (WIP12), transcript variant 3, mRNA

rsceptibility 1 candidate 1 (DYX1C1), transcript variant 2, mRNA;

L033506.1| Homo sapiens cleavage stimulation factor, 3' pre-RNA, subunit 3, 77kDa (CSTF3), transcript \

transcript variant hBACHd, mRNA; gi|75709213|ref|NM\_181864.2| Homo sapiens acyl-CoA thioesterase

L033522.1| Homo sapiens cleavage stimulation factor, 3' pre-RNA, subunit 1, 50kDa (CSTF1), transcript \

mber T1 (RHOT1), transcript variant 1, mRNA;

sin family metallopeptidase 2 (AMZ2), transcript variant 3, mRNA; gi|75812967|ref|NM\_001033569.1|  
io sapiens protein phosphatase, Mg<sup>2+</sup>/Mn<sup>2+</sup> dependent, 1B (PPM1B), transcript variant 2, mRNA; gi|75

4A; gi|209862842|ref|NM\_001136021.1| Homo sapiens nuclear factor of activated T-cells, cytoplasmic  
ipt variant 4, mRNA; gi|75905799|ref|NM\_198428.2| Homo sapiens Bardet-Biedl syndrome 9 (BBS9), t

al protein, transcript variant 1, mRNA;

3), transcript variant b, mRNA; gi|76496498|ref|NM\_001033857.1| Homo sapiens DNA cross-link repair

elated polypeptide alpha (CALCA), transcript variant 3, mRNA;

l factor 5 (TRAF5), transcript variant 3, mRNA;

mRNA; gi|77812676|ref|NM\_176869.2| Homo sapiens pyrophosphatase (inorganic) 2 (PPA2), nuclear

7322|ref|NM\_172195.3| Homo sapiens eukaryotic translation initiation factor 2B, subunit 4 delta, 67kD  
domain containing 1 (SORBS1), transcript variant 3, mRNA; gi|78000166|ref|NM\_001034956.1| Homo

sapiens DNA methyltransferase 1 associated protein 1 (DMAP1), transcript variant 3, mRNA;

g protein 1 (KCNIP1), transcript variant 2, mRNA;  
rotein 4 (KCNIP4), transcript variant 6, mRNA; gi|78190483|ref|NM\_147182.3| Homo sapiens Kv channel

), transcript variant 2, mRNA; gi|78711807|ref|NM\_032953.2| Homo sapiens MLX interacting protein-l  
ntegral membrane protein, 15kDa (SDHC), nuclear gene encoding mitochondrial protein, transcript varia  
mRNA;

RNA;

transcript variant 4, non-coding RNA; gi|81295795|ref|NM\_001036645.1| Homo sapiens HERV-H LTR-  
35804|ref|NM\_013992.3| Homo sapiens paired box 8 (PAX8), transcript variant PAX8E, mRNA;

ia (ARL5A), transcript variant 2, mRNA;

asmic FMR1 interacting protein 2 (CYFIP2), transcript variant 3, mRNA;

Homo sapiens stau60, RNA binding protein, homolog 1 (Drosophila) (STAU1), transcript variant T2, mR

sterase 4B, cAMP-specific (PDE4B), transcript variant d, mRNA; gi|82799483|ref|NM\_001037340.1| Ho

b on midleg-like 1 (Drosophila) (SCML1), transcript variant 3, mRNA; gi|82830435|ref|NM\_001037536.:

ein, transcript variant 3, mRNA; gi|82880651|ref|NM\_203315.2| Homo sapiens 3-hydroxybutyrate deh

ype 1 (DYNLL1), transcript variant 2, mRNA;

sapiens eukaryotic translation elongation factor 1 beta 2 (EEF1B2), transcript variant 1, mRNA;

cript variant 2, mRNA;



omo sapiens eukaryotic translation initiation factor 3, subunit C (EIF3C), transcript variant 3, mRNA;

oidin domain receptor tyrosine kinase 1 (DDR1), transcript variant 2, mRNA; gi|321400060|ref|NM\_00:

), transcript variant 2, mRNA;

RNA; gi|84452149|ref|NM\_033168.2| Homo sapiens beta-1,3-N-acetylgalactosaminyltransferase 1 (glo

donate 15-lipoxygenase, type B (ALOX15B), transcript variant a, mRNA;

g protein 2 (TARBP2), transcript variant 1, mRNA;

omo sapiens ATPase, H<sup>+</sup> transporting, lysosomal V0 subunit a4 (ATP6V0A4), transcript variant 2, mRNA;

mRNA; gi|85787819|ref|NM\_197961.2| Homo sapiens dipeptidyl-peptidase 8 (DPP8), transcript variant

complex, subunit C2 (subunit 9) (ATP5G2), nuclear gene encoding mitochondrial protein, transcript vari

ntothenate kinase 2 (PANK2), transcript variant 3, mRNA;

U\_033151.3| Homo sapiens ATP-binding cassette, sub-family C (CFTR/MRP), member 11 (ABCC11), tran

: 1, mRNA;

osome 1 open reading frame 38 (C1orf38), transcript variant 2, mRNA;

NM\_001039366.1| Homo sapiens ATPase, H<sup>+</sup> transporting, lysosomal 31kDa, V1 subunit E1 (ATP6V1E1  
Raph blood group) (CD151), transcript variant 5, mRNA; gi|87159821|ref|NM\_139029.1| Homo sapien:

rotein 2 (MAP2), transcript variant 5, mRNA; gi|87578395|ref|NM\_002374.3| Homo sapiens microtubi

ig protein (TRIOBP), transcript variant 2, mRNA;

h PRKCA 1 (PICK1), transcript variant 3, mRNA;

ker for activation of T cells family, member 2 (LAT2), transcript variant 1, mRNA;

/lgalactosaminide alpha-2,6-sialyltransferase 4 (ST6GALNAC4), transcript variant 2, mRNA;

tin domain family 7, member A (CLEC7A), transcript variant 5, mRNA; gi|88999592|ref|NM\_197948.2| |

IM\_003790.2 | Homo sapiens tumor necrosis factor receptor superfamily, member 25 (TNFRSF25), trans

n containing (DEDD), transcript variant 3, mRNA;  
apiens serologically defined colon cancer antigen 3 (SDCCAG3), transcript variant 1, mRNA;  
gi|89353293|ref|NM\_001032999.2| Homo sapiens core-binding factor, runt domain, alpha subunit 2

type I (DIO1), transcript variant 2, mRNA; gi|89357937|ref|NM\_001039716.1| Homo sapiens deiodinas

sapiens cell division cycle 42 (GTP binding protein, 25kDa) (CDC42), transcript variant 2, mRNA;

mRNA; gi|89903027|ref|NM\_194328.2| Homo sapiens ring finger protein 38 (RNF38), transcript variant



io sapiens CD79b molecule, immunoglobulin-associated beta (CD79B), transcript variant 1, mRNA;  
INTS6), transcript variant 1, mRNA;

A; gi|90652852|ref|NM\_032781.3| Homo sapiens protein tyrosine phosphatase, non-receptor type 5 (S

ting protein (rabin3) (RAB3IP), transcript variant alpha 2, mRNA; gi|90855780|ref|NM\_022456.3| Homo

ript variant 1, mRNA;

lpha (SIRPA), transcript variant 2, mRNA;

coupled estrogen receptor 1 (GPER), transcript variant 3, mRNA;

iant 1, mRNA;

880|ref|NM\_139006.2| Homo sapiens hemochromatosis (HFE), transcript variant 6, mRNA; gi|9171887

mitochondrial protein, transcript variant 1, mRNA;

NM\_033207.3 | Homo sapiens oligodendrocytic myelin paranodal and inner loop protein (OPALIN), tran

LG8), transcript variant 2, mRNA;

ens myosin, heavy chain 11, smooth muscle (MYH11), transcript variant SM1A, mRNA; gi|92091584|ref

QLC2), transcript variant 1, mRNA;

idin, cytoskeletal associated protein (PALLD), transcript variant 3, mRNA; gi|260656033|ref|NM\_001161

romosome 16 open reading frame 13 (C16orf13), transcript variant 7, mRNA; gi|93102394|ref|NM\_00

1, mRNA; gi|324072874|ref|NM\_001204358.1| Homo sapiens sparc/osteonectin, cwcw and kazal-like d  
3561|ref|NM\_002304.2| Homo sapiens LFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase  
domain containing 3 (MOSPD3), transcript variant 4, mRNA; gi|93141011|ref|NM\_001040097.1| Hom  
2AFY), transcript variant 1, mRNA; gi|93141019|ref|NM\_001040158.1| Homo sapiens H2A histone fam

7.2 | Homo sapiens sodium channel, voltage-gated, type II, alpha subunit (SCN2A), transcript variant 1, n

ens angiotensin II receptor-associated protein (AGTRAP), transcript variant 3, mRNA; gi|93588502|ref|I  
1 (CLDND1), transcript variant 2, mRNA; gi|93588649|ref|NM\_001040199.1| Homo sapiens claudin do

ranscript variant 2, mRNA;

nsript variant 2, mRNA; gi|94421472|ref|NM\_001040152.1| Homo sapiens paternally expressed 10 (P

variant 2, mRNA;

eta) (ESR2), transcript variant b, mRNA; gi|333609292|ref|NM\_001214902.1| Homo sapiens estrogen r  
protein 6 (IFI6), transcript variant 2, mRNA;  
gamma (SIRPG), transcript variant 3, mRNA;

romosome 9 open reading frame 131 (C9orf131), transcript variant 2, mRNA; gi|94536863|ref|NM\_00  
tein 6, ileal (FABP6), transcript variant 3, mRNA;



NA;

family 26, member 6 (SLC26A6), transcript variant 4, mRNA; gi|94721256|ref|NM\_134426.2| Homo sapiens

nt 2, mRNA;

rotein 6 (ARHGAP6), transcript variant 4, mRNA;

|ref|NM\_006051.3| Homo sapiens amyloid beta (A4) precursor protein-binding, family B, member 3 (A

ptide repeat domain 23 (TTC23), transcript variant 4, mRNA; gi|98961151|ref|NM\_001040658.1| Homo

mRNA; gi|98985777|ref|NM\_032041.2| Homo sapiens neurocalcin delta (NCALD), transcript variant 8,

A1), transcript variant C, mRNA; gi|98985809|ref|NM\_080629.2| Homo sapiens collagen, type XI, alpha

nsript variant b, mRNA;

., mRNA;

(PRKAG2), transcript variant a, mRNA;

f|NM\_002850.3| Homo sapiens protein tyrosine phosphatase, receptor type, S (PTPRS), transcript varia

ns fibroblast growth factor receptor 1 (FGFR1), transcript variant 4, mRNA; gi|291327494|ref|NM\_0011

al protein, transcript variant 2, mRNA;

nsript variant 7, mRNA; gi|109138570|ref|NM\_001042396.1| Homo sapiens protein tyrosine phosphatase variant 9, mRNA; gi|109633036|ref|NM\_001042363.3| Homo sapiens protein tyrosine phosphatase.

protein 63kDa (CEP63), transcript variant 3, mRNA;

activating enhancer binding protein 2 alpha) (TFAP2A), transcript variant 3, mRNA;

!| Homo sapiens Wolf-Hirschhorn syndrome candidate 1 (WHSC1), transcript variant 2, mRNA; gi|18691



cript variant c, non-coding RNA; gi|109638757|ref|NR\_003092.1| Homo sapiens E2F transcription factc

transporters), member 6 (SLC12A6), transcript variant 1, mRNA; gi|110224453|ref|NM\_001042495.1|

ot variant 2, mRNA;

42520.1 | Homo sapiens chromosome 2 open reading frame 88 (C2orf88), transcript variant 3, mRNA;

rotein S12 (MRPS12), nuclear gene encoding mitochondrial protein, transcript variant 3, mRNA;

(KCNQ2), transcript variant 5, mRNA; gi|210147479|ref|NM\_172108.3| Homo sapiens potassium volta

g RNA; gi|110671313|ref|NM\_001042594.1| Homo sapiens protection of telomeres 1 homolog (S. pon

g nexin family member 21 (SNX21), transcript variant 1, mRNA;  
pha 2 (COL11A2), transcript variant 4, mRNA;

rgic, alpha-1A-, receptor (ADRA1A), transcript variant 2, mRNA;

/ domain containing, family G (with RhoGef domain) member 5 (PLEKHG5), transcript variant 3, mRNA; ξ

RNA;

variant B, mRNA;

g (FGR), transcript variant 1, mRNA;

nt 2, mRNA;



ase 1, gamma 3 (CSNK1G3), transcript variant 3, mRNA;

4155143|ref|NM\_001043351.1| Homo sapiens tropomyosin 3 (TPM3), transcript variant 4, mRNA;

homolog (E. coli) (MUTYH), nuclear gene encoding mitochondrial protein, transcript variant alpha3, mR



seudogene (AFG3L1P), transcript variant 2, non-coding RNA;

ant 3, mRNA;

ariant 3, mRNA;

, transcript variant 7, mRNA; gi|47132572|ref|NM\_053032.2| Homo sapiens myosin light chain kinase (

t 1, mRNA;

membrane metallo-endopeptidase (MME), transcript variant 1bis, mRNA;

|116284367|ref|NM\_005037.5| Homo sapiens peroxisome proliferator-activated receptor gamma (PPAR-γ), transcript variant 1, mRNA

001077243.2| Homo sapiens glutamate receptor, ionotropic, AMPA 4 (GRIA4), transcript variant 2, mRNA



l1A (PDE11A), transcript variant 1, mRNA;

1A (DYRK1A), transcript variant 1, mRNA; gi|116734669|ref|NM\_130436.2| Homo sapiens dual-specific

, mRNA; gi|116734846|ref|NM\_000028.2| Homo sapiens amylo-alpha-1, 6-glucosidase, 4-alpha-glucan

variant B, mRNA; gi|25777683|ref|NM\_170714.1| Homo sapiens Ras association (RalGDS/AF-6) domai

FSD), transcript variant 4, mRNA; gi|226823318|ref|NM\_001159377.1| Homo sapiens methenyltetrahy

int 3, mRNA; gi|117190173|ref|NM\_004500.3| Homo sapiens heterogeneous nuclear ribonucleoprotei

ember 1 (TRPV1), transcript variant 4, mRNA; gi|117306161|ref|NM\_080704.3| Homo sapiens transien

: polypeptide gene enhancer in B-cells 2 (p49/p100) (NFKB2), transcript variant 3, mRNA;

in 4 (hemokinin) (TAC4), transcript variant alpha, mRNA; gi|117938257|ref|NM\_001077503.1| Homo s:

variant 1, mRNA; gi|117938766|ref|NR\_003259.1| Homo sapiens GNAS complex locus (GNAS), transcrip

on (URGCP), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA;

gine-linked glycosylation 9, alpha-1,2-mannosyltransferase homolog (*S. cerevisiae*) (ALG9), transcript var

receptor) (KTN1), transcript variant 3, mRNA;  
(DACT1), transcript variant 4, non-coding RNA; gi|373838736|ref|NR\_046093.1| Homo sapiens dapper

1\_001078177.1 | Homo sapiens solute carrier family 29 (nucleoside transporters), member 1 (SLC29A1),

f|NM\_015180.4| Homo sapiens spectrin repeat containing, nuclear envelope 2 (SYNE2), transcript varia

M\_006452.3| Homo sapiens phosphoribosylaminoimidazole carboxylase, phosphoribosylaminoimidazo

t 2, mRNA;

939|ref|XR\_133554.1| PREDICTED: Homo sapiens NLR family, apoptosis inhibitory protein (NAIP), miscel  
no sapiens NLR family, pyrin domain containing 1 (NLRP1), transcript variant 1, mRNA; gi|119393883|re

ariant 3, mRNA; gi|119395717|ref|NM\_001079533.1| Homo sapiens cytoplasmic polyadenylation elem

35560|ref|NM\_001146099.1| Homo sapiens NIMA (never in mitosis gene a)-related kinase 3 (NEK3), tra

7094|ref|NM\_001198542.1| Homo sapiens HYDIN, axonemal central pair apparatus protein (HYDIN), tr



.39|ref|NM\_001184702.1| Homo sapiens glycogenin 2 (GYG2), transcript variant 3, mRNA;

ncoding mitochondrial protein, transcript variant 2, mRNA; gi|383087735|ref|NM\_001257344.1| Homo

ant 1, mRNA;

xisomal biogenesis factor 2 (PEX2), transcript variant 4, mRNA;

5470|ref|NM\_001228.4| Homo sapiens caspase 8, apoptosis-related cysteine peptidase (CASP8), transc  
script variant 4, mRNA; gi|284413715|ref|NM\_001171611.1| Homo sapiens LIM domain binding 3 (LIM  
6620|ref|NM\_000311.3| Homo sapiens prion protein (PRNP), transcript variant 1, mRNA;



receptor, type 1 (AGTR1), transcript variant 4, mRNA; gi|122939142|ref|NM\_000685.4| Homo sapiens a

.65920.1| Homo sapiens serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium de  
ntiation protein (MAL), transcript variant c, mRNA;  
ke receptor, two domains, long cytoplasmic tail, 4 (KIR2DL4), transcript variant 3, mRNA;

\; gi|298228963|ref|NM\_198890.2| Homo sapiens ATG16 autophagy related 16-like 1 (S. cerevisiae) (A

mRNA; gi|294774571|ref|NM\_181700.1| Homo sapiens protein phosphatase 2, regulatory subunit A, l

| Homo sapiens pleiomorphic adenoma gene-like 1 (PLAGL1), transcript variant 4, mRNA; gi|124381123

: 5, mRNA; gi|150417966|ref|NM\_001099404.1| Homo sapiens sodium channel, voltage-gated, type V,

NM\_022579.1| Homo sapiens chorionic somatomammotropin hormone-like 1 (CSHL1), transcript varia

leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 5 (LILRB5),





Homo sapiens dystrophia myotonica-protein kinase (DMPK), transcript variant 1, mRNA;  
associated antigen 11B (SPAG11B), transcript variant E, mRNA; gi|126091049|ref|NM\_058202.2| Homo

mo sapiens elastin (ELN), transcript variant 1, mRNA;  
nt 3, mRNA;  
ens leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 1 (LILRE



is cancer susceptibility candidate 1 (CASC1), transcript variant 5, mRNA; gi|131889446|ref|NM\_001082

ef|NM\_001257144.1| Homo sapiens DEAD/H (Asp-Glu-Ala-Asp/His) box helicase 11 (DDX11), transcript

i, mRNA; gi|133925796|ref|NM\_014309.2| Homo sapiens RNA binding protein, fox-1 homolog (C. elegans)

5 (CTAGE5), transcript variant 4, mRNA; gi|350994422|ref|NM\_001247989.1| Homo sapiens CTAGE fai

piens CUGBP, Elav-like family member 2 (CELF2), transcript variant 3, mRNA;

l9|ref|NM\_001083607.1| Homo sapiens patched 1 (PTCH1), transcript variant 1e, mRNA; gi|134254467

3, mRNA;

o sapiens nuclear prelamin A recognition factor (NARF), transcript variant 3, mRNA;









mber A2 (SLC35A2), transcript variant 2, mRNA;







ens tudor and KH domain containing (TDRKH), transcript variant 2, mRNA;

ail subunit (single strand of homotrimer) of asymmetric acetylcholinesterase (COLQ), transcript variant I,

1 | Homo sapiens transmembrane protease, serine 4 (TMPRSS4), transcript variant 4, mRNA;

o sapiens transmembrane protease, serine 3 (TMPRSS3), transcript variant F, mRNA; gi|373251167|ref|



gi|332688211|ref|NM\_001206886.1| Homo sapiens catenin (cadherin-associated protein), delta 1 (CTN

1\_032052.1| Homo sapiens POZ (BTB) and AT hook containing zinc finger 1 (PATZ1), transcript variant 3,

5, mRNA; gi|256355129|ref|NM\_001164182.1| Homo sapiens ectonucleoside triphosphate diphosphol

ant 3, mRNA;

NM\_001093755.1 | Homo sapiens chromosome 5 open reading frame 44 (C5orf44), transcript variant 1,  
3(4)-L-fucosyltransferase, Lewis blood group) (FUT3), transcript variant 1, mRNA; gi|148277011|ref|NI  
|ref|NM\_001097636.1 | Homo sapiens glucosaminyl (N-acetyl) transferase 1, core 2 (GCNT1), transcript

'0396|ref|NM\_001098208.1| Homo sapiens heterogeneous nuclear ribonucleoprotein F (HNRNPF), trar

2, mRNA;

7.2| Homo sapiens C-type lectin domain family 4, member A (CLEC4A), transcript variant 3, mRNA;  
A subunit (CACNA1A), transcript variant 3, mRNA; gi|187828891|ref|NM\_001127222.1| Homo sapiens

3634.1| PREDICTED: Homo sapiens deleted in malignant brain tumors 1, transcript variant 3 (DMBT1), r

transcript variant D, mRNA;

8.2 | Homo sapiens small G protein signaling modulator 1 (SGSM1), transcript variant 1, mRNA;

2NF419), transcript variant 7, mRNA; gi|148612864|ref|NM\_001098493.1| Homo sapiens zinc finger pr

06410.4 | Homo sapiens HIV-1 Tat interactive protein 2, 30kDa (HTATIP2), transcript variant 2, mRNA; gi

riant 1, mRNA; gi|148743777|ref|NM\_181268.2 | Homo sapiens CKLF-like MARVEL transmembrane do

/variant 3, mRNA;

pt variant 1, mRNA;

associated athanogene 6 (BAG6), transcript variant 5, mRNA; gi|149158694|ref|NM\_080703.2| Homo s

transcript variant 1, mRNA;

ASGRP2), transcript variant 2, mRNA;





ansmembrane protein 91 (TMEM91), transcript variant 3, mRNA; gi|149588707|ref|NM\_001098825.1|

gA, receptor for (FCAR), transcript variant 3, mRNA; gi|149999346|ref|NM\_133278.2| Homo sapiens FcγR1 (CD32), transcript variant 2, mRNA;

family, member V (H2AFV), transcript variant 5, mRNA; gi|149999599|ref|NM\_201436.2| Homo sapiens H2AFV, transcript variant 3, mRNA; gi|298358755|ref|NM\_001190329.1| Homo sapiens ATP synthase, H<sup>+</sup> transporting, m

ranscript variant 4, mRNA; gi|150378488|ref|NM\_001099410.1| Homo sapiens G protein-coupled rece

mRNA;

827751|ref|NM\_006997.2| Homo sapiens transforming, acidic coiled-coil containing protein 2 (TACC2)

1, mRNA; gi|151101150|ref|NM\_001099224.1| Homo sapiens intraflagellar transport 74 homolog (Chl.

30), transcript variant 3, mRNA;

003989.3 | Homo sapiens paired box 2 (PAX2), transcript variant d, mRNA;

1AGI family member, X-linked (MAGIX), transcript variant 1, mRNA;

o sapiens intercellular adhesion molecule 2 (ICAM2), transcript variant 4, mRNA; gi|153082685|ref|NM\_001

mRNA;

ntabulin (syntaxin-interacting) (SYBU), transcript variant 7, mRNA; gi|153090198|ref|NM\_001099752.1

3251765|ref|NM\_001099626.1| Homo sapiens family with sequence similarity 54, member B (FAM54B

eatine kinase, mitochondrial 2 (sarcomeric) (CKMT2), nuclear gene encoding mitochondrial protein, tran

42|ref|NM\_001171878.1| Homo sapiens MCF.2 cell line derived transforming sequence (MCF2), transci

01099673.1| Homo sapiens chromosome 8 open reading frame 59 (C8orf59), transcript variant 4, mRN.



729|ref|NM\_001134484.1| Homo sapiens translocase of outer mitochondrial membrane 5 homolog (y  
anscript variant 3, mRNA;

gene enhancer in B-cells, kinase gamma (IKBKG), transcript variant 4, mRNA; gi|223671869|ref|NM\_00:

ielin converting enzyme 2 (ECE2), transcript variant 1, mRNA; gi|153945827|ref|NM\_001037324.2| Ho

, mRNA; gi|153946398|ref|NM\_013979.2| Homo sapiens BCL2/adenovirus E1B 19kDa interacting prote

in Chinese hamster cells 3 (XRCC3), transcript variant 3, mRNA;

RNA binding protein-like (RALYL), transcript variant 4, mRNA;

re protein, mitochondrial (IMMT), nuclear gene encoding mitochondrial protein, transcript variant 3, mF  
| Homo sapiens phosphatase and actin regulator 2 (PHACTR2), transcript variant 1, mRNA;

34250|ref|NM\_001184830.1| Homo sapiens V-set and immunoglobulin domain containing 4 (VSIG4), tr

4122243|ref|NM\_001199706.1| Homo sapiens KIAA0895 (KIAA0895), transcript variant 3, mRNA;

4426311|ref|NM\_001100424.1| Homo sapiens spermatogenesis associated, serine-rich 2-like (SPATS2L



A;

RNA;

197|ref|NM\_001100428.1| Homo sapiens RAP1, GTP-GDP dissociation stimulator 1 (RAP1GDS1), trans

nsporter, member 10 (SLC4A10), transcript variant 1, mRNA;

ript variant 1, mRNA; gi|339895780|ref|NM\_203444.3| Homo sapiens ATP-binding cassette, sub-family



:|ref|NM\_001102367.1| Homo sapiens chromosome 14 open reading frame 159 (C14orf159), transcrip

:91|ref|NM\_001102397.1| Homo sapiens heterogeneous nuclear ribonucleoprotein R (HNRNPR), transcr



o sapiens transmembrane protein 176B (TMEM176B), transcript variant 1, mRNA;

LB (PPAPDC1B), transcript variant 1, mRNA;

1, mRNA; gi|364502981|ref|NR\_045665.1| Homo sapiens intraflagellar transport 43 homolog (Chlamy

homolog 2 (Drosophila) (DTX2), transcript variant 3, mRNA;  
molecule 20 (CEACAM20), transcript variant 5S, mRNA; gi|156564377|ref|NM\_001102597.1| Homo sapiens

, mRNA; gi|156616278|ref|NM\_001102605.1| Homo sapiens IMP (inosine 5'-monophosphate) dehydrogenase

nsript variant 1, mRNA;

ens GRB10 interacting GYF protein 2 (GIGYF2), transcript variant 1, mRNA;

i3|ref|NM\_001103150.1| Homo sapiens paraneoplastic Ma antigen family member 5 (PNMA5), transcri

IM\_198234.2| Homo sapiens ribonuclease, RNase A family, 1 (pancreatic) (RNASE1), transcript variant 2



1 | Homo sapiens phosphodiesterase 4D, cAMP-specific (PDE4D), transcript variant 4, mRNA; gi|259906

script variant 2, mRNA;

LE3), transcript variant 1, mRNA;

mily member 11 (SLFN11), transcript variant 2, mRNA; gi|157388962|ref|NM\_001104590.1| Homo sap

sapiens RUN and SH3 domain containing 1 (RUSC1), transcript variant 3, mRNA;

er-related subfamily, beta member 1 (KCNAB1), transcript variant 3, mRNA;

05195.1 | Homo sapiens family with sequence similarity 123C (FAM123C), transcript variant 4, mRNA;

NM\_001139510.1 | Homo sapiens enoyl CoA hydratase domain containing 1 (ECHDC1), transcript varian



ranscript variant 1, mRNA; gi|335892883|ref|NM\_001242538.1| Homo sapiens zinc finger protein 83 (z

apiens kazrin, periplakin interacting protein (KAZN), transcript variant A, mRNA; gi|157837982|ref|NM\_

3427|ref|NM\_001110361.1| Homo sapiens ribonuclease, RNase A family, 9 (non-active) (RNASE9), trar

1| Homo sapiens potassium channel, subfamily K, member 7 (KCNK7), transcript variant C, mRNA;

receptor, type IC (ACVR1C), transcript variant 3, mRNA;

Homo sapiens acid phosphatase 5, tartrate resistant (ACP5), transcript variant 2, mRNA;

1| Homo sapiens phosphodiesterase 4A, cAMP-specific (PDE4A), transcript variant 1, mRNA; gi|341572|

.12720.1| Homo sapiens LIM and calponin homology domains 1 (LIMCH1), transcript variant 5, mRNA; g

ase 11B (CDK11B), transcript variant 9, mRNA; gi|16332357|ref|NM\_033486.1| Homo sapiens cyclin-de

pt variant 5, mRNA; gi|163644292|ref|NM\_181831.2| Homo sapiens neurofibromin 2 (merlin) (NF2), ti

(BAX), transcript variant epsilon, non-coding RNA; gi|242117892|ref|NM\_138764.4| Homo sapiens BCL

M\_001111284.1| Homo sapiens insulin-like growth factor 1 (somatomedin C) (IGF1), transcript variant :

ain containing 1 (TSTD1), transcript variant 3, mRNA;

endothelin converting enzyme 1 (ECE1), transcript variant 1, mRNA;

regulator of G-protein signaling 4 (RGS4), transcript variant 4, mRNA;

113494.1 | Homo sapiens septin 9 (SEPT9), transcript variant 6, mRNA; gi|164698493|ref|NM\_0011134

mRNA; gi|16554622|ref|NM\_052989.1| Homo sapiens intraflagellar transport 122 homolog (Chlamydo-

gi|166064035|ref|NM\_001113512.1| Homo sapiens Rho guanine nucleotide exchange factor (GEF) 7 (FOLR2), transcript variant 1, mRNA;

1), transcript variant alpha, mRNA;



: 3, mRNA; gi|256419015|ref|NM\_001164393.1| Homo sapiens metal response element binding transc



VA;

rotein beta-1,2-N-acetylglucosaminyltransferase (MGAT1), transcript variant 4, mRNA; gi|167857785|re

C730268), mRNA;

3, mRNA; gi|169234660|ref|NM\_001114980.1| Homo sapiens tumor protein p63 (TP63), transcript va

protein L11 (MRPL11), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;

iant 3, mRNA;

protein L52 (MRPL52), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|165

protein L55 (MRPL55), nuclear gene encoding mitochondrial protein, transcript variant 7, mRNA; gi|165

doxin (thioltransferase) (GLRX), transcript variant 1, mRNA;

377823724|ref|NM\_001256793.1| Homo sapiens bone morphogenetic protein receptor, type IB (BMPR

!, mRNA;

n factor Ili (GTF2I), transcript variant 1, mRNA; gi|254692933|ref|NM\_001163636.1| Homo sapiens ger

H3-domain binding protein 2 (SH3BP2), transcript variant 4, mRNA;



riant 4, mRNA;

15.2 | Homo sapiens epithelial splicing regulatory protein 1 (ESRP1), transcript variant 2, mRNA; gi|170:

pt variant 2, mRNA;

171460940|ref|NM\_015929.3| Homo sapiens lipoyltransferase 1 (LIPT1), nuclear gene encoding mitoc

9020|ref|NR\_027662.1| Homo sapiens solute carrier family 25 (aspartate/glutamate carrier), member :

es absent homolog 1 (Drosophila) (EYA1), transcript variant 3, mRNA;



grin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12) (ITGB1), trans

76244|ref|NM\_001244973.1| Homo sapiens neuropilin 1 (NRP1), transcript variant 5, mRNA; gi|182505

!05029.1| Homo sapiens Mdm1 nuclear protein homolog (mouse) (MDM1), transcript variant 3, mRNA;

\_001123226.1| Homo sapiens mitochondrial translation optimization 1 homolog (S. cerevisiae) (MTO1),

, mRNA;

amily M, member 6 (TRPM6), transcript variant b, mRNA;

chromatosis type 2 (juvenile) (HFE2), transcript variant a, mRNA;

s troponin T type 3 (skeletal, fast) (TNNT3), transcript variant 2, mRNA;

ters), member 3 (SLC12A3), transcript variant 1, mRNA;

transcript variant 3, mRNA; gi|186928857|ref|NM\_001126121.1| Homo sapiens solute carrier family 2

iRNA;

001126335.1 | Homo sapiens solute carrier family 7 (glycoprotein-associated amino acid transporter ligh



inase 1 (chitotriosidase) (CHIT1), transcript variant 2, mRNA;

A; gi|187608743|ref|NM\_001127195.1| Homo sapiens CCHC-type zinc finger, nucleic acid binding protei

piens CUGBP, Elav-like family member 4 (CELF4), transcript variant 3, mRNA;

eme oxygenase (decycling) 2 (HMOX2), transcript variant 4, mRNA;

A;

i9|ref|NM\_001127225.1| Homo sapiens CD59 molecule, complement regulatory protein (CD59), transc

INA;

3564|ref|NM\_020432.4| Homo sapiens putative homeodomain transcription factor 2 (PHTF2), transcrip

A;

A; gi|188497694|ref|NM\_181678.2| Homo sapiens protein phosphatase 2, regulatory subunit B, beta (

iant 5, mRNA; gi|188497751|ref|NM\_033498.2| Homo sapiens hexokinase 1 (HK1), nuclear gene encoc

script variant 2, mRNA;

phila) (YPEL5), transcript variant 4, mRNA;

NM\_001127444.1| Homo sapiens CD36 molecule (thrombospondin receptor) (CD36), transcript variant

idrial protein, transcript variant 2, mRNA;

erage (CHAT), transcript variant M, mRNA; gi|218931220|ref|NM\_001142929.1| Homo sapiens choline

nt 1, mRNA;

ript variant 7, mRNA; gi|189083729|ref|NM\_001127646.1| Homo sapiens gamma-aminobutyric acid (G  
solistic factor 2 (NCF2), transcript variant 2, mRNA;

ariant 1, mRNA;

| Homo sapiens gelsolin (GSN), transcript variant 6, mRNA; gi|89276753|ref|NM\_000177.4| Homo sapi  
mo sapiens inhibitor of growth family, member 4 (ING4), transcript variant 4, mRNA; gi|189083831|ref|  
nt 1, mRNA; gi|189083839|ref|NM\_001127595.1| Homo sapiens Fc fragment of IgG, low affinity IIIa, re

er 1 (KCNE1), transcript variant 2, mRNA; gi|189095240|ref|NM\_001127670.1| Homo sapiens potassiur

iens G protein-coupled receptor 126 (GPR126), transcript variant a1, mRNA;

idase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1 (SERPINA1), transcript variant 3,

NA;

l), transcript variant 3, mRNA;

5 and Abl enzyme substrate 1 (CABLES1), transcript variant 2, mRNA;

8), transcript variant 2, mRNA;

WDD3), transcript variant 1, mRNA;  
t variant 3, mRNA;

NM\_001128167.1 | Homo sapiens p21 protein (Cdc42/Rac)-activated kinase 3 (PAK3), transcript variant

phthisis 1 (juvenile) (NPHP1), transcript variant 1, mRNA;

iant 7, mRNA; gi|189571584|ref|NM\_001390.4| Homo sapiens dystrobrevin, alpha (DTNA), transcript v



), transcript variant 1, mRNA;

ing 1 (WDSUB1), transcript variant 2, mRNA;

Drosophila) (VGLL4), transcript variant 3, mRNA;

scramblase 4 (PLSCR4), transcript variant 4, mRNA; gi|190341018|ref|NM\_001128305.1| Homo sapiens

protein (SP110), transcript variant a, mRNA;

;

mRNA; gi|166706882|ref|NM\_001114138.1| Homo sapiens erythrocyte membrane protein band 4.9 (d

4), transcript variant 3, mRNA;

orter), member 11 (SLC2A11), transcript variant 1, mRNA;

22 (NUDT22), transcript variant 2, mRNA;

tif, 13 (ADAMTS13), transcript variant 1, mRNA; gi|214010159|ref|NR\_024514.1| Homo sapiens ADAM

VA;

bunit (CACNA1D), transcript variant 1, mRNA;

72.3 | Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfa

mRNA; gi|192807331|ref|NM\_001128852.1 | Homo sapiens serrate RNA effector molecule homolog (A

rotein 2 (PCBP2), transcript variant 5, mRNA; gi|193083113|ref|NM\_001128914.1 | Homo sapiens poly(

3083118|ref|NM\_006114.2 | Homo sapiens translocase of outer mitochondrial membrane 40 homolog

083128|ref|NM\_001128920.1 | Homo sapiens MAP/microtubule affinity-regulating kinase 3 (MARK3), ti

tain containing 19 (SH3D19), transcript variant 1, mRNA;

RNA; gi|193083192|ref|NR\_023921.1| Homo sapiens chromosome 14 open reading frame 167 (C14orf167), non-coding RNA;

logy domain containing, family G (with RhoGef domain) member 4 (PLEKHG4), transcript variant 2, mRNA

subunit (CACNA1C), transcript variant 3, mRNA; gi|193788547|ref|NM\_001129846.1| Homo sapiens c

ase (MAGUK family) (CASK), transcript variant 3, mRNA;

inc finger family member 673 (ZNF673), transcript variant 2, mRNA;

ranscript variant 3, mRNA;



3, mRNA;

;

2), transcript variant 3, mRNA;

g, family B (evectins) member 1 (PLEKHB1), transcript variant 3, mRNA; gi|194097465|ref|NM\_021200

ating transcription factor 7 (ATF7), transcript variant 4, mRNA; gi|194239642|ref|NM\_001130060.1| Hc

n 1 (SHC1), transcript variant 4, mRNA; gi|194239661|ref|NM\_183001.4| Homo sapiens SHC (Src homo

piens crystallin, zeta (quinone reductase) (CRYZ), transcript variant 2, mRNA;



kinesis 9 (DOCK9), transcript variant 2, mRNA;

!01|ref|NM\_001130086.1| Homo sapiens actin binding LIM protein family, member 2 (ABLIM2), transcr

ipiens leucine rich repeat containing 48 (LRRC48), transcript variant 4, mRNA;

ng protein (COL4A3BP), transcript variant 3, mRNA;

piens gap junction protein, beta 6, 30kDa (GJB6), transcript variant 2, mRNA;  
2), transcript variant 2, mRNA; gi|194306617|ref|NM\_001130136.1| Homo sapiens immunoglobulin su

apiens coiled-coil domain containing 77 (CCDC77), transcript variant 3, mRNA;

.| Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily

ACT1), transcript variant 3, non-coding RNA;

ript variant gamma-1, mRNA; gi|194473705|ref|NM\_181427.3| Homo sapiens GA binding protein tran

1, alpha subunit (basic helix-loop-helix transcription factor) (HIF1A), transcript variant 1, mRNA;

sapiens mitogen-activated protein kinase 14 (MAPK14), transcript variant 1, mRNA;

onal PAS domain protein 3 (NPAS3), transcript variant 3, mRNA;

ript variant 1, mRNA;

is protein tyrosine phosphatase, non-receptor type 13 (APO-1/CD95 (Fas)-associated phosphatase) (PTP

mRNA;

ariant 1, mRNA;

5.1 | Homo sapiens ADAM metalloproteinase domain 29 (ADAM29), transcript variant 4, mRNA;  
195232764|ref|NM\_000116.3 | Homo sapiens tafazzin (TAZ), nuclear gene encoding mitochondrial prot

visiae) (LSM5), transcript variant 2, mRNA; gi|213385304|ref|NM\_001139499.1 | Homo sapiens LSM5 h

ript variant 2, mRNA;  
synthase 2 (ALAS2), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;

01130820.1 | Homo sapiens RAB, member RAS oncogene family-like 5 (RABL5), transcript variant 2, mRNA  
| NM\_001130824.1 | Homo sapiens suppressor of Ty 5 homolog (S. cerevisiae) (SUPT5H), transcript variant 1, mRNA

317348|ref|NM\_001003789.1| Homo sapiens RAB, member of RAS oncogene family-like 2B (RABL2B),

enhancer factor 2A (MEF2A), transcript variant 3, mRNA; gi|195972800|ref|NM\_001130926.1| Homo

excessive) (DYSF), transcript variant 6, mRNA; gi|195976753|ref|NM\_001130976.1| Homo sapiens dysfe

alpha (IL5RA), transcript variant 4, mRNA; gi|195976790|ref|NM\_175728.2| Homo sapiens interleukin 5

t 2, mRNA;

1017.1 | Homo sapiens CDKN1A interacting zinc finger protein 1 (CIZ1), transcript variant 3, mRNA; gi|42

omo sapiens survival of motor neuron 2, centromeric (SMN2), transcript variant d, mRNA;  
ese hamster cells 4 (XRCC4), transcript variant 2, mRNA;

xisomal biogenesis factor 5 (PEX5), transcript variant 3, mRNA; gi|196259775|ref|NM\_001131026.1 | H

A;

ens peroxisomal biogenesis factor 19 (PEX19), transcript variant 3, non-coding RNA;



ble (ACP1), transcript variant 1, non-coding RNA;

it a, mRNA; gi|197116358|ref|NM\_001134224.1| Homo sapiens inositol polyphosphate-4-phosphatase

(RAD17), transcript variant 5, mRNA; gi|4506382|ref|NM\_002873.1| Homo sapiens RAD17 homolog (S

nuclear gene encoding mitochondrial protein, transcript variant 2d, mRNA; gi|197276610|ref|NM\_016

er transporter, taurine), member 6 (SLC6A6), transcript variant 2, mRNA;

le cyclase-coupled (HTR7), transcript variant a, mRNA;

| Homo sapiens zinc finger, DHHC-type containing 4 (ZDHHC4), transcript variant 3, mRNA;

NM\_001134404.1 | Homo sapiens cytochrome b-561 domain containing 1 (CYB561D1), transcript variar

anscript variant 1, mRNA;

, transcript variant 3, non-coding RNA; gi|197313648|ref|NR\_024110.1 | Homo sapiens Shwachman-Bo

34 |ref|NM\_020749.4 | Homo sapiens microtubule associated tumor suppressor 1 (MTUS1), nuclear geni

ot variant 1, mRNA; gi|197313726|ref|NM\_145753.2 | Homo sapiens pleckstrin homology-like domain,

2NF502), transcript variant 3, mRNA;

, transcript variant 1, mRNA; gi|296011029|ref|NM\_001178136.1| Homo sapiens haloacid dehalogenase  
transcript variant 3, mRNA; gi|197382663|ref|NM\_001134650.1| Homo sapiens eukaryotic translation

ransporter, member 4 (SLC4A4), transcript variant 2, mRNA;

TD2), transcript variant 1, mRNA;

variant 1, mRNA;

pre-B-cell leukemia homeobox 3 (PBX3), transcript variant 4, non-coding RNA;



elson helper integration site 1 (AHI1), transcript variant 4, mRNA;

f|NM\_001134877.1| Homo sapiens chromosome 14 open reading frame 80 (C14orf80), transcript varia

oding) (GHRLOS), transcript variant 4, non-coding RNA; gi|201860259|ref|NR\_024144.1| Homo sapiens

no sapiens ghrelin/obestatin prepropeptide (GHRL), transcript variant 1, mRNA; gi|201860286|ref|NR\_024144.1|



4| Homo sapiens ELMO/CED-12 domain containing 3 (ELMOD3), transcript variant 1, mRNA;  
nt X (PDHX), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;

320.1| Homo sapiens proprotein convertase subtilisin/kexin type 6 (PCSK6), transcript variant 7, mRNA;

nt 1, mRNA;

in, transcript variant 2, mRNA; gi|110227606|ref|NM\_001042531.1| Homo sapiens CoA synthase (COA  
068.2| Homo sapiens mitogen-activated protein kinase 9 (MAPK9), transcript variant JNK2-a1, mRNA; gi

ein 2 (JDP2), transcript variant 2, mRNA;

r (TIR) domain (SIGIRR), transcript variant 2, mRNA;

70|ref|NM\_001135105.1| Homo sapiens potassium channel, subfamily K, member 16 (KCNK16), transc

iant 1, mRNA; gi|205830406|ref|NM\_001135148.1| Homo sapiens solute carrier family 39 (zinc transp  
cript variant 3, mRNA; gi|205830422|ref|NM\_001128431.2| Homo sapiens solute carrier family 39 (zin

D-methyltransferase (COMT), transcript variant 1, mRNA;

IA;

down-regulated 1 (NEDD1), transcript variant 3, mRNA; gi|206597464|ref|NM\_001135175.1| Homo sa

peats 1 (AGFG1), transcript variant 1, mRNA;

1 (ARAP1), transcript variant 3, mRNA;

6789|ref|NM\_001007097.1| Homo sapiens neurotrophic tyrosine kinase, receptor, type 2 (NTRK2), tra

mRNA; gi|206725419|ref|NM\_001135213.1| Homo sapiens G protein-coupled receptor kinase interact

2NF323), transcript variant 5, mRNA; gi|342837687|ref|NM\_001243244.1| Homo sapiens zinc finger pr

nase A (LDHA), transcript variant 3, mRNA; gi|260099724|ref|NM\_001165415.1| Homo sapiens lactate

d MTOR activator 3 (LAMTOR3), transcript variant 3, mRNA;

iens microfibrillar-associated protein 2 (MFAP2), transcript variant 2, mRNA;

non-coding RNA;

IM\_015866.4| Homo sapiens PR domain containing 2, with ZNF domain (PRDM2), transcript variant 2, n  
09252|ref|NM\_022562.2| Homo sapiens growth hormone 1 (GH1), transcript variant 5, mRNA;

ly group AT-hook 1 (HMGA1), transcript variant 7, mRNA; gi|208431751|ref|NM\_145901.2| Homo sapi

nscrip variant 4, mRNA; gi|208431777|ref|NM\_001135638.1| Homo sapiens phosphatidylinositol-4-pl

t variant 3, mRNA;

)|ref|NM\_003929.2| Homo sapiens RAB7, member RAS oncogene family-like 1 (RAB7L1), transcript vari

ens methionine sulfoxide reductase A (MSRA), transcript variant 3, mRNA;

35675.1 | Homo sapiens chromosome 8 open reading frame 40 (C8orf40), transcript variant 2, mRNA;

i.2 | Homo sapiens NLR family, pyrin domain containing 3 (NLRP3), transcript variant 2, mRNA; gi|20887!

iens tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide (YW

n) (TOM1), transcript variant 3, mRNA; gi|209180451|ref|NR\_024194.1| Homo sapiens target of myb1

sapiens nei endonuclease VIII-like 2 (E. coli) (NEIL2), transcript variant 2, mRNA;

sapiens ecdysoneless homolog (Drosophila) (ECD), transcript variant 2, mRNA;

5.1| Homo sapiens acyl-CoA binding domain containing 4 (ACBD4), transcript variant 3, mRNA; gi|20936

non-coding RNA;

, mRNA;

i 185 (RNF185), transcript variant 7, non-coding RNA; gi|209529684|ref|NR\_024209.1| Homo sapiens r

nsript variant 5, mRNA; gi|209529718|ref|NM\_178006.3| Homo sapiens StAR-related lipid transfer (S

; mitogen-activated protein kinase 7 (MAPK7), transcript variant 1, mRNA;

diphosphate synthase (FDPS), transcript variant 2, mRNA; gi|209571583|ref|NM\_001135822.1| Homo



4;

noxygenase, calponin and LIM domain containing 3 (MICAL3), transcript variant 1, mRNA;

gi|209862812|ref|NM\_001136009.1| Homo sapiens FXYD domain containing ion transport regulator 3

sapiens MAP-kinase activating death domain (MADD), transcript variant 5, mRNA; gi|209863001|ref|NM

ibfamily C, member 4 (TRPC4), transcript variant alpha, mRNA; gi|209863031|ref|NM\_001135958.1| H  
no sapiens periostin, osteoblast specific factor (POSTN), transcript variant 2, mRNA;

| Homo sapiens mitogen-activated protein kinase 8 (MAPK8), transcript variant JNK1-b2, mRNA;  
ant 1, mRNA; gi|209869994|ref|NM\_001136006.1| Homo sapiens phosphoribosylglycinamide formyltr

|304434792|ref|NR\_036562.1| Homo sapiens caspase 5, apoptosis-related cysteine peptidase (CASP5)  
sapiens protein-O-mannosyltransferase 1 (POMT1), transcript variant 1, mRNA; gi|116517314|ref|NM\_  
apiens polypyrimidine tract binding protein 1 (PTBP1), transcript variant 4, mRNA;

, transcript variant 2, mRNA; gi|209915585|ref|NM\_001136136.1| Homo sapiens ribosomal protein L2  
anscript variant 4, non-coding RNA; gi|209915595|ref|NM\_016308.2| Homo sapiens cytidine monophc

cript variant 3, mRNA; gi|343478175|ref|NM\_001243428.1| Homo sapiens v-ets erythroblastosis virus

rain containing 2 (ISOC2), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA;

st variant 2, mRNA;

GR2), transcript variant 4, mRNA;

taining 5 (OTUD5), transcript variant 1, mRNA;

membrane protein 51 (TMEM51), transcript variant 2, mRNA;

pt variant 4, mRNA;

ndocrine neoplasia I (MEN1), transcript variant e1E, mRNA; gi|210031723|ref|NM\_130801.2| Homo sa

473.1 | Homo sapiens lipopolysaccharide-induced TNF factor (LITAF), transcript variant 3, mRNA;



protein 2 (DAZAP2), transcript variant 2, mRNA; gi|211904141|ref|NM\_001136267.1| Homo sapiens D.  
iens serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 2 (SERPI

gene (FLJ10661), transcript variant 1, non-coding RNA;

iant 4, mRNA;

non-coding RNA;

AA; gi|212276069|ref|NM\_004735.3| Homo sapiens leucine rich repeat (in FLII) interacting protein 1 (LR

transcript variant 2, mRNA;



DBFC2A), transcript variant 3, non-coding RNA; gi|362999017|ref|NM\_001254736.1| Homo sapiens olig

y, member E (ANP32E), transcript variant 3, mRNA;

i3464.2| Homo sapiens interleukin enhancer binding factor 3, 90kDa (ILF3), transcript variant 3, mRNA; {

l, mRNA; gi|212549590|ref|NM\_172080.2| Homo sapiens calcium/calmodulin-dependent protein kina:

t 5, mRNA; gi|212549751|ref|NM\_172127.2| Homo sapiens calcium/calmodulin-dependent protein kir

insducin (beta)-like 1X-linked (TBL1X), transcript variant 4, mRNA;

GRP3), transcript variant 3, mRNA;

han receptor A (RORA), transcript variant 3, mRNA;

actor 13 (FGF13), transcript variant 3, mRNA; gi|213417633|ref|NM\_001139502.1| Homo sapiens fibro

ucible double stranded RNA dependent activator (PRKRA), transcript variant 1, mRNA;

nc-coding RNA; gi|213688401|ref|NR\_024500.1| Homo sapiens FMR1 antisense RNA 1 (non-protein codi

se and tensin homolog 2 (TPTE2), transcript variant 1, mRNA;

214010157|ref|NM\_001142271.1| Homo sapiens dehydrogenase/reductase (SDR family) member 9 (DI

15282.2| Homo sapiens cytoplasmic linker associated protein 1 (CLASP1), transcript variant 1, mRNA;  
VR\_024516.1| Homo sapiens amyloid beta (A4) precursor-like protein 2 (APLP2), transcript variant 6, no

!, mRNA;  
l, transcript variant c, mRNA; gi|214829240|ref|NM\_001142284.1| Homo sapiens ribosomal protein S2

apiens lectin, mannose-binding 2-like (LMAN2L), transcript variant 6, non-coding RNA; gi|214010243|re

;(KLK8), transcript variant 3, mRNA;

015087.4| Homo sapiens spastic paraplegia 20 (Troyer syndrome) (SPG20), transcript variant 1, mRNA;

83.3| Homo sapiens chromosome 18 open reading frame 1 (C18orf1), transcript variant b2, mRNA; gi|2

s transmembrane protein 169 (TMEM169), transcript variant 2, mRNA;

piens guanine nucleotide binding protein (G protein), alpha activating activity polypeptide, olfactory typ

-like receptor 1 (CMKLR1), transcript variant 4, mRNA;

variant 2, mRNA; gi|215272333|ref|NM\_001142349.1| Homo sapiens sodium channel, voltage-gated, typ

int 2, mRNA;

variant 3, mRNA;

RNA; gi|215272361|ref|NM\_001142356.1| Homo sapiens NIF3 NGG1 interacting factor 3-like 1 (S. cere  
|215272365|ref|NR\_024529.1| Homo sapiens ribosomal protein L23a pseudogene 7 (RPL23AP7), transcrip  
C18A1), transcript variant 3, mRNA; gi|215272387|ref|NM\_003053.3| Homo sapiens solute carrier fam

; gi|215272407|ref|NM\_145892.2| Homo sapiens RNA binding protein, fox-1 homolog (C. elegans) 1 (F

magine-linked glycosylation 3, alpha-1,3- mannosyltransferase homolog (S. cerevisiae) (ALG3), transcript

cript variant 3, non-coding RNA;

oile acid cotransporter family), member 3 (SLC10A3), transcript variant 2, mRNA;  
n-regulated 9 (NEDD9), transcript variant 1, mRNA;

M\_001173486.1| Homo sapiens proline rich Gla (G-carboxyglutamic acid) 1 (PRRG1), transcript variant 1, mRNA;  
s death-domain associated protein (DAXX), transcript variant 2, mRNA;

no sapiens fumarylacetoacetate hydrolase domain containing 1 (FAHD1), transcript variant 3, mRNA;  
olecule, sialomucin (CD164), transcript variant 1, mRNA; gi|215422420|ref|NM\_001142401.1| Homo sapiens

teracting multifunctional protein 1 (AIMP1), transcript variant 1, mRNA;

ictor 4 like 2 (MORF4L2), transcript variant 15, mRNA; gi|215490036|ref|NM\_001142426.1| Homo sapiens  
ens cysteine-rich secretory protein 2 (CRISP2), transcript variant 4, mRNA; gi|215422433|ref|NM\_001142433.1| Homo sapiens



spinster homolog 1 (Drosophila) (SPNS1), transcript variant 3, mRNA; gi|215490097|ref|NM\_001142445.1|

ant 3, mRNA;

variant 4, mRNA; gi|215598565|ref|NM\_001142445.1| Homo sapiens ankyrin 1, erythrocytic (ANK1), isoform 1, mRNA; gi|215599980|ref|NM\_001142326.1| Homo sapiens cyclin D binding myb-like transcription factor 1, mRNA; gi|215599980|ref|NM\_001142326.1|

, mRNA; gi|215599735|ref|NM\_001142483.1| Homo sapiens neuronal regeneration related protein hcrp, mRNA; gi|215599735|ref|NM\_001142483.1|

1|ref|NM\_014836.4| Homo sapiens Rho-related BTB domain containing 1 (RHOBTB1), transcript variant

4; gi|215983097|ref|NM\_001142521.1| Homo sapiens family with sequence similarity 111, member A

nRNA; gi|216547681|ref|NM\_001142529.1| Homo sapiens basic helix-loop-helix domain containing, cl  
ntaining 3C (SH2D3C), transcript variant 2, mRNA; gi|216547768|ref|NM\_001142531.1| Homo sapiens

142538.1| Homo sapiens lectin, galactoside-binding, soluble, 12 (LGALS12), transcript variant 5, mRNA;

001166534.1| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 4 (DDX4), transcript variant 4, mF

ript variant 3, mRNA;

1, mRNA;

rotein 780A (ZNF780A), transcript variant 4, mRNA;

riant 1, mRNA; gi|21704262|ref|NM\_145112.1| Homo sapiens MYC associated factor X (MAX), transcr

gi|217416397|ref|NM\_012485.2| Homo sapiens hyaluronan-mediated motility receptor (RHAMM) (H  
Homo sapiens nuclear transcription factor Y, gamma (NFYC), transcript variant 2, mRNA; gi|217272828|

\_000917.3| Homo sapiens prolyl 4-hydroxylase, alpha polypeptide I (P4HA1), transcript variant 1, mRN

\_004199.2| Homo sapiens prolyl 4-hydroxylase, alpha polypeptide II (P4HA2), transcript variant 1, mRN

ipt variant 3, mRNA;

7, mRNA; gi|217330583|ref|NM\_001142619.1| Homo sapiens stimulated by retinoic acid gene 6 homolog (GHDC), transcript variant 1, mRNA;

77.1| Homo sapiens Sec61 alpha 2 subunit (S. cerevisiae) (SEC61A2), transcript variant 4, non-coding RNA

35561|ref|NM\_145331.1| Homo sapiens mitogen-activated protein kinase kinase kinase 7 (MAP3K7), transcribing protein-like 3 (OSBPL3), transcript variant 4, mRNA;

.16403|ref|NM\_025267.3| Homo sapiens alanyl-tRNA synthetase domain containing 1 (AARSD1), transc

iens RAD51 homolog D (*S. cerevisiae*) (RAD51D), transcript variant 5, non-coding RNA; gi|217272815|ri

itinase domain containing 1 (CHID1), transcript variant 5, mRNA; gi|218083141|ref|NM\_023947.3| Hor

o sapiens discs, large homolog 2 (*Drosophila*) (DLG2), transcript variant 3, mRNA; gi|218156336|ref|NM  
;

719|ref|NR\_024597.1| Homo sapiens chromosome 11 open reading frame 73 (C11orf73), transcript var

erin-related 15 (PCDH15), transcript variant L, mRNA; gi|218505786|ref|NM\_001142769.1| Homo sapien

uclear gene encoding mitochondrial protein, transcript variant 3, mRNA; gi|218505817|ref|NR\_024600.

hydrogenase, 3 beta- and steroid delta-isomerase 7 (HSD3B7), transcript variant 1, mRNA;

itter transporter, creatine), member 8 (SLC6A8), transcript variant 2, mRNA;

cript variant 2, mRNA; gi|344217751|ref|NM\_001243747.1| Homo sapiens apoptosis inhibitor 5 (API5),

677.1| Homo sapiens serum/glucocorticoid regulated kinase 1 (SGK1), transcript variant 3, mRNA;

|219555744|ref|NM\_198215.3| Homo sapiens family with sequence similarity 13, member C (FAM13C)

RNA;

mo sapiens leucine rich repeat containing 27 (LRRC27), transcript variant 1, mRNA; gi|219555701|ref|N  
.143760.1| Homo sapiens eukaryotic translation initiation factor 5A (EIF5A), transcript variant A, mRNA;

NF438), transcript variant 8, non-coding RNA; gi|219555733|ref|NM\_001143770.1| Homo sapiens zinc

001001550.2 | Homo sapiens growth factor receptor-bound protein 10 (GRB10), transcript variant 3, mRNA

transcript variant 3, mRNA;

Homo sapiens transmembrane protein 106C (TMEM106C), transcript variant 3, mRNA;

transcript variant 2, non-coding RNA;

gi|350529365|ref|NM\_001244990.1| Homo sapiens protein phosphatase 1, regulatory subunit 12A

5), transcript variant 2, mRNA;

variant 2, non-coding RNA;

Brain-derived neurotrophic factor (BDNF), transcript variant 1, mRNA; gi|219842285|ref|NM\_170734



ubularin related protein 2 (MTMR2), transcript variant 4, mRNA;

se kappa 1 (GSTK1), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|21984

ant 3, mRNA;

|221138903|ref|NM\_152660.2| Homo sapiens family with sequence similarity 76, member A (FAM76A

1, mRNA;

omo sapiens microsomal glutathione S-transferase 1 (MGST1), transcript variant 1c, mRNA;

n protein, Y-like (CDYL), transcript variant 6, non-coding RNA;

NM\_001143991.1 | Homo sapiens WD repeat containing, antisense to TP53 (WRAP53), transcript variant 1 (J-terminal) member 7 (RASSF7), transcript variant 2, mRNA;



membrane protein 25 (TMEM25), transcript variant 6, mRNA; gi|221139829|ref|NM\_001144034.1| Homo

) (TLE2), transcript variant 1, mRNA;

91), transcript variant 5, mRNA; gi|375493603|ref|NM\_001256717.1| Homo sapiens synaptosomal-ass

IA;

ing 1 (BSDC1), transcript variant 3, mRNA;

f|NR\_026649.1| Homo sapiens biphenyl hydrolase-like (serine hydrolase) (BPHL), transcript variant 2, n

se-like (OGDHL), nuclear gene encoding mitochondrial protein, transcript variant 3, mRNA;

3 1 (S. cerevisiae) (SEC14L1), transcript variant 4, mRNA; gi|221316686|ref|NM\_001144001.1| Homo sa

4|ref|NM\_001144026.1| Homo sapiens NADPH dependent diflavin oxidoreductase 1 (NDOR1), transcri

ipt variant 1, mRNA;

\_032328.3| Homo sapiens EF-hand calcium binding domain 2 (EFCAB2), transcript variant 1, mRNA; gi|2

sion, Drosophila)-like 4 (Hu antigen D) (ELAVL4), transcript variant 5, mRNA; gi|221316768|ref|NM\_001

logy domain containing, family G (with RhoGef domain) member 6 (PLEKHG6), transcript variant 2, mRNA

1 2 (BAIAP2), transcript variant 1, mRNA;

3 (SLC23A3), transcript variant 1, mRNA;

l928.1 | Homo sapiens NFkB inhibitor interacting Ras-like 2 (NKIRAS2), transcript variant 4, mRNA; gi | 221

piens prickly homolog 1 (Drosophila) (PRICKLE1), transcript variant 1, mRNA;

ng transactivator, with Glu/Asp-rich carboxy-terminal domain, 1 (CITED1), transcript variant 2, mRNA; gi

omo sapiens fibroblast growth factor receptor 2 (FGFR2), transcript variant 9, mRNA; gi | 189083816 | ref

nRNA; gi | 222144304 | ref | NM\_001144940.1 | Homo sapiens vitelline membrane outer layer 1 homolog

l.5 | Homo sapiens RAB34, member RAS oncogene family (RAB34), transcript variant 1, mRNA; gi | 22214



appa light polypeptide gene enhancer in B-cells inhibitor-like 1 (NFKBIL1), transcript variant 2, mRNA; gi

8.1 | Homo sapiens butyrophilin, subfamily 3, member A1 (BTN3A1), transcript variant 3, mRNA;

it 4, non-coding RNA; gi|222418777|ref|NR\_026701.1| Homo sapiens glycerate kinase (GLYCTK), transc

I-coding RNA;

ript variant 2, mRNA; gi|223005902|ref|NM\_001145049.1| Homo sapiens GPN-loop GTPase 1 (GPN1),

3 (SMAD3), transcript variant 4, mRNA;

t variant 2, mRNA; gi|223029473|ref|NM\_001145109.1| Homo sapiens NEL-like 2 (chicken) (NELL2), tra

non-coding RNA; gi|223029383|ref|NM\_001144895.1| Homo sapiens CD209 molecule (CD209), transcribed

3348|ref|NR\_026708.1| Homo sapiens C-type lectin domain family 4, member M (CLEC4M), transcript variant 1, mRNA;

er), member 5 (SLC1A5), transcript variant 1, mRNA;

ra polypeptide, antigen CD51) (ITGAV), transcript variant 1, mRNA;

4; gi|223468603|ref|NR\_026786.1| Homo sapiens leishmanolysin-like (metallopeptidase M8 family) (LNL)

nuclear receptor corepressor (C1D), transcript variant 2, mRNA;

palmitoyltransferase 1B (muscle) (CPT1B), nuclear gene encoding mitochondrial protein, transcript varia

|223555948|ref|NM\_001145155.1| Homo sapiens nuclear receptor subfamily 2, group F, member 2 (N

ref|NR\_026842.1| Homo sapiens Down syndrome critical region gene 8 (DSCR8), transcript variant 2, nc

001145258.1 | Homo sapiens interleukin-1 receptor-associated kinase 4 (IRAK4), transcript variant 5, mR

f|NM\_001145147.1 | Homo sapiens corticotropin releasing hormone receptor 1 (CRHR1), transcript vari

oid receptor, mu 1 (OPRM1), transcript variant MOR-1B1, mRNA; gi|347921123|ref|NM\_001145279.2|

nRNA; gi|223718111|ref|NM\_213611.2| Homo sapiens solute carrier family 25 (mitochondrial carrier;

RNA;

t 1, mRNA;

homolog (*S. cerevisiae*) (DSN1), transcript variant 3, mRNA; gi|223890148|ref|NM\_001145316.1| Hom

NF566), transcript variant 2, mRNA;



uclear receptor coactivator 4 (NCOA4), transcript variant 4, mRNA; gi|223890277|ref|NM\_001145260.1

n-conjugating enzyme E2C (UBE2C), transcript variant 3, mRNA; gi|32967292|ref|NM\_007019.2| Homo  
t variant 1, mRNA;

, mRNA; gi|223941884|ref|NM\_001145370.1| Homo sapiens protein tyrosine phosphatase, non-recep

ise, mitochondrial (OXSM), transcript variant 3, non-coding RNA;  
1, mRNA; gi|223972631|ref|NM\_001145392.1| Homo sapiens tRNA splicing endonuclease 2 homolog  
:ript variant 1, non-coding RNA;

245|ref|NM\_001145409.1| Homo sapiens non-POU domain containing, octamer-binding (NONO), trans

7.1 | Homo sapiens uncharacterized LOC339524 (LOC339524), transcript variant 3, non-coding RNA; gi|2

/ariant 1, mRNA; gi|224177555|ref|NM\_001145436.1| Homo sapiens lanosterol synthase (2,3-oxidosql

200), transcript variant 1, mRNA; gi|224282156|ref|NM\_198087.2| Homo sapiens zinc finger protein 2C

i|224451020|ref|NM\_139211.4| Homo sapiens HOP homeobox (HOPX), transcript variant 2, mRNA;  
24451028|ref|NM\_001039671.2| Homo sapiens Yip1 interacting factor homolog B (S. cerevisiae) (YIF1B)

| NM\_001205179.1 | Homo sapiens alkB, alkylation repair homolog 2 (E. coli) (ALKBH2), transcript variant

non-coding RNA;

RNA;

7.1 | Homo sapiens uncharacterized LOC283761 (LOC283761), transcript variant 4, non-coding RNA;

non-coding RNA;

!26371703|ref|NM\_023926.4| Homo sapiens zinc finger and SCAN domain containing 18 (ZSCAN18), tr:

IFRSF10B), transcript variant 1, mRNA;

ns G-protein signaling modulator 1 (GPSM1), transcript variant 4, mRNA;

529 (ZNF529), transcript variant 1, mRNA;

ipt variant 4, non-coding RNA; gi|224586813|ref|NM\_012201.5| Homo sapiens golgi glycoprotein 1 (G

i| Homo sapiens sorbin and SH3 domain containing 2 (SORBS2), transcript variant 1, mRNA; gi|2245868

transcript variant 3, mRNA;





mRNA;  
(FKBP5), transcript variant 4, mRNA;  
G protein-coupled receptor 56 (GPR56), transcript variant 4, mRNA; gi|224809309|ref|NM\_005682.5|

Homo sapiens homer homolog 3 (Drosophila) (HOMER3), transcript variant 1, mRNA; gi|224809407|ref|

RAI14), transcript variant 1, mRNA; gi|224809469|ref|NM\_001145520.1| Homo sapiens retinoic acid in

l dominant) (OPA1), nuclear gene encoding mitochondrial protein, transcript variant 4, mRNA; gi|22483

it 2, mRNA; gi|224831259|ref|NM\_001005746.2| Homo sapiens calcium channel, voltage-dependent, l

SH2B1), transcript variant 5, mRNA; gi|224926827|ref|NM\_001145796.1| Homo sapiens SH2B adaptor  
sapiens SRY (sex determining region Y)-box 6 (SOX6), transcript variant 2, mRNA;

itor 1 (MTFR1), nuclear gene encoding mitochondrial protein, transcript variant 3, mRNA;  
apiens FK506 binding protein 9-like (FKBP9L), transcript variant 1, non-coding RNA;  
BO1), transcript variant 2, mRNA;

4994196|ref|NM\_001145851.1| Homo sapiens prominin 1 (PROM1), transcript variant 5, mRNA; gi|224

-coding RNA;

ember 2 (APBB2), transcript variant 6, mRNA; gi|260593734|ref|NM\_001166052.1| Homo sapiens amy  
ounit (S. cerevisiae) (POP1), transcript variant 2, mRNA;

dylethanolamine N-methyltransferase (PEMT), nuclear gene encoding mitochondrial protein, transcript \

62.3 | Homo sapiens Smith-Magenis syndrome chromosome region, candidate 7 (SMCR7), nuclear gene

L4 (MRPL4), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;

lrolase 1b, catalytic subunit 3 (29kDa) (PAFAH1B3), transcript variant 1, mRNA;

(SLCO1C1), transcript variant 2, mRNA; gi|225543115|ref|NM\_001145945.1| Homo sapiens solute carr

Homo sapiens SUMO1 activating enzyme subunit 1 (SAE1), transcript variant 3, mRNA;

it 2, mRNA;

ride transporters), member 4 (SLC12A4), transcript variant 3, mRNA; gi|225579064|ref|NM\_001145963

ogenase 13 (all-trans/9-cis) (RDH13), transcript variant 4, non-coding RNA; gi|225579079|ref|NR\_02738

(IGFALS), transcript variant 1, mRNA;

(SLCO5A1), transcript variant 2, mRNA;

or (John Milton Hagen blood group) (SEMA7A), transcript variant 1, mRNA;

· family 13 (sodium-dependent dicarboxylate transporter), member 2 (SLC13A2), transcript variant 2, mF

498|ref|NR\_027394.1| Homo sapiens tight junction associated protein 1 (peripheral) (TJAP1), transcript

transcript variant 4, mRNA; gi|225690599|ref|NM\_000345.3| Homo sapiens synuclein, alpha (non A4 comp  
'), transcript variant 2, mRNA; gi|225703036|ref|NM\_001146082.1| Homo sapiens membrane bound C

ein, transcript variant 1, mRNA;

95|ref|NM\_012130.2| Homo sapiens claudin 14 (CLDN14), transcript variant 2, mRNA;

ous laevis) (MIER1), transcript variant 10, mRNA; gi|225735618|ref|NM\_001146113.1| Homo sapiens n  
iant 5, mRNA; gi|225735623|ref|NM\_206891.2| Homo sapiens DIP2 disco-interacting protein 2 homolc

transcript variant 3, mRNA; gi|226053184|ref|NM\_001146187.1| Homo sapiens paternally expressed 3

8.1| Homo sapiens uncharacterized LOC219347 (LOC219347), transcript variant 1, non-coding RNA; gi|2

mo sapiens TatD DNase domain containing 3 (TATDN3), transcript variant 3, mRNA; gi|226061613|ref|I  
Homo sapiens FANCD2/FANCI-associated nuclease 1 (FAN1), transcript variant 2, mRNA;

sapiens RAS guanyl releasing protein 4 (RASGRP4), transcript variant c, mRNA; gi|133930779|ref|NM\_1:

| Homo sapiens TBC1 domain family, member 15 (TBC1D15), transcript variant 3, mRNA;

rotein-coupled receptor 85 (GPR85), transcript variant 4, mRNA;

hormone-binding globulin (SHBG), transcript variant 2, mRNA; gi|226371612|ref|NM\_001146281.1| Homo sapiens transcription factor 7-like 2 (Tcf7l2), transcript variant 4, mRNA; gi|309384253|ref|NM\_001198527.1|

gi|226371713|ref|NM\_001146104.1| Homo sapiens poly (ADP-ribose) polymerase family, member 9 (PARP9), transcript variant 1, mRNA;

P4K2C), transcript variant 3, mRNA; gi|226371736|ref|NM\_024779.4| Homo sapiens phosphatidylinositol 3-kinase, class II (PI3K-III), transcript variant 3, mRNA; gi|226371736|ref|NM\_024779.4|

| Homo sapiens neutral cholesterol ester hydrolase 1 (NCEH1), transcript variant 3, mRNA; Homo sapiens apoptosis-inducing factor, mitochondrion-associated, 3 (AIFM3), transcript variant 4, non-coding RNA; gi|110227850|ref|NM\_001042469.1|

modifying factor 2 (SUMF2), transcript variant 2, mRNA; gi|110227850|ref|NM\_001042469.1| Homo sapiens

gi|226442701|ref|NM\_031279.3| Homo sapiens alanine-glyoxylate aminotransferase 2-like 1 (AGXT2L

o sapiens lysine (K)-specific demethylase 4C (KDM4C), transcript variant 1, mRNA;

VI domain containing 3 (GRAMD3), transcript variant 4, mRNA; gi|226443016|ref|NM\_001146320.1| H

COG), transcript variant 4, mRNA; gi|226528394|ref|NM\_001153663.1| Homo sapiens short coiled-coil

transcript variant 1, mRNA;



ent) (PLA2G4C), transcript variant 1, mRNA;

int 5, mRNA; gi|338827695|ref|NM\_001242839.1| Homo sapiens guanylate kinase 1 (GUK1), transcript

PL2), transcript variant 1, mRNA;

2, mRNA;

or component (CRCP), transcript variant 1, mRNA; gi|100913027|ref|NM\_001040648.1| Homo sapiens

VA;

in (SYNCRIP), transcript variant 7, mRNA; gi|228008290|ref|NM\_006372.4| Homo sapiens synaptotagm

our and a half LIM domains 1 (FHL1), transcript variant 1, mRNA; gi|228480220|ref|NM\_001159703.1|

riant 4, mRNA; gi|229577032|ref|NM\_001159707.1| Homo sapiens butyrophilin-like 8 (BTNL8), transcr

.| Homo sapiens ADAM metalloproteinase domain 9 (ADAM9), transcript variant 2, non-coding RNA;

iens ATP1A1 opposite strand (ATP1A1OS), transcript variant 2, non-coding RNA; gi|198041787|ref|NR\_  
L| Homo sapiens fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability

.10.1 | Homo sapiens nitric oxide synthase 3 (endothelial cell) (NOS3), transcript variant 3, mRNA;

variant 3, mRNA;

, mRNA;

variant 1, mRNA;

), transcript variant 2, mRNA; gi|23397680|ref|NM\_013447.2| Homo sapiens egf-like module containin

cript variant A, mRNA;

ember 5 (KCNQ5), transcript variant 3, mRNA; gi|236462078|ref|NM\_001160133.1| Homo sapiens pot

riant HRG-beta2b, mRNA; gi|236460832|ref|NM\_013956.3| Homo sapiens neuregulin 1 (NRG1), trans

ZNF138), transcript variant 4, non-coding RNA;

, mRNA; gi|237649118|ref|NM\_001160170.1| Homo sapiens N-acetyltransferase 1 (arylamine N-acety

id receptor 1 (brain) (CNR1), transcript variant 4, mRNA; gi|237681066|ref|NM\_001160226.1| Homo sa  
ref|NM\_015834.3| Homo sapiens adenosine deaminase, RNA-specific, B1 (ADARB1), transcript variant :  
tNA;

aset (BRCA1), transcript variant 6, non-coding RNA; gi|237681124|ref|NM\_007299.3| Homo sapiens br

4, mRNA;  
transcript variant 7, mRNA; gi|237757264|ref|NR\_027689.1| Homo sapiens ceramide kinase-like (CERK)

cent kinase 10 (CDK10), transcript variant e, non-coding RNA; gi|237858574|ref|NM\_052987.3| Homo  
170 (RNF170), transcript variant 1, mRNA; gi|237858637|ref|NR\_027668.1| Homo sapiens ring finger p  
v1\_001160113.1| Homo sapiens chromosome 15 open reading frame 40 (C15orf40), transcript variant 2  
ig protein (RPAIN), transcript variant 9, non-coding RNA; gi|237858697|ref|NM\_001160243.1| Homo s

50036270|ref|NM\_004019.2| Homo sapiens dystrophin (DMD), transcript variant Dp40, mRNA; gi|2380  
IA; gi|219279766|ref|NR\_024629.1| Homo sapiens IDI2 antisense RNA 1 (non-protein coding) (IDI2-AS1

otransferase 1 (TRPT1), transcript variant 2, mRNA; gi|238550168|ref|NM\_001160393.1| Homo sapien

3P1), transcript variant 2, mRNA;

um large conductance calcium-activated channel, subfamily M, alpha member 1 (KCNMA1), transcript v2

58059|ref|NM\_001256542.1| Homo sapiens LIM and senescent cell antigen-like domains 2 (LIMS2), tra  
protein-coupled receptor 17 (GPR17), transcript variant 3, mRNA;  
number A1 (ALDH4A1), nuclear gene encoding mitochondrial protein, transcript variant P5CDhL, mRNA;

or 2 receptor, alpha, low-affinity (granulocyte-macrophage) (CSF2RA), transcript variant 4, mRNA; gi|238

ne homolog F (avian) (MAFF), transcript variant 4, mRNA; gi|239048389|ref|NM\_001161574.1| Homo  
ing finger domains, E3 ubiquitin protein ligase (CHFR), transcript variant 3, mRNA; gi|239048906|ref|NI  
ens malic enzyme 3, NADP(+)-dependent, mitochondrial (ME3), nuclear gene encoding mitochondrial pr  
t variant 1, mRNA;



nRNA; gi|239735520|ref|NM\_001130159.2| Homo sapiens storkhead box 1 (STOX1), transcript variant

ens TRAF2 and NCK interacting kinase (TNIK), transcript variant 6, mRNA; gi|239735591|ref|NM\_00116

2NF611), transcript variant 4, mRNA;

2NF610), transcript variant 1, mRNA;

4;

1 containing 2A (SH2D2A), transcript variant 3, mRNA; gi|239787761|ref|NM\_001161443.1| Homo sapiant 2, mRNA;

t variant 3, non-coding RNA;

;y domain containing, family M (with RUN domain) member 1 (PLEKHM1), transcript variant 2, non-codi

variant 4, mRNA; gi|239915986|ref|NM\_001161728.1| Homo sapiens phospholipase A2, group IIA (pl

3.1| Homo sapiens pyruvate dehydrogenase phosphatase catalytic subunit 1 (PDP1), nuclear gene encodi

:OL6A3), transcript variant 4, mRNA; gi|190343014|ref|NM\_004369.3| Homo sapiens collagen, type VI,

OL3), transcript variant alpha/d, mRNA; gi|240849182|ref|NR\_027834.1| Homo sapiens apolipoprotein

iant 1, mRNA; gi|240849346|ref|NM\_178587.2| Homo sapiens protein phosphatase 2, regulatory subu

riant 2, mRNA;

A;

c oxidase assembly homolog (yeast) (COX11), nuclear gene encoding mitochondrial protein, transcript \

; gi|242247131|ref|NR\_027948.1| Homo sapiens ELKS/RAB6-interacting/CAST family member 1 (ERC1).

t 3, non-coding RNA;

1, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6D (SEMA6D), transcript variant

: d, mRNA; gi|244790019|ref|NM\_001162953.1| Homo sapiens synaptotagmin-like 2 (SYTL2), transcrip

member 2 (KCNC2), transcript variant 1, mRNA;

(KCNJ1), transcript variant rom-k1, mRNA; gi|24497468|ref|NM\_153765.1| Homo sapiens potassium in

1 (HYAL1), transcript variant 8, mRNA; gi|24497567|ref|NM\_153283.1| Homo sapiens hyaluronogluc

RNA; gi|24797113|ref|NM\_153768.1| Homo sapiens calcium binding tyrosine-(Y)-phosphorylation regu

al 2 (GFM2), nuclear gene encoding mitochondrial protein, transcript variant 3, mRNA;

it 11, non-coding RNA; gi|77873712|ref|NM\_145654.3| Homo sapiens RAD52 motif 1 (RDM1), transcri

425|ref|NM\_004956.4| Homo sapiens ets variant 1 (ETV1), transcript variant 1, mRNA; gi|253683432|

26.1| Homo sapiens CREB/ATF bZIP transcription factor (CREBZF), transcript variant 4, non-coding RNA,

NA; gi|253735811|ref|NM\_175721.3| Homo sapiens thyroid peroxidase (TPO), transcript variant 4, mRNA; variant 1, mRNA;

|253795489|ref|NM\_001163259.1| Homo sapiens family with sequence similarity 63, member A (FAM

R\_028038.1| Homo sapiens GATS, stromal antigen 3 opposite strand (GATS), transcript variant 2, non-coding

sapiens Ewing sarcoma breakpoint region 1 (EWSR1), transcript variant 5, mRNA; gi|253970501|ref|NM

236|ref|NM\_001163296.1| Homo sapiens MAP/microtubule affinity-regulating kinase 2 (MARK2), transcript

Homo sapiens MTERF domain containing 2 (MTERFD2), transcript variant 1, mRNA;

Homo sapiens coiled-coil domain containing 120 (CCDC120), transcript variant 1, mRNA;



| Homo sapiens scavenger receptor class F, member 1 (SCARF1), transcript variant 3, mRNA; gi|254281:

mRNA; gi|254540110|ref|NM\_001163418.1| Homo sapiens family with sequence similarity 172, memk

025230.4| Homo sapiens DDB1 and CUL4 associated factor 11 (DCAF11), transcript variant 1, mRNA; gi|2

ons DDB1 and CUL4 associated factor 4 (DCAF4), transcript variant 4, mRNA; gi|254553451|ref|NM\_001  
|. | Homo sapiens DDB1 and CUL4 associated factor 8 (DCAF8), transcript variant 3, non-coding RNA; gi|254  
domain containing kinase (TBCK), transcript variant 4, mRNA;  
in-like 1 (ITPRIPL1), transcript variant 4, mRNA; gi|254587897|ref|NM\_178495.5| Homo sapiens inositc

mRNA; gi|254587993|ref|NM\_001163547.1| Homo sapiens synergin, gamma (SYNRG), transcript varia

ariant 2, mRNA; gi|349585159|ref|NR\_045209.1| Homo sapiens dihydrolipoamide S-succinyltransferas

ding RNA; gi|343887343|ref|NM\_001243645.1| Homo sapiens cofilin 2 (muscle) (CFL2), transcript varia

ductance calcium-activated channel, subfamily M beta member 3 (KCNMB3), transcript variant 6, non-c

is exocyst complex component 7 (EXOC7), transcript variant 6, mRNA; gi|254750686|ref|NM\_0011452

RNA;

RN), transcript variant 3, mRNA;

riant 2, mRNA;

63814.1 | Homo sapiens chromosome 10 open reading frame 2 (C10orf2), transcript variant 4, mRNA;

t 1, mRNA;

3.2 | Homo sapiens RAB37, member RAS oncogene family (RAB37), transcript variant 2, mRNA;

MDS1 and EVI1 complex locus (MECOM), transcript variant 4, mRNA; gi|255683389|ref|NM\_0011640

transcript variant 1, mRNA; gi|255708372|ref|NM\_001163993.1 | Homo sapiens ATP-binding cassette, sul  
nouse) (MOV10L1), transcript variant 2, mRNA; gi|255759907|ref|NM\_001164105.1 | Homo sapiens M  
L64114.1 | Homo sapiens Cas scaffolding protein family member 4 (CASS4), transcript variant 3, mRNA;

DR81), transcript variant 1, mRNA;

homolog subunit 7A (Arabidopsis) (COPS7A), transcript variant 3, mRNA; gi|255760065|ref|NM\_001164

cript variant 1, mRNA;

3197|ref|NM\_001164163.1| Homo sapiens protein phosphatase 6, regulatory subunit 3 (PPP6R3), trans

ot variant 1, mRNA;

l homolog (*S. cerevisiae*) (RAD51), transcript variant 3, mRNA;

nscript variant 1, mRNA;

4) domain containing 1 (LRCH1), transcript variant 2, mRNA;

ate transporter), member 4 (SLC37A4), transcript variant 4, mRNA; gi|256219597|ref|NM\_001164280.1

: 2, mRNA;

iscript variant 1, mRNA; gi|33519435|ref|NM\_182849.1| Homo sapiens cyclin B1 interacting protein 1,

ariant 1, mRNA; gi|256418992|ref|NM\_014393.2| Homo sapiens stau68, RNA binding protein, homolog

A; gi|256600197|ref|NM\_001164387.1| Homo sapiens Rap guanine nucleotide exchange factor (GEF) €

mport factor 1 (EIF4ENIF1), transcript variant 1, mRNA;

it 3, mRNA; gi|256818818|ref|NM\_001017958.2| Homo sapiens osteosarcoma amplified 9, endoplasm

l.1 | Homo sapiens TSNAX-DISC1 readthrough (TSNAX-DISC1), transcript variant 2, non-coding RNA; gi|257153458|ref|NM\_001164537.1| Homo sapiens

in schizophrenia 1 (DISC1), transcript variant 1, mRNA; gi|257153458|ref|NM\_001164537.1| Homo sapiens

57195183|ref|NR\_028406.1| Homo sapiens FXFD domain containing ion transport regulator 5 (FXFD5),

non-coding RNA;

sapiens mitogen-activated protein kinase 10 (MAPK10), transcript variant 4, mRNA;  
1), transcript variant 4, mRNA; gi|257467609|ref|NM\_001164645.1| Homo sapiens surfactant protein

member 4 (MAST4), transcript variant 2, mRNA;

135), transcript variant 3, mRNA; gi|257470991|ref|NM\_001164529.1| Homo sapiens zinc finger protein

okine (C-C motif) receptor 3 (CCR3), transcript variant 3, mRNA;

5), transcript variant 1, mRNA;

15), transcript variant 3, mRNA;

ncoding mitochondrial protein, transcript variant 2, mRNA; gi|257796259|ref|NR\_028435.1| Homo sapi

ipt variant 2, mRNA;

piens platelet-activating factor receptor (PTAFR), transcript variant 1, mRNA;

, nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|257900517|ref|NM\_001:  
4\_001164344.1| Homo sapiens zinc finger and BTB domain containing 20 (ZBTB20), transcript variant 4,



61|ref|NR\_028464.1| Homo sapiens ataxin 3 (ATXN3), transcript variant v, non-coding RNA; gi|189163

l-terminal) member 8 (RASSF8), transcript variant 3, mRNA; gi|258613930|ref|NM\_001164747.1| Homo sapiens aspartate hydroxylase (ASPH), transcript variant 8, mRNA; gi|258613940|ref|NM\_032466.3| Homo sapiens aspar

kinase, isoform 1B), transcript variant 5, mRNA; gi|258613974|ref|NM\_001164762.1| Homo sapiens protein kinase, c

ation amino acid transporter, y+ system), member 2 (SLC7A2), transcript variant 1, mRNA; gi|258614016|ref|NR\_028464.1| Homo sapiens nuclear gene encoding mitochondrial protein, transcript variant a, mRNA; gi|258614016|ref|NR\_028464.1|

ute carrier family 25 (S-adenosylmethionine carrier), member 26 (SLC25A26), transcript variant 3, non-coding RNA; gi|258645161|ref|NM\_000869.5| Homo sapiens RNA binding motif protein, X-linked (RBMX), transcript variant 3, non-coding RNA; gi|258645161|ref|NM\_000869.5| Homo sapiens 5-hydroxytryptamine (serotonin) receptor 1A, transcript variant 3, mRNA; gi|258645161|ref|NM\_000869.5|

t variant 5, mRNA; gi|258679485|ref|NM\_001738.3| Homo sapiens carbonic anhydrase I (CA1), transcript variant 5, mRNA; gi|258679485|ref|NM\_001738.3|

RNF182), transcript variant 3, mRNA; gi|258679485|ref|NM\_001738.3| Homo sapiens oxoglutarate (alpha-ketoglutarate) dehydrogenase (lipoamide) (OGDH), isoform 1, transcript variant 3, mRNA; gi|258679485|ref|NM\_001738.3| Homo sapiens oxoglutarate (alpha-ketoglutarate) dehydrogenase (lipoamide) (OGDH), isoform 1, transcript variant 3, mRNA; gi|258679485|ref|NM\_001738.3|

2 (LYRM2), transcript variant 2, non-coding RNA;

1), transcript variant 3, mRNA;

ens ubiquitin-conjugating enzyme E2D 3 (UBE2D3), transcript variant 7, mRNA; gi|33149317|ref|NM\_1  
pt variant 1, mRNA; gi|259155314|ref|NM\_001165417.1| Homo sapiens solute carrier family 25 (mitoc  
9155321|ref|NR\_028503.1| Homo sapiens MIR22 host gene (non-protein coding) (MIR22HG), transcrip

58 (ZNF268), transcript variant 2, mRNA; gi|298358576|ref|NM\_001165882.2| Homo sapiens zinc finge

ef|NM\_001164817.1| Homo sapiens apoptotic chromatin condensation inducer 1 (ACIN1), transcript va

in coding) (PART1), transcript variant 3, non-coding RNA;

, mRNA; gi|260166634|ref|NM\_001165964.1| Homo sapiens sodium channel, voltage-gated, type I, alfa

Homo sapiens STE20-related kinase adaptor alpha (STRADA), transcript variant 4, mRNA; gi|260166665

isomerase 2 (ECI2), transcript variant 1, mRNA;

s 1, RH-linked) (EPB41), transcript variant 6, mRNA; gi|260436830|ref|NM\_001166005.1| Homo sapien

50 (ZNF260), transcript variant 2, mRNA;

tor type A (EDNRA), transcript variant 4, non-coding RNA;

t variant 2, mRNA; gi|260593724|ref|NM\_001166049.1| Homo sapiens excision repair cross-compleme

260656040|ref|NM\_001166113.1| Homo sapiens patatin-like phospholipase domain containing 6 (PNF

sapiens lymphoid enhancer-binding factor 1 (LEF1), transcript variant 1, mRNA;

ring 1 (GDPD1), transcript variant 3, mRNA;

, catalytic polypeptide-like 3H (APOBEC3H), transcript variant 3, mRNA; gi|260763895|ref|NM\_001166  
ipt variant 3, mRNA;

rotein, transcript variant 1, mRNA;

ar gene encoding mitochondrial protein, transcript variant 2, mRNA;

.244903|ref|NM\_001166162.1| Homo sapiens protein phosphatase 1, regulatory subunit 9A (PPP1R9A)

.244920|ref|NM\_001166167.1| Homo sapiens NIMA (never in mitosis gene a)-related kinase 6 (NEK6),

49|ref|NM\_001166240.1| Homo sapiens cell growth regulator with EF-hand domain 1 (CGREF1), trans

o sapiens thromboxane A synthase 1 (platelet) (TBXAS1), transcript variant 6, non-coding RNA; gi|26127

ariant 1, mRNA; gi|261337172|ref|NM\_001166266.1| Homo sapiens latent transforming growth factor

\_029403.1| Homo sapiens chaperonin containing TCP1, subunit 7 (eta) (CCT7), transcript variant 6, non-

|NM\_004342.6| Homo sapiens caldesmon 1 (CALD1), transcript variant 2, mRNA;

membrane protein 44 (TMEM44), transcript variant 3, mRNA;

ltransferase (MFNG), transcript variant 2, mRNA;

g mitochondrial protein, transcript variant 1, mRNA; gi|261862355|ref|NR\_029417.1| Homo sapiens se  
cerevisiae) (PAN2), transcript variant 3, mRNA;

ns RGM domain family, member A (RGMA), transcript variant 2, mRNA; gi|261878451|ref|NM\_020211  
mRNA; gi|261878470|ref|NM\_001166293.1| Homo sapiens synovial sarcoma, X breakpoint 2 interacti

ochondrial translational initiation factor 3 (MTIF3), nuclear gene encoding mitochondrial protein, transcr

:8), transcript variant 6, mRNA; gi|262073099|ref|NM\_001166422.1| Homo sapiens histone deacetylas

ef|NM\_002436.3| Homo sapiens membrane protein, palmitoylated 1, 55kDa (MPP1), transcript variant

cript 1 (LST1), transcript variant 7, non-coding RNA; gi|262118323|ref|NM\_205837.2| Homo sapiens le















5348.1 | Homo sapiens solute carrier family 26, member 11 (SLC26A11), transcript variant 3, mRNA;









ranscript variant 1, mRNA;

A;

30697.1 | Homo sapiens trafficking protein particle complex 1 (TRAPPC1), transcript variant 4, non-coding RNA

transcript variant 3, mRNA;

transcript variant 7, mRNA;

family glutamate transporter), member 3 (SLC1A3), transcript variant 1, mRNA;

gi|262359946|ref|NM\_001166699.1 | Homo sapiens family with sequence similarity 104, member B (

family C, member 7 (TRPC7), transcript variant 3, mRNA;

1029939.3 | Homo sapiens zinc finger and AT hook domain containing (ZFAT), transcript variant 3, mRNA;

ef|NM\_080741.2| Homo sapiens sialidase 4 (NEU4), transcript variant 1, mRNA;

elated peptidase 11 (KLK11), transcript variant 2, mRNA;

f|NM\_001048194.2| Homo sapiens regulator of chromosome condensation 1 (RCC1), transcript variant  
11), transcript variant 3, mRNA; gi|263191547|ref|NM\_000249.3| Homo sapiens mutL homolog 1, colo

na (LPP), transcript variant 2, mRNA;

t variant 3, non-coding RNA;

iructokinase, muscle (PFKM), transcript variant 1, mRNA;  
2, mRNA;

e (AMACR), nuclear gene encoding mitochondrial protein, transcript variant 3, mRNA;

o sapiens bladder cancer associated protein (BLCAP), transcript variant 2, mRNA; gi|268370214|ref|NM

utative) (VARS2), transcript variant 1, mRNA;

gi|268607513|ref|NM\_001167858.1| Homo sapiens protein phosphatase 1, regulatory subunit 12B (

gi|268831936|ref|NM\_001167869.1| Homo sapiens ATP5S-like (ATP5SL), transcript variant 3, mRNA; gi|268831

gi|267930167930.1| Homo sapiens interleukin 1 receptor accessory protein (IL1RAP), transcript variant 5, mRNA;

omo sapiens cerebral cavernous malformation 2 (CCM2), transcript variant 1, mRNA; gi|269308187|ref

mRNA; gi|148226484|ref|NM\_201590.2| Homo sapiens calcium channel, voltage-dependent, beta 2 subunit (CAC

ref|NM\_206884.2| Homo sapiens solute carrier family 26, member 5 (prestin) (SLC26A5), transcript var

NT2B), transcript variant 3, mRNA; gi|269784674|ref|NM\_024917.5| Homo sapiens TRM2 tRNA methyl









(VEPH1), transcript variant 4, mRNA; gi|269847557|ref|NM\_001167912.1| Homo sapiens ventricular z

cript variant e, mRNA; gi|269847785|ref|NM\_001168238.1| Homo sapiens v-abl Abelson murine leuke

containing 1 (OCIAD1), transcript variant 1, mRNA; gi|269914126|ref|NM\_001079841.2| Homo sapien

osophila) (KLHL13), transcript variant 3, mRNA; gi|269973868|ref|NM\_001168302.1| Homo sapiens ke

ng RNA;

A;

1168322.1| Homo sapiens CD300 molecule-like family member g (CD300LG), transcript variant 4, mRNA/

1\_001003700.1| Homo sapiens ras responsive element binding protein 1 (RREB1), transcript variant 4, n

2 (juvenile) chromosome region, candidate 11 (ALS2CR11), transcript variant 4, mRNA; gi|270133250|r

01168482.1| Homo sapiens tetratricopeptide repeat domain 39B (TTC39B), transcript variant 2, mRNA; gi|27026

in 11 X-linked (PCDH11X), transcript variant e, mRNA; gi|270288730|ref|NM\_001168363.1| Homo sapi

omo sapiens NOP2/Sun domain family, member 5 (NSUN5), transcript variant 1, mRNA;

ked 2 (BEX2), transcript variant 4, mRNA;

domain containing 2 (MAP7D2), transcript variant 3, mRNA;

031739.2| Homo sapiens ankyrin repeat and SOCS box containing 9 (ASB9), transcript variant 1, mRNA;

01168482.1| Homo sapiens armadillo repeat containing, X-linked 5 (ARMCX5), transcript variant 6, mRN

K1), transcript variant 3, mRNA;  
l, transcript variant 2, mRNA; gi|27437014|ref|NM\_006549.3| Homo sapiens calcium/calmodulin-depe

ineurin-dependent 1 (NFATC1), transcript variant 4, mRNA; gi|27502385|ref|NM\_172387.1| Homo sap

'7|ref|NM\_173089.1| Homo sapiens calpain 3, (p94) (CAPN3), transcript variant 5, mRNA; gi|27765075

rotein tyrosine kinase 7 (PTK7), transcript variant PTK7-3, mRNA;  
ated), member 5 (KCNH5), transcript variant 3, mRNA;

03.1 | Homo sapiens interleukin 37 (IL37), transcript variant 3, mRNA;

o sapiens SCO cytochrome oxidase deficient homolog 2 (yeast) (SCO2), nuclear gene encoding mitochon

mRNA; gi|281306723|ref|NM\_014927.3| Homo sapiens connector enhancer of kinase suppressor of R  
LG13), transcript variant 10, mRNA; gi|270309168|ref|NM\_001039210.3| Homo sapiens asparagine-lin

8.1 | Homo sapiens myelin oligodendrocyte glycoprotein (MOG), transcript variant alpha6, mRNA; gi|28

1 (CDK1), transcript variant 1, mRNA;

74878.2| Homo sapiens clarin 1 (CLRN1), transcript variant 1, mRNA;

;phoglycerate mutase family member 5 (PGAM5), nuclear gene encoding mitochondrial protein, transcri

3 (NAD+) beta (IDH3B), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA;

d factor homeobox 1 (TGIF1), transcript variant 1, mRNA; gi|28178848|ref|NM\_173208.1| Homo sapiei

mily, member 2 (AFF2), transcript variant 6, mRNA; gi|282165690|ref|NM\_001169122.1| Homo sapien

TMED5), transcript variant 3, non-coding RNA;

8.1| Homo sapiens mindbomb E3 ubiquitin protein ligase 2 (MIB2), transcript variant 4, mRNA; gi|28235

erase (HHAT), transcript variant 3, mRNA; gi|282395055|ref|NM\_001122834.2| Homo sapiens hedgehog

170719.1| Homo sapiens breast cancer anti-estrogen resistance 1 (BCAR1), transcript variant 7, mRNA; {  
70722.1| Homo sapiens chromosome 1 open reading frame 49 (C1orf49), transcript variant 2, mRNA;

t kinase 20 (CDK20), transcript variant 1, mRNA; gi|282402174|ref|NM\_001170639.1| Homo sapiens cy

no sapiens muscleblind-like splicing regulator 3 (MBNL3), transcript variant 1, mRNA; gi|282721005|ref

307.4 | Homo sapiens sushi-repeat containing protein, X-linked (SRPX), transcript variant 1, mRNA;

omo sapiens zinc finger, AN1-type domain 1 (ZFAND1), transcript variant 3, mRNA; gi|282847407|ref|NM\_001163401.1|

66600.2 | Homo sapiens protein (peptidylprolyl cis/trans isomerase) NIMA-interacting, 4 (parvulin) (PIN4), nuclear gene

piens spermatogenesis associated 22 (SPATA22), transcript variant 2, mRNA; gi|282847497|ref|NM\_00

01170782.1| Homo sapiens family with sequence similarity 122C (FAM122C), transcript variant 5, mRNA/

A; gi|283046679|ref|NM\_001170792.1| Homo sapiens family with sequence similarity 82, member A1

:83046700|ref|NM\_052879.4| Homo sapiens La ribonucleoprotein domain family, member 4 (LARP4), t

anscript variant 3, non-coding RNA; gi|283046787|ref|NR\_033201.1| Homo sapiens HOXB cluster antis

i|283046821|ref|NM\_002259.4| Homo sapiens killer cell lectin-like receptor subfamily C, member 1 (KI

RNA;

iens G protein-coupled receptor 137 (GPR137), transcript variant 3, mRNA; gi|283135241|ref|NM\_0011

0961.1| Homo sapiens immunoglobulin superfamily, member 1 (IGSF1), transcript variant 3, mRNA; gi|2  
e family, AAA domain containing 3A (ATAD3A), nuclear gene encoding mitochondrial protein, transcript \

50|ref|NM\_130391.3| Homo sapiens protein tyrosine phosphatase, receptor type, D (PTPRD), transcrip



A; gi|283837796|ref|NM\_001171111.1| Homo sapiens family with sequence similarity 133, member A

.| Homo sapiens sialic acid binding Ig-like lectin 10 (SIGLEC10), transcript variant 5, mRNA; gi|283837885|ref|NM\_001171111.1| Homo sapiens family with sequence similarity 133, member A (FAM3A)  
{ (ZMYM3), transcript variant 1, mRNA;

;  
1| Homo sapiens chemokine (C-X3-C motif) receptor 1 (CX3CR1), transcript variant 2, mRNA;

sion, Drosophila)-like 2 (Hu antigen B) (ELAVL2), transcript variant 1, mRNA;  
:83945607|ref|NM\_001171134.1| Homo sapiens family with sequence similarity 3, member A (FAM3A)

ubiquitin associated protein 1 (UBAP1), transcript variant 5, mRNA; gi|284005218|ref|NR\_033243.2| Homo sapiens

36|ref|NM\_001171167.1| Homo sapiens calmodulin binding transcription activator 2 (CAMTA2), transcript

ing 2 (GDPD2), transcript variant 4, mRNA; gi|284055239|ref|NM\_001171191.1| Homo sapiens glycerol

284055254|ref|NM\_174963.2| Homo sapiens ST3 beta-galactoside alpha-2,3-sialyltransferase 3 (ST3G

3416916|ref|NM\_016318.2| Homo sapiens purinergic receptor P2X, ligand-gated ion channel, 2 (P2RX2

e-like (PREPL), transcript variant 2, mRNA; gi|284172437|ref|NM\_001171617.1| Homo sapiens prolyl e

Homo sapiens vascular endothelial growth factor A (VEGFA), transcript variant 7, mRNA; gi|284172452|  
ens nitric oxide synthase trafficker (NOSTRIN), transcript variant 4, mRNA;

.HL5), transcript variant 3, mRNA;

5 reductase 3 (CYB5R3), transcript variant 2, mRNA; gi|284448550|ref|NM\_001171660.1| Homo sapie

01171796.1| Homo sapiens chromosome 8 open reading frame 83 (C8orf83), transcript variant 1, mRN

script variant 2, mRNA; gi|284807151|ref|NM\_001171812.1| Homo sapiens glucosidase, beta, acid (GB  
|284807156|ref|NM\_001171819.1| Homo sapiens peroxisome proliferator-activated receptor delta (P

IM\_001171908.1| Homo sapiens chromosome X open reading frame 40A (CXorf40A), transcript variant

t variant 5, mRNA; gi|284925137|ref|NM\_001171935.1| Homo sapiens cadherin-related 23 (CDH23), ti  
ra 2 (GLRA2), transcript variant 2, mRNA;

Homo sapiens Sad1 and UNC84 domain containing 1 (SUN1), transcript variant 3, mRNA; gi|284925162

UDT16), transcript variant 4, non-coding RNA; gi|285026436|ref|NM\_001171905.1| Homo sapiens nu

ranscript variant 1, mRNA; gi|287326621|ref|NM\_001172131.1| Homo sapiens hemopoietic cell kinase  
iant 3, non-coding RNA;

BT1C, non-coding RNA; gi|288557326|ref|NR\_033314.1| Homo sapiens BDNF antisense RNA 1 (non-pr  
|ref|NM\_001172222.1| Homo sapiens sex comb on midleg homolog 1 (Drosophila) (SCMH1), transcript

rotein coding) (MIAT), transcript variant 3, non-coding RNA; gi|288682978|ref|NR\_003491.2| Homo sap

rotein L43 (MRPL43), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|28872

mRNA;

4003.2| Homo sapiens SLIT and NTRK-like family, member 2 (SLITRK2), transcript variant 2, mRNA; gi|28

POZ) domain containing 9 (BTBD9), transcript variant 1, mRNA;

7 (Drosophila) (KLHL7), transcript variant 1, mRNA; gi|289063408|ref|NM\_018846.4| Homo sapiens ke

4; gi|289063482|ref|NM\_001172111.1| Homo sapiens SUMO/sentrin specific peptidase family membe

neurotransmitter transporter, noradrenalin), member 2 (SLC6A2), transcript variant 4, mRNA; gi|28919:  
transcript variant 3, non-coding RNA;

rator complex subunit 9 (INTS9), transcript variant 4, mRNA;

mRNA; gi|289546580|ref|NM\_001172568.1| Homo sapiens myeloid differentiation primary response g  
er 13 (KCNJ13), transcript variant 1, mRNA;

in binding protein 1 (EHBP1), transcript variant 2, mRNA;

is CUGBP, Elav-like family member 1 (CELF1), transcript variant 4, mRNA; gi|289547564|ref|NM\_00102:

\_001172657.1| Homo sapiens zinc finger, FYVE domain containing 28 (ZFYVE28), transcript variant 4, ml  
1172663.1| Homo sapiens RAB40C, member RAS oncogene family (RAB40C), transcript variant 1, mRNA  
4;  
NF668), transcript variant 3, mRNA;

[illegible]

ining, ARF binding protein 3 (GGA3), transcript variant 2, mRNA; gi|289577112|ref|NR\_033345.1| Homo  
JA;

23 homolog B (*S. cerevisiae*) (SEC23B), transcript variant 1, mRNA; gi|114520590|ref|NM\_032985.4| H

it variant 5, mRNA; gi|64762488|ref|NM\_173851.2| Homo sapiens solute carrier family 30 (zinc transp



1|ref|NM\_176798.1| Homo sapiens pyrimidinergic receptor P2Y, G-protein coupled, 6 (P2RY6), transcri

sapiens caveolin 1, caveolae protein, 22kDa (CAV1), transcript variant 1, mRNA;  
ein 619 (ZNF619), transcript variant 2, mRNA;  
lomo sapiens lipoxygenase homology domains 1 (LOXHD1), transcript variant 4, mRNA;

iRNA;

ot variant 1, mRNA;

rial (TK2), nuclear gene encoding mitochondrial protein, transcript variant 4, mRNA; gi|290656974|ref|I  
, transcript variant 5, non-coding RNA; gi|290660716|ref|NM\_021785.4| Homo sapiens retinoic acid ir

oiens QKI, KH domain containing, RNA binding (QKI), transcript variant 4, mRNA;

2, mRNA;

sapiens titin (TTN), transcript variant novex-2, mRNA; gi|291045224|ref|NM\_133378.4| Homo sapiens

, alpha 1 (COL13A1), transcript variant 15, mRNA; gi|194294531|ref|NM\_001130103.1| Homo sapiens

i|291045269|ref|NM\_003332.3| Homo sapiens TYRO protein tyrosine kinase binding protein (TYROBP)

uclear gene encoding mitochondrial protein, transcript variant 1, mRNA;  
in containing 9 (KLHDC9), transcript variant 3, non-coding RNA;

some recycling factor (MRRF), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;

translation elongation factor, mitochondrial (TSFM), nuclear gene encoding mitochondrial protein, trans

domain family, member 2 (TROVE2), transcript variant 2, mRNA; gi|291084621|ref|NM\_001042369.2

uvate dehydrogenase (lipoamide) alpha 1 (PDHA1), nuclear gene encoding mitochondrial protein, transcribed from the mitochondrial genome; gi|291084790|ref|NM\_001173539

ly member 21A (KIF21A), transcript variant 3, mRNA;

1 regulatory factor 5 (IRF5), transcript variant 5, mRNA; gi|38683858|ref|NM\_032643.3| Homo sapiens  
ember 1 (TCTN1), transcript variant 2, mRNA; gi|291190754|ref|NM\_001173976.1| Homo sapiens tecti

aluronidase, zona pellucida binding) (SPAM1), transcript variant 2, mRNA; gi|291290977|ref|NM\_0031  
LR3H), transcript variant 3, mRNA;  
ipt variant 1, mRNA;

or (C. elegans) (SMG7), transcript variant 2, mRNA; gi|291327482|ref|NM\_173156.2| Homo sapiens sm  
no sapiens GC-rich promoter binding protein 1 (GPBP1), transcript variant 2, mRNA;

ns bone morphogenetic protein 1 (BMP1), transcript variant 3, mRNA;  
!.1| Homo sapiens NLR family, pyrin domain containing 2 (NLRP2), transcript variant 3, mRNA;

omo sapiens polymerase (DNA directed), lambda (POLL), transcript variant 3, mRNA;

ir receptor coactivator 3 (NCOA3), transcript variant 4, mRNA;  
er 11 (SLC4A11), transcript variant 2, mRNA;

nic dyskinesia (PNKD), transcript variant 2, mRNA;

(SLC29A3), transcript variant 3, non-coding RNA; gi|291575130|ref|NM\_001174098.1| Homo sapiens :

(PCBP4), transcript variant 3, mRNA;

| Homo sapiens zinc finger E-box binding homeobox 1 (ZEB1), transcript variant 6, mRNA; gi|291575186

1174121.1| Homo sapiens zinc finger, FYVE domain containing 27 (ZFYVE27), transcript variant 6, mRNA

r protein 542 (ZNF542), transcript variant 1, non-coding RNA; gi|291621628|ref|NR\_024055.2| Homo s

NA;

sapiens ADP-ribosylation factor-like 13B (ARL13B), transcript variant 2, mRNA; gi|292658832|ref|NM\_

gi|212286119|ref|NM\_023946.2| Homo sapiens Ly6/neurotoxin 1 (LYNX1), transcript variant 1, mRNA  
 nt variant 4, mRNA;

|293336261|ref|NM\_138821.2| Homo sapiens peptidylglycine alpha-amidating monooxygenase (PAM) IA;

|ref|NM\_001177314.1| Homo sapiens related RAS viral (r-ras) oncogene homolog 2 (RRAS2), transcript

579|ref|NM\_201632.3| Homo sapiens transcription factor 7 (T-cell specific, HMG-box) (TCF7), transcrip  
pt variant F, mRNA; gi|293651599|ref|NM\_001177382.1| Homo sapiens cytoplasmic polyadenylation e

ily V, member 4 (TRPV4), transcript variant 1, mRNA; gi|294459960|ref|NM\_147204.2| Homo sapiens t

ref|NM\_021160.2| Homo sapiens abhydrolase domain containing 16A (ABHD16A), transcript variant 1, m  
iens sialic acid binding Ig-like lectin 6 (SIGLEC6), transcript variant 6, mRNA; gi|294774545|ref|NM\_198

s microtubule-associated protein tau (MAPT), transcript variant 4, mRNA; gi|322303746|ref|NM\_00126

nnan-binding lectin serine peptidase 1 (C4/C2 activating component of Ra-reactive factor) (MASP1), tran  
, subfamily A (NHE6, cation proton antiporter 6), member 6 (SLC9A6), transcript variant 2, mRNA;

.4| Homo sapiens RAP1 interacting factor homolog (yeast) (RIF1), transcript variant 1, mRNA;

riptide variant 1, mRNA; gi|295148140|ref|NM\_014483.3| Homo sapiens RNA binding motif, single stra

yltransferase 1 (GGT1), transcript variant 3, mRNA;

rier family 11 (proton-coupled divalent metal ion transporters), member 2 (SLC11A2), transcript variant

M\_022805.2| Homo sapiens small nuclear ribonucleoprotein polypeptide N (SNRPN), transcript variant

ens vitrin (VIT), transcript variant 4, mRNA;

script variant 1, mRNA;

A;

in, transcript variant 1, mRNA;

5842310|ref|NM\_201998.2| Homo sapiens splicing factor 1 (SF1), transcript variant 3, mRNA; gi|29584178037.1| Homo sapiens dipeptidyl-peptidase 10 (non-functional) (DPP10), transcript variant 4, mRNA;



(GABA receptor modulator, acyl-CoA binding protein) (DBI), transcript variant 6, mRNA; gi|120433592|r  
resistance 1, interferon-inducible protein p78 (mouse) (MX1), transcript variant 1, mRNA;

omain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6C (SEMA6C), transcript v:

onic LHRH factor (NELF), transcript variant 2, mRNA; gi|195972910|ref|NM\_001130970.1| Homo sapien

ef|NM\_001178075.1| Homo sapiens asparagine synthetase (glutamine-hydrolyzing) (ASNS), transcript v  
n 1 receptor antagonist (IL1RN), transcript variant 1, mRNA;

ption 6, interleukin-4 induced (STAT6), transcript variant 5, mRNA; gi|296010862|ref|NM\_003153.4| t

inked (ZFX), transcript variant 1, mRNA; gi|296010877|ref|NM\_001178084.1| Homo sapiens zinc finger

ant 5, mRNA; gi|296010899|ref|NM\_001178091.1| Homo sapiens branched chain amino-acid transami

2|ref|NM\_001178100.1| Homo sapiens CD8b molecule (CD8B), transcript variant 6, mRNA;

io.1| Homo sapiens secretory carrier membrane protein 5 (SCAMP5), transcript variant 4, non-coding R

l10.1| Homo sapiens zinc finger protein 185 (LIM domain) (ZNF185), transcript variant 6, mRNA; gi|2960

; gi|296010949|ref|NM\_001012752.2| Homo sapiens abl-interactor 1 (ABI1), transcript variant 4, mRN

sapiens chemokine (C-X-C motif) ligand 12 (CXCL12), transcript variant 3, mRNA;

2219.2| Homo sapiens colony stimulating factor 3 (granulocyte) (CSF3), transcript variant 2, mRNA; gi|2

296011068|ref|NM\_001184691.1| Homo sapiens nephronectin (NPNT), transcript variant 3, mRNA;

l184697.1| Homo sapiens matrix extracellular phosphoglycoprotein (MEPE), transcript variant 5, mRNA

, non-coding RNA;

, mRNA;

r 6 (SLAMF6), transcript variant 4, mRNA;

t 2, mRNA; gi|296080711|ref|NM\_001184729.1| Homo sapiens phosphatidylinositol glycan anchor bio

ember 8 (SLC22A8), transcript variant 2, mRNA; gi|296080707|ref|NM\_004254.3| Homo sapiens solute

728|ref|NM\_198187.3| Homo sapiens astrotactin 2 (ASTN2), transcript variant 3, mRNA; gi|296080730

lrolase 1b, catalytic subunit 2 (30kDa) (PAFAH1B2), transcript variant 3, mRNA; gi|296080765|ref|NM\_0

pt variant 6, mRNA; gi|296179379|ref|NM\_001833.3| Homo sapiens clathrin, light chain A (CLTA), tran

2| Homo sapiens outer dense fiber of sperm tails 2-like (ODF2L), transcript variant 1, mRNA;

NM\_019007.3| Homo sapiens armadillo repeat containing, X-linked 6 (ARMCX6), transcript variant 1, m

7.1| Homo sapiens seizure related 6 homolog (mouse)-like (SEZ6L), transcript variant 6, mRNA; gi|2961

mRNA; gi|296278262|ref|NM\_001184789.1| Homo sapiens par-3 partitioning defective 3 homolog (C  
t 2, mRNA; gi|296278218|ref|NM\_001178140.1| Homo sapiens transcription factor Dp-2 (E2F dimeriza  
nRNA; gi|296278230|ref|NM\_001184780.1| Homo sapiens NADPH oxidase, EF-hand calcium binding d

|ref|NM\_005137.2| Homo sapiens DiGeorge syndrome critical region gene 2 (DGCR2), transcript varian

G protein-coupled receptor 64 (GPR64), transcript variant 9, mRNA; gi|296317299|ref|NM\_001184835  
antigen-related cell adhesion molecule 1 (biliary glycoprotein) (CEACAM1), transcript variant 3, mRNA; g

ion channel 2 (VDAC2), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|296

riant 7, mRNA; gi|42544162|ref|NM\_032738.3| Homo sapiens Fc receptor-like A (FCRLA), transcript va

(*S. cerevisiae*) (FLAD1), transcript variant 4, mRNA; gi|296434308|ref|NM\_001184891.1| Homo sapien

; gi|296531321|ref|NM\_001184940.1| Homo sapiens family with sequence similarity 219, member A (f

mRNA; gi|296531341|ref|NM\_001008894.2| Homo sapiens non imprinted in Prader-Willi/Angelman sy

; gi|296531366|ref|NM\_001184904.1| Homo sapiens caspase recruitment domain family, member 8 (i

|NM\_004883.2| Homo sapiens neuregulin 2 (NRG2), transcript variant 1, mRNA;

296531462|ref|NM\_001184938.1| Homo sapiens erythrocyte membrane protein band 4.1 like 5 (EPB41

ref|NM\_198159.2| Homo sapiens microphthalmia-associated transcription factor (MITF), transcript vari  
, transcript variant 1, mRNA;

i|296841135|ref|NM\_001184917.1| Homo sapiens phosphate cytidylyltransferase 2, ethanolamine (PC

o sapiens ubiquinol-cytochrome c reductase complex chaperone (UQCC), nuclear gene encoding mitoch  
omo sapiens apoptosis-inducing factor, mitochondrion-associated, 1 (AIFM1), nuclear gene encoding mi  
, transcript variant 2, mRNA;

sapiens WNK lysine deficient protein kinase 1 (WNK1), transcript variant 3, mRNA;

7206734|ref|NM\_001184990.1| Homo sapiens NADH dehydrogenase (ubiquinone) 1, subcomplex unkn  
atosis viral oncogene homolog 1, lung carcinoma derived (avian) (MYCL1), transcript variant 2, mRNA;

drogenase (ubiquinone) 1 alpha subcomplex, 2, 8kDa (NDUFA2), transcript variant 3, non-coding RNA;

otein, transcript variant 2, mRNA;

TR4), transcript variant b, mRNA; gi|297206830|ref|NM\_001040169.2| Homo sapiens 5-hydroxytrypta

ns aquaporin 1 (Colton blood group) (AQP1), transcript variant 4, mRNA;

gi|297307154|ref|NM\_001617.3| Homo sapiens adducin 2 (beta) (ADD2), transcript variant 1, mRNA;

sapiens fragile X mental retardation 1 (FMR1), transcript variant ISO1, mRNA; gi|297374780|ref|NR\_03

ot variant NR1-3, mRNA; gi|297374810|ref|NM\_001185091.1| Homo sapiens glutamate receptor, iono

mo sapiens allograft inflammatory factor 1-like (AIF1L), transcript variant 4, mRNA;

NA;

, transcript variant 3, mRNA;

ing RNA; gi|297747264|ref|NR\_033708.1| Homo sapiens TP73 antisense RNA 1 (non-protein coding) (T

\_001185183.1| Homo sapiens vesicle-associated membrane protein 7 (VAMP7), transcript variant 3, m

!97747355|ref|NM\_001185119.1| Homo sapiens myoneurin (MYNN), transcript variant 3, mRNA;

2, mRNA;

gi|298231210|ref|NM\_014659.5| Homo sapiens diphosphoinositol pentakisphosphate kinase 1 (PIPK  
C, member 19 (DNAJC19), transcript variant 2, mRNA; gi|298231214|ref|NR\_033721.1| Homo sapiens

ns adenosylhomocysteinase-like 2 (AHCYL2), transcript variant 3, mRNA;

mo sapiens inositol hexakisphosphate kinase 2 (IP6K2), transcript variant 1, mRNA; gi|298286516|ref|N

71740.2| Homo sapiens chromosome 3 open reading frame 18 (C3orf18), transcript variant 2, mRNA;

: 1, mRNA; gi|298493260|ref|NM\_015684.3| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondr  
.139279.5| Homo sapiens multiple coagulation factor deficiency 2 (MCFD2), transcript variant 1, mRNA;

202|ref|NM\_001035516.3| Homo sapiens dermokine (DMKN), transcript variant 1, mRNA; gi|29856620

RNA; gi|298566294|ref|NM\_001172767.2| Homo sapiens forkhead box P2 (FOXP2), transcript variant 1

etylmannosamine kinase (GNE), transcript variant 2, mRNA; gi|298566310|ref|NM\_001128227.2| Homo  
rotein, transcript variant 5, mRNA;

90412.1| Homo sapiens rabphilin 3A-like (without C2 domains) (RPH3AL), transcript variant 3, mRNA;

TATA box binding protein (TBP)-associated factor, 80kDa (TAF6), transcript variant 2, mRNA; gi|298676

\_001206389.1| Homo sapiens fibroblast growth factor 8 (androgen-induced) (FGF8), transcript variant 1

1, mRNA;



sapiens glial cell derived neurotrophic factor (GDNF), transcript variant 1, mRNA;

ref|NM\_172359.2| Homo sapiens CD46 molecule, complement regulatory protein (CD46), transcript variant

transcript variant 7, non-coding RNA; gi|299523036|ref|NR\_033810.1| Homo sapiens cytochrome P45

transcript variant 2, mRNA;

ref|NM\_001005360.2| Homo sapiens dynamin 2 (DNM2), transcript variant 1, mRNA;

receptor, gamma (RXRG), transcript variant 3, mRNA;

NA; gi|299758457|ref|NM\_001190730.1| Homo sapiens Ral GEF with PH domain and SH3 binding mot

iant 3, mRNA; gi|299782547|ref|NR\_033836.1| Homo sapiens phosphatidylinositol glycan anchor biosy



er 7 (SMAD7), transcript variant 1, mRNA;

ly;

, mRNA; gi|299890843|ref|NM\_001002273.2| Homo sapiens Fc fragment of IgG, low affinity IIb, recep

0|ref|NM\_001190836.1| Homo sapiens dynactin 1 (DCTN1), transcript variant 5, mRNA; gi|299890882

ariant 2, non-coding RNA; gi|300068996|ref|NR\_033951.1| Homo sapiens purinergic receptor P2X, liga

;|ref|NM\_013316.3| Homo sapiens CCR4-NOT transcription complex, subunit 4 (CNOT4), transcript vari

gi|300116153|ref|NM\_181457.3| Homo sapiens paired box 3 (PAX3), transcript variant PAX3, mRNA; i

binding protein-like 9 (OSBPL9), transcript variant 4, mRNA; gi|300116213|ref|NM\_148904.3| Homo s

se family 1, member D1 (delta 4-3-ketosteroid-5-beta-reductase) (AKR1D1), transcript variant 1, mRNA;

roid hormone receptor, alpha (THRA), transcript variant 1, mRNA;

! (ZMYM2), transcript variant 3, mRNA;

in phosphodiesterase 4, neutral membrane (neutral sphingomyelinase-3) (SMPD4), transcript variant 6,  
147515.1 | Homo sapiens solute carrier family 9, subfamily B (NHA1, cation proton antiporter 1), membe

variant 4, non-coding RNA; gi|300193031|ref|NM\_001190942.1| Homo sapiens tumor necrosis factor (

'AF2), transcript variant 2, mRNA; gi|300244513|ref|NM\_001190977.1| Homo sapiens YY1 associated f

), transcript variant 3, mRNA;

cript variant 2, non-coding RNA;

'DE8B), transcript variant 5, mRNA; gi|300244572|ref|NM\_003719.3| Homo sapiens phosphodiesterase

91009.1| Homo sapiens serine/arginine-rich splicing factor 10 (SRSF10), transcript variant 6, mRNA; gi|3

sapiens glutathione S-transferase omega 2 (GSTO2), transcript variant 3, mRNA;

f|NM\_001191031.1| Homo sapiens chromosome 17 open reading frame 72 (C17orf72), transcript varia

ceptor, alpha (RARA), transcript variant 1, mRNA;

TPase, 1 (PSMD1), transcript variant 1, mRNA;

; enzyme (I blood group) (GCNT2), transcript variant 1, mRNA;

no sapiens caspase 12 (gene/pseudogene) (CASP12), transcript variant 4, non-coding RNA; gi|30079490

SEC31 homolog A (S. cerevisiae) (SEC31A), transcript variant 6, mRNA; gi|300795114|ref|NM\_0010772

A; gi|300795604|ref|NM\_001193269.1| Homo sapiens echinoderm microtubule associated protein like

anscript variant 3, non-coding RNA; gi|300795895|ref|NR\_034109.1| Homo sapiens TRAF3IP2 antisens

13270.1| Homo sapiens male-specific lethal 3 homolog (Drosophila) (MSL3), transcript variant 5, mRNA;



796550|ref|NM\_001005612.2| Homo sapiens ectodysplasin A (EDA), transcript variant 5, mRNA;

ant 2, mRNA; gi|300796806|ref|NM\_005020.2| Homo sapiens phosphodiesterase 1C, calmodulin-depe

gi|300796969|ref|NM\_001191060.1| Homo sapiens solute carrier family 25 (mitochondrial carrier: glu

midline 1 (Opitz/BBB syndrome) (MID1), transcript variant 3, mRNA; gi|300797214|ref|NM\_001193281.1

variant 1, mRNA; gi|300797137|ref|NM\_021912.4| Homo sapiens gamma-aminobutyric acid (GABA) A rec

um/calcium exchanger), member 4 (SLC24A4), transcript variant 2, mRNA;

nt 4, mRNA; gi|300863071|ref|NM\_001193300.1| Homo sapiens sema domain, immunoglobulin doma

Homo sapiens cyclin-dependent kinase inhibitor 2A (CDKN2A), transcript variant 3, mRNA;

93313.1| Homo sapiens chromosome 7 open reading frame 10 (C7orf10), transcript variant 3, mRNA;

871|ref|NM\_022067.3| Homo sapiens chromosome 14 open reading frame 133 (C14orf133), transcript variant 1, mRNA;

family 13 (sodium-dependent dicarboxylate transporter), member 3 (SLC13A3), transcript variant 3, mRNA;

enhancer factor 2C (MEF2C), transcript variant 3, mRNA; gi|301069381|ref|NM\_001193348.1| Homo sapiens

variant 5, mRNA; gi|301069406|ref|NM\_153719.3| Homo sapiens nucleoporin 62kDa (NUP62), transcript variant 5, mRNA;

gi|301129166|ref|NM\_080797.3| Homo sapiens exonuclease 3'-5' domain containing 2 (EXD2), transcript variant 6, non-coding RNA; gi|301129166|ref|NM\_080797.3| Homo sapiens death inducer 1 (DIDO1), transcript variant 4, mRNA;

gi|301129282|ref|NM\_178003.2| Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 11, 14.7kDa (NDUFA11), nuclear gene

variant 2, mRNA; gi|301129282|ref|NM\_178003.2| Homo sapiens Ee antigens (RHCE), transcript variant 2, mRNA;

variant 4, mRNA; gi|301129282|ref|NM\_178003.2| Homo sapiens unkempt homolog (Drosophila)-like (UNKL), transcript variant 4, mRNA;

variant 6, mRNA; gi|301129282|ref|NM\_178003.2| Homo sapiens protein phosphatase 2A activator, regulatory variant 6, mRNA;

iRNA;

id) (PTPN22), transcript variant 3, mRNA;





mitochondrial protein, transcript variant 3, mRNA; gi|301336163|ref|NM\_001193461.1| Homo sapiens



apiens arginine/serine-rich coiled-coil 2 (RSRC2), transcript variant 4, non-coding RNA;

elated subfamily, member 4 (KCNC4), transcript variant 1, mRNA;

gi|301500681|ref|NM\_001193475.1| Homo sapiens protein phosphatase 1, regulatory subunit 21 (PPP  
ens TBC1 domain family, member 7 (TBC1D7), transcript variant 2, mRNA;  
riant 2, mRNA;

0730.4| Homo sapiens intermediate filament family orphan 1 (IFFO1), transcript variant 2, mRNA;  
A;

s adenosine deaminase, RNA-specific (ADAR), transcript variant 2, mRNA; gi|301601659|ref|NM\_00102

tion factor 1 (LMF1), transcript variant 3, non-coding RNA;

se 2 (VRK2), transcript variant 4, mRNA; gi|301897292|ref|NM\_001130481.2| Homo sapiens vaccinia r

it variant 3, mRNA; gi|301898370|ref|NM\_017964.3| Homo sapiens solute carrier family 30 (zinc transp  
L| Homo sapiens charged multivesicular body protein 3 (CHMP3), transcript variant 4, non-coding RNA;

2058255|ref|NM\_001193522.1| Homo sapiens family with sequence similarity 65, member A (FAM65A

ITD1-CORT readthrough (APITD1-CORT), transcript variant 4, non-coding RNA;

012161.3| Homo sapiens F-box and leucine-rich repeat protein 5 (FBXL5), transcript variant 1, mRNA;

f|NR\_036471.1| Homo sapiens enhancer of yellow 2 homolog (Drosophila) (ENY2), transcript variant 3,

sapiens cysteine and glycine-rich protein 1 (CSRP1), transcript variant 5, mRNA;

s sapiens neuronal cell adhesion molecule (NRCAM), transcript variant 4, mRNA; gi|302191645|ref|NM.

NA; gi|302191703|ref|NM\_001193611.1| Homo sapiens tubulin, delta 1 (TUBD1), transcript variant 4,  
on-coding RNA; gi|302191713|ref|NR\_036478.1| Homo sapiens transmembrane protein 198B, pseudo

anscript variant 4, mRNA; gi|302344754|ref|NM\_001193636.1| Homo sapiens dehydrogenase/reducta  
ranscript variant 1, mRNA; gi|302344765|ref|NM\_001007250.2| Homo sapiens sterol carrier protein 2

576|ref|NM\_001193657.1| Homo sapiens chromosome 17 open reading frame 62 (C17orf62), transcrip

CA), transcript variant 1 (allele MICA\*00801), mRNA; gi|4557750|ref|NM\_000247.1| Homo sapiens MHC

ef|NM\_145796.3| Homo sapiens pogo transposable element with ZNF domain (POGZ), transcript varian

gi|303227906|ref|NM\_198241.2| Homo sapiens eukaryotic translation initiation factor 4 gamma, 1 (EIF

36535.1| Homo sapiens matrin 3 (MATR3), transcript variant 6, non-coding RNA; gi|303227925|ref|NM

A; gi|297515492|ref|NM\_001042586.2| Homo sapiens CD1e molecule (CD1E), transcript variant 5, mRNA  
hetase (CARS), transcript variant 1, mRNA; gi|303304986|ref|NM\_001194997.1| Homo sapiens cystein  
ref|NM\_001195001.1| Homo sapiens protein tyrosine phosphatase, receptor type, U (PTPRU), transcrip  
|NM\_006112.3| Homo sapiens peptidylprolyl isomerase E (cyclophilin E) (PPIE), transcript variant 1, mRNA  
3209|ref|NM\_001195035.1| Homo sapiens major histocompatibility complex, class I-related (MR1), tra  
like 3 (Drosophila) (GRHL3), transcript variant 2, mRNA;

homo sapiens DNA-damage-inducible transcript 3 (DDIT3), transcript variant 5, mRNA; gi|304282230|ref|NM

RNA;

f|NM\_001135244.1| Homo sapiens Treacher Collins-Franceschetti syndrome 1 (TCOF1), transcript varia

nRNA;

01195195.1| Homo sapiens tumor protein p53 regulated apoptosis inducing protein 1 (TP53AIP1), nucle

; gi|304434817|ref|NM\_001008800.2| Homo sapiens chaperonin containing TCP1, subunit 3 (gamma)

translation elongation factor 1 delta (guanine nucleotide exchange protein) (EEF1D), transcript variant 3, m

Homo sapiens coiled-coil domain containing 107 (CCDC107), transcript variant A, mRNA;

pt variant 3, mRNA;

NR\_036577.1 | Homo sapiens aprataxin (APTX), transcript variant 13, non-coding RNA; gi|307746901 | r

|NM\_001198834.2 | Homo sapiens phosphodiesterase 4D interacting protein (PDE4DIP), transcript varia

) 13 (HM13), transcript variant 4, mRNA;

me interacting protein 1 (BBIP1), transcript variant 1, mRNA; gi|305855075|ref|NM\_001195307.1| Hor



script variant 5, mRNA; gi|306140488|ref|NM\_030956.3| Homo sapiens toll-like receptor 10 (TLR10), t  
bosylation factor-like 4A (ARL4A), transcript variant 2, mRNA;

L195553.1| Homo sapiens doublecortin (DCX), transcript variant 5, mRNA;

ictor 1 (MLF1), transcript variant 1, mRNA; gi|306482663|ref|NM\_001130156.2| Homo sapiens myeloi

cinase 1 (DCLK1), transcript variant 3, mRNA;  
ne encoding mitochondrial protein, transcript variant III, mRNA; gi|306518615|ref|NM\_032620.3| Hor

ial protein, transcript variant 2, mRNA;

;

non-coding RNA;

PLEKHA5), transcript variant 1, mRNA; gi|377652345|ref|NM\_001256787.1| Homo sapiens pleckstrin ho

sapiens pleckstrin homology domain containing, family A (phosphoinositide binding specific) member 1

mo sapiens myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated

A\_001195653.1| Homo sapiens zinc finger, CCCH-type with G patch domain (ZGPAT), transcript variant 1

protein)-associated protein B and C (VAPB), transcript variant 2, mRNA;

7574633|ref|NM\_001195684.1| Homo sapiens transforming growth factor, beta receptor III (TGFB3), t

ariant 3, mRNA;

; gi|307691187|ref|NM\_001195738.1| Homo sapiens family with sequence similarity 213, member B (

ipt variant 1, mRNA;

; low density lipoprotein receptor (LDLR), transcript variant 4, mRNA; gi|307775410|ref|NM\_000527.4|

ef|NM\_017978.2| Homo sapiens ankyrin repeat and KH domain containing 1 (ANKHD1), transcript varia

}, mRNA; gi|308081495|ref|NM\_001018088.2| Homo sapiens vacuolar protein sorting 13 homolog C (S

non-coding RNA; gi|308081990|ref|NR\_003606.2| Homo sapiens ZNFX1 antisense RNA 1 (non-protein  
sapiens pleckstrin homology domain containing, family A (phosphoinositide binding specific) member 8  
|ref|NM\_001007245.2| Homo sapiens interferon-related developmental regulator 1 (IFRD1), transcript

mo sapiens schwannomin interacting protein 1 (SCHIP1), transcript variant 4, mRNA;

gulatory factor 3 (IRF3), transcript variant 1, mRNA; gi|308199447|ref|NM\_001197123.1| Homo sapien  
homolog (S. cerevisiae) (SYS1), transcript variant 3, mRNA;

ontaining 2 (DBNDD2), transcript variant 1, mRNA; gi|308199489|ref|NM\_018478.3| Homo sapiens dy:

6.2| Homo sapiens butyrophilin, subfamily 2, member A1 (BTN2A1), transcript variant 2, mRNA;

8.1| Homo sapiens butyrophilin, subfamily 2, member A2 (BTN2A2), transcript variant 4, mRNA; gi|3085

1197247.1| Homo sapiens butyrophilin, subfamily 3, member A2 (BTN3A2), transcript variant 3, mRNA;

o sapiens origin recognition complex, subunit 4 (ORC4), transcript variant 6, mRNA; gi|308818132|ref|N

plate specific (ECM2), transcript variant 2, mRNA;

ref|NM\_001197318.1| Homo sapiens C-type lectin domain family 2, member D (CLEC2D), transcript varia

ript variant 1, mRNA; gi|309384264|ref|NM\_001198532.1| Homo sapiens oxidation resistance 1 (OXR)  
myeloid cell leukemia sequence 1 (BCL2-related) (MCL1), nuclear gene encoding mitochondrial protein, tr

RNA;

variant 5, mRNA; gi|309951084|ref|NR\_036752.1| Homo sapiens nucleolar protein 4 (NOL4), transcript va  
18|ref|NM\_001198552.1| Homo sapiens Wilms tumor 1 (WT1), transcript variant F, mRNA;

310110011|ref|XR\_111086.1| PREDICTED: Homo sapiens hypothetical LOC100507212, transcript variar

310120589|ref|XR\_109031.1| PREDICTED: Homo sapiens hypothetical LOC100506057, transcript variar

310120718|ref|XR\_110920.1| PREDICTED: Homo sapiens hypothetical LOC100507675, transcript variar

310110317|ref|XR\_111272.1| PREDICTED: Homo sapiens hypothetical LOC100506226, transcript variar

310123321|ref|XR\_109159.1| PREDICTED: Homo sapiens hypothetical LOC100129119, transcript variar

310123406|ref|XR\_109233.1| PREDICTED: Homo sapiens hypothetical LOC100507452, transcript variar

310123576|ref|XR\_109352.1| PREDICTED: Homo sapiens hypothetical LOC100506676, transcript variar



310123873|ref|XR\_109516.1| PREDICTED: Homo sapiens hypothetical LOC100507372, transcript variar

310113593|ref|XR\_111987.1| PREDICTED: Homo sapiens hypothetical LOC100506206, transcript variar

310118767|ref|XR\_108306.1| PREDICTED: Homo sapiens hypothetical LOC100505991, transcript variar

310113691|ref|XR\_112041.1| PREDICTED: Homo sapiens hypothetical LOC100506985, transcript variar

310124011|ref|XR\_109622.1| PREDICTED: Homo sapiens hypothetical LOC100506115, transcript variar

310114059|ref|XR\_112253.1| PREDICTED: Homo sapiens hypothetical LOC100134361, transcript variar

9992.1| PREDICTED: Homo sapiens hypothetical LOC727944, transcript variant 2 (LOC727944), miscRNA

310118868|ref|XR\_109909.1| PREDICTED: Homo sapiens hypothetical LOC100506014, transcript variar

310118958|ref|XR\_109954.1| PREDICTED: Homo sapiens hypothetical LOC100132330, transcript variar

36.1| PREDICTED: Homo sapiens aquaporin-7-like, transcript variant 2 (LOC100509620), mRNA;

t 1 (LOC400986), mRNA;

310119175|ref|XR\_110043.1| PREDICTED: Homo sapiens hypothetical LOC100505877, transcript variar

310114504|ref|XR\_112558.1| PREDICTED: Homo sapiens hypothetical LOC100505609, transcript variar

310119291|ref|XR\_108497.1| PREDICTED: Homo sapiens hypothetical LOC100507291, transcript variar

310119285|ref|XR\_108493.1| PREDICTED: Homo sapiens hypothetical LOC100507239, transcript variar

310114588|ref|XR\_112614.1| PREDICTED: Homo sapiens hypothetical LOC100507376, transcript variar

310119600|ref|XR\_110560.1| PREDICTED: Homo sapiens hypothetical LOC100505719, transcript variar

310119694|ref|XR\_108654.1| PREDICTED: Homo sapiens hypothetical LOC100505880, transcript variar

310119705|ref|XR\_108671.1| PREDICTED: Homo sapiens hypothetical LOC100506379, transcript variar

310119717|ref|XR\_108683.1| PREDICTED: Homo sapiens hypothetical LOC100506885, transcript variar

310119758|ref|XR\_108637.1| PREDICTED: Homo sapiens hypothetical LOC100131607, transcript variar

310119778|ref|XR\_108657.1| PREDICTED: Homo sapiens hypothetical LOC100131283, transcript variar

310119850|ref|XR\_110177.1| PREDICTED: Homo sapiens hypothetical LOC100507406, transcript variar

310119850|ref|XR\_110177.1| PREDICTED: Homo sapiens hypothetical LOC100507406, transcript variar  
3162P), non-coding RNA; gi|341915368|ref|XM\_003118908.2| PREDICTED: Homo sapiens coiled-coil dc

310118204|ref|XR\_110622.1| PREDICTED: Homo sapiens hypothetical LOC100505500, transcript variar

310119922|ref|XR\_108748.1| PREDICTED: Homo sapiens hypothetical LOC100506130, transcript variar

310120153|ref|XR\_110092.1| PREDICTED: Homo sapiens hypothetical LOC100507448, transcript variar

310120236|ref|XR\_108865.1| PREDICTED: Homo sapiens hypothetical LOC100506365, transcript variar

s II histocompatibility antigen, DQ alpha 1 chain-like, transcript variant 3 (LOC100509457), mRNA; gi|310

310115213|ref|XR\_113003.1| PREDICTED: Homo sapiens hypothetical LOC100506725, transcript variar

108777.1| PREDICTED: Homo sapiens hypothetical LOC100507042, transcript variant 1 (LOC100507042)

|XM\_003119055.1| PREDICTED: Homo sapiens RAS p21 protein activator 4B, transcript variant 4 (RASA-

310118396|ref|XR\_110723.1| PREDICTED: Homo sapiens hypothetical LOC100506683, transcript variar

310118423|ref|XR\_110749.1| PREDICTED: Homo sapiens hypothetical LOC100506860, transcript variar

310115319|ref|XR\_113048.1| PREDICTED: Homo sapiens hypothetical LOC100506881, transcript variar



310118460|ref|XR\_110779.1| PREDICTED: Homo sapiens hypothetical LOC100506380, transcript variar

310113501|ref|XR\_111925.1| PREDICTED: Homo sapiens hypothetical LOC100505887, transcript variar

family member 21-like, transcript variant 4 (LOC100506032), mRNA; gi|310118684|ref|XM\_003119138

341914221|ref|XR\_133213.1| PREDICTED: Homo sapiens hypothetical LOC100506128, transcript variar

310118887|ref|XR\_108394.1| PREDICTED: Homo sapiens hypothetical LOC100506405, transcript variar

310118918|ref|XR\_109980.1| PREDICTED: Homo sapiens hypothetical LOC100506108, transcript variar

310114147|ref|XR\_112323.1| PREDICTED: Homo sapiens hypothetical LOC100506235, transcript variar

310114224|ref|XR\_112378.1| PREDICTED: Homo sapiens hypothetical LOC100506797, transcript variar

310119053|ref|XR\_109901.1| PREDICTED: Homo sapiens hypothetical LOC100505498, transcript variar

341914438|ref|XR\_133318.1| PREDICTED: Homo sapiens hypothetical LOC100505957, transcript variar

2431.1| PREDICTED: Homo sapiens hypothetical LOC729570, transcript variant 2 (LOC729570), miscRNA

! (LOC100505836), mRNA; gi|310114421|ref|XM\_003119894.1| PREDICTED: Homo sapiens hypothetic

310114461|ref|XR\_112519.1| PREDICTED: Homo sapiens hypothetical LOC100506591, transcript variar

341915231|ref|XR\_132495.1| PREDICTED: Homo sapiens hypothetical LOC100507335, transcript variar

310119334|ref|XR\_108531.1| PREDICTED: Homo sapiens hypothetical LOC100505861, transcript variar

310119378|ref|XR\_108555.1| PREDICTED: Homo sapiens hypothetical LOC100506048, transcript variar

2635.1| PREDICTED: Homo sapiens hypothetical LOC643783, transcript variant 1 (LOC643783), miscRNA

310114614|ref|XR\_112638.1| PREDICTED: Homo sapiens hypothetical LOC100506387, transcript variar

310119627|ref|XR\_110310.1| PREDICTED: Homo sapiens hypothetical LOC100505636, transcript variar

341914616|ref|XR\_133410.1| PREDICTED: Homo sapiens hypothetical LOC100505813, transcript variar

310114883|ref|XR\_112802.1| PREDICTED: Homo sapiens hypothetical LOC100507546, transcript variar

341914657|ref|XR\_133428.1| PREDICTED: Homo sapiens hypothetical LOC100505730, transcript variar

310118212|ref|XR\_110628.1| PREDICTED: Homo sapiens hypothetical LOC100505644, transcript variar

310115182|ref|XR\_112980.1| PREDICTED: Homo sapiens hypothetical LOC100506098, transcript variar

310115267|ref|XR\_113020.1| PREDICTED: Homo sapiens hypothetical LOC100289098, transcript variar

310118403|ref|XR\_110732.1| PREDICTED: Homo sapiens hypothetical LOC100128737, transcript variar

310115444|ref|XR\_113123.1| PREDICTED: Homo sapiens hypothetical LOC100507420, transcript variar

310115473|ref|XR\_113138.1| PREDICTED: Homo sapiens hypothetical LOC100505501, transcript variar

310110021|ref|XR\_111106.1| PREDICTED: Homo sapiens hypothetical LOC100505606, transcript variar



310110176|ref|XR\_111180.1| PREDICTED: Homo sapiens hypothetical LOC100507411, transcript variar

341913759|ref|XR\_132972.1| PREDICTED: Homo sapiens hypothetical LOC100506870, transcript variar

310110288|ref|XR\_111240.1| PREDICTED: Homo sapiens hypothetical LOC100507511, transcript variar

i|341915598|ref|XM\_003403524.1| PREDICTED: Homo sapiens mucin-19-like (LOC100652946), mRNA;  
310122886|ref|XR\_110339.1| PREDICTED: Homo sapiens hypothetical LOC100506125, transcript variar

310122979|ref|XR\_109132.1| PREDICTED: Homo sapiens hypothetical LOC100506465, transcript variar

310110504|ref|XR\_111381.1| PREDICTED: Homo sapiens hypothetical LOC100287803, transcript variar

341913917|ref|XR\_133050.1| PREDICTED: Homo sapiens hypothetical LOC100506919, transcript variar

), mRNA;

mRNA; gi|341915719|ref|XM\_001126912.3| PREDICTED: Homo sapiens golgin subfamily A member 8-

341913963|ref|XR\_133073.1| PREDICTED: Homo sapiens hypothetical LOC100506294, transcript variar

310112971|ref|XR\_111636.1| PREDICTED: Homo sapiens hypothetical LOC100507458, transcript variar

310123444|ref|XR\_109254.1| PREDICTED: Homo sapiens hypothetical LOC100287628, transcript variar

protein-like 1-like, transcript variant 3 (LOC642778), mRNA;  
protein-like 1-like, transcript variant 3 (LOC642799), mRNA;  
extracting protein-like 1-like, transcript variant 5 (LOC100288332), mRNA; gi|341915749|ref|XM\_003118

310113050|ref|XR\_111676.1| PREDICTED: Homo sapiens hypothetical LOC100507263, transcript variar

310113121|ref|XR\_111709.1| PREDICTED: Homo sapiens hypothetical LOC100506295, transcript variar

310113319|ref|XR\_111831.1| PREDICTED: Homo sapiens hypothetical LOC100507111, transcript variar  
310113310|ref|XR\_111826.1| PREDICTED: Homo sapiens hypothetical LOC100507305, transcript variar

310123981|ref|XR\_109595.1| PREDICTED: Homo sapiens hypothetical LOC100505490, transcript variar  
310113879|ref|XR\_112152.1| PREDICTED: Homo sapiens hypothetical LOC100128997, transcript variar



310124252|ref|XR\_110935.1| PREDICTED: Homo sapiens hypothetical LOC100507199, transcript variar

310117944|ref|XR\_113286.1| PREDICTED: Homo sapiens hypothetical LOC100505874, transcript variar

CTED: Homo sapiens ankyrin repeat domain 62, transcript variant 1 (ANKRD62), mRNA;

310124616|ref|XR\_110787.1| PREDICTED: Homo sapiens hypothetical LOC100505650, transcript variar  
vator 2-like, transcript variant 5 (LOC100505603), mRNA; gi|310124637|ref|XM\_003119078.1| PREDIC  
310117984|ref|XR\_113289.1| PREDICTED: Homo sapiens hypothetical LOC100507312, transcript variar

lass II histocompatibility antigen, DRB1-7 beta chain-like, transcript variant 2 (LOC100507709), mRNA;

1805.1| PREDICTED: Homo sapiens hypothetical LOC645321, transcript variant 1 (LOC645321), miscRNA



t variant 3, mRNA;

iens microtubule-associated protein 7 (MAP7), transcript variant 2, mRNA; gi|310750347|ref|NM\_0011

), transcript variant zeta, mRNA; gi|211938417|ref|NM\_172087.2| Homo sapiens tumor necrosis facto  
ise fiber of sperm tails 2 (ODF2), transcript variant 3, mRNA; gi|310750399|ref|NM\_153435.1| Homo sa

otif containing 6 (TRIM6), transcript variant 4, mRNA;

s transmembrane protein 136 (TMEM136), transcript variant 3, mRNA; gi|310832434|ref|NM\_0011986

slocated to, 1 (cyclin D-related) (RUNX1T1), transcript variant 13, mRNA; gi|310923096|ref|NM\_001198

mRNA; gi|310923126|ref|NM\_001198682.1| Homo sapiens non-metastatic cells 2, protein (NM23B) e

10923185|ref|NM\_001003679.3| Homo sapiens leptin receptor (LEPR), transcript variant 3, mRNA; gi|3

t variant 6, mRNA; gi|311201830|ref|NM\_004574.3| Homo sapiens septin 4 (SEPT4), transcript variant

ne nucleotide binding protein (G protein), gamma transducing activity polypeptide 2 (GNGT2), transcript

f|NM\_001198773.1| Homo sapiens phosphatidylinositol 4-kinase, catalytic, beta (PI4KB), transcript vari

RNA; gi|311771646|ref|NM\_001198780.1| Homo sapiens actin related protein 2/3 complex, subunit 4

2 homeobox 1 (POU2F1), transcript variant 3, mRNA;

1, mRNA; gi|311771726|ref|NM\_001198806.1| Homo sapiens Myb/SANT-like DNA-binding domain cor

IA; gi|311771715|ref|NM\_001198802.1| Homo sapiens eukaryotic translation initiation factor 4 gamm

APOBEC1 complementation factor (A1CF), transcript variant 2, mRNA; gi|311771756|ref|NM\_014576.3

771782|ref|NR\_037172.1| Homo sapiens uncharacterized LOC100507547 (LOC100507547), transcript v

NA;

variant 2, mRNA; gi|311893312|ref|NM\_001198855.1| Homo sapiens cytochrome P450, family 2, subfa

in 1 (ACRV1), transcript variant 2, mRNA;

152925.2| Homo sapiens copine I (CPNE1), transcript variant 1, mRNA; gi|311893371|ref|NM\_003915.

93388|ref|NM\_001039178.2| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial Fo complex,

ling motif protein 12 (RBM12), transcript variant 3, mRNA;

A; gi|312032401|ref|NM\_000666.2| Homo sapiens aminoacylase 1 (ACY1), transcript variant 1, mRNA;

rotein 1 (YY1AP1), transcript variant 12, mRNA; gi|312032413|ref|NM\_139118.2| Homo sapiens YY1 as

.2| Homo sapiens coiled-coil domain containing 169 (CCDC169), transcript variant 5, mRNA; gi|3120324

arrier family 3 (activators of dibasic and neutral amino acid transport), member 2 (SLC3A2), transcript v

anscript variant 2, mRNA; gi|312032472|ref|NM\_001198916.1| Homo sapiens PTPRF interacting prote

332495|ref|NR\_037176.1| Homo sapiens uncharacterized LOC100507463 (LOC100507463), transcript v





(SLCO2B1), transcript variant 2, mRNA;  
ant 3, non-coding RNA;

lasmic, calcineurin-dependent 4 (NFATC4), transcript variant 1, mRNA; gi|312176396|ref|NM\_0011989

vl\_001199013.1| Homo sapiens chromosome 1 open reading frame 201 (C1orf201), transcript variant 1

encoding mitochondrial protein, transcript variant 2, mRNA;  
sapiens transmembrane protein 222 (TMEM222), transcript variant 3, non-coding RNA;

no sapiens DDB1 and CUL4 associated factor 6 (DCAF6), transcript variant 3, mRNA;  
A;  
S1), transcript variant 2, non-coding RNA;

iant 2, mRNA;

INC2), transcript variant 4, mRNA; gi|312261212|ref|NM\_018565.3| Homo sapiens serine incorporator

containing 1 (LEMD1), transcript variant 3, mRNA; gi|312261255|ref|NR\_037583.1| Homo sapiens LEMD1 non-coding RNA;

99056.1| Homo sapiens chromosome 16 open reading frame 5 (C16orf5), transcript variant 4, mRNA;

containing 5 (TDRD5), transcript variant 2, mRNA; gi|312283650|ref|NM\_001199091.1| Homo sapiens

5'-nucleotidase, cytosolic 1B (NT5C1B), transcript variant 4, mRNA; gi|312283637|ref|NM\_033253.3| Homo

sapiens calcineurin-dependent 3 (NFATC3), transcript variant 1, mRNA;

protein 3 (BAIAP3), transcript variant 5, mRNA; gi|312284080|ref|NM\_001199096.1| Homo sapiens BAIAP3

Homo sapiens xirp2 actin-binding repeat containing 2 (XIRP2), transcript variant 5, mRNA; gi|312433985|ref

transcript variant 4, mRNA; gi|312596868|ref|NM\_007067.4| Homo sapiens histone H4 methyltransferase 7 (KAT7), transcript variant 4, mRNA; gi|312596868|ref|NM\_007067.4| Homo sapiens

ubiquitin specific peptidase 19 (USP19), transcript variant 4, mRNA;

transcript variant 3, mRNA; gi|312596909|ref|NM\_001199173.1| Homo sapiens MTOR associated protein, LST8 homolog

gi|312836764|ref|NM\_001199180.1| Homo sapiens ATPase, Ca<sup>++</sup> transporting, type 2C, member 1 (ATF

836805|ref|NM\_001199199.1| Homo sapiens adenylate kinase 2 (AK2), nuclear gene encoding mitochr

variant 3, mRNA;

99240.1| Homo sapiens G patch domain and ankyrin repeats 1 (GPANK1), transcript variant 5, mRNA; gi

in-like 1 (S. pombe) (SGOL1), transcript variant C1, mRNA; gi|312922332|ref|NM\_001199251.1| Homo  
:a (DGKZ), transcript variant 2, mRNA; gi|313102998|ref|NM\_001199268.1| Homo sapiens diacylglycer

itase, orphan 2 (PHOSPHO2), transcript variant 1, mRNA; gi|313151190|ref|NM\_001199285.1| Homo s





19|ref|NM\_001199303.1| Homo sapiens CCR4-NOT transcription complex, subunit 2 (CNOT2), transcrip

L17), transcript variant 6, mRNA; gi|313569767|ref|NM\_001199340.1| Homo sapiens ribosomal protei

13569796|ref|NM\_001085427.2| Homo sapiens arylsulfatase A (ARSA), transcript variant 4, mRNA;

script variant 6, non-coding RNA; gi|313569851|ref|NM\_181553.2| Homo sapiens CKLF-like MARVEL tr

45 (RNF145), transcript variant 4, mRNA; gi|313661391|ref|NM\_144726.2| Homo sapiens ring finger pi

358030307|ref|NM\_001252660.1| Homo sapiens erythrocyte membrane protein band 4.1-like 2 (EPB4  
.427|ref|NM\_001199398.1| Homo sapiens NIMA (never in mitosis gene a)-related kinase 1 (NEK1), tran

receptor-associated factor 3 (TRAF3), transcript variant 4, mRNA;

ning 2 (BRD2), transcript variant 5, non-coding RNA; gi|313747416|ref|NM\_001199455.1| Homo sapier

nsript variant 3, non-coding RNA;

· 1 (GBF1), transcript variant 2, mRNA;

ens TGFB-induced factor homeobox 2 (TGIF2), transcript variant 4, mRNA;

script variant 1, mRNA;

26562.3 | Homo sapiens chromosome 20 open reading frame 24 (C20orf24), transcript variant 3, non-co

'DCD4), transcript variant 3, mRNA;

1 | Homo sapiens GJA9-MYCBP readthrough (GJA9-MYCBP), transcript variant 5, non-coding RNA; gi|311

nuclear receptor coactivator 7 (NCOA7), transcript variant 1, mRNA; gi|313850974|ref|NM\_001122842.2

94.3| Homo sapiens cell death-inducing DFFA-like effector c (CIDEA), transcript variant 3, mRNA;

cell death 2 (PDCD2), transcript variant 5, mRNA; gi|313850989|ref|NM\_002598.3| Homo sapiens prog-  
nucleoside transporter), member 3 (SLC28A3), transcript variant 3, non-coding RNA;

ptide 1 (pituitary) receptor type I (ADCYAP1R1), transcript variant 4, mRNA; gi|313851021|ref|NM\_001

sapiens PMF1-BGLAP readthrough (PMF1-BGLAP), transcript variant 3, mRNA;

and containing transmembrane protein 2 (LETM2), transcript variant 3, mRNA;

f|NM\_001130674.2| Homo sapiens calumenin (CALU), transcript variant 2, mRNA; gi|314122174|ref|N

Homo sapiens solute carrier family 4, anion exchanger, member 2 (erythrocyte membrane protein band

13586|ref|NR\_026593.2| Homo sapiens thioredoxin-related transmembrane protein 2 (TMX2), transcri

RNA;

iens suppressor of tumorigenicity 20 (ST20), transcript variant 1, mRNA; gi|315113862|ref|NR\_037652.

etrahydrofolate synthetase (5-formyltetrahydrofolate cyclo-ligase) (MTHFS), transcript variant 1, mRNA;

.OC1S1), transcript variant 4, non-coding RNA; gi|315113894|ref|NM\_001487.3| Homo sapiens biogene

nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;

nscript variant 4, mRNA; gi|315138982|ref|NM\_001199773.1| Homo sapiens proteasome (prosome, m

iscript variant 1, mRNA; gi|315138994|ref|NM\_001199777.1| Homo sapiens POC1 centriolar protein h

ript variant 3, mRNA;

ens carnitine palmitoyltransferase 1C (CPT1C), transcript variant 4, mRNA;

RNA; gi|315221142|ref|NM\_001199797.1| Homo sapiens protein tyrosine phosphatase, non-receptor t

complex subunit 7 (INTS7), transcript variant 1, mRNA; gi|315259087|ref|NR\_037667.1| Homo sapiens

apiens gamma-glutamylcyclotransferase (GGCT), transcript variant 4, mRNA; gi|315360617|ref|NM\_001198221.1|, transcript variant 5, mRNA; gi|315360623|ref|NM\_138437.5| Homo sapiens G protein-coupled receptor class A group 1, transcript variant X1, mRNA; gi|315360624|ref|NM\_138437.5|

2, mRNA; gi|315360663|ref|NM\_001199838.1| Homo sapiens sorting nexin 10 (SNX10), transcript vari

sapiens ADAM metallopeptidase domain 22 (ADAM22), transcript variant 4, mRNA; gi|315434191|ref|I

variant 2, mRNA; gi|315434215|ref|NM\_001199851.1| Homo sapiens death associated protein 3 (DAP3)  
adenylate kinase 3 (AK3), transcript variant 5, mRNA; gi|315434222|ref|NM\_001199853.1| Homo sapie  
116200|ref|NM\_001190892.1| Homo sapiens prodynorphin (PDYN), transcript variant 3, mRNA;

annel, shaker-related subfamily, beta member 2 (KCNAB2), transcript variant 6, mRNA; gi|315434242|r

erase, polypeptide 3 (B4GALT3), transcript variant 1, mRNA;

or 2 (SERF2), transcript variant 1, mRNA; gi|315506974|ref|NM\_001199878.1| Homo sapiens small EDR

ar gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|315630350|ref|NM\_001199895

GM3), transcript variant 4, mRNA;



|ref|NM\_001199957.1| Homo sapiens NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 5, 16kD;

33152|ref|NM\_005006.6| Homo sapiens NADH dehydrogenase (ubiquinone) Fe-S protein 1, 75kDa (NAI  
|ref|NM\_182739.2| Homo sapiens NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 6, 17kDa (N

member 3 pseudogene (LOC100286922), transcript variant 2, non-coding RNA;

hyaluronoglucosaminidase 3 (HYAL3), transcript variant 5, mRNA; gi|318037454|ref|NM\_001200031.1| Homo sapiens

synthase) (NPL), transcript variant 3, mRNA; gi|318037621|ref|NM\_001200051.1| Homo sapiens N-ace

mRNA; gi|318067956|ref|NM\_004242.3| Homo sapiens high mobility group nucleosomal binding dom  
pt variant 3, mRNA; gi|318067972|ref|NM\_183401.2| Homo sapiens ring finger protein 14 (RNF14), tra

t variant 4, mRNA; gi|319008054|ref|NR\_037703.1| Homo sapiens ring finger protein 7 (RNF7), transcr

gi|319065829|ref|NM\_001077470.2| Homo sapiens nuclear receptor subfamily 1, group I, member 3 (

sapiens lectin, galactoside-binding, soluble, 8 (LGALS8), transcript variant 1, mRNA;

in receptor 2 (ASGR2), transcript variant 2, mRNA; gi|319655552|ref|NM\_001201352.1| Homo sapiens

ctor type B (EDNRB), transcript variant 2, mRNA;

U001201474.1 | Homo sapiens chromosome 18 open reading frame 21 (C18orf21), transcript variant 2

3, mRNA;

sociated factor, RNA polymerase I, A, 48kDa (TAF1A), transcript variant 1, mRNA;

5.3 | Homo sapiens homeodomain interacting protein kinase 1 (HIPK1), transcript variant 2, mRNA;  
nocarboxylic acid transporter 5) (SLC16A4), transcript variant 1, mRNA; gi|319996638|ref|NM\_0012015

ysterol binding protein-like 6 (OSBPL6), transcript variant 3, mRNA; gi|319996738|ref|NM\_001201482

mRNA;

ZNF821), transcript variant 5, mRNA; gi|320118857|ref|NM\_001201554.1| Homo sapiens zinc finger pr

script variant 1, mRNA; gi|320202927|ref|NM\_001201572.1| Homo sapiens SEC22 vesicle trafficking pr

chondrial protein, transcript variant 1, mRNA;

59 (ZNF559), transcript variant 8, mRNA; gi|320202972|ref|NM\_032497.2| Homo sapiens zinc finger pr

ctase) (AKR1A1), transcript variant 4, mRNA; gi|320202989|ref|NM\_006066.3| Homo sapiens aldo-ket

1202467.1| Homo sapiens zinc finger, MYND-type containing 11 (ZMYND11), transcript variant 7, mRNA

f|NM\_001202475.1| Homo sapiens corticotropin releasing hormone receptor 2 (CRHR2), transcript vari

iment factor B (SAFB), transcript variant 3, mRNA; gi|321267474|ref|NR\_037699.1| Homo sapiens scafi

oxy-terminal domain, RNA polymerase II, polypeptide A) phosphatase, subunit 1 (CTDP1), transcript vari

|\_001202518.1| Homo sapiens CASP8 and FADD-like apoptosis regulator (CFLAR), transcript variant 7, m

ariant 4, mRNA; gi|321400111|ref|NM\_001202544.1| Homo sapiens cut-like homeobox 1 (CUX1), tran

l, mRNA;

1203247.1| Homo sapiens enhancer of zeste homolog 2 (Drosophila) (EZH2), transcript variant 3, mRNA

omo sapiens chromosome 6 open reading frame 25 (C6orf25), transcript variant 3, mRNA; gi|32281217

family 25, member 27 (SLC25A27), nuclear gene encoding mitochondrial protein, transcript variant 3, mRNA; gi|89111124|ref|NM\_001039659.1| Homo sa

gi|323098336|ref|NM\_001204055.1| Homo sapiens NADH dehydrogenase (ubiquinone) 1, subcomple

1B), transcript variant 1, mRNA; gi|323276656|ref|NM\_001204065.1| Homo sapiens ankyrin repeat an

52), transcript variant 2, mRNA;  
 nbrane organizing system 1 (MINOS1), nuclear gene encoding mitochondrial protein, transcript variant :  
 potassium intermediate/small conductance calcium-activated channel, subfamily N, member 3 (KCNN3)

Homo sapiens BCL2-like 11 (apoptosis facilitator) (BCL2L11), transcript variant 4, mRNA; gi|323362962|ref|

B family member 4, phocein (MOB4), transcript variant 4, mRNA;  
transcript variant 2, mRNA; gi|321267556|ref|NM\_181641.2| Homo sapiens chemokine-like factor (CKLF), transcript

9), transcript variant 9, mRNA; gi|30795201|ref|NM\_178423.1| Homo sapiens histone deacetylase 9 (HDAC9),

Homo sapiens methyl-CpG binding domain protein 1 (MBD1), transcript variant 12, mRNA; gi|323462162|ref|

6|ref|NM\_001204085.1| Homo sapiens neuroblastoma, suppression of tumorigenicity 1 (NBL1), transcript

variant 1, mRNA;  
510635|ref|NM\_001204172.1| Homo sapiens Mdm4 p53 binding protein homolog (mouse) (MDM4), transcript

1 and homeoboxes 1 (ZHX1), transcript variant 4, non-coding RNA;  
gi|323510655|ref|NM\_001204177.1| Homo sapiens chondrolectin (CHODL), transcript variant 5, mRNA;



is signal recognition particle 19kDa (SRP19), transcript variant 6, mRNA; gi|323510699|ref|NM\_001204

is nitric oxide synthase 1 (neuronal) (NOS1), transcript variant 1, mRNA;

riant 5, mRNA; gi|323668314|ref|NM\_001204184.1| Homo sapiens tumor protein p73 (TP73), transcri

gi|323714270|ref|NM\_001164837.2| Homo sapiens FXYD domain containing ion transport regulator 6

variant 1, mRNA;

;  
s amyloid beta (A4) precursor protein (APP), transcript variant 2, mRNA; gi|324021739|ref|NM\_001204  
sion of tumorigenicity 7 like (ST7L), transcript variant 3, mRNA;

encoding mitochondrial protein, transcript variant 2, mRNA;

, mRNA; gi|324073294|ref|NM\_001204314.1| Homo sapiens prolactin receptor (PRLR), transcript varia

ranscript variant 2, mRNA;  
r domain containing 1, E3 ubiquitin protein ligase (RCHY1), transcript variant 5, non-coding RNA; gi|324:  
!04367.1| Homo sapiens microsomal glutathione S-transferase 2 (MGST2), transcript variant 3, mRNA;

tide receptor C/guanylate cyclase C (atrionatriuretic peptide receptor C) (NPR3), transcript variant 3, mF  
apiens discs, large homolog 1 (Drosophila) (DLG1), transcript variant 1, mRNA; gi|324120937|ref|NM\_0

iens mucin 1, cell surface associated (MUC1), transcript variant 16, mRNA; gi|324120979|ref|NM\_0012

ant 4, mRNA; gi|335057530|ref|NM\_181523.2| Homo sapiens phosphoinositide-3-kinase, regulatory st

domain 2 (PITX2), transcript variant 5, mRNA; gi|324711006|ref|NM\_153427.2| Homo sapiens paired-l

iens apoptotic peptidase activating factor 1 (APAF1), transcript variant 4, mRNA; gi|32483365|ref|NM\_

ariant 2, mRNA;

RNA;

RNA;

51), transcript variant 3, mRNA;

r gene encoding mitochondrial protein, transcript variant 3, mRNA;

mo sapiens ankyrin 3, node of Ranvier (ankyrin G) (ANK3), transcript variant 2, mRNA;

is regulator of G-protein signaling 6 (RGS6), transcript variant 6, mRNA; gi|325053677|ref|NM\_0012044

transcript variant 3, mRNA; gi|325120960|ref|NM\_001204459.1| Homo sapiens tumor necrosis factor re

mRNA;

ding motif protein 10 (RBM10), transcript variant 1, mRNA; gi|325120983|ref|NM\_001204467.1| Homc

cript variant 3, mRNA; gi|325197153|ref|NM\_172173.2| Homo sapiens calcium/calmodulin-dependent

sociated protein 3 (KIFAP3), transcript variant 3, mRNA;

mRNA; gi|325197204|ref|NM\_175080.2| Homo sapiens purinergic receptor P2X, ligand-gated ion chanr  
eta (DGKH), transcript variant 1, mRNA; gi|325197216|ref|NM\_178009.3| Homo sapiens diacylglycerol

P-cadherin (CDH16), transcript variant 1, mRNA;

ignal sequence receptor, delta (SSR4), transcript variant 2, mRNA;

[eag-related), member 2 (KCNH2), transcript variant 2, mRNA; gi|325651832|ref|NM\_172057.2| Homo

ens PTK2B protein tyrosine kinase 2 beta (PTK2B), transcript variant 3, mRNA;

|325651947|ref|NM\_001204833.1| Homo sapiens anoctamin 10 (ANO10), transcript variant 4, mRNA;  
?NF568), transcript variant 5, mRNA; gi|325651959|ref|NM\_001204837.1| Homo sapiens zinc finger pr

olypeptide 1 (15kDa, elongin C) (TCEB1), transcript variant 5, mRNA; gi|325652036|ref|NM\_001204859  
JR\_028035.2| Homo sapiens Fas (TNF receptor superfamily, member 6) (FAS), transcript variant 6, non-

RNA; gi|325652075|ref|NM\_001204868.1| Homo sapiens syntaxin 16 (STX16), transcript variant 5, mRNA

ef|NR\_037944.1| Homo sapiens WNT1 inducible signaling pathway protein 1 (WISP1), transcript variant

1, mRNA; gi|325910886|ref|NR\_037949.1| Homo sapiens Berardinelli-Seip congenital lipodystrophy 2 (1885.1| Homo sapiens RAB43, member RAS oncogene family (RAB43), transcript variant 4, mRNA; gi|32

, mRNA; gi|326807036|ref|NM\_001142673.2| Homo sapiens ATG13 autophagy related 13 homolog (S.

omo sapiens hypoxia inducible factor 3, alpha subunit (HIF3A), transcript variant 1, mRNA;  
O-methyltransferase domain containing (LRTOMT), transcript variant 2, mRNA; gi|326937408|ref|NM\_1

ript variant 1, mRNA;

gi|327412318|ref|NM\_015256.3| Homo sapiens acyl-CoA synthetase long-chain family member 6 (ACS

al (CPS1), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA;

387930|ref|NR\_038109.1| Homo sapiens uncharacterized LOC100507246 (LOC100507246), transcript v

nRNA; gi|328927008|ref|NM\_152403.3| Homo sapiens EGF-like, fibronectin type III and laminin G dom

unit (CACNA1E), transcript variant 1, mRNA;



nouse) (USMG5), transcript variant 2, mRNA;

ngulfment and cell motility 1 (ELMO1), transcript variant 6, non-coding RNA; gi|330688435|ref|NM\_00  
ariant 3, non-coding RNA;

L, mRNA;

30864822|ref|NM\_001206524.1| Homo sapiens caspase 10, apoptosis-related cysteine peptidase (CAS

iant 3, mRNA; gi|330864758|ref|NM\_001206571.1| Homo sapiens sortilin-related VPS10 domain cont

CHN1), transcript variant 1, mRNA;

6652.1| Homo sapiens SH3-domain GRB2-like endophilin B1 (SH3GLB1), transcript variant 3, mRNA;

script variant 3, mRNA;

it 1, mRNA;

'100), transcript variant 1, mRNA; gi|122939209|ref|NM\_003113.3| Homo sapiens SP100 nuclear antigen  
script variant 1, mRNA; gi|332000003|ref|NM\_172177.3| Homo sapiens mitochondrial ribosomal protein  
unit (PRKAG1), transcript variant 4, mRNA;

' cofactor (p47) (NSFL1C), transcript variant 1, mRNA;  
omolog 3 (protein kinase B, gamma) (AKT3), transcript variant 3, mRNA;

| Homo sapiens RAB27A, member RAS oncogene family (RAB27A), transcript variant 4, mRNA;

LC22A6), transcript variant 2, mRNA; gi|332164712|ref|NM\_153277.2| Homo sapiens solute carrier family  
NA; gi|332078496|ref|NM\_004480.4| Homo sapiens fucosyltransferase 8 (alpha (1,6) fucosyltransferase

001206789.1| Homo sapiens transmembrane protease, serine 13 (TMPRSS13), transcript variant 2, mRNA  
(PKM2), transcript variant 3, mRNA; gi|332164772|ref|NM\_182470.2| Homo sapiens pyruvate kinase, isoform  
206801.1| Homo sapiens replication factor C (activator 1) 5, 36.5kDa (RFC5), transcript variant 5, mRNA

rase 5 (KAT5), transcript variant 3, mRNA;

'TPRZ1), transcript variant 1, mRNA;  
trans-golgi network protein 2 (TGOLN2), transcript variant 4, mRNA;

transcript variant 4, mRNA; gi|332205956|ref|NM\_001206842.1| Homo sapiens germ cell associated 1 (NLGN4Y), transcript variant 2, mRNA; gi|376319254|ref|NR\_046355.1| Homo sapiens neuroligin 4, Y-l

member 2 (CAPRIN2), transcript variant 3, mRNA; gi|50428932|ref|NM\_001002259.1| Homo sapiens capri  
terminal domain, RNA polymerase II, polypeptide A) small phosphatase 1 (CTDSP1), transcript variant 3,

n, transcript variant 2, mRNA;

ter), member 1 (Kidd blood group) (SLC14A1), transcript variant 1, mRNA; gi|226371771|ref|NM\_001:

|ref|NM\_001206880.1| Homo sapiens murine retrovirus integration site 1 homolog (MRVI1), transcript  
32634693|ref|NM\_170696.2| Homo sapiens aldehyde dehydrogenase 1 family, member A2 (ALDH1A2  
1BP1), transcript variant 4, mRNA; gi|332634739|ref|NM\_001206901.1| Homo sapiens Tax1 (human T-

variant 2, mRNA; gi|332634845|ref|NM\_000725.3| Homo sapiens calcium channel, voltage-dependent, L

4949|ref|NM\_001206924.1| Homo sapiens CD86 molecule (CD86), transcript variant 4, mRNA;

A;

1A; gi|332635069|ref|NM\_001206944.1| Homo sapiens chondroitin sulfate proteoglycan 5 (neuroglyca

variant 3, mRNA; gi|332635086|ref|NM\_001206947.1| Homo sapiens phosphatidylinositol binding clat

mRNA; gi|332800989|ref|NR\_038190.1| Homo sapiens advanced glycosylation end product-specific re  
monocarboxylic acid transporter 4) (SLC16A3), transcript variant 6, mRNA; gi|332800978|ref|NM\_0012

10998|ref|NM\_001206971.1| Homo sapiens protein tyrosine phosphatase, receptor type, B (PTPRB), tra

346429.1| Homo sapiens chromosome 4 open reading frame 26 (C4orf26), transcript variant 4, non-cod  
transferase like 23 (METTL23), transcript variant 6, mRNA; gi|332801042|ref|NR\_038193.1| Homo sap

NA; gi|332801020|ref|NM\_005123.3| Homo sapiens nuclear receptor subfamily 1, group H, member 4  
variant 5, mRNA; gi|332801068|ref|NM\_001206994.1| Homo sapiens protein phosphatase 2, regulator

RNA;

nt 3, non-coding RNA;  
y 6 (neurotransmitter transporter, betaine/GABA), member 12 (SLC6A12), transcript variant 2, mRNA; gi  
transcript variant 5, non-coding RNA;

33108234|ref|NM\_001207013.1| Homo sapiens protein tyrosine phosphatase, non-receptor type 2 (PT  
transcript variant 3, non-coding RNA; gi|333108246|ref|NR\_038208.1| Homo sapiens tospeak (LOC100616  
18250|ref|NM\_002849.3| Homo sapiens protein tyrosine phosphatase, receptor type, R (PTPRR), transc

1\_001207018.1| Homo sapiens smoothelin (SMTN), transcript variant 5, mRNA;

7.1| Homo sapiens uncharacterized LOC154092 (LOC154092), transcript variant 2, non-coding RNA;

variant 3, non-coding RNA; gi|333360901|ref|NR\_038226.1| Homo sapiens ZNF503 antisense RNA 1 (non

site APP-cleaving enzyme 1 (BACE1), transcript variant a, mRNA; gi|333440464|ref|NM\_138973.3| Homo

2|ref|NM\_175849.1| Homo sapiens DNA (cytosine-5-)-methyltransferase 3 beta (DNMT3B), transcript v

207065.1| Homo sapiens coxsackie virus and adenovirus receptor (CXADR), transcript variant 4, mRNA;  
470710|ref|NR\_038247.1| Homo sapiens uncharacterized LOC100507433 (LOC100507433), transcript v

7.1| Homo sapiens basic leucine zipper and W2 domains 1 (BZW1), transcript variant 1, mRNA;

on-coding RNA;

4|ref|NM\_001207035.1| Homo sapiens ets variant 7 (ETV7), transcript variant 2, mRNA; gi|333470746|

|ref|NM\_030668.2| Homo sapiens protein tyrosine phosphatase, receptor type, O (PTPRO), transcript v  
coding RNA;  
RNA; gi|333609228|ref|NM\_138344.4| Homo sapiens family with sequence similarity 181, member A

g protein 3 (HIVEP3), transcript variant 3, non-coding RNA; gi|347582596|ref|NM\_001127714.2| Hom

l peptidase 7 (KLK7), transcript variant 2, mRNA;  
ranscript variant 1, mRNA;

03625.3| Homo sapiens protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting

RNA; gi|333805643|ref|NM\_170676.3| Homo sapiens Meis homeobox 2 (MEIS2), transcript variant d, r

cadherin 13, H-cadherin (heart) (CDH13), transcript variant 6, mRNA; gi|333944017|ref|NM\_00122048

385196|ref|NR\_038308.1| Homo sapiens uncharacterized LOC100505702 (LOC100505702), transcript v

1, mRNA;

Homo sapiens IKAROS family zinc finger 1 (Ikaros) (IKZF1), transcript variant 12, mRNA; gi|334085230|ref|NM\_008523.4|ref|NR\_038312.1| Homo sapiens uncharacterized LOC100505746 (LOC100505746), transcript v  
gi|310832422|ref|NM\_000389.4| Homo sapiens cyclin-dependent kinase inhibitor 1A (p21, Cip1) (CDK

1A), transcript variant 1, mRNA;

3, mRNA; gi|334085275|ref|NR\_038322.1| Homo sapiens mitogen-activated protein kinase kinase kir

gi|334191692|ref|NM\_001242335.1| Homo sapiens LIM homeobox 6 (LHX6), transcript variant 5, mR

. | Homo sapiens vanin 2 (VNN2), transcript variant 3, non-coding RNA;

A;

1\_001199261.1 | Homo sapiens ubiquitin carboxyl-terminal hydrolase L5 (UCHL5), transcript variant 2, n

ns melanoma antigen family D, 4B (MAGED4B), transcript variant 3, mRNA;

: 1, non-coding RNA; gi|334358869|ref|NR\_038345.1 | Homo sapiens MAGI2 antisense RNA 3 (non-prot

4829.5 | Homo sapiens natural cytotoxicity triggering receptor 1 (NCR1), transcript variant 1, mRNA; gi|:

38824|ref|NM\_017586.3 | Homo sapiens calcium channel flower domain containing 1 (CACFD1), transcr



transcript variant 2, mRNA;

10 (WDR20), transcript variant 3, mRNA; gi|334848132|ref|NM\_001242414.1| Homo sapiens WD repeat

10.3| Homo sapiens growth factor receptor-bound protein 7 (GRB7), transcript variant 1, mRNA;

like receptor, subfamily A (with TM domain), member 5 (LILRA5), transcript variant 3, mRNA; gi|328953

, mRNA; gi|334883177|ref|NM\_001142289.2| Homo sapiens mahogunin ring finger 1, E3 ubiquitin pro

receptor (GHR), transcript variant 2, mRNA; gi|335057498|ref|NM\_001242460.1| Homo sapiens growth

transcript variant 1, mRNA;

2 (NF345), transcript variant 2, mRNA; gi|335057556|ref|NR\_038362.1| Homo sapiens zinc finger protein

NA;

transcript

transcript variant 1, mRNA; gi|148277070|ref|NM\_001093771.1| Homo sapiens thioredoxin reductase

(EIF1AD), transcript variant 5, mRNA; gi|335334942|ref|NM\_032325.3| Homo sapiens eukaryotic trans

A; gi|335334968|ref|NM\_001242490.1| Homo sapiens family with sequence similarity 156, member A  
in containing (MIF4GD), transcript variant 3, mRNA;

IA;

iodinase, iodothyronine, type II (DIO2), transcript variant 1, mRNA; gi|335353781|ref|NM\_001242502.

ript variant 2, mRNA;

335892799|ref|NM\_173473.3| Homo sapiens anaphase promoting complex subunit 16 (ANAPC16), tra

, mRNA; gi|335892877|ref|NM\_001242536.1| Homo sapiens major facilitator superfamily domain con

ipt variant 1, mRNA; gi|336020356|ref|NM\_145687.3| Homo sapiens mitogen-activated protein kinase

176045|ref|NR\_038412.1| Homo sapiens uncharacterized LOC100506779 (LOC100506779), transcript v

transcript variant 4, mRNA; gi|296317366|ref|NM\_031462.3| Homo sapiens CD99 molecule-like 2 (CD99)

, non-coding RNA; gi|336285205|ref|NM\_001242628.1| Homo sapiens glucose-fructose oxidoreductase

neural cell adhesion molecule 1 (NCAM1), transcript variant 3, mRNA; gi|336285442|ref|NM\_001242600

, non-coding RNA;

'A), transcript variant 3, non-coding RNA;

receptor A (IL31RA), transcript variant 3, mRNA; gi|336391154|ref|NM\_139017.5| Homo sapiens interleukin 31 receptor A (IL31RA), transcript variant 3, mRNA

9|ref|NM\_001193488.1| Homo sapiens LIM and senescent cell antigen-like domains 1 (LIMS1), transcript variant 3, mRNA

ns adenosylhomocysteinase-like 1 (AHCYL1), transcript variant 2, mRNA; gi|336455098|ref|NM\_001242

ding RNA;

ant 3, non-coding RNA; gi|336455114|ref|NR\_038896.1| Homo sapiens DSCAM antisense RNA 1 (non-



d protein 8, apolipoprotein e receptor (LRP8), transcript variant 4, mRNA; gi|337299716|ref|NM\_01752



i|337756506|ref|NM\_001242768.1| Homo sapiens methylenetetrahydrofolate dehydrogenase (NADP-













cript variant 8, mRNA; gi|338221675|ref|NM\_001242763.1| Homo sapiens discs, large (Drosophila) ho  
161B-AS1), transcript variant 1, non-coding RNA;

iens transmembrane protein 139 (TMEM139), transcript variant 6, mRNA; gi|338221715|ref|NM\_001:



calpain 1, (mu/l) large subunit (CAPN1), transcript variant 3, mRNA;  
the gene enhancer in B-cells, kinase beta (IKBKB), transcript variant 2, mRNA; gi|299758409|ref|NM\_001

oxylase synthetase (biotin-(propionyl-CoA-carboxylase (ATP-hydrolysing)) ligase) (HLCS), transcript varia  
BRF1 homolog, subunit of RNA polymerase III transcription initiation factor IIIB (S. cerevisiae) (BRF1), tr

|307133689|ref|NM\_015215.2| Homo sapiens calmodulin binding transcription activator 1 (CAMTA1),

2NF322), transcript variant 1, mRNA;

2NF790), transcript variant 1, mRNA;

ain, testis-specific (BRDT), transcript variant 4, mRNA; gi|168229153|ref|NM\_001726.3| Homo sapiens  
at domain 6 (ANKRD6), transcript variant 5, mRNA; gi|338797774|ref|NM\_014942.4| Homo sapiens ar

iRNA; gi|338797795|ref|NM\_001242819.1| Homo sapiens differentially expressed in FDCP 8 homolog (

, transcript variant 3, mRNA; gi|338827613|ref|NM\_005785.3| Homo sapiens ring finger protein 41 (RN  
327611|ref|NR\_040051.1| Homo sapiens uncharacterized LOC100506686 (LOC100506686), transcript v

327632|ref|NR\_040059.1| Homo sapiens uncharacterized LOC100131089 (LOC100131089), transcript v

ty acid elongase 5 (ELOVL5), transcript variant 3, mRNA;

327657|ref|NR\_040069.1| Homo sapiens uncharacterized LOC100287616 (LOC100287616), transcript v

member 4 (NDRG4), transcript variant 2, mRNA; gi|338827667|ref|NM\_022910.3| Homo sapiens NDR

tein 195 (ZNF195), transcript variant 1, mRNA; gi|378744219|ref|NR\_046381.1| Homo sapiens zinc fin

4 (SETD4), transcript variant 4, non-coding RNA; gi|338827736|ref|NR\_040086.1| Homo sapiens SET d

|ref|NM\_001242854.1| Homo sapiens ADP-ribosylation factor interacting protein 2 (ARFIP2), transcript

NA; gi|338827758|ref|NM\_001242860.1| Homo sapiens protein kinase, cAMP-dependent, catalytic, be

omo sapiens protein arginine methyltransferase 2 (PRMT2), transcript variant 1, mRNA; gi|338968839|

motif family, member 1 (SLAIN1), transcript variant 6, mRNA; gi|338968857|ref|NM\_001040153.3| H

cript variant 2, mRNA;

ef|NM\_001242877.1| Homo sapiens elongation protein 2 homolog (*S. cerevisiae*) (ELP2), transcript vari

NR\_040104.1| Homo sapiens carbohydrate kinase domain containing (CARKD), transcript variant 6, non-

ript variant 2, mRNA; gi|338968916|ref|NM\_001242887.1| Homo sapiens dopa decarboxylase (aroma

927|ref|NM\_001007553.2| Homo sapiens cold shock domain containing E1, RNA-binding (CSDE1), tran

ansfer protein (PLTP), transcript variant 4, mRNA;

LO (ZNF410), transcript variant 4, mRNA; gi|339275852|ref|NR\_040251.1| Homo sapiens zinc finger pro

KS3), transcript variant 1, mRNA;

phoesterase 1 (MPPE1), transcript variant 4, non-coding RNA; gi|339275989|ref|NR\_040242.1| Homo :

e, polypeptide 2 (B4GALT2), transcript variant 3, mRNA;

ntaining 5 (DEPDC5), transcript variant 3, mRNA; gi|339276032|ref|NM\_001242897.1| Homo sapiens C  
)|ref|NM\_001242899.1| Homo sapiens protein phosphatase 6, regulatory subunit 2 (PPP6R2), transcrip

is zinc finger, AN1-type domain 6 (ZFAND6), transcript variant 3, mRNA; gi|339276064|ref|NM\_001242

l), transcript variant d, mRNA; gi|194354000|ref|NM\_001130417.1| Homo sapiens solute carrier family

interacting protein) (NIN), transcript variant 6, mRNA;

(amino acid transporter light chain, y+L system), member 7 (SLC7A7), transcript variant 1, non-coding RNA;

blood group) (ICAM4), transcript variant 1, mRNA;

!01716|ref|NM\_198381.1| Homo sapiens E74-like factor 5 (ets domain transcription factor) (ELF5), transcript variant 1, mRNA; gi|340545542|ref|NM\_001243088.1| Homo sapiens forkhead box M1 (FOXO1), transcript variant 1, mRNA;

349|ref|NM\_001012338.2| Homo sapiens neurotrophic tyrosine kinase, receptor, type 3 (NTRK3), transcript variant 1, mRNA;

appa light polypeptide gene enhancer in B-cells inhibitor, beta (NFKB1B), transcript variant 1, mRNA; transcript variant 2, transcript variant 3, mRNA;

t variant 5, mRNA; gi|301171604|ref|NM\_001193426.1| Homo sapiens suppressor of variegation 3-9 h

923.4| Homo sapiens phosphodiesterase 4C, cAMP-specific (PDE4C), transcript variant 1, mRNA;  
transcript variant 3, mRNA;

3, member 1 (SULT1A1), transcript variant 2, mRNA; gi|341823663|ref|NM\_177534.2| Homo sapiens st  
NA; gi|148612797|ref|NM\_145065.2| Homo sapiens pellino E3 ubiquitin protein ligase family member

f|NM\_016359.4| Homo sapiens nucleolar and spindle associated protein 1 (NUSAP1), transcript variant

341915511|ref|XR\_110550.2| PREDICTED: Homo sapiens hypothetical LOC100506913, transcript variar

5.1 | PREDICTED: Homo sapiens cadherin-23-like, transcript variant 3 (LOC100653137), mRNA; gi|34191

341915539|ref|XR\_109036.2| PREDICTED: Homo sapiens hypothetical LOC100506167, transcript variar



341913822|ref|XR\_111313.2| PREDICTED: Homo sapiens hypothetical LOC100506869, transcript variar

310123142|ref|XR\_110233.1| PREDICTED: Homo sapiens hypothetical LOC100506792, transcript variar



341914134|ref|XR\_133165.1| PREDICTED: Homo sapiens hypothetical LOC100507353, transcript variar

341914154|ref|XR\_133174.1| PREDICTED: Homo sapiens hypothetical LOC100506694, transcript variar

310118716|ref|XR\_110825.1| PREDICTED: Homo sapiens hypothetical LOC100505794, transcript variar

341915131|ref|XR\_108358.2| PREDICTED: Homo sapiens hypothetical LOC100129268, transcript variar

orm 3-like, transcript variant 8 (LOC100653194), mRNA; gi|341914285|ref|XM\_003403722.1| PREDICTI

341914318|ref|XR\_133261.1| PREDICTED: Homo sapiens hypothetical LOC100505663, transcript variar

310119093|ref|XR\_108413.1| PREDICTED: Homo sapiens hypothetical LOC100507039, transcript variar

341915201|ref|XR\_110020.2| PREDICTED: Homo sapiens hypothetical LOC100507082, transcript variar

310119495|ref|XR\_108578.1| PREDICTED: Homo sapiens hypothetical LOC100506791, transcript variar

341915280|ref|XR\_108558.2| PREDICTED: Homo sapiens hypothetical LOC100288963, transcript variar



iens chromosome 6 open reading frame 183 (C6orf183), mRNA;

132850.1 | PREDICTED: Homo sapiens hypothetical LOC100505913 (LOC100505913), miscRNA;

), mRNA; gi|341915064|ref|XM\_003403555.1 | PREDICTED: Homo sapiens putative IQ and AAA domain

A0146, transcript variant 13 (KIAA0146), mRNA; gi|341914762|ref|XM\_003403812.1 | PREDICTED: Hom

310120278|ref|XR\_108898.1| PREDICTED: Homo sapiens hypothetical LOC100507316, transcript variar

341914854|ref|XR\_133537.1| PREDICTED: Homo sapiens hypothetical LOC100505993, transcript variar

in FRG1-like (LOC100289097), mRNA; gi|341914890|ref|XM\_003403839.1| PREDICTED: Homo sapiens

lass II histocompatibility antigen, DRB1-7 beta chain-like, transcript variant 2 (LOC100507714), mRNA; g

341914966|ref|XR\_133564.1| PREDICTED: Homo sapiens hypothetical LOC100506790, transcript variar

ucin 3A, cell surface associated (MUC3A), partial mRNA;

341915403|ref|XR\_108846.2| PREDICTED: Homo sapiens hypothetical LOC100506027, transcript variar

), miscRNA;

341914236|ref|XR\_133223.1| PREDICTED: Homo sapiens hypothetical LOC100506642, transcript variar

310118972|ref|XR\_109920.1| PREDICTED: Homo sapiens hypothetical LOC100506076, transcript variar



pothetical LOC100287329 (LOC100287329), miscRNA; gi|310114988|ref|XR\_112850.1| PREDICTED: Ho

variant 4 (LOC100652949), mRNA; gi|341915443|ref|XM\_003403535.1| PREDICTED: Homo sapiens HE





341915565|ref|XR\_132900.1| PREDICTED: Homo sapiens hypothetical LOC100507645 (LOC100507645)

D: Homo sapiens hypothetical LOC100288366 (LOC100288366), miscRNA; gi|341913803|ref|XR\_11128

310110398|ref|XR\_111311.1| PREDICTED: Homo sapiens hypothetical LOC100507065, transcript variar

341913986|ref|XR\_133093.1| PREDICTED: Homo sapiens hypothetical LOC100128108, transcript variar

310123378|ref|XR\_109216.1| PREDICTED: Homo sapiens hypothetical LOC100506983, transcript variar

D: Homo sapiens hypothetical LOC100507419 (LOC100507419), miscRNA; gi|341915741|ref|XR\_13260

9419.1 | PREDICTED: Homo sapiens hypothetical LOC645722, transcript variant 1 (LOC645722), miscRNA

.D: Homo sapiens hypothetical LOC100287562, transcript variant 1 (LOC100287562), miscRNA;



3403657.1| PREDICTED: Homo sapiens zinc finger protein 26-like, transcript variant 4 (LOC100287515),

341915987|ref|XR\_132620.1| PREDICTED: Homo sapiens hypothetical LOC100506201, transcript variar

|XM\_003119082.1| PREDICTED: Homo sapiens serine/arginine-rich splicing factor 10-like (LOC100505795)

ε receptor 2DL4-like, transcript variant 1 (LOC100287534), mRNA; gi|341916069|ref|XM\_003403577.1

s II histocompatibility antigen, DQ alpha 1 chain-like, transcript variant 1 (LOC100507718), mRNA; gi|311

transcript variant 1 (LOC100653061), mRNA;

ulin-like receptor, two domains, short cytoplasmic tail, 5, transcript variant 1 (KIR2DS5), mRNA;

receptor 2DL2-like, transcript variant 3 (LOC100653050), mRNA;

ller cell immunoglobulin-like receptor, two domains, short cytoplasmic tail, 2 (KIR2DS2), mRNA; gi|3419

omo sapiens golgin A6 family-like, transcript variant 2 (LOC645202), mRNA; gi|310123206|ref|XM\_0031

ns pre T-cell antigen receptor alpha (PTCRA), transcript variant 2, mRNA;

γ (TBP)-associated factor, RNA polymerase I, C, 110kDa (TAF1C), transcript variant 4, mRNA; gi|3419262

aldolase A, fructose-bisphosphate (ALDOA), transcript variant 2, mRNA; gi|342187210|ref|NM\_001243

n-conjugating enzyme E2I (UBE2I), transcript variant 4, mRNA;

lear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|342349300|ref|NM\_001142461|  
ant 2, mRNA; gi|342672016|ref|NM\_173215.2| Homo sapiens nuclear factor of activated T-cells 5, toni  
t 4, mRNA;  
fidelity factor 8 homolog (*S. cerevisiae*) (CHTF8), transcript variant 1, mRNA;

ript variant 12, mRNA; gi|145312266|ref|NM\_001083962.1| Homo sapiens transcription factor 4 (TCF4)

RNA binding motif protein 39 (RBM39), transcript variant 6, non-coding RNA; gi|342837695|ref|NR\_040



RNA;

A; gi|342837746|ref|NM\_001243249.1| Homo sapiens nitrogen permease regulator-like 3 (S. cerevisia

ranscript variant 2, mRNA;

ipt variant 3, mRNA; gi|343098501|ref|NR\_033118.2| Homo sapiens Zic family member 4 (ZIC4), transc

: 3, non-coding RNA; gi|364502997|ref|NR\_045667.1| Homo sapiens acyl-CoA synthetase family memb  
f|NM\_001243281.1| Homo sapiens activated leukocyte cell adhesion molecule (ALCAM), transcript vari

s retinoic acid early transcript 1E (RAET1E), transcript variant 4, mRNA;  
M\_201575.3| Homo sapiens seizure related 6 homolog (mouse)-like 2 (SEZ6L2), transcript variant 2, mF

homolog (*S. cerevisiae*) (SEC13), transcript variant 4, non-coding RNA;

s cAMP responsive element modulator (CREM), transcript variant 16, mRNA; gi|359465528|ref|NM\_18.

omplex, class II invariant chain (CD74), transcript variant 3, mRNA;

!| Homo sapiens pyrin and HIN domain family, member 1 (PYHIN1), transcript variant 2, mRNA;

itter transporter, GABA), member 13 (SLC6A13), transcript variant 1, mRNA;

family member 13A (KIF13A), transcript variant 4, mRNA; gi|343478154|ref|NM\_022113.5| Homo sapiens  
domains 1 (SPECC1), transcript variant 5, mRNA; gi|343478202|ref|NM\_001243439.1| Homo sapiens s

2, mRNA;

o sapiens chloride channel, voltage-sensitive 3 (CLCN3), transcript variant b, mRNA;

omo sapiens estrogen-related receptor gamma (ESRRG), transcript variant 13, mRNA; gi|343780867|ref|

interleukin 15 receptor, alpha (IL15RA), transcript variant 4, mRNA; gi|294712547|ref|NM\_002189.3|

5.1 | Homo sapiens dehydrodolichyl diphosphate synthase (DHDDS), transcript variant 4, mRNA;

63|ref|NM\_001195015.2| Homo sapiens CD4 molecule (CD4), transcript variant 3, mRNA;

43610.1| Homo sapiens LIM domain only 3 (rhombotin-like 2) (LMO3), transcript variant 4, mRNA; gi|343887377|ref|NM\_001243660.1| Homo sapiens nudix (nucleoside diphosphate-linked moiety X motif) 7 (NUDT7), transcript variant 1, mRNA; gi|224548954|ref|NR\_027159.1| Homo sapiens C17orf76 antisense transcript variant 23, non-coding RNA

transcript variant 6, non-coding RNA; gi|344030198|ref|NR\_045018.1| Homo sapiens LETM1 domain c  
lomo sapiens RAB6A, member RAS oncogene family (RAB6A), transcript variant 3, mRNA;

ding RNA;

TX264), transcript variant 4, mRNA; gi|344030220|ref|NM\_001243727.1| Homo sapiens testis express  
01243729.1| Homo sapiens chromosome 3 open reading frame 55 (C3orf55), transcript variant 5, mRNA.

: acid receptor, gamma (RARG), transcript variant 4, mRNA; gi|344030236|ref|NM\_001243731.1| Homo

.035230.2 | Homo sapiens RAB GTPase activating protein 1-like (RABGAP1L), transcript variant 2, mRNA;

43751.1 | Homo sapiens chromosome 7 open reading frame 49 (C7orf49), transcript variant 3, mRNA; gi

A;

nt 6, non-coding RNA; gi|344313183|ref|NM\_001243771.1 | Homo sapiens anterior pharynx defective  
pt variant 3, mRNA;

IM domain and actin binding 1 (LIMA1), transcript variant 1, mRNA;

mRNA; gi|344925829|ref|NM\_001243779.1 | Homo sapiens family with sequence similarity 213, membe

1\_002599.4 | Homo sapiens phosphodiesterase 2A, cGMP-stimulated (PDE2A), transcript variant 1, mRN

glycosylase 1 (SMUG1), transcript variant 1, mRNA; gi|344925870|ref|NM\_001243788.1 | Homo sapien  
;

piens TSC22 domain family, member 1 (TSC22D1), transcript variant 3, mRNA; gi|345090983|ref|NM\_0

804.1 | Homo sapiens zinc finger, C4H2 domain containing (ZC4H2), transcript variant 4, mRNA; gi|34509

transcript variant 2, mRNA; gi|345110650|ref|NM\_001076684.2| Homo sapiens upstream binding transcript

(TPD52L2), transcript variant 2, mRNA; gi|345198269|ref|NM\_001243895.1| Homo sapiens tumor pro

transcript variant 4, mRNA; gi|345197212|ref|NM\_001243876.1| Homo sapiens sphingosine kinase 2 (SPH

ase 3 (MAPKAPK3), transcript variant 1, mRNA;

resin heavy chain member 2A (KIF2A), transcript variant 3, mRNA;

transcript variant 3, mRNA;

ated protein 2 (PRPSAP2), transcript variant 2, mRNA; gi|345478667|ref|NM\_001243940.1| Homo sapiens  
.1| Homo sapiens neural precursor cell expressed, developmentally down-regulated 4-like, E3 ubiquitin

protein 146 (RNF146), transcript variant 10, mRNA; gi|338827721|ref|NM\_001242846.1| Homo sapiens rir

|333470759|ref|NM\_001207059.1| Homo sapiens chromosome 15 open reading frame 44 (C15orf44),

ns EGF-like-domain, multiple 7 (EGFL7), transcript variant 2, mRNA; gi|345525413|ref|NM\_016215.4| H

ranscript variant 3, mRNA;

ranscript variant 1, mRNA; gi|345842444|ref|NM\_001243985.1| Homo sapiens v-rel reticuloendotheli

998.1| Homo sapiens cyclin D-type binding-protein 1 (CCNDBP1), transcript variant 5, non-coding RNA; g

NM\_001244000.1| Homo sapiens Spi-B transcription factor (Spi-1/PU.1 related) (SPIB), transcript variar

ating transcription factor 3 (ATF3), transcript variant 7, mRNA; gi|346223456|ref|NM\_001040619.2| Hc

6644668|ref|NM\_001244193.1| Homo sapiens KIAA0586 (KIAA0586), transcript variant 6, mRNA; gi|34

NA; gi|346644848|ref|NM\_001244249.1| Homo sapiens APEX nuclease (multifunctional DNA repair en  
mRNA; gi|346716179|ref|NM\_139347.2| Homo sapiens bridging integrator 1 (BIN1), transcript variant  
2), transcript variant 4, mRNA; gi|346986330|ref|NM\_147172.2| Homo sapiens nudix (nucleoside diphc

mo sapiens ATPase, Ca++ transporting, ubiquitous (ATP2A3), transcript variant 2, mRNA; gi|346986469

homo sapiens BH3 interacting domain death agonist (BID), transcript variant 2, mRNA; gi|347300412|ref|NM\_001125438.1

transcript 2, mRNA;

human armadillo repeat containing 10 (ARMC10), transcript variant E, mRNA; gi|347446695|ref|NM\_001125438.1

mRNA; gi|348605226|ref|NM\_001244812.1| Homo sapiens forkhead box P1 (FOXP1), transcript variant

aining 55 (TRIM55), transcript variant 1, mRNA;

ranscript variant 2, mRNA; gi|349501060|ref|NM\_001244846.1| Homo sapiens checkpoint kinase 1 (Chk1), transcript variant 2, mRNA;

(AGAP1), transcript variant 2, mRNA;

nt 1, mRNA; gi|349732146|ref|NR\_045213.1| Homo sapiens Fc fragment of IgG, high affinity Ib, receptor 1, mRNA; gi|349732146|ref|NR\_045213.1| Homo sapiens polypyrimidine tract binding protein 3 (PTBP3), transcript variant 4, mRNA; gi|349732146|ref|NR\_045213.1| Homo sapiens polypyrimidine tract binding protein 3 (PTBP3), transcript variant 4, mRNA;

domains proteoglycan (testican) 2 (SPOCK2), transcript variant 2, mRNA;

in containing 3 (FRMD3), transcript variant 1, mRNA; gi|350276219|ref|NM\_001244962.1| Homo sapiens frizzled 3, mRNA;



|ref|NM\_152999.3| Homo sapiens STEAP family member 2, metalloredutase (STEAP2), transcript varia

mRNA; gi|350529399|ref|NM\_005597.3| Homo sapiens nuclear factor I/C (CCAAT-binding transcriptio

ulin kappa J region (RBPJ), transcript variant 2, mRNA; gi|350606370|ref|NM\_203284.2| Homo sapiens

reobox 2 (POU2F2), transcript variant 4, mRNA;

ariant 1, mRNA;

pt variant 3, mRNA;

no sapiens protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (lipri  
cript variant 2, mRNA; gi|351721141|ref|NM\_001247999.1| Homo sapiens membrane-spanning 4-don  
variant 1, mRNA;

containing 3 (TRIM3), transcript variant 2, mRNA;

variant 5, mRNA; gi|351721386|ref|NM\_020183.4| Homo sapiens aryl hydrocarbon receptor nuclear t

IA;

osphate linked moiety X)-type motif 9 (NUDT9), nuclear gene encoding mitochondrial protein, transcrip

rotein 1 (SPP1), transcript variant 2, mRNA; gi|91598938|ref|NM\_001040060.1| Homo sapiens secreted

53523784|ref|NM\_001251853.1| Homo sapiens phosphoinositide-3-kinase, regulatory subunit 5 (PIK3

251883.1| Homo sapiens vasoactive intestinal peptide receptor 1 (VIPR1), transcript variant 3, mRNA; gi  
e 1 (ASPSCR1), transcript variant 2, mRNA;

gi|353731059|ref|NM\_001251935.1| Homo sapiens nuclear receptor subfamily 1, group H, member 3

rotein, phosphotyrosine interaction, PH domain and leucine zipper containing 2 (APPL2), transcript vari

\_001251918.1| Homo sapiens RAP1B, member of RAS oncogene family (RAP1B), transcript variant 4, ml

t 2, mRNA;

r 3 (RCAN3), transcript variant 8, mRNA; gi|354623069|ref|NM\_001251978.1| Homo sapiens RCAN fam  
C. elegans (RIC3), transcript variant 3, mRNA; gi|354548823|ref|NM\_024557.4| Homo sapiens resistar  
t 1, mRNA;

1166436.2| Homo sapiens inter-alpha-trypsin inhibitor heavy chain 1 (ITIH1), transcript variant 4, mRNA  
sapiens geminin, DNA replication inhibitor (GMNN), transcript variant 3, mRNA;

ated antigen 9 (SPAG9), transcript variant 4, mRNA;

i647.1| Homo sapiens A kinase (PRKA) interacting protein 1 (AKIP1), transcript variant 3, mRNA; gi|1161  
.1| Homo sapiens triadin (TRDN), transcript variant 3, mRNA;

member A (TOR2A), transcript variant 2, mRNA; gi|354721150|ref|NM\_001252023.1| Homo sapiens to  
amily M, member 1 (TRPM1), transcript variant 2, mRNA; gi|354721165|ref|NM\_001252030.1| Homo s

NM\_181661.2| Homo sapiens vacuolar protein sorting 13 homolog B (yeast) (VPS13B), transcript varian

, transcript variant 4, mRNA; gi|226530907|ref|NM\_005389.2| Homo sapiens protein-L-isoaspartate (D

sapiens solute carrier family 9, subfamily A (NHE3, cation proton antiporter 3), member 3 regulator 2 (SLC

muscle RAS oncogene homolog (MRAS), transcript variant 3, mRNA; gi|355390289|ref|NM\_001085049.2|

ly member 21B (KIF21B), transcript variant 2, mRNA;

266|ref|NM\_001252122.1| Homo sapiens PAS domain containing serine/threonine kinase (PASK), trans

e) (LSM1), transcript variant 2, non-coding RNA;

transcript variant 4, mRNA; gi|356461004|ref|NM\_001252152.1| Homo sapiens solute carrier family 39 (zinc tr

Homo sapiens chromosome 9 open reading frame 24 (C9orf24), transcript variant 1, mRNA;

NA;

|356582449|ref|NM\_001252271.1| Homo sapiens family with sequence similarity 69, member A (FAM  
peptide A1, complex locus (UGT2A1), transcript variant 3, mRNA;

0265858|ref|NM\_001168377.1| Homo sapiens KIAA0319 (KIAA0319), transcript variant 5, mRNA; gi|27  
it 2, mRNA;

iscript variant 2, mRNA; gi|356874772|ref|NM\_001202560.2| Homo sapiens Williams Beuren syndrom

l interacting protein 1 (TNIP1), transcript variant 6, mRNA; gi|356874790|ref|NM\_001252390.1| Homo

r gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|357430785|ref|NR\_045530.1| H

ript variant 1, mRNA;  
NF638), transcript variant 3, mRNA;

ript variant 1, mRNA; gi|357640456|ref|NM\_001040092.2| Homo sapiens ectonucleotide pyrophospha  
r 1 (SLC8A1), transcript variant C, mRNA; gi|163914368|ref|NM\_001112800.1| Homo sapiens solute ca  
roid hormone receptor, beta (THRB), transcript variant 2, mRNA;

30258|ref|NR\_045559.1| Homo sapiens ubiquitously-expressed, prefoldin-like chaperone (UXT), transc  
inity glutamate transporter), member 2 (SLC1A2), transcript variant 3, mRNA;

nt 5, non-coding RNA; gi|358030324|ref|NM\_001252668.1| Homo sapiens GULP, engulfment adaptor l  
ember 1 (ACSS1), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|3582482  
, mRNA; gi|358248241|ref|NM\_001198798.2| Homo sapiens activating signal cointegrator 1 complex s  
l (BBS4), transcript variant 4, non-coding RNA;  
, transcript variant 2, mRNA; gi|358356403|ref|NM\_001253383.1| Homo sapiens ribosomal protein L1

ant 10, mRNA; gi|358438222|ref|NM\_001177634.2| Homo sapiens dystroglycan 1 (dystrophin-associat  
M (close homolog of L1) (CHL1), transcript variant 1, mRNA; gi|358438320|ref|NR\_045572.1| Homo sa  
lomo sapiens inositol-3-phosphate synthase 1 (ISYNA1), transcript variant 1, mRNA; gi|358438327|ref|N

415.1| Homo sapiens tight junction protein 2 (zona occludens 2) (TJP2), transcript variant 4, mRNA; gi|2

ing protein (ERBB2IP), transcript variant 8, mRNA; gi|358679314|ref|NM\_001006600.2| Homo sapiens

3862|ref|NM\_001253725.1| Homo sapiens kringle containing transmembrane protein 2 (KREMEN2), tr;  
gi|358784659|ref|NM\_021634.3| Homo sapiens relaxin/insulin-like family peptide receptor 1 (RXFP1), 1

ns steroid receptor RNA activator 1 (SRA1), transcript variant 4, non-coding RNA;

1.5| Homo sapiens protein arginine methyltransferase 1 (PRMT1), transcript variant 1, mRNA;

2NF331), transcript variant 2, mRNA; gi|120952828|ref|NM\_001079906.1| Homo sapiens zinc finger pr

sapiens uncharacterized LOC440335 (LOC440335), transcript variant 4, mRNA;

52A2), transcript variant 1, mRNA; gi|359465548|ref|NM\_001253816.1| Homo sapiens solute carrier f

3827.1| Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransfer  
nRNA; gi|359465588|ref|NM\_177995.2| Homo sapiens protein tyrosine phosphatase domain containin

t 2, mRNA; gi|359718946|ref|NM\_001253850.1| Homo sapiens V-set domain containing T cell activatio  
d antigen 6 (SPAG6), transcript variant 4, mRNA;

g RNA;

ear gene encoding mitochondrial protein, transcript variant 1, mRNA;

ase, type III) (AKR1C2), transcript variant 2, mRNA; gi|359751397|ref|NM\_001135241.2| Homo sapiens  
sapiens UDP-glucuronate decarboxylase 1 (UXS1), transcript variant 1, mRNA;

5|ref|NM\_001253900.1| Homo sapiens mesoderm specific transcript homolog (mouse) (MEST), transcr  
v;  
o-keto reductase family 1, member C3 (3-alpha hydroxysteroid dehydrogenase, type II) (AKR1C3), transcr  
1D1), transcript variant 2, mRNA; gi|359807050|ref|NM\_001253914.1| Homo sapiens TBC1 (tre-2/USF

Homo sapiens myosin binding protein C, slow type (MYBPC1), transcript variant 5, mRNA; gi|360039220

RNA; gi|361050335|ref|NM\_001254728.1| Homo sapiens adaptor-related protein complex 4, sigma 1 s

and coiled-coil domains 1-like (SPECC1L), transcript variant 3, mRNA; gi|361050347|ref|NM\_015330.3|

ef|NM\_001136106.4| Homo sapiens brain expressed, associated with NEDD4, 1 (BEAN1), transcript vari  
mRNA; gi|213385245|ref|NM\_022141.5| Homo sapiens parvin, gamma (PARVG), transcript variant 1, r

piens regulator of G-protein signaling 5 (RGS5), transcript variant 2, mRNA; gi|363001550|ref|NM\_001:  
protein (UQCRB), transcript variant 4, non-coding RNA; gi|363498930|ref|NM\_001199975.2| Homo sa  
caffold homolog (S. cerevisiae) (NFU1), transcript variant 4, non-coding RNA; gi|363547905|ref|NM\_00  
L, non-coding RNA;

15), transcript variant 4, non-coding RNA;

RNA; gi|363543347|ref|NM\_001254758.1| Homo sapiens ST3 beta-galactoside alpha-2,3-sialyltransferase

VA; gi|363807338|ref|NR\_045644.1| Homo sapiens SWI/SNF-related, matrix-associated actin-dependent

(Drosophila) (PIWIL3), transcript variant 1, mRNA;

variant 1, mRNA; gi|364023809|ref|NM\_199169.2| Homo sapiens prostate transmembrane protein, and

mRNA; gi|364023830|ref|NM\_001255981.1| Homo sapiens cAMP responsive element binding protein

Homo sapiens collectin sub-family member 11 (COLEC11), transcript variant 4, mRNA; gi|364502954|ref|NM\_001255981.1|

interacting protein (PSMC3IP), transcript variant 7, non-coding RNA; gi|365192546|ref|NR\_045671.1| Homo sapiens

transcript variant 1, mRNA; gi|365192582|ref|NR\_027459.2| Homo sapiens synaptotagmin XIV (SYT14), transcript variant 1, mRNA;

gi|365192580|ref|NM\_001256011.1| Homo sapiens patatin-like phospholipase domain containing 8 (PNF), transcript variant 1, mRNA;

gi|365733561|ref|NR\_045672.1| Homo sapiens chloride intracellular channel protein 1 (CLIC1), transcript variant 1, mRNA;

gi|1256024.1| Homo sapiens Rho GTPase activating protein 22 (ARHGAP22), transcript variant 1, mRNA; gi|365733614|ref|NR\_045682.1|

Homo sapiens myosin IIIB (MYO3B), transcript variant 3, non-coding RNA; gi|365733614|ref|NR\_045682.1|

Homo sapiens chromosome 19 open reading frame 12 (C19orf12), transcript variant 1, mRNA; gi|1256024.1| Homo sapiens Rho GTPase activating protein 22 (ARHGAP22), transcript variant 1, mRNA;

pt variant 4, mRNA; gi|366039931|ref|NM\_001127242.2| Homo sapiens BCL2 binding component 3 (B

en, type XXV, alpha 1 (COL25A1), transcript variant 3, mRNA;

is kallikrein-related peptidase 2 (KLK2), transcript variant 2, mRNA; gi|368710098|ref|NM\_005551.4| H  
iens activating transcription factor 2 (ATF2), transcript variant 3, mRNA; gi|368711274|ref|NM\_001256

mRNA;

: 3, mRNA;

789.1| Homo sapiens NOP2/Sun domain family, member 4 (NSUN4), transcript variant 4, non-coding RN

iant 6, mRNA; gi|371502115|ref|NM\_001126112.2| Homo sapiens tumor protein p53 (TP53), transcrip





rNA; gi|372626415|ref|NM\_001256304.1| Homo sapiens dystrobrevin, beta (DTNB), transcript variant  
72624402|ref|NM\_001145816.2| Homo sapiens hydroxyprostaglandin dehydrogenase 15-(NAD) (HPGC

phatase (THTPA), transcript variant 9, non-coding RNA; gi|373251204|ref|NR\_023314.3| Homo sapiens

mRNA; gi|373432624|ref|NR\_046070.1| Homo sapiens chromodomain helicase DNA binding protein 1

rain, (semaphorin) 5B (SEMA5B), transcript variant 5, non-coding RNA; gi|373432655|ref|NM\_0012563  
| Homo sapiens ubiquitin-conjugating enzyme E2L 3 (UBE2L3), transcript variant 2, non-coding RNA; gi|3

lomo sapiens uncharacterized LOC256021 (LOC256021), transcript variant 1, mRNA; gi|374088136|ref|

nsript variant 2, mRNA;

apiens leucine rich repeat containing 39 (LRRC39), transcript variant 1, mRNA;

(CACNA1G), transcript variant 3, mRNA; gi|373838814|ref|NM\_001256360.1| Homo sapiens calcium cl

mRNA; gi|373938434|ref|NR\_024176.2| Homo sapiens MAP kinase interacting serine/threonine kinase

RNA;

884052|ref|NM\_020407.4| Homo sapiens Rh family, B glycoprotein (gene/pseudogene) (RHBG), transcribed  
ELOVL fatty acid elongase 1 (ELOVL1), transcript variant 2, mRNA; gi|373882453|ref|NM\_022821.3| Ho

interacting protein 2 (TRAF3IP2), transcript variant 1, non-coding RNA;

variant 2, mRNA;

E2), transcript variant 4, mRNA; gi|374081439|ref|NM\_014268.3| Homo sapiens microtubule-associated  
cygenase 2 (BCO2), transcript variant 5, mRNA; gi|374081848|ref|NM\_001256398.1| Homo sapiens bel  
56412.1| Homo sapiens RAB18, member RAS oncogene family (RAB18), transcript variant 5, mRNA; gi|3  
01243728.1| Homo sapiens ATP synthase mitochondrial F1 complex assembly factor 1 (ATPAF1), nuclea

it 1, non-coding RNA; gi|374088104|ref|NR\_046139.1| Homo sapiens family with sequence similarity 9

38175|ref|NM\_001256417.1| Homo sapiens neuroblastoma breakpoint family, member 3 (NBPF3), tran

rain 5 (PDLIM5), transcript variant 1, mRNA; gi|374093211|ref|NM\_001256428.1| Homo sapiens PDZ a

252456|ref|NM\_001252406.2| Homo sapiens zinc finger and BTB domain containing 7B (ZBTB7B), trans

7.1| Homo sapiens B-cell receptor-associated protein 31 (BCAP31), transcript variant 4, mRNA;

5449.1| Homo sapiens guanylate cyclase 1, soluble, alpha 3 (GUCY1A3), transcript variant 8, mRNA; gi|3

VA; gi|374253825|ref|NM\_001256462.1| Homo sapiens cleavage and polyadenylation specific factor 3

ariant 3, mRNA;

hondrial (CMPK2), transcript variant 2, mRNA; gi|374429550|ref|NM\_207315.3| Homo sapiens cytidin

IM\_001256496.1| Homo sapiens mannosidase, alpha, class 2C, member 1 (MAN2C1), transcript variant

iens epoxide hydrolase 2, cytoplasmic (EPHX2), transcript variant 1, mRNA;  
oding RNA; gi|374532812|ref|NR\_046254.1| Homo sapiens FGD5 antisense RNA 1 (non-protein coding

ecule 2 (CADM2), transcript variant 3, mRNA; gi|374671757|ref|NM\_001256504.1| Homo sapiens cell a

nding protein 1 (SSBP1), transcript variant 6, non-coding RNA; gi|374671786|ref|NM\_001256512.1| Hc

74), transcript variant 1, mRNA; gi|374671820|ref|NM\_001256524.1| Homo sapiens zinc finger protein

717322|ref|NR\_046287.1| Homo sapiens uncharacterized LOC100289092 (LOC100289092), transcript v  
Homo sapiens misato homolog 1 (Drosophila) (MSTO1), transcript variant 4, non-coding RNA; gi|37471  
mily 25 (mitochondrial carrier; citrate transporter), member 1 (SLC25A1), nuclear gene encoding mitoch  
t variant 1, non-coding RNA;

ter), member 15 (SLC6A15), transcript variant 3, mRNA;

ranslocator protein (18kDa) (TSPO), transcript variant 3, mRNA;

o sapiens transmembrane protein 126B (TMEM126B), transcript variant 2, mRNA; gi|375065841|ref|NM  
ycomb group ring finger 5 (PCGF5), transcript variant 2, mRNA; gi|380036034|ref|NR\_046435.1| Homc

transcript variant 3, non-coding RNA; gi|375151562|ref|NR\_046315.1| Homo sapiens biogenesis of lysc

), transcript variant 1, mRNA;  
2, mRNA;

gi|375268726|ref|NM\_001256576.1| Homo sapiens ectodermal-neural cortex 1 (with BTB-like domain)

ding RNA;

01256598.1| Homo sapiens chromosome 8 open reading frame 22 (C8orf22), transcript variant 4, mRNA;  
s tripartite motif containing 46 (TRIM46), transcript variant 1, mRNA; gi|375298682|ref|NR\_046328.1|  
56609.1| Homo sapiens chromosome 1 open reading frame 85 (C1orf85), transcript variant 5, mRNA; gi  
ipt variant 4, mRNA; gi|375298708|ref|NM\_198313.2| Homo sapiens 5-hydroxytryptamine (serotonin)

RNA; gi|375298718|ref|NM\_006659.3| Homo sapiens tubulin, gamma complex associated protein 2 (T

v1\_014472.4| Homo sapiens chromosome 10 open reading frame 28 (C10orf28), transcript variant 4, mF

serine/threonine kinase 2 (BRSK2), transcript variant 2, mRNA; gi|375298750|ref|NR\_046331.1| Homo

ranscript variant 2, mRNA; gi|375493497|ref|NM\_001256651.1| Homo sapiens zinc finger protein 43 (z  
main family member 2 (TEAD2), transcript variant 5, mRNA; gi|375331917|ref|NM\_001256661.1| Hom  
gi|375331910|ref|NM\_001256657.1| Homo sapiens cholinergic receptor, nicotinic, delta (muscle) (CHR

nsript variant 1, mRNA;

ke 1 (STOML1), transcript variant 1, mRNA; gi|375493502|ref|NM\_001256673.1| Homo sapiens stomat  
5493512|ref|NM\_001256678.1| Homo sapiens KIAA0391 (KIAA0391), transcript variant 2, mRNA;

1256693.1| Homo sapiens maternal embryonic leucine zipper kinase (MELK), transcript variant 9, mRNA/  
f|NR\_046340.1| Homo sapiens chromosome 9 open reading frame 173 (C9orf173), transcript variant 6,  
ubiquitin specific peptidase 3 (USP3), transcript variant 2, mRNA;

: 4, mRNA; gi|375493569|ref|NM\_001256703.1| Homo sapiens gamma-aminobutyric acid (GABA) A rec

93582|ref|NM\_001256708.1| Homo sapiens anaphase promoting complex subunit 10 (ANAPC10), tran:  
i7.4| Homo sapiens dynein, axonemal, assembly factor 3 (DNAAF3), transcript variant 2, mRNA;

ubiquitin-conjugating enzyme E2, J2 (UBE2J2), transcript variant 1, mRNA;

sapiens zinc finger, DHHC-type containing 16 (ZDHHC16), transcript variant 1, mRNA; gi|37594450|ref|N

specific peptidase 39 (USP39), transcript variant 6, non-coding RNA; gi|376319202|ref|NM\_00125672  
L (PPWD1), transcript variant 2, non-coding RNA; gi|376319213|ref|NR\_046350.1| Homo sapiens pepti

736.1| Homo sapiens single-stranded DNA binding protein 2 (SSBP2), transcript variant 6, mRNA; gi|376  
ce 1 (GDAP1L1), transcript variant 6, non-coding RNA; gi|376319243|ref|NM\_001256740.1| Homo sapi

76319249|ref|NM\_001256742.1| Homo sapiens CCR4-NOT transcription complex, subunit 10 (CNOT10)

58.1| Homo sapiens chromosome 3 open reading frame 32 (C3orf32), transcript variant 4, non-coding RNA  
Homo sapiens peroxisomal biogenesis factor 5-like (PEX5L), transcript variant 2, mRNA; gi|377520124|

coupled (HTR2C), transcript variant 2, mRNA;  
RNA; gi|377520147|ref|NR\_046361.1| Homo sapiens family with sequence similarity 49, member B (FA

nit (CACNA1F), transcript variant 3, mRNA;

t 3, non-coding RNA; gi|28416926|ref|NM\_002560.2| Homo sapiens purinergic receptor P2X, ligand-gate

L, non-coding RNA; gi|378548187|ref|NR\_034094.2| Homo sapiens MRVI1 antisense RNA 1 (non-protei

1| Homo sapiens glutamate receptor, metabotropic 4 (GRM4), transcript variant 7, mRNA; gi|37854820

(S. cerevisiae) (PAF1), transcript variant 2, mRNA;



NM\_020039.3 | Homo sapiens acid-sensing (proton-gated) ion channel 1 (ASIC1), transcript variant 1, mRNA

transcript variant 4, mRNA; gi|378786661|ref|NM\_001256835.1| Homo sapiens queuine tRNA-ribosyltransferase

transcript variant 2, mRNA; gi|378824460|ref|NM\_021962.3| Homo sapiens active BCR-related (ABR), transcript variant

1 (XAF1), transcript variant 3, non-coding RNA; gi|378925605|ref|NM\_199139.2| Homo sapiens XIAP

Homo sapiens acid-sensing (proton-gated) ion channel 3 (ASIC3), transcript variant 4, non-coding RNA;

transcript variant 3, non-coding RNA;

transcript variant 2, non-coding RNA;

transcript variant 1, mRNA;

(POLD2), transcript variant 3, mRNA;

transcript variant 2, non-coding RNA;

1\_001256870.1| Homo sapiens polymerase (DNA-directed), delta 4 (POLD4), transcript variant 2, mRNA;

8.3| Homo sapiens KN motif and ankyrin repeat domains 1 (KANK1), transcript variant 1, mRNA;

79642576|ref|NM\_001256887.1| Homo sapiens family with sequence similarity 26, member D (FAM26

4| Homo sapiens chloride channel, voltage-sensitive 2 (CLCN2), transcript variant 1, mRNA;

|ref|NM\_001256946.1| Homo sapiens chromosome 1 open reading frame 86 (C1orf86), transcript varia

1001551.3| Homo sapiens idnK, gluconokinase homolog (E. coli) (IDNK), transcript variant 1, mRNA;

sapiens coiled-coil domain containing 51 (CCDC51), transcript variant 4, mRNA; gi|379698848|ref|NM\_0034215|ref|NM\_001257098.1| Homo sapiens chromosome 12 open reading frame 32 (C12orf32), trans

1A decay factor (C. elegans) (SMG6), transcript variant 3, mRNA; gi|115511019|ref|NM\_017575.4| Hom

gi|380254454|ref|NM\_033294.3| Homo sapiens caspase 1, apoptosis-related cysteine peptidase (CASP

|NM\_032901.3| Homo sapiens COX14 cytochrome c oxidase assembly homolog (S. cerevisiae) (COX14)

345|ref|NR\_046439.1| Homo sapiens MAFF interacting protein (pseudogene) (MAFIP), transcript varian

e (LOC374443), transcript variant 1, non-coding RNA; gi|380422398|ref|NR\_002814.2| Homo sapiens C

0503830|ref|NM\_001014451.2| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 19B (DDX19B)

, mRNA; gi|380503845|ref|NM\_001105207.2| Homo sapiens laminin, alpha 4 (LAMA4), transcript varia

220A2), transcript variant 3, mRNA;

protein 41kDa (CEP41), transcript variant 1, mRNA; gi|380692324|ref|NR\_046443.1| Homo sapiens cen

6.1| Homo sapiens uncharacterized LOC284260 (LOC284260), transcript variant 4, non-coding RNA; gi|3

trans fibroblast growth factor 1 (acidic) (FGF1), transcript variant 8, mRNA; gi|222144270|ref|NM\_001144

dase, cytosolic III (NT5C3), transcript variant 1, mRNA;

NM\_001168407.1| Homo sapiens regulating synaptic membrane exocytosis 1 (RIMS1), transcript varian

2, mRNA; gi|148596939|ref|NM\_152383.4| Homo sapiens DIS3 mitotic control homolog (S. cerevisiae

, transcript variant 2, mRNA;

nding, family B, member 1 (Fe65) (APBB1), transcript variant 6, mRNA; gi|381388761|ref|NM\_001164.3

itor of growth family, member 1 (ING1), transcript variant 2, mRNA;

46189|ref|NM\_001257335.1| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial F1 complex,

it variant 2, mRNA;

361.1| Homo sapiens adenosine monophosphate deaminase 2 (AMPD2), transcript variant 5, mRNA; gi|

RNA; gi|381140055|ref|NR\_046473.1| Homo sapiens maternally expressed 3 (non-protein coding) (ME

571|ref|NM\_198437.1| Homo sapiens aurora kinase A (AURKA), transcript variant 6, mRNA; gi|3832756

2.1| Homo sapiens uncharacterized LOC643837 (LOC643837), transcript variant 4, non-coding RNA; gi|3

variant 1, non-coding RNA;

non-coding RNA;

ref|NM\_148415.2| Homo sapiens ataxin 2-like (ATXN2L), transcript variant D, mRNA; gi|383792187|ref|01032288.2| Homo sapiens ubiquitin-conjugating enzyme E2 variant 1 (UBE2V1), transcript variant 4, m

OS family zinc finger 3 (Aiolos) (IKZF3), transcript variant 6, mRNA; gi|383872628|ref|NM\_183231.2| H

1074|ref|NM\_198705.1| Homo sapiens hydroxysteroid (11-beta) dehydrogenase 1-like (HSD11B1L), tra

198717.1| Homo sapiens prostaglandin E receptor 3 (subtype EP3) (PTGER3), transcript variant 7, mRNA

(sodium/potassium/chloride transporters), member 2 (SLC12A2), transcript variant 2, mRNA;

alpha (ACACA), transcript variant 5, mRNA; gi|38679966|ref|NM\_198836.1| Homo sapiens acetyl-CoA



mRNA;

A; gi|39812034|ref|NM\_004313.3| Homo sapiens arrestin, beta 2 (ARRB2), transcript variant 1, mRNA;

I (alpha-1,6-)-glycoprotein beta-1,6-N-acetyl-glucosaminyltransferase, isozyme B (MGAT5B), transcript v

thyroid hormone-like hormone (PTHLH), transcript variant 1, mRNA;



cript variant 5, mRNA; gi|40353754|ref|NM\_199193.1| Homo sapiens brain and reproductive organ-ex|

riant 2, mRNA;

r protein 1 (THYN1), transcript variant 5, mRNA; gi|40806220|ref|NM\_199298.1| Homo sapiens thymo  
apiens zinc finger protein 64 homolog (mouse) (ZFP64), transcript variant 3, mRNA;

plectin (PLEC), nuclear gene encoding mitochondrial protein, transcript variant 8, mRNA; gi|254692905

mRNA;

erth factor receptor (EGFR), transcript variant 4, mRNA;

gi|41327780|ref|NM\_199069.1| Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcompl

M10), transcript variant 4, mRNA;

ol kinase, alpha 80kDa (DGKA), transcript variant 1, mRNA;

ipt variant b, mRNA;

ef|NM\_001143788.1| Homo sapiens periphilin 1 (PPHLN1), transcript variant 7, mRNA; gi|41872367|re

'.1| Homo sapiens neuropilin 2 (NRP2), transcript variant 5, mRNA; gi|41872532|ref|NM\_003872.2| Hc

lomains 2 (FHL2), transcript variant 2, mRNA;



\_202467.1 | Homo sapiens GIPC PDZ domain containing family, member 1 (GIPC1), transcript variant 2,

script variant 3, mRNA; gi|42544221|ref|NM\_201540.1 | Homo sapiens NDRG family member 2 (NDRG:

it variant 1, mRNA;

uclease/angiogenin inhibitor 1 (RNH1), transcript variant 5, mRNA; gi|42822873|ref|NM\_203385.1| Ho

| Homo sapiens chromosome 17 open reading frame 81 (C17orf81), transcript variant 2, mRNA;

(TRIM7), transcript variant 3, mRNA; gi|44680120|ref|NM\_033342.2| Homo sapiens tripartite motif cc







homolog (Drosophila) (PORCN), transcript variant B, mRNA;  
human repeat protein 1 (LRR1), transcript variant 1, mRNA;

gi|150417964|ref|NM\_133168.3| Homo sapiens osteoclast associated, immunoglobulin-like receptor (

actor 1 (BACH1), transcript variant 3, non-coding RNA;

ant 3, mRNA;

AP1), transcript variant 1, mRNA;

4, mRNA; gi|46249346|ref|NM\_206938.1| Homo sapiens membrane-spanning 4-domains, subfamily A

M\_206953.1| Homo sapiens preferentially expressed antigen in melanoma (PRAME), transcript variant :



RNA; gi|239735495|ref|NM\_001161660.1| Homo sapiens v-myb myeloblastosis viral oncogene homolog

variant 3, mRNA; gi|46370081|ref|NM\_207037.1| Homo sapiens transcription factor 12 (TCF12), transcript

9548|ref|NM\_004436.2| Homo sapiens endosulfine alpha (ENSA), transcript variant 3, mRNA; gi|46385

muscleblind-like splicing regulator 1 (MBNL1), transcript variant 5, mRNA; gi|46411167|ref|NM\_207294.

RNA; gi|46592897|ref|NM\_016818.2| Homo sapiens ATP-binding cassette, sub-family G (WHITE), mem

ins ADAM metallopeptidase domain 15 (ADAM15), transcript variant 6, mRNA; gi|46909591|ref|NM\_20

ription 3 (acute-phase response factor) (STAT3), transcript variant 3, mRNA;

4;

ontaining 13 (TRIM13), transcript variant 4, mRNA;

Homo sapiens fibronectin 1 (FN1), transcript variant 6, mRNA; gi|47132546|ref|NM\_054034.2| Homo

cAMP-dependent, regulatory, type I, alpha (tissue specific extinguisher 1) (PRKAR1A), transcript variant

anthetase (WARS), transcript variant 4, mRNA;

decorin (DCN), transcript variant C, mRNA; gi|47419925|ref|NM\_001920.3| Homo sapiens decorin (DCN,

Homo sapiens reticulon 4 (RTN4), transcript variant 5, mRNA;

ript variant 1, mRNA;

ranscript variant 1, mRNA;

ardiac) (TNNT2), transcript variant 2, mRNA;

apiens CD44 molecule (Indian blood group) (CD44), transcript variant 7, mRNA; gi|48255938|ref|NM\_0

E9A), transcript variant 20, mRNA; gi|48762729|ref|NM\_001001573.1| Homo sapiens phosphodiesterase







nt 3, mRNA;

nt 1, mRNA;

VA; gi|50409706|ref|NM\_016638.2| Homo sapiens ADP-ribosylation-like factor 6 interacting protein 4  
M\_001002244.1| Homo sapiens anaphase promoting complex subunit 11 (ANAPC11), transcript variant

, E3 ubiquitin protein ligase (MARCH8), transcript variant 7, mRNA;

001.1| Homo sapiens guanosine monophosphate reductase 2 (GMPR2), transcript variant 3, mRNA;

sapiens zinc finger CCCH-type containing 14 (ZC3H14), transcript variant 2, mRNA; gi|231570185|ref|NM  
teracting protein 2 (KCNIP2), transcript variant 5, mRNA; gi|50557649|ref|NM\_173192.2| Homo sapien

ant 2, mRNA;



rotein 1 (ABLIM1), transcript variant 3, mRNA;

-like 1 (TPD52L1), transcript variant 1, mRNA;

1| Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily  
rogeneous nuclear ribonucleoprotein D (AU-rich element RNA binding protein 1, 37kDa) (HNRNPD), trar

133|ref|NM\_001685.4| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial Fo complex, subur

iant 4, mRNA;

\_024113.3| Homo sapiens chromosome 11 open reading frame 49 (C11orf49), transcript variant 3, mRf

o sapiens phosphatase and actin regulator 3 (PHACTR3), transcript variant 5, mRNA; gi|34304355|ref|N

tide 5 (B3GALT5), transcript variant 3, mRNA; gi|15451886|ref|NM\_033173.1| Homo sapiens UDP-Gal:

g transactivator, with Glu/Asp-rich carboxy-terminal domain, 2 (CITED2), transcript variant 3, mRNA;

rRNA; gi|375331931|ref|NM\_001256666.1| Homo sapiens family with sequence similarity 193, membe









.2G6), transcript variant 3, mRNA;

58676|ref|NM\_001160331.1| Homo sapiens neurofascin (NFASC), transcript variant 2, mRNA; gi|23785

, E3 ubiquitin protein ligase (MARCH2), transcript variant 2, mRNA;



t 2 (CACNA2D2), transcript variant 3, mRNA;

(Drosophila) (NUMB), transcript variant 1, mRNA;



variant 1, mRNA;

sapiens cholinergic receptor, muscarinic 2 (CHRM2), transcript variant 8, mRNA; gi|54792104|ref|NM\_1

in binding protein 5 (WBP5), transcript variant 1, mRNA;

sapiens syndecan binding protein (syntenin) (SDCBP), transcript variant 1, mRNA; gi|55749503|ref|NM\_



!| Homo sapiens Rho GTPase activating protein 25 (ARHGAP25), transcript variant 1, mRNA;

1\_001502.2| Homo sapiens glycoprotein 2 (zymogen granule membrane) (GP2), transcript variant 2, mR

ily M, member 3 (TRPM3), transcript variant 8, mRNA; gi|154091307|ref|NM\_206946.3| Homo sapien:

ual specificity phosphatase 13 (DUSP13), transcript variant 2, mRNA;

1 (SPOP), transcript variant 1, mRNA; gi|56117827|ref|NM\_001007227.1| Homo sapiens speckle-type F

io sapiens solute carrier family 41, member 3 (SLC41A3), transcript variant 1, mRNA; gi|256665246|ref|



int 1, mRNA; gi|56699402|ref|NM\_001006641.1| Homo sapiens solute carrier family 25 (mitochondria

script variant 4, mRNA; gi|56788400|ref|NM\_001006618.1| Homo sapiens mitogen-activated protein k

01008712.1 | Homo sapiens RNA binding protein with multiple splicing (RBPMS), transcript variant 3, mR



transmembrane protein 230 (TMEM230), transcript variant 2, mRNA;

F655), transcript variant 10, mRNA; gi|58331258|ref|NM\_138494.2| Homo sapiens zinc finger protein 6



non-coding RNA; gi|58430929|ref|NM\_148913.2| Homo sapiens abhydrolase domain containing 11 (ABH11), transcript variant 1, mRNA;

Homo sapiens homocysteine-inducible, endoplasmic reticulum stress-inducible, ubiquitin-like domain membrane protein 4 (MAGEA4), transcript variant 4, mRNA;

1, mRNA; gi|58533162|ref|NM\_001010931.1| Homo sapiens hepatocyte growth factor (hepatopoietin A);

variant 3, mRNA; gi|58761519|ref|NM\_001011671.1| Homo sapiens coiled-coil-helix-coiled-coil-helix domain containing 1 (K1B), transcript variant a, mRNA;

l4904.2 | Homo sapiens cAMP responsive element binding protein 5 (CREB5), transcript variant 2, mRNA



ref|NM\_001012718.1| Homo sapiens interleukin 32 (IL32), transcript variant 8, mRNA; gi|61658633|ref|

specific protein 1 (LSP1), transcript variant 1, mRNA; gi|339409179|ref|NM\_001242932.1| Homo sapiens l

in repeat containing (KRIT1), transcript variant 3, mRNA; gi|37221185|ref|NM\_004912.3| Homo sapien

ubiquitin protein ligase (FBXW7), transcript variant 2, mRNA; gi|379991107|ref|NM\_033632.3| Homo s



;

019|ref|NM\_001014433.2| Homo sapiens cutA divalent cation tolerance homolog (E. coli) (CUTA), trans

cript variant 5, mRNA; gi|301500667|ref|NM\_001193471.1| Homo sapiens folate hydrolase (prostate-

T cells (LAT), transcript variant 4, mRNA;

x binding protein (TBP)-associated factor, 32kDa (TAF9), transcript variant 4, mRNA; gi|62865611|ref|N

rotein signaling 3 (RGS3), transcript variant 3, mRNA; gi|62865655|ref|NM\_144489.2| Homo sapiens r

2463|ref|NM\_001017365.1| Homo sapiens complement component 4 binding protein, beta (C4BPB), t  
cript variant 1, mRNA;





script variant 5, mRNA; gi|63252899|ref|NM\_001018006.1| Homo sapiens tropomyosin 1 (alpha) (TPM

Homo sapiens cathepsin B (CTSB), transcript variant 2, mRNA;  
variant 3, mRNA; gi|66346657|ref|NM\_001017530.1| Homo sapiens proline rich 5 (renal) (PRR5), trans  
cript D, mRNA; gi|66346673|ref|NM\_033305.2| Homo sapiens vacuolar protein sorting 13 homolog A (S. c  
iens SERPINE1 mRNA binding protein 1 (SERBP1), transcript variant 1, mRNA;

M and PDZ domain containing 1 (MAGI1), transcript variant 1, mRNA;

member 1 (glucocorticoid receptor) (NR3C1), transcript variant 1, mRNA; gi|324021684|ref|NM\_001214

apiens S100 calcium binding protein A13 (S100A13), transcript variant 2, mRNA; gi|66737371|ref|NM\_001020818.1|

1F1), transcript variant 4, mRNA;

2 (TM2D2), transcript variant 3, mRNA;

1\_001020818.1| Homo sapiens myeloid-associated differentiation marker (MYADM), transcript variant

1 variant 2, mRNA;

ant 11, mRNA; gi|109637787|ref|NM\_033244.3| Homo sapiens promyelocytic leukemia (PML), transcr

: 2, mitochondrial (SOD2), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA;

porter, glycine), member 9 (SLC6A9), transcript variant 3, mRNA;

protein family, member 1 (WASF1), transcript variant 3, mRNA;

168.1 | Homo sapiens cAMP-regulated phosphoprotein, 21kDa (ARPP21), transcript variant 3, mRNA;

: variant 1, mRNA;

ipt variant 1, mRNA;

t 2, mRNA; gi|68509927|ref|NM\_001025090.1| Homo sapiens myelin basic protein (MBP), transcript v:

8799996|ref|NM\_001025234.1| Homo sapiens tetraspanin 4 (TSPAN4), transcript variant 2, mRNA; gi|

l\_001025390.1 | Homo sapiens adenosine monophosphate deaminase 3 (AMPD3), transcript variant 3, r

gene encoding mitochondrial protein, transcript variant 2, mRNA;

01025580.1 | Homo sapiens Alport syndrome, mental retardation, midface hypoplasia and elliptocytosis





epatocyte nuclear factor 4, alpha (HNF4A), transcript variant 4, mRNA; gi|71725340|ref|NM\_001030003.

peptidase 3 (KLK3), transcript variant 6, mRNA;

;

ng 4-domains, subfamily A, member 3 (hematopoietic cell-specific) (MS4A3), transcript variant 3, mRNA;

i23016|ref|NM\_033339.3| Homo sapiens caspase 7, apoptosis-related cysteine peptidase (CASP7), tran  
transcript variant 2, mRNA;

iens polyglutamine binding protein 1 (PQBP1), transcript variant 10, mRNA; gi|269784718|ref|NM\_144.

226), transcript variant 4, mRNA; gi|74027273|ref|NM\_001032372.1| Homo sapiens zinc finger protein

ranscript variant 3, mRNA;

s apoptotic inhibitory molecule (FAIM), transcript variant 1, mRNA;

gi|75677333|ref|NM\_015610.3| Homo sapiens WD repeat domain, phosphoinositide interacting 2 (V

variant 3, mRNA;

se 7 (ACOT7), transcript variant hBACHb, mRNA;  
variant 3, mRNA;

Homo sapiens archaelysin family metallopeptidase 2 (AMZ2), transcript variant 2, mRNA; gi|75812975|  
i813619|ref|NM\_001033557.1| Homo sapiens protein phosphatase, Mg<sup>2+</sup>/Mn<sup>2+</sup> dependent, 1B (PPM:

, calcineurin-dependent 2 (NFATC2), transcript variant D, mRNA;  
ranscript variant 2, mRNA;

· 1C (DCLRE1C), transcript variant d, mRNA;





gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|77812679|ref|NM\_176866.2| Homo

3a (EIF2B4), transcript variant 1, mRNA;

sapiens sorbin and SH3 domain containing 1 (SORBS1), transcript variant 5, mRNA; gi|78000164|ref|NM

el interacting protein 4 (KCNIP4), transcript variant 3, mRNA; gi|78190482|ref|NM\_147181.3| Homo sa

ike (MLXIPL), transcript variant 3, mRNA;  
ant 3, mRNA; gi|78711823|ref|NM\_001035513.1| Homo sapiens succinate dehydrogenase complex, su

associating 3 (HHLA3), transcript variant 2, mRNA;

RNA; gi|82659082|ref|NM\_004602.2| Homo sapiens staufen, RNA binding protein, homolog 1 (Drosoph

omo sapiens phosphodiesterase 4B, cAMP-specific (PDE4B), transcript variant c, mRNA;

1| Homo sapiens sex comb on midleg-like 1 (Drosophila) (SCML1), transcript variant 4, mRNA;

ydrogenase, type 1 (BDH1), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA;



1202522.1 | Homo sapiens discoidin domain receptor tyrosine kinase 1 (DDR1), transcript variant 5, mRNA

boside blood group) (B3GALNT1), transcript variant 3, mRNA; gi|84452144|ref|NM\_003781.3| Homo s



t 4, mRNA;

ant 1, mRNA;

script variant 2, mRNA;



), transcript variant 2, mRNA;

s CD151 molecule (Raph blood group) (CD151), transcript variant 4, mRNA;

ule-associated protein 2 (MAP2), transcript variant 1, mRNA;

Homo sapiens C-type lectin domain family 7, member A (CLEC7A), transcript variant 3, mRNA; gi|88999!

cript variant 2, mRNA; gi|23200024|ref|NM\_148967.1| Homo sapiens tumor necrosis factor receptor s

; translocated to, 2 (CBFA2T2), transcript variant 3, mRNA;

se, iodothyronine, type I (DIO1), transcript variant 4, mRNA;

t 2, mRNA; gi|89903028|ref|NM\_194329.2| Homo sapiens ring finger protein 38 (RNF38), transcript va

striatum-enriched) (PTPN5), transcript variant 2, mRNA;

o sapiens RAB3A interacting protein (rabin3) (RAB3IP), transcript variant alpha 1, mRNA; gi|90855778|refseq



'8|ref|NM\_139004.2| Homo sapiens hemochromatosis (HFE), transcript variant 4, mRNA; gi|91718882

script variant 1, mRNA;

|NM\_022844.2| Homo sapiens myosin, heavy chain 11, smooth muscle (MYH11), transcript variant SM:



6110.1 | Homo sapiens palladin, cytoskeletal associated protein (PALLD), transcript variant 4, mRNA;

1040162.1 | Homo sapiens chromosome 16 open reading frame 13 (C16orf13), transcript variant 4, mRNA;

domains proteoglycan (testican) 3 (SPOCK3), transcript variant 9, mRNA; gi|324072806|ref|NM\_001204 (LFNG), transcript variant 4, mRNA; gi|93140998|ref|NM\_001040167.1 | Homo sapiens LFNG O-fucosyltransferase 1, member Y (H2AFY), transcript variant 4, mRNA;

nRNA;

NM\_001040196.1 | Homo sapiens angiotensin II receptor-associated protein (AGTRAP), transcript variant 1 (CLDND1), transcript variant 6, mRNA; gi|93588623|ref|NM\_001040183.1 | Homo sapiens

EG10), transcript variant 1, mRNA; gi|296785059|ref|NM\_001184962.1 | Homo sapiens paternally expressed

receptor 2 (ER beta) (ESR2), transcript variant d, mRNA; gi|94538323|ref|NM\_001437.2| Homo sapiens

1040412.1| Homo sapiens chromosome 9 open reading frame 131 (C9orf131), transcript variant 4, mRNA

ns solute carrier family 26, member 6 (SLC26A6), transcript variant 3, mRNA;

PBB3), transcript variant 4, mRNA; gi|95147539|ref|NM\_133173.2| Homo sapiens amyloid beta (A4) pi

o sapiens tetratricopeptide repeat domain 23 (TTC23), transcript variant 5, mRNA; gi|98961145|ref|NM

mRNA; gi|98985784|ref|NM\_001040625.1| Homo sapiens neurocalcin delta (NCALD), transcript variar

α 1 (COL11A1), transcript variant B, mRNA;







nt 1, mRNA;

174066.1 | Homo sapiens fibroblast growth factor receptor 1 (FGFR1), transcript variant 13, mRNA; gi|100886111.1

tase, non-receptor type 20A (PTPN20A), transcript variant 9, mRNA; gi|109138560|ref|NM\_001042390.1|, non-receptor type 20B (PTPN20B), transcript variant 8, mRNA; gi|109138582|ref|NM\_001042359.2|

.0313|ref|NM\_133335.3| Homo sapiens Wolf-Hirschhorn syndrome candidate 1 (WHSC1), transcript va

or 6 (E2F6), transcript variant b, non-coding RNA;

Homo sapiens solute carrier family 12 (potassium/chloride transporters), member 6 (SLC12A6), transcri



ge-gated channel, KQT-like subfamily, member 2 (KCNQ2), transcript variant 4, mRNA; gi|26051261|ref



1be) (POT1), transcript variant 4, mRNA; gi|98991775|ref|NM\_015450.2| Homo sapiens protection of t

gi|111154087|ref|NM\_001042665.1| Homo sapiens pleckstrin homology domain containing, family G (







NA; gi|115298653|ref|NM\_001048174.1| Homo sapiens mutY homolog (E. coli) (MUTYH), transcript va









(MYLK), transcript variant 8, mRNA; gi|116008187|ref|NM\_053026.3| Homo sapiens myosin light chain



ARG), transcript variant 4, mRNA;

∨A; gi|164419738|ref|NM\_001112812.1| Homo sapiens glutamate receptor, ionotropic, AMPA 4 (GRIA

city tyrosine-(Y)-phosphorylation regulated kinase 1A (DYRK1A), transcript variant 2, mRNA;

iotransferase (AGL), transcript variant 4, mRNA; gi|116734859|ref|NM\_000642.2| Homo sapiens amylc

n family member 1 (RASSF1), transcript variant D, mRNA; gi|25777678|ref|NM\_007182.4| Homo sapie

drofolate synthetase domain containing (MTHFSD), transcript variant 1, mRNA; gi|226823329|ref|NR\_1

n C (C1/C2) (HNRNPC), transcript variant 2, mRNA;

it receptor potential cation channel, subfamily V, member 1 (TRPV1), transcript variant 1, mRNA;

apiens tachykinin 4 (hemokinin) (TAC4), transcript variant beta, mRNA;

ot variant 8, non-coding RNA; gi|117938767|ref|NM\_001077490.1| Homo sapiens GNAS complex locus

riant 4, mRNA; gi|118026920|ref|NM\_024740.2| Homo sapiens asparagine-linked glycosylation 9, alph



; antagonist of beta-catenin, homolog 1 (Xenopus laevis) (DACT1), transcript variant 3, non-coding RNA;

nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|118582261|ref|NM\_0010

int 1, mRNA;

le succinocarboxamide synthetase (PAICS), transcript variant 2, mRNA;

RNA; gi|341916262|ref|XM\_003403387.1| PREDICTED: Homo sapiens NLR family, apoptosis inhibitory  
f|NM\_014922.4| Homo sapiens NLR family, pyrin domain containing 1 (NLRP1), transcript variant 2, m

ient binding protein 1 (CPEB1), transcript variant 2, mRNA;

ranscript variant 3, mRNA;

ranscript variant 3, mRNA;

o sapiens BCS1-like (*S. cerevisiae*) (BCS1L), nuclear gene encoding mitochondrial protein, transcript varia

ript variant A, mRNA; gi|122056473|ref|NM\_001080124.1| Homo sapiens caspase 8, apoptosis-related

B3), transcript variant 6, mRNA; gi|284413713|ref|NM\_001171610.1| Homo sapiens LIM domain binding



ngiotensin II receptor, type 1 (AGTR1), transcript variant 1, mRNA;



derived factor), member 2 (SERPINF2), transcript variant 2, mRNA;

.TG16L1), transcript variant 3, mRNA; gi|298229006|ref|NM\_001190267.1| Homo sapiens ATG16 auto

beta (PPP2R1B), transcript variant 3, mRNA; gi|124269711|ref|NM\_181699.2| Homo sapiens protein p

|ref|NM\_002656.3| Homo sapiens pleiomorphic adenoma gene-like 1 (PLAGL1), transcript variant 1, m

alpha subunit (SCN5A), transcript variant 3, mRNA; gi|124518659|ref|NM\_198056.2| Homo sapiens sc

nt 1, mRNA;

transcript variant 1, mRNA;



sapiens sperm associated antigen 11B (SPAG11B), transcript variant H, mRNA; gi|325910873|ref|NM\_006669.3|

31), transcript variant 2, mRNA; gi|116488409|ref|NM\_006669.3| Homo sapiens leukocyte immunoglobulin heavy chain constant region 1 (HLC1), transcript variant 2, mRNA; gi|116488409|ref|NM\_006669.3|



.972.1 | Homo sapiens cancer susceptibility candidate 1 (CASC1), transcript variant 3, mRNA;

variant 4, mRNA; gi|380420357|ref|NM\_001257145.1| Homo sapiens DEAD/H (Asp-Glu-Ala-Asp/His) b

ans) 2 (RBFOX2), transcript variant 2, mRNA; gi|133925804|ref|NM\_001082579.1| Homo sapiens RNA I



mily, member 5 (CTAGE5), transcript variant 6, mRNA; gi|134053955|ref|NM\_203354.2| Homo sapiens

7|ref|NM\_001083605.1| Homo sapiens patched 1 (PTCH1), transcript variant 1c', mRNA; gi|134254434



















, mRNA;

NR\_046020.1 | Homo sapiens transmembrane protease, serine 3 (TMPRSS3), transcript variant G, non-c

IND1), transcript variant 17, mRNA; gi|146231974|ref|NM\_001085469.1| Homo sapiens catenin (cadherin

, mRNA;

hydrolase 1 (ENTPD1), transcript variant 6, mRNA; gi|256355133|ref|NM\_001164183.1| Homo sapiens

mRNA; gi|148276999|ref|NM\_024941.3| Homo sapiens chromosome 5 open reading frame 44 (C5orf4  
M\_001097640.1| Homo sapiens fucosyltransferase 3 (galactoside 3(4)-L-fucosyltransferase, Lewis blood  
: variant 5, mRNA; gi|148277032|ref|NM\_001097635.1| Homo sapiens glucosaminyl (N-acetyl) transfer

transcript variant 1, mRNA; gi|148470405|ref|NM\_001098206.1| Homo sapiens heterogeneous nuclear ril

calcium channel, voltage-dependent, P/Q type, alpha 1A subunit (CACNA1A), transcript variant 4, mRNA

nRNA; gi|148539843|ref|NM\_017579.2| Homo sapiens deleted in malignant brain tumors 1 (DMBT1),



otein 419 (ZNF419), transcript variant 4, mRNA; gi|148612892|ref|NM\_001098491.1| Homo sapiens zii

|148728167|ref|NM\_001098521.1| Homo sapiens HIV-1 Tat interactive protein 2, 30kDa (HTATIP2), tr:

main containing 1 (CMTM1), transcript variant 18, mRNA; gi|148743787|ref|NM\_181283.2| Homo sapi



apiens BCL2-associated athanogene 6 (BAG6), transcript variant 3, mRNA; gi|149158693|ref|NM\_0807

t variant 4, mRNA;

Homo sapiens transmembrane protein 91 (TMEM91), transcript variant 6, mRNA; gi|149588845|ref|N

c fragment of IgA, receptor for (FCAR), transcript variant 8, mRNA; gi|149999340|ref|NM\_133269.2| H

; H2A histone family, member V (H2AFV), transcript variant 3, mRNA;

mitochondrial Fo complex, subunit C3 (subunit 9) (ATP5G3), nuclear gene encoding mitochondrial protein

ptor associated sorting protein 1 (GPRASP1), transcript variant 2, mRNA;



l, transcript variant 4, mRNA;

amydomonas) (IFT74), transcript variant 4, mRNA;

L099786.1 | Homo sapiens intercellular adhesion molecule 2 (ICAM2), transcript variant 1, mRNA;

| Homo sapiens syntabulin (syntaxin-interacting) (SYBU), transcript variant 5, mRNA; gi|153090206|ref

), transcript variant 3, mRNA;

transcript variant 1, mRNA;

ript variant 5, mRNA; gi|284795244|ref|NM\_001171879.1| Homo sapiens MCF.2 cell line derived trans

A;

east) (TOMM5), nuclear gene encoding mitochondrial protein, transcript variant 3, mRNA;

1099856.2 | Homo sapiens inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma (

mo sapiens endothelin converting enzyme 2 (ECE2), transcript variant 2, mRNA;

ein 1 (BNIP1), transcript variant BNIP1-b, mRNA;

rNA;

ranscript variant 4, mRNA;

L), transcript variant 4, mRNA;







cript variant 4, mRNA; gi|155030193|ref|NM\_021159.4| Homo sapiens RAP1, GTP-GDP dissociation sti

' B (MDR/TAP), member 9 (ABCB9), transcript variant 4, mRNA; gi|339895786|ref|NM\_001243014.1| H



t variant 2, mRNA; gi|156139134|ref|NM\_001102368.1| Homo sapiens chromosome 14 open reading 1

cript variant 4, mRNA;

domonas) (IFT43), transcript variant 5, non-coding RNA; gi|364502980|ref|NR\_045664.1| Homo sapien

ens carcinoembryonic antigen-related cell adhesion molecule 20 (CEACAM20), transcript variant 5L, mR

ogenase 1 (IMPDH1), transcript variant 3, mRNA; gi|217035149|ref|NM\_001142575.1| Homo sapiens II

ipt variant 2, mRNA;

, mRNA;





5419|ref|NM\_001165899.1| Homo sapiens phosphodiesterase 4D, cAMP-specific (PDE4D), transcript v:

iens schlafen family member 11 (SLFN11), transcript variant 4, mRNA;



it 5, mRNA; gi|157694521|ref|NM\_001105545.1| Homo sapiens enoyl CoA hydratase domain containir

2NF83), transcript variant 9, mRNA; gi|335892862|ref|NM\_001242531.1| Homo sapiens zinc finger pro

\_001018000.3 | Homo sapiens kazrin, periplakin interacting protein (KAZN), transcript variant B, mRNA;

transcript variant 2, mRNA; gi|160333400|ref|NM\_001110356.1| Homo sapiens ribonuclease, RNase A far





546|ref|NM\_001243121.1| Homo sapiens phosphodiesterase 4A, cAMP-specific (PDE4A), transcript vari

i|163310742|ref|NM\_001112717.1| Homo sapiens LIM and calponin homology domains 1 (LIMCH1), ti

pendent kinase 11B (CDK11B), transcript variant 2, mRNA; gi|16332361|ref|NM\_033488.1| Homo sapi

ranscript variant 13, mRNA; gi|163644291|ref|NM\_181825.2| Homo sapiens neurofibromin 2 (merlin)

.2-associated X protein (BAX), transcript variant sigma, mRNA;

2, mRNA;

191.1 | Homo sapiens septin 9 (SEPT9), transcript variant 1, mRNA; gi|164698497|ref|NM\_001113493.1

monas) (IFT122), transcript variant 2, mRNA;

ARHGEF7), transcript variant 4, mRNA; gi|166064033|ref|NM\_001113511.1| Homo sapiens Rho guanin

ription factor 2 (MTF2), transcript variant 4, mRNA;





nf|NM\_001114620.1| Homo sapiens mannosyl (alpha-1,3-)-glycoprotein beta-1,2-N-acetylglucosaminylt





riant 4, mRNA; gi|169234656|ref|NM\_001114978.1| Homo sapiens tumor protein p63 (TP63), transcrip

3646307|ref|NM\_181306.2| Homo sapiens mitochondrial ribosomal protein L52 (MRPL52), nuclear gene

3646389|ref|NM\_181456.2| Homo sapiens mitochondrial ribosomal protein L55 (MRPL55), nuclear gene

1B), transcript variant 1, mRNA;

neral transcription factor Ili (GTF2I), transcript variant 5, mRNA;

763523|ref|NM\_017697.3| Homo sapiens epithelial splicing regulatory protein 1 (ESRP1), transcript var

hondrial protein, transcript variant 1, mRNA; gi|325651954|ref|NR\_037936.1| Homo sapiens lipoyltran

13 (SLC25A13), transcript variant 3, non-coding RNA;





cript variant 1A, mRNA;

9170|ref|NM\_001024628.2| Homo sapiens neuropilin 1 (NRP1), transcript variant 2, mRNA;

nuclear gene encoding mitochondrial protein, transcript variant 3, mRNA;



5 (mitochondrial thiamine pyrophosphate carrier), member 19 (SLC25A19), nuclear gene encoding mito

it chain, bo,+ system), member 9 (SLC7A9), transcript variant 2, mRNA;

ein (CNBP), transcript variant 5, mRNA; gi|187608720|ref|NM\_003418.4| Homo sapiens CCHC-type zinc

:ript variant 6, mRNA; gi|187829184|ref|NM\_001127227.1| Homo sapiens CD59 molecule, complemen

ot variant 2, mRNA; gi|188219572|ref|NM\_001127359.1| Homo sapiens putative homeodomain transc

[PPP2R2B), transcript variant 6, mRNA; gi|188497691|ref|NM\_181675.2| Homo sapiens protein phosph

ding mitochondrial protein, transcript variant 4, mRNA; gi|188497748|ref|NM\_033496.2| Homo sapien

: 5, mRNA; gi|188536061|ref|NM\_000072.3| Homo sapiens CD36 molecule (thrombospondin receptor)



⌘ O-acetyltransferase (CHAT), transcript variant M, mRNA; gi|218931223|ref|NM\_001142933.1| Homo

ABA) A receptor, alpha 1 (GABRA1), transcript variant 5, mRNA; gi|189083731|ref|NM\_001127647.1|

iens gelsolin (GSN), transcript variant 1, mRNA; gi|189083773|ref|NM\_001127663.1| Homo sapiens gel  
|NM\_001127586.1| Homo sapiens inhibitor of growth family, member 4 (ING4), transcript variant 6, mF  
eceptor (CD16a) (FCGR3A), transcript variant 4, mRNA; gi|189083837|ref|NM\_001127593.1| Homo sa

m voltage-gated channel, Isk-related family, member 1 (KCNE1), transcript variant 1, mRNA;

mRNA; gi|189163535|ref|NM\_001127704.1| Homo sapiens serpin peptidase inhibitor, clade A (alpha-



3, mRNA; gi|189491749|ref|NM\_002578.3| Homo sapiens p21 protein (Cdc42/Rac)-activated kinase 3

variant 1, mRNA; gi|190684685|ref|NM\_032979.4| Homo sapiens dystrobrevin, alpha (DTNA), transcrip



rs phospholipid scramblase 4 (PLSCR4), transcript variant 3, mRNA;

lemin) (EPB49), transcript variant 5, mRNA; gi|166706878|ref|NM\_001114136.1| Homo sapiens erytl

I metalloproteinase with thrombospondin type 1 motif, 13 (ADAMTS13), transcript variant 4, non-coding

mily a, member 4 (SMARCA4), transcript variant 3, mRNA; gi|192807311|ref|NM\_001128844.1| Homo  
rabadopsis) (SRRT), transcript variant 3, mRNA;

rC) binding protein 2 (PCBP2), transcript variant 7, mRNA; gi|193083105|ref|NM\_005016.5| Homo sap

(yeast) (TOMM40), nuclear gene encoding mitochondrial protein, transcript variant 3, mRNA;  
ranscript variant 4, mRNA; gi|193083123|ref|NM\_002376.5| Homo sapiens MAP/microtubule affinity-r



f167), transcript variant 1, non-coding RNA;

JA; gi|193211597|ref|NM\_001129729.1| Homo sapiens pleckstrin homology domain containing, family

alcium channel, voltage-dependent, L type, alpha 1C subunit (CACNA1C), transcript variant 20, mRNA; gi





1.2 | Homo sapiens pleckstrin homology domain containing, family B (eectins) member 1 (PLEKHB1), tra

omo sapiens activating transcription factor 7 (ATF7), transcript variant 3, mRNA;

logy 2 domain containing) transforming protein 1 (SHC1), transcript variant 1, mRNA; gi|322302754|ref

ript variant 4, mRNA; gi|194272197|ref|NM\_001130084.1| Homo sapiens actin binding LIM protein fan

perfamily containing leucine-rich repeat 2 (ISLR2), transcript variant 1, mRNA;

c, member 2 (SMARCC2), transcript variant 3, mRNA;

scription factor, beta subunit 1 (GABPB1), transcript variant gamma-3, mRNA; gi|194473703|ref|NM\_0

N13), transcript variant 3, mRNA; gi|194688152|ref|NM\_006264.2| Homo sapiens protein tyrosine ph



tein, transcript variant 1, mRNA; gi|195232768|ref|NR\_024048.1| Homo sapiens tafazzin (TAZ), transcr

homolog, U6 small nuclear RNA associated (S. cerevisiae) (LSM5), transcript variant 3, mRNA;

NA;  
ant 3, mRNA;

transcript variant 1, mRNA; gi|51317347|ref|NM\_007081.2| Homo sapiens RAB, member of RAS oncog

sapiens myocyte enhancer factor 2A (MEF2A), transcript variant 2, mRNA;

erlin, limb girdle muscular dystrophy 2B (autosomal recessive) (DYSF), transcript variant 9, mRNA; gi|195

5 receptor, alpha (IL5RA), transcript variant 6, mRNA; gi|195976789|ref|NM\_175727.2| Homo sapiens i

!544178|ref|NM\_012127.2| Homo sapiens CDKN1A interacting zinc finger protein 1 (CIZ1), transcript va

lomo sapiens peroxisomal biogenesis factor 5 (PEX5), transcript variant 5, mRNA;

3, type I, 107kDa (INPP4A), transcript variant d, mRNA;

5. pombe) (RAD17), transcript variant 8, mRNA; gi|19718795|ref|NM\_133344.1| Homo sapiens RAD17

826.2 | Homo sapiens 8-oxoguanine DNA glycosylase (OGG1), nuclear gene encoding mitochondrial pro

nt 5, mRNA; gi|197304728|ref|NM\_001134402.1| Homo sapiens cytochrome b-561 domain containing

dian-Diamond syndrome pseudogene 1 (SBDSP1), transcript variant 1, non-coding RNA;

e encoding mitochondrial protein, transcript variant 5, mRNA; gi|197313688|ref|NM\_001001925.2| Hc

family B, member 2 (PHLDB2), transcript variant 4, mRNA;





se-like hydrolase domain containing 1 (HDHD1), transcript variant 4, mRNA;  
initiation factor 4E family member 3 (EIF4E3), transcript variant 4, mRNA;





nt 4, mRNA;

; ghrelin opposite strand/antisense RNA (non-protein coding) (GHRLOS), transcript variant 2, non-coding

024132.1| Homo sapiens ghrelin/obestatin prepropeptide (GHRL), transcript variant 6, non-coding RNA;

; gi|61636028|ref|NM\_002570.3| Homo sapiens proprotein convertase subtilisin/kexin type 6 (PCSK6),

.SY), nuclear gene encoding mitochondrial protein, transcript variant 5, mRNA; gi|110227604|ref|NM\_0  
|205277411|ref|NM\_001135044.1| Homo sapiens mitogen-activated protein kinase 9 (MAPK9), transc

ript variant 1, mRNA;

orter), member 8 (SLC39A8), transcript variant 4, mRNA;  
ic transporter), member 14 (SLC39A14), transcript variant 1, mRNA;

piens neural precursor cell expressed, developmentally down-regulated 1 (NEDD1), transcript variant 1,

nsript variant b, mRNA; gi|65506645|ref|NM\_006180.3| Homo sapiens neurotrophic tyrosine kinase, I

ting ArfGAP 2 (GIT2), transcript variant 6, mRNA; gi|206725416|ref|NM\_057170.3| Homo sapiens G pr

otein 323 (ZNF323), transcript variant 6, mRNA; gi|342837681|ref|NM\_001243241.1| Homo sapiens zi

dehydrogenase A (LDHA), transcript variant 4, mRNA; gi|260099726|ref|NM\_001165416.1| Homo sap



RNA;

ens high mobility group AT-hook 1 (HMGA1), transcript variant 3, mRNA; gi|208431747|ref|NM\_14590

hosphate 5-kinase, type I, alpha (PIP5K1A), transcript variant 1, mRNA;

iant 1, mRNA;

9435|ref|NM\_001127462.2| Homo sapiens NLR family, pyrin domain containing 3 (NLRP3), transcript v

/HAZ), transcript variant 6, mRNA; gi|208973235|ref|NM\_003406.3| Homo sapiens tyrosine 3-monoox

(chicken) (TOM1), transcript variant 5, non-coding RNA; gi|209180452|ref|NR\_024195.1| Homo sapiens

4588|ref|NM\_001135704.1| Homo sapiens acyl-CoA binding domain containing 4 (ACBD4), transcript v

ing finger protein 185 (RNF185), transcript variant 4, non-coding RNA; gi|209529682|ref|NM\_0011358:

TART) domain containing 13 (STARD13), transcript variant 1, mRNA; gi|343478280|ref|NM\_001243476

sapiens farnesyl diphosphate synthase (FDPS), transcript variant 3, mRNA;

(FXVD3), transcript variant 5, mRNA; gi|209862806|ref|NM\_005971.3| Homo sapiens FXVD domain cor

l\_001135944.1| Homo sapiens MAP-kinase activating death domain (MADD), transcript variant 10, mR

omo sapiens transient receptor potential cation channel, subfamily C, member 4 (TRPC4), transcript var

ansferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase (GART), tr

, transcript variant g, non-coding RNA; gi|209870072|ref|NM\_001136110.1| Homo sapiens caspase 5, .  
001077366.1| Homo sapiens protein-O-mannosyltransferase 1 (POMT1), transcript variant 3, mRNA;

8 (RPL28), transcript variant 4, mRNA;

osphate (UMP-CMP) kinase 1, cytosolic (CMPK1), transcript variant 1, mRNA;

E26 oncogene homolog (avian) (ERG), transcript variant 5, mRNA; gi|209954798|ref|NM\_182918.3| H

piens multiple endocrine neoplasia I (MEN1), transcript variant e1C, mRNA; gi|210031708|ref|NM\_000.







AZ associated protein 2 (DAZAP2), transcript variant 4, mRNA; gi|211904148|ref|NM\_001136269.1| Hc  
NE2), transcript variant 2, mRNA;

RFIP1), transcript variant 4, mRNA; gi|212276087|ref|NM\_001137551.1| Homo sapiens leucine rich rep

mononucleotide/oligosaccharide-binding fold containing 2A (OBFC2A), transcript variant 2, mRNA;

gi|212549552|ref|NM\_017620.2| Homo sapiens interleukin enhancer binding factor 3, 90kDa (ILF3), tr:

case II beta (CAMK2B), transcript variant 4, mRNA; gi|212549587|ref|NM\_172083.2| Homo sapiens calci

case II delta (CAMK2D), transcript variant 1, mRNA; gi|212549750|ref|NM\_172128.2| Homo sapiens ca



blast growth factor 13 (FGF13), transcript variant 5, mRNA; gi|213417605|ref|NM\_001139498.1| Hom

ing) (FMR1-AS1), transcript variant 2, non-coding RNA; gi|213688404|ref|NR\_024503.1| Homo sapiens



HRS9), transcript variant 4, mRNA;

non-coding RNA; gi|343478152|ref|NM\_001243299.1| Homo sapiens amyloid beta (A4) precursor-like pr

4 (RPS24), transcript variant b, mRNA; gi|214829145|ref|NM\_033022.3| Homo sapiens ribosomal prot

ref|NR\_024519.1| Homo sapiens lectin, mannose-binding 2-like (LMAN2L), transcript variant 4, non-codir

14010192|ref|NM\_001003674.2| Homo sapiens chromosome 18 open reading frame 1 (C18orf1), tran

ie (GNAL), transcript variant 2, mRNA;

ie IV, beta subunit (SCN4B), transcript variant 3, mRNA;

visiae) (NIF3L1), transcript variant 4, mRNA;

ot variant 2, non-coding RNA; gi|215272363|ref|NR\_000029.3| Homo sapiens ribosomal protein L23a p  
ily 18 (vesicular monoamine), member 1 (SLC18A1), transcript variant 2, mRNA;

BF0X1), transcript variant 2, mRNA; gi|215272409|ref|NM\_001142333.1| Homo sapiens RNA binding

variant 1, mRNA; gi|215276961|ref|NR\_024533.1| Homo sapiens asparagine-linked glycosylation 3, al

5, mRNA; gi|291045211|ref|NM\_001173490.1| Homo sapiens proline rich Gla (G-carboxyglutamic acid

piens CD164 molecule, sialomucin (CD164), transcript variant 2, mRNA;

iens mortality factor 4 like 2 (MORF4L2), transcript variant 10, mRNA; gi|215490044|ref|NM\_00114243

42408.1| Homo sapiens cysteine-rich secretory protein 2 (CRISP2), transcript variant 3, mRNA;

49.1 | Homo sapiens spinster homolog 1 (Drosophila) (SPNS1), transcript variant 5, mRNA;

transcript variant 10, mRNA; gi|70780354|ref|NM\_020477.2| Homo sapiens ankyrin 1, erythrocytic (ANKR1), transcript variant 3, mRNA; gi|215599966|ref|NM\_021145.3| Homo sapiens cyclin D bin

omolog (rat) (NREP), transcript variant 11, mRNA; gi|215599617|ref|NM\_004772.2| Homo sapiens neu

t 1, mRNA;

(FAM111A), transcript variant 5, mRNA; gi|215983091|ref|NM\_022074.3| Homo sapiens family with se

ass B, 9 (BHLHB9), transcript variant 7, mRNA; gi|216547654|ref|NM\_001142526.1| Homo sapiens bas  
SH2 domain containing 3C (SH2D3C), transcript variant 3, mRNA; gi|216547800|ref|NM\_001142534.1|

gi|216547808|ref|NM\_001142535.1| Homo sapiens lectin, galactoside-binding, soluble, 12 (LGALS12),

RNA;

ipt variant 2, mRNA; gi|21704266|ref|NM\_145114.1| Homo sapiens MYC associated factor X (MAX), tr:

-IMMR), transcript variant 3, mRNA;

ref|NM\_001142587.1| Homo sapiens nuclear transcription factor Y, gamma (NFYC), transcript variant 3

A;

A; gi|63252892|ref|NM\_001017974.1| Homo sapiens prolyl 4-hydroxylase, alpha polypeptide II (P4HA2

olog (mouse) (STRA6), transcript variant 4, mRNA; gi|312261222|ref|NM\_001199040.1| Homo sapiens

IA; gi|217330617|ref|NM\_001142628.1| Homo sapiens Sec61 alpha 2 subunit (S. cerevisiae) (SEC61A2)

ranscript variant B, mRNA;



cript variant 2, mRNA;

ef|NM\_001142571.1| Homo sapiens RAD51 homolog D (S. cerevisiae) (RAD51D), transcript variant 6, m

no sapiens chitinase domain containing 1 (CHID1), transcript variant 3, mRNA;

V\_001364.3| Homo sapiens discs, large homolog 2 (Drosophila) (DLG2), transcript variant 2, mRNA;

riant 3, non-coding RNA;

ens protocadherin-related 15 (PCDH15), transcript variant I, mRNA; gi|218505797|ref|NM\_001142773.

.1| Homo sapiens diablo, IAP-binding mitochondrial protein (DIABLO), transcript variant 4, non-coding R



, transcript variant 5, mRNA;

), transcript variant 1, mRNA;

M\_001143758.1| Homo sapiens leucine rich repeat containing 27 (LRRC27), transcript variant 3, mRNA;

finger protein 438 (ZNF438), transcript variant 6, mRNA; gi|219555735|ref|NM\_001143771.1| Homo s

NA;

(PPP1R12A), transcript variant 4, mRNA; gi|219842211|ref|NM\_001143885.1| Homo sapiens protein p

.3| Homo sapiens brain-derived neurotrophic factor (BDNF), transcript variant 6, mRNA; gi|219842308|

2315|ref|NM\_015917.2| Homo sapiens glutathione S-transferase kappa 1 (GSTK1), nuclear gene encod

\\), transcript variant 3, mRNA; gi|219881535|ref|NM\_001143912.1| Homo sapiens family with sequenc

t 3, mRNA;



mo sapiens transmembrane protein 25 (TMEM25), transcript variant 2, mRNA; gi|221139839|ref|NM\_()



ociated protein, 91kDa homolog (mouse) (SNAP91), transcript variant 6, mRNA; gi|375493605|ref|NM\_

on-coding RNA;

sapiens SEC14-like 1 (S. cerevisiae) (SEC14L1), transcript variant 5, mRNA; gi|325197233|ref|NM\_001204

pt variant 1, mRNA;

!21316728|ref|NM\_001143943.1| Homo sapiens EF-hand calcium binding domain 2 (EFCAB2), transcrip

1144775.1| Homo sapiens ELAV (embryonic lethal, abnormal vision, Drosophila)-like 4 (Hu antigen D) (El

IA;

2136625|ref|NM\_017595.5| Homo sapiens NFKB inhibitor interacting Ras-like 2 (NKIRAS2), transcript v

|222136689|ref|NM\_001144886.1| Homo sapiens Cbp/p300-interacting transactivator, with Glu/Asp-r

|NM\_022970.3| Homo sapiens fibroblast growth factor receptor 2 (FGFR2), transcript variant 2, mRNA;

(chicken) (VMO1), transcript variant 3, mRNA;

4316|ref|NM\_001144942.1| Homo sapiens RAB34, member RAS oncogene family (RAB34), transcript v

|222352172|ref|NM\_005007.3| Homo sapiens nuclear factor of kappa light polypeptide gene enhance

ript variant 5, non-coding RNA; gi|222418773|ref|NR\_026699.1| Homo sapiens glycerate kinase (GLYC



transcript variant 4, mRNA;

anscript variant 4, mRNA;

ript variant 7, mRNA; gi|223029378|ref|NM\_021155.3| Homo sapiens CD209 molecule (CD209), transc

/ariant 5, non-coding RNA; gi|223278336|ref|NM\_001144905.1| Homo sapiens C-type lectin domain fa

VLN), transcript variant 3, non-coding RNA;



ant 2, mRNA; gi|311213910|ref|NM\_152246.2| Homo sapiens carnitine palmitoyltransferase 1B (muscl

IR2F2), transcript variant 2, mRNA;

on-coding RNA; gi|223556003|ref|NR\_026840.1| Homo sapiens Down syndrome critical region gene 8 (

NA; gi|223671884|ref|NM\_001145257.1| Homo sapiens interleukin-1 receptor-associated kinase 4 (IR

ant 3, mRNA; gi|372466596|ref|NM\_001256299.1| Homo sapiens corticotropin releasing hormone rec

Homo sapiens opioid receptor, mu 1 (OPRM1), transcript variant MOR-1H, mRNA; gi|56549104|ref|NM

phosphate carrier), member 3 (SLC25A3), nuclear gene encoding mitochondrial protein, transcript varia

io sapiens DSN1, MIND kinetochore complex component, homolog (S. cerevisiae) (DSN1), transcript vari

| Homo sapiens nuclear receptor coactivator 4 (NCOA4), transcript variant 1, mRNA;

o sapiens ubiquitin-conjugating enzyme E2C (UBE2C), transcript variant 1, mRNA; gi|32967290|ref|NM\_

tor type 3 (PTPN3), transcript variant 4, mRNA; gi|223941887|ref|NM\_001145371.1| Homo sapiens pri

(*S. cerevisiae*) (TSEN2), transcript variant 2, mRNA; gi|223972633|ref|NM\_001145393.1| Homo sapiens

cript variant 3, mRNA;

224177485|ref|NR\_026985.1| Homo sapiens uncharacterized LOC339524 (LOC339524), transcript varia

ualene-lanosterol cyclase) (LSS), transcript variant 3, mRNA;

00 (ZNF200), transcript variant 3, mRNA; gi|224282160|ref|NM\_001145446.1| Homo sapiens zinc finger

3), transcript variant 3, mRNA; gi|224451033|ref|NM\_001145461.1| Homo sapiens Yip1 interacting factor

t 4, mRNA; gi|224451105|ref|NM\_001001655.2| Homo sapiens alkB, alkylation repair homolog 2 (E. coli)





anscript variant 3, mRNA; gi|224493918|ref|NM\_001145544.1| Homo sapiens zinc finger and SCAN do

LG1), transcript variant 1, mRNA;

54|ref|NM\_001145675.1| Homo sapiens sorbin and SH3 domain containing 2 (SORBS2), transcript vari



Homo sapiens G protein-coupled receptor 56 (GPR56), transcript variant 1, mRNA; gi|224809319|ref|NM\_004838.3|

|NM\_004838.3| Homo sapiens homer homolog 3 (Drosophila) (HOMER3), transcript variant 2, mRNA;

induced 14 (RAI14), transcript variant 2, mRNA; gi|224809471|ref|NM\_001145521.1| Homo sapiens reti

1247|ref|NM\_130834.2| Homo sapiens optic atrophy 1 (autosomal dominant) (OPA1), nuclear gene en

beta 4 subunit (CACNB4), transcript variant 3, mRNA;

protein 1 (SH2B1), transcript variant 4, mRNA;

1994187|ref|NM\_006017.2| Homo sapiens prominin 1 (PROM1), transcript variant 1, mRNA; gi|224994

γloid beta (A4) precursor protein-binding, family B, member 2 (APBB2), transcript variant 5, mRNA; gi|26

variant 1, mRNA;

encoding mitochondrial protein, transcript variant 1, mRNA;

ier organic anion transporter family, member 1C1 (SLCO1C1), transcript variant 3, mRNA;

3.1 | Homo sapiens solute carrier family 12 (potassium/chloride transporters), member 4 (SLC12A4), trar

31.1 | Homo sapiens retinol dehydrogenase 13 (all-trans/9-cis) (RDH13), transcript variant 3, non-coding

RNA; gi|225637551|ref|NM\_001145976.1 | Homo sapiens solute carrier family 13 (sodium-dependent c

: variant 7, non-coding RNA; gi|225690494|ref|NM\_001146019.1 | Homo sapiens tight junction associat



ponent of amyloid precursor) (SNCA), transcript variant 1, mRNA;  
)-acyltransferase domain containing 7 (MBOAT7), transcript variant 4, mRNA;

nesoderm induction early response 1 homolog (*Xenopus laevis*) (MIER1), transcript variant 9, mRNA; gi|  
og A (*Drosophila*) (DIP2A), transcript variant 4, mRNA; gi|225735628|ref|NM\_001146116.1| Homo sapi

3 (PEG3), transcript variant 5, mRNA;

254826701|ref|NR\_027431.2| Homo sapiens uncharacterized LOC219347 (LOC219347), transcript varia

NM\_001146170.1| Homo sapiens TatD DNase domain containing 3 (TATDN3), transcript variant 4, mRN

70604.2| Homo sapiens RAS guanyl releasing protein 4 (RASGRP4), transcript variant a, mRNA; gi|22624

omo sapiens sex hormone-binding globulin (SHBG), transcript variant 4, mRNA; gi|226371615|ref|NR\_C  
ell specific, HMG-box) (TCF7L2), transcript variant 9, mRNA; gi|309384256|ref|NM\_001198528.1| Hor

ARP9), transcript variant 4, mRNA; gi|226371711|ref|NM\_001146103.1| Homo sapiens poly (ADP-ribo:

itol-5-phosphate 4-kinase, type II, gamma (PIP4K2C), transcript variant 1, mRNA;

oding RNA; gi|226437566|ref|NM\_001018060.2| Homo sapiens apoptosis-inducing factor, mitochondri

apiens sulfatase modifying factor 2 (SUMF2), transcript variant 3, mRNA;

1), transcript variant 1, mRNA; gi|226442715|ref|NR\_027475.1| Homo sapiens alanine-glyoxylate amin

omo sapiens GRAM domain containing 3 (GRAMD3), transcript variant 3, mRNA;

protein (SCOC), transcript variant 2, mRNA; gi|226528327|ref|NM\_001153585.1| Homo sapiens short

t variant 4, mRNA;

CGRP receptor component (CRCP), transcript variant 3, mRNA;

in binding, cytoplasmic RNA interacting protein (SYNCRIP), transcript variant 1, mRNA; gi|228008292|ri

Homo sapiens four and a half LIM domains 1 (FHL1), transcript variant 6, mRNA; gi|268607693|ref|NM.

ipt variant 3, mRNA; gi|229577027|ref|NM\_001040462.2| Homo sapiens butyrophilin-like 8 (BTNL8), t

024126.1 | Homo sapiens ATP1A1 opposite strand (ATP1A1OS), transcript variant 3, non-coding RNA;  
factor receptor) (FLT1), transcript variant 2, mRNA; gi|229892301|ref|NM\_001160031.1 | Homo sapie



g, mucin-like, hormone receptor-like 2 (EMR2), transcript variant 1, mRNA; gi|23397686|ref|NM\_1529

assium voltage-gated channel, KQT-like subfamily, member 5 (KCNQ5), transcript variant 4, mRNA; gi|236460384|ref|NM\_004495.3| Homo sapiens neuregulin 1 (NRG1), transcript variant HRG-beta1, mRNA; gi|236460384|ref|NM\_004495.3|

ltransferase) (NAT1), transcript variant 1, mRNA; gi|237649121|ref|NM\_001160171.1| Homo sapiens  
apiens cannabinoid receptor 1 (brain) (CNR1), transcript variant 3, mRNA; gi|237681090|ref|NM\_001160230.1| Homo sapiens adenosine deaminase, RNA-specific, B1 (ADA1), transcript variant 1, mRNA; gi|237757283|ref|NM\_007294.3| Homo sapiens breast cancer 1, early onset (BRCA1), transcript variant 5, mRNA; gi|237757283|ref|NM\_007294.3|

CL), transcript variant 5, non-coding RNA; gi|237757359|ref|NM\_001030313.2| Homo sapiens ceramid

sapiens cyclin-dependent kinase 10 (CDK10), transcript variant b, mRNA; gi|237858581|ref|NM\_00116

rotein 170 (RNF170), transcript variant 5, non-coding RNA; gi|237858655|ref|NM\_001160224.1| Hom

, mRNA; gi|237858672|ref|NR\_027650.1| Homo sapiens chromosome 15 open reading frame 40 (C15c

sapiens RPA interacting protein (RPAIN), transcript variant 1, mRNA; gi|237858767|ref|NM\_001160267.

018046|ref|NM\_004009.3| Homo sapiens dystrophin (DMD), transcript variant Dp427p1, mRNA; gi|238  
l), transcript variant 2, non-coding RNA;

is tRNA phosphotransferase 1 (TRPT1), transcript variant 6, mRNA; gi|238550164|ref|NM\_001160392.1

ariant 2, mRNA; gi|238624129|ref|NM\_001161352.1| Homo sapiens potassium large conductance calci

nsript variant 4, mRNA; gi|238776784|ref|NM\_017980.4| Homo sapiens LIM and senescent cell antigen

3908510|ref|NM\_172245.2| Homo sapiens colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte colony-stimulating factor receptor)

sapiens v-maf musculoaponeurotic fibrosarcoma oncogene homolog F (avian) (MAFF), transcript variant 1  
M\_018223.2| Homo sapiens checkpoint with forkhead and ring finger domains, E3 ubiquitin protein ligase

rotein, transcript variant 2, mRNA;

3, mRNA;

1566.1 | Homo sapiens TRAF2 and NCK interacting kinase (TNIK), transcript variant 8, mRNA; gi | 2397351

iens SH2 domain containing 2A (SH2D2A), transcript variant 4, mRNA;

ng RNA;

atelets, synovial fluid) (PLA2G2A), transcript variant 3, mRNA;

ng mitochondrial protein, transcript variant 2, mRNA; gi|239985419|ref|NM\_001161778.1| Homo sapi

, alpha 3 (COL6A3), transcript variant 1, mRNA;

l, 3 (APOL3), transcript variant alpha/b, non-coding RNA; gi|240849177|ref|NR\_027833.1| Homo sapi

init B', gamma (PPP2R5C), transcript variant 3, mRNA; gi|240849352|ref|NM\_001161725.1| Homo sapi

variant 2, mRNA; gi|242247064|ref|NR\_027941.1| Homo sapiens COX11 cytochrome c oxidase assemb

, transcript variant beta, non-coding RNA; gi|242247144|ref|NR\_027949.1| Homo sapiens ELKS/RAB6-i



t 2, mRNA; gi|24234731|ref|NM\_024966.2| Homo sapiens sema domain, transmembrane domain (TM,

t variant i, mRNA; gi|244790023|ref|NM\_032943.3| Homo sapiens synaptotagmin-like 2 (SYTL2), trans

wardly-rectifying channel, subfamily J, member 1 (KCNJ1), transcript variant rom-k3, mRNA; gi|1485398

osaminidase 1 (HYAL1), transcript variant 3, mRNA; gi|24497565|ref|NM\_153282.1| Homo sapiens hyal

ulated (CABYR), transcript variant 2, mRNA; gi|24797109|ref|NM\_138643.1| Homo sapiens calcium bin

pt variant 1, mRNA; gi|77873933|ref|NM\_001034836.1| Homo sapiens RAD52 motif 1 (RDM1), transcr



194|ref|NR\_028075.1| Homo sapiens scavenger receptor class F, member 1 (SCARF1), transcript variant

er A (FAM172A), transcript variant 3, mRNA;

254553333|ref|NM\_001163484.1| Homo sapiens DDB1 and CUL4 associated factor 11 (DCAF11), transcr

.163509.1| Homo sapiens DDB1 and CUL4 associated factor 4 (DCAF4), transcript variant 5, mRNA;

54553490|ref|NR\_028106.1| Homo sapiens DDB1 and CUL4 associated factor 8 (DCAF8), transcript vari

ol 1,4,5-trisphosphate receptor interacting protein-like 1 (ITPRIPL1), transcript variant 1, mRNA;

ant 7, mRNA; gi|254587991|ref|NM\_001163546.1| Homo sapiens synergin, gamma (SYNRG), transcript

ie (E2 component of 2-oxo-glutarate complex) (DLST), transcript variant 4, non-coding RNA; gi|2995232:

int 5, mRNA;

oding RNA; gi|25952098|ref|NM\_171828.1| Homo sapiens potassium large conductance calcium-activa

98.2| Homo sapiens exocyst complex component 7 (EXOC7), transcript variant 5, mRNA; gi|254750684

00.1 | Homo sapiens MDS1 and EVI1 complex locus (MECOM), transcript variant 6, mRNA; gi|255683381

o-family B (MDR/TAP), member 5 (ABCB5), transcript variant 4, mRNA;  
ov10l1, Moloney leukemia virus 10-like 1, homolog (mouse) (MOV10L1), transcript variant 3, mRNA;

l094.1 | Homo sapiens COP9 constitutive photomorphogenic homolog subunit 7A (Arabidopsis) (COPS7A

script variant 2, mRNA; gi|255918189|ref|NM\_018312.4| Homo sapiens protein phosphatase 6, regulat

.| Homo sapiens solute carrier family 37 (glucose-6-phosphate transporter), member 4 (SLC37A4), trans



E3 ubiquitin protein ligase (CCNB1IP1), transcript variant 2, mRNA;

og 2 (Drosophila) (STAU2), transcript variant 5, mRNA; gi|256418996|ref|NM\_001164381.1| Homo sapi

5 (RAPGEF6), transcript variant 3, mRNA; gi|256600201|ref|NM\_001164389.1| Homo sapiens Rap guan

ic reticulum lectin (OS9), transcript variant 4, mRNA;

57153373|ref|NR\_028399.1| Homo sapiens TSNAX-DISC1 readthrough (TSNAX-DISC1), transcript varian

iens disrupted in schizophrenia 1 (DISC1), transcript variant a, mRNA; gi|257153479|ref|NM\_00116454

, transcript variant 4, non-coding RNA;

A1 (SFTPA1), transcript variant 5, mRNA; gi|257467607|ref|NM\_001164644.1| Homo sapiens surfactar

n 135 (ZNF135), transcript variant 4, mRNA;

ens aminomethyltransferase (AMT), transcript variant 5, non-coding RNA; gi|257796257|ref|NM\_0011

164732.1| Homo sapiens receptor accessory protein 1 (REEP1), nuclear gene encoding mitochondrial pr  
mRNA; gi|257900540|ref|NM\_001164345.1| Homo sapiens zinc finger and BTB domain containing 20

491|ref|NM\_030660.4| Homo sapiens ataxin 3 (ATXN3), transcript variant h, mRNA; gi|258613851|ref

o sapiens Ras association (RalGDS/AF-6) domain family (N-terminal) member 8 (RASSF8), transcript vari  
tate beta-hydroxylase (ASPH), transcript variant 3, mRNA; gi|258613950|ref|NM\_001164753.1| Homo  
cAMP-dependent, regulatory, type I, beta (PRKAR1B), transcript variant 6, mRNA; gi|258613967|ref|NM

3450.1| Homo sapiens branched chain amino-acid transaminase 2, mitochondrial (BCAT2), transcript var  
oding RNA;

otonin) receptor 3A, ionotropic (HTR3A), transcript variant 2, mRNA;

ipt variant 2, mRNA;

nuclear gene encoding mitochondrial protein, transcript variant 3, mRNA;

81890.1| Homo sapiens ubiquitin-conjugating enzyme E2D 3 (UBE2D3), transcript variant 6, mRNA; gi|3  
:hondrial carrier; oxoglutarate carrier), member 11 (SLC25A11), nuclear gene encoding mitochondrial pr  
st variant 2, non-coding RNA;

r protein 268 (ZNF268), transcript variant 4, mRNA; gi|259490342|ref|NM\_001165887.1| Homo sapier

ariant 5, mRNA; gi|259906019|ref|NM\_001164815.1| Homo sapiens apoptotic chromatin condensator

pha subunit (SCN1A), transcript variant 3, mRNA;

5|ref|NM\_001165970.1| Homo sapiens STE20-related kinase adaptor alpha (STRADA), transcript variant

is erythrocyte membrane protein band 4.1 (elliptocytosis 1, RH-linked) (EPB41), transcript variant 1, mR

enting rodent repair deficiency, complementation group 1 (includes overlapping antisense sequence) (EF

LA6), transcript variant 3, mRNA; gi|260656042|ref|NM\_001166114.1| Homo sapiens patatin-like pho

003.1| Homo sapiens apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3H (APOBEC3H)



), transcript variant 3, mRNA; gi|261244899|ref|NM\_001166160.1| Homo sapiens protein phosphatase

transcript variant 3, mRNA; gi|261244919|ref|NM\_014397.5| Homo sapiens NIMA (never in mitosis ge

cript variant 3, mRNA;

'8369|ref|NM\_001166253.1| Homo sapiens thromboxane A synthase 1 (platelet) (TBXAS1), transcript v

beta binding protein 1 (LTBP1), transcript variant 5, mRNA; gi|261337168|ref|NM\_001166264.1| Hom

-coding RNA; gi|261399878|ref|NR\_029402.1| Homo sapiens chaperonin containing TCP1, subunit 7 (e

urine hydroxymethyltransferase 2 (mitochondrial) (SHMT2), transcript variant 8, non-coding RNA; gi|261

..2| Homo sapiens RGM domain family, member A (RGMA), transcript variant 4, mRNA; gi|261878464|r  
ing protein (SSX2IP), transcript variant 2, mRNA; gi|261878551|ref|NM\_001166417.1| Homo sapiens s

ipt variant 4, mRNA; gi|261878558|ref|NM\_001166262.1| Homo sapiens mitochondrial translational ir

e 8 (HDAC8), transcript variant 5, mRNA; gi|262073087|ref|NM\_001166418.1| Homo sapiens histone c

1, mRNA;

ukocyte specific transcript 1 (LST1), transcript variant 2, mRNA; gi|262118327|ref|NM\_205839.2| Hom

























ig RNA;

FAM104B), transcript variant 2, mRNA; gi|262359958|ref|NR\_030722.1| Homo sapiens family with sec

A; gi|292658779|ref|NM\_001174158.1| Homo sapiens zinc finger and AT hook domain containing (ZFA

: 1, mRNA; gi|263191004|ref|NM\_001048199.2| Homo sapiens regulator of chromosome condensation  
in cancer, nonpolyposis type 2 (E. coli) (MLH1), transcript variant 1, mRNA;



1\_006698.3| Homo sapiens bladder cancer associated protein (BLCAP), transcript variant 1, mRNA;

PPP1R12B), transcript variant 6, mRNA; gi|268607510|ref|NM\_032104.2| Homo sapiens protein phosphatase 1 regulatory subunit 12B

2171|ref|NM\_018035.2| Homo sapiens ATP5S-like (ATP5SL), transcript variant 4, mRNA; gi|268832156

gi|268840044|ref|NM\_134470.3| Homo sapiens interleukin 1 receptor accessory protein (IL1RAP), tra  
|NM\_001167934.1| Homo sapiens cerebral cavernous malformation 2 (CCM2), transcript variant 3, mR

ubunit (CACNB2), transcript variant 3, mRNA; gi|148234652|ref|NM\_201570.2| Homo sapiens calcium

variant c, mRNA; gi|269784649|ref|NM\_198999.2| Homo sapiens solute carrier family 26, member 5 (pre

ltransferase 2 homolog B (*S. cerevisiae*) (TRMT2B), transcript variant 1, mRNA;





inscript variant 2, mRNA;

one expressed PH domain homolog 1 (zebrafish) (VEPH1), transcript variant 2, mRNA; gi|269847545|re

mia viral oncogene homolog 2 (ABL2), transcript variant h, mRNA; gi|269847792|ref|NM\_001168239.1

s OCIA domain containing 1 (OCIAD1), transcript variant 4, mRNA; gi|269914127|ref|NM\_001168254.1

klch-like 13 (Drosophila) (KLHL13), transcript variant 5, mRNA; gi|269973866|ref|NM\_001168301.1| Ho

A;

mRNA;

ref|NM\_001168221.1| Homo sapiens amyotrophic lateral sclerosis 2 (juvenile) chromosome region, can

5890|ref|NM\_001168341.1| Homo sapiens tetratricopeptide repeat domain 39B (TTC39B), transcript v

ens protocadherin 11 X-linked (PCDH11X), transcript variant h, mRNA; gi|7657442|ref|NM\_014522.1| I

A; gi|274318362|ref|NM\_001168478.1| Homo sapiens armadillo repeat containing, X-linked 5 (ARMCX

ndent protein kinase kinase 2, beta (CAMKK2), transcript variant 1, mRNA; gi|259490270|ref|NM\_1722

iens nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 1 (NFATC1), transcript variar

|ref|NM\_173088.1| Homo sapiens calpain 3, (p94) (CAPN3), transcript variant 4, mRNA;



drial protein, transcript variant 1, mRNA; gi|281182721|ref|NM\_001169110.1| Homo sapiens SCO cyto

as 2 (CNKSR2), transcript variant 1, mRNA;

ked glycosylation 13 homolog (*S. cerevisiae*) (ALG13), transcript variant 3, mRNA; gi|380848760|ref|NM

1371467|ref|NM\_206811.3| Homo sapiens myelin oligodendrocyte glycoprotein (MOG), transcript vari

ipt variant 2, mRNA;

ns TGFB-induced factor homeobox 1 (TGIF1), transcript variant 3, mRNA; gi|28178850|ref|NM\_173209

s AF4/FMR2 family, member 2 (AFF2), transcript variant 2, mRNA; gi|282165694|ref|NM\_001169124.1

94039|ref|NR\_033183.1| Homo sapiens mindbomb E3 ubiquitin protein ligase 2 (MIB2), transcript varia

og acyltransferase (HHAT), transcript variant 2, mRNA; gi|282398138|ref|NM\_001170588.1| Homo sap

gi|282398119|ref|NM\_001170718.1| Homo sapiens breast cancer anti-estrogen resistance 1 (BCAR1), i

/clin-dependent kinase 20 (CDK20), transcript variant 4, mRNA;

|NM\_001170703.1| Homo sapiens muscleblind-like splicing regulator 3 (MBNL3), transcript variant 5, m

M\_001170796.1| Homo sapiens zinc finger, AN1-type domain 1 (ZFAND1), transcript variant 2, mRNA; g

: encoding mitochondrial protein, transcript variant 2, mRNA;

i|282847480|ref|NM\_001166599.2| Homo sapiens family with sequence similarity 122B (FAM122B), tr

1170698.1| Homo sapiens spermatogenesis associated 22 (SPATA22), transcript variant 3, mRNA; gi|28

4; gi|283046645|ref|NM\_138819.3| Homo sapiens family with sequence similarity 122C (FAM122C), tr

(FAM82A1), transcript variant 2, mRNA;

:transcript variant 1, mRNA; gi|283046704|ref|NM\_199190.2| Homo sapiens La ribonucleoprotein dom

ense RNA 3 (non-protein coding) (HOXB-AS3), transcript variant 1, non-coding RNA; gi|283046791|ref|N

LRC1), transcript variant 1, mRNA;

170880.1| Homo sapiens G protein-coupled receptor 137 (GPR137), transcript variant 2, mRNA;

283436128|ref|NM\_001555.4| Homo sapiens immunoglobulin superfamily, member 1 (IGSF1), transcri  
variant 2, mRNA;

st variant 2, mRNA; gi|283484023|ref|NM\_001171025.1| Homo sapiens protein tyrosine phosphatase,

(FAM133A), transcript variant 4, mRNA;

5|ref|NM\_001171160.1| Homo sapiens sialic acid binding Ig-like lectin 10 (SIGLEC10), transcript variant

), transcript variant 4, mRNA; gi|283945605|ref|NM\_021806.2| Homo sapiens family with sequence sin

omo sapiens ubiquitin associated protein 1 (UBAP1), transcript variant 6, non-coding RNA; gi|283945567

cript variant 4, mRNA;

ophosphodiester phosphodiesterase domain containing 2 (GDPD2), transcript variant 3, mRNA;

AL3), transcript variant 1, mRNA; gi|28373073|ref|NM\_174966.1| Homo sapiens ST3 beta-galactoside

), transcript variant 3, mRNA; gi|28416918|ref|NM\_170683.2| Homo sapiens purinergic receptor P2X, I

ndopeptidase-like (PREPL), transcript variant 7, mRNA; gi|284172364|ref|NM\_001042386.2| Homo sa

ref|NM\_001025368.2| Homo sapiens vascular endothelial growth factor A (VEGFA), transcript variant 4

ns cytochrome b5 reductase 3 (CYB5R3), transcript variant 5, mRNA;

A; gi|284795343|ref|NM\_001171798.1| Homo sapiens chromosome 8 open reading frame 83 (C8orf83

A), transcript variant 5, mRNA;

PARD), transcript variant 4, mRNA; gi|284807153|ref|NM\_006238.4| Homo sapiens peroxisome prolif

3, mRNA;

ranscript variant 8, mRNA; gi|284925129|ref|NM\_001171931.1| Homo sapiens cadherin-related 23 (CD

|ref|NM\_001130965.2| Homo sapiens Sad1 and UNC84 domain containing 1 (SUN1), transcript variant

dix (nucleoside diphosphate linked moiety X)-type motif 16 (NUDT16), transcript variant 3, mRNA;



(HCK), transcript variant 2, mRNA; gi|287326138|ref|NM\_001172129.1| Homo sapiens hemopoietic c

rotein coding) (BDNF-AS1), transcript variant BT2A, non-coding RNA; gi|288557323|ref|NR\_002832.2| B  
t variant 7, mRNA; gi|288557329|ref|NM\_001031694.2| Homo sapiens sex comb on midleg homolog 1

iens myocardial infarction associated transcript (non-protein coding) (MIAT), transcript variant 1, non-cd

2735|ref|NM\_176793.1| Homo sapiens mitochondrial ribosomal protein L43 (MRPL43), nuclear gene ei

8856238|ref|NM\_001144005.2| Homo sapiens SLIT and NTRK-like family, member 2 (SLITRK2), transcr

elch-like 7 (Drosophila) (KLHL7), transcript variant 2, mRNA;

r 8 (SENP8), transcript variant 5, mRNA; gi|289063478|ref|NM\_001172109.1| Homo sapiens SUMO/se

1349|ref|NM\_001043.3| Homo sapiens solute carrier family 6 (neurotransmitter transporter, noradren

;ene (88) (MYD88), transcript variant 3, mRNA; gi|289546502|ref|NM\_001172567.1| Homo sapiens my

5596.2| Homo sapiens CUGBP, Elav-like family member 1 (CELF1), transcript variant 3, mRNA;

RNA; gi|289547642|ref|NM\_020972.2| Homo sapiens zinc finger, FYVE domain containing 28 (ZFYVE28  
; gi|289547664|ref|NM\_001172664.1| Homo sapiens RAB40C, member RAS oncogene family (RAB40C

io sapiens golgi-associated, gamma adaptin ear containing, ARF binding protein 1 (GGA1), transcript vari  
otein 573 (ZNF573), transcript variant 4, mRNA;

o sapiens golgi-associated, gamma adaptin ear containing, ARF binding protein 3 (GGA3), transcript vari:

omo sapiens Sec23 homolog B (*S. cerevisiae*) (SEC23B), transcript variant 2, mRNA;

orter), member 8 (SLC30A8), transcript variant 1, mRNA; gi|289803008|ref|NM\_001172814.1| Homo s:

ipt variant 2, mRNA;

NM\_001172643.1 | Homo sapiens thymidine kinase 2, mitochondrial (TK2), transcript variant 2, mRNA;  
nduced 2 (RAI2), transcript variant 2, mRNA; gi|290661449|ref|NM\_001172739.1 | Homo sapiens retinc

titin (TTN), transcript variant N2-A, mRNA;

collagen, type XIII, alpha 1 (COL13A1), transcript variant 1, mRNA; gi|291045254|ref|NM\_080800.3| Homo sapiens

), transcript variant 1, mRNA; gi|291045270|ref|NM\_198125.2| Homo sapiens TYRO protein tyrosine kinase

;

script variant 1, mRNA; gi|291084501|ref|NM\_001172697.1| Homo sapiens Translation elongation factor

| Homo sapiens TROVE domain family, member 2 (TROVE2), transcript variant 1, mRNA; gi|291084628|

cript variant 1, mRNA; gi|291084743|ref|NM\_001173455.1| Homo sapiens pyruvate dehydrogenase (li  
.1| Homo sapiens BTG3 associated nuclear protein (BANP), transcript variant 3, mRNA; gi|291084796|r

interferon regulatory factor 5 (IRF5), transcript variant 2, mRNA;  
onic family member 1 (TCTN1), transcript variant 5, mRNA;

17.4| Homo sapiens sperm adhesion molecule 1 (PH-20 hyaluronidase, zona pellucida binding) (SPAM1)

ig-7 homolog, nonsense mediated mRNA decay factor (C. elegans) (SMG7), transcript variant 1, mRNA;

solute carrier family 29 (nucleoside transporters), member 3 (SLC29A3), transcript variant 2, mRNA;



5|ref|NM\_030751.5| Homo sapiens zinc finger E-box binding homeobox 1 (ZEB1), transcript variant 2, n

gi|291621667|ref|NM\_001002262.3| Homo sapiens zinc finger, FYVE domain containing 27 (ZFYVE27

sapiens zinc finger protein 542 (ZNF542), transcript variant 5, non-coding RNA;

\_182896.2| Homo sapiens ADP-ribosylation factor-like 13B (ARL13B), transcript variant 1, mRNA;

;

, transcript variant 3, mRNA; gi|293336238|ref|NM\_138766.2| Homo sapiens peptidylglycine alpha-arr

variant 3, mRNA;

ot variant 2, mRNA; gi|293651581|ref|NM\_001134851.2| Homo sapiens transcription factor 7 (T-cell sp  
lement binding protein 2 (CPEB2), transcript variant D, mRNA; gi|293651592|ref|NM\_182485.2| Homc

transient receptor potential cation channel, subfamily V, member 4 (TRPV4), transcript variant 2, mRNA;

rRNA;

3845.4| Homo sapiens sialic acid binding Ig-like lectin 6 (SIGLEC6), transcript variant 2, mRNA; gi|2947774

33252.1| Homo sapiens microtubule-associated protein tau (MAPT), transcript variant 8, mRNA; gi|2948

transcript variant 1, mRNA; gi|294997263|ref|NR\_033519.1| Homo sapiens mannan-binding lectin serine

ribonucleoprotein 3 (RBMS3), transcript variant 2, mRNA; gi|295148138|ref|NM\_001177711.1|

8, non-coding RNA; gi|295293170|ref|NM\_001174127.1| Homo sapiens solute carrier family 11 (protc

2, mRNA; gi|29540553|ref|NM\_022806.2| Homo sapiens small nuclear ribonucleoprotein polypeptide

42512|ref|NR\_033650.1| Homo sapiens splicing factor 1 (SF1), transcript variant 8, non-coding RNA; gi|  
; gi|295849271|ref|NM\_001178036.1| Homo sapiens dipeptidyl-peptidase 10 (non-functional) (DPP10)

ref|NM\_001079863.1| Homo sapiens diazepam binding inhibitor (GABA receptor modulator, acyl-CoA b

ariant 1, mRNA;

is nasal embryonic LHRH factor (NELF), transcript variant 3, mRNA;

variant 4, mRNA; gi|296010849|ref|NM\_001178076.1| Homo sapiens asparagine synthetase (glutamine

homo sapiens signal transducer and activator of transcription 6, interleukin-4 induced (STAT6), transcrip

r protein, X-linked (ZFX), transcript variant 2, mRNA;

nase 1, cytosolic (BCAT1), transcript variant 2, mRNA; gi|296010898|ref|NM\_005504.6| Homo sapiens

VA;

010980|ref|NM\_001178115.1| Homo sapiens zinc finger protein 185 (LIM domain) (ZNF185), transcript

A; gi|296010982|ref|NM\_001178116.1| Homo sapiens abl-interactor 1 (ABI1), transcript variant 5, mR

96011050|ref|NM\_000759.3| Homo sapiens colony stimulating factor 3 (granulocyte) (CSF3), transcrip

; gi|296011075|ref|NM\_001184694.1| Homo sapiens matrix extracellular phosphoglycoprotein (MEPE)

synthesis, class T (PIGT), transcript variant 3, mRNA;

e carrier family 22 (organic anion transporter), member 8 (SLC22A8), transcript variant 1, mRNA;  
)|ref|NM\_198188.2| Homo sapiens astrotactin 2 (ASTN2), transcript variant 4, mRNA;

001184746.1| Homo sapiens platelet-activating factor acetylhydrolase 1b, catalytic subunit 2 (30kDa) (P

script variant 1, mRNA; gi|296179380|ref|NM\_001076677.2| Homo sapiens clathrin, light chain A (CLT

RNA; gi|296179418|ref|NR\_033669.1| Homo sapiens armadillo repeat containing, X-linked 6 (ARMCX6

.79439|ref|NM\_001184774.1| Homo sapiens seizure related 6 homolog (mouse)-like (SEZ6L), transcript

. elegans) (PARD3), transcript variant 6, mRNA; gi|296278254|ref|NM\_019619.3| Homo sapiens par-3 p  
tion partner 2) (TFDP2), transcript variant 4, mRNA; gi|296278211|ref|NM\_001178138.1| Homo sapiens  
omain 5 (NOX5), transcript variant 3, mRNA; gi|354721171|ref|NR\_033671.2| Homo sapiens NADPH o

it 1, mRNA; gi|291084738|ref|NM\_001173534.1| Homo sapiens DiGeorge syndrome critical region gen

5.1| Homo sapiens G protein-coupled receptor 64 (GPR64), transcript variant 7, mRNA; gi|296317281|ri  
gi|296317313|ref|NM\_001184816.1| Homo sapiens carcinoembryonic antigen-related cell adhesion m

5317335|ref|NR\_033675.1| Homo sapiens voltage-dependent anion channel 2 (VDAC2), transcript varia

riant 2, mRNA; gi|296434263|ref|NM\_001184870.1| Homo sapiens Fc receptor-like A (FCRLA), transcri



is FAD1 flavin adenine dinucleotide synthetase homolog (*S. cerevisiae*) (FLAD1), transcript variant 3, mRNA

AM219A), transcript variant 1, mRNA; gi|296531327|ref|NM\_001184943.1| Homo sapiens family with

ndrome 2 (NIPA2), transcript variant 4, mRNA; gi|296531340|ref|NM\_001008860.2| Homo sapiens nc  
CARD8), transcript variant 6, mRNA; gi|296531364|ref|NM\_001184903.1| Homo sapiens caspase recru

LL5), transcript variant 3, mRNA;

ant 1, mRNA; gi|296923803|ref|NM\_198178.2| Homo sapiens microphthalmia-associated transcrip

:YT2), transcript variant 1, mRNA; gi|374253759|ref|NM\_001256434.1| Homo sapiens phosphate cytid

ondrial protein, transcript variant 1, mRNA;

tochondrial protein, transcript variant 5, mRNA; gi|323098339|ref|NM\_001130846.2| Homo sapiens a

rown, 1, 6kDa (NDUFC1), nuclear gene encoding mitochondrial protein, transcript variant 6, mRNA; gi|2

mine (serotonin) receptor 4, G protein-coupled (HTR4), transcript variant a, mRNA; gi|297206834|ref|N

3700.1 | Homo sapiens fragile X mental retardation 1 (FMR1), transcript variant ISO10, non-coding RNA;

tropic, N-methyl D-aspartate 1 (GRIN1), transcript variant 5, mRNA; gi|297374808|ref|NM\_001185090.

P73-AS1), transcript variant 4, non-coding RNA; gi|297747268|ref|NR\_033712.1| Homo sapiens TP73 a

RNA; gi|297747314|ref|NR\_033714.1| Homo sapiens vesicle-associated membrane protein 7 (VAMP7),

.1), transcript variant 2, mRNA;

DnaJ (Hsp40) homolog, subfamily C, member 19 (DNAJC19), transcript variant 3, non-coding RNA; gi|37

IM\_001146178.2| Homo sapiens inositol hexakisphosphate kinase 2 (IP6K2), transcript variant 5, mRNA

rial Fo complex, subunit s (factor B) (ATP5S), nuclear gene encoding mitochondrial protein, transcript vari  
gi|298493311|ref|NM\_001171511.2| Homo sapiens multiple coagulation factor deficiency 2 (MCFD2),

05|ref|NM\_001126056.2| Homo sapiens dermokine (DMKN), transcript variant 3, mRNA; gi|298566217

6, mRNA; gi|298566292|ref|NM\_148900.3| Homo sapiens forkhead box P2 (FOXP2), transcript variant

o sapiens glucosamine (UDP-N-acetyl)-2-epimerase/N-acetylmannosamine kinase (GNE), transcript vari

519|ref|NM\_001190415.1| Homo sapiens TAF6 RNA polymerase II, TATA box binding protein (TBP)-ass

G, mRNA; gi|298919214|ref|NM\_033164.3| Homo sapiens fibroblast growth factor 8 (androgen-induce

ant b, mRNA; gi|299523007|ref|NM\_172350.2| Homo sapiens CD46 molecule, complement regulatory

0, family 3, subfamily A, polypeptide 5 (CYP3A5), transcript variant 6, non-coding RNA; gi|299523033|re

if 1 (RALGPS1), transcript variant 4, mRNA;

ynthesis, class A (PIGA), transcript variant 5, non-coding RNA;



tor (CD32) (FCGR2B), transcript variant 2, mRNA; gi|299890845|ref|NM\_001002275.2| Homo sapiens F

|ref|NM\_001135041.2| Homo sapiens dynactin 1 (DCTN1), transcript variant 4, mRNA; gi|299890880|r



nd-gated ion channel, 7 (P2RX7), transcript variant 5, non-coding RNA; gi|300068995|ref|NR\_033952.1

ant 1, mRNA; gi|300069009|ref|NM\_001008225.2| Homo sapiens CCR4-NOT transcription complex, su

gi|300116155|ref|NM\_000438.5| Homo sapiens paired box 3 (PAX3), transcript variant PAX3A, mRNA;

apiens oxysterol binding protein-like 9 (OSBPL9), transcript variant 1, mRNA; gi|308153259|ref|NM\_14

non-coding RNA; gi|300192967|ref|NM\_017951.4| Homo sapiens sphingomyelin phosphodiesterase 4  
r 1 (SLC9B1), transcript variant 4, non-coding RNA; gi|300193017|ref|NM\_001100874.2| Homo sapien:

ligand) superfamily, member 10 (TNFSF10), transcript variant 2, mRNA;

factor 2 (YAF2), transcript variant 3, mRNA;

8B (PDE8B), transcript variant 1, mRNA;

00360542|ref|NM\_006625.4| Homo sapiens serine/arginine-rich splicing factor 10 (SRSF10), transcript

nt 4, mRNA;

16|ref|NR\_034066.1| Homo sapiens caspase 12 (gene/pseudogene) (CASP12), transcript variant 6, non-

08.2| Homo sapiens SEC31 homolog A (S. cerevisiae) (SEC31A), transcript variant 3, mRNA; gi|30079513

e 2 (EML2), transcript variant 3, mRNA;

e RNA 1 (non-protein coding) (TRAF3IP2-AS1), transcript variant 2, non-coding RNA;

pendent 70kDa (PDE1C), transcript variant 4, mRNA; gi|300796892|ref|NM\_001191059.1| Homo sapiens

itamate), member 22 (SLC25A22), nuclear gene encoding mitochondrial protein, transcript variant 1, mF

1| Homo sapiens midline 1 (Opitz/BBB syndrome) (MID1), transcript variant 9, mRNA; gi|300797110|ref

receptor, beta 3 (GABRB3), transcript variant 2, mRNA;

in (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4A (SEMA4A), transcr

t variant 2, mRNA; gi|300934877|ref|NM\_001193316.1| Homo sapiens chromosome 14 open reading f

NA; gi|301069348|ref|NM\_001193340.1| Homo sapiens solute carrier family 13 (sodium-dependent dic

sapiens myocyte enhancer factor 2C (MEF2C), transcript variant 4, mRNA; gi|301069378|ref|NM\_00115

variant 1, mRNA;

301129154|ref|NM\_001193360.1| Homo sapiens exonuclease 3'-5' domain containing 2 (EXD2), trans  
ucer-obliterator 1 (DIDO1), transcript variant 3, mRNA; gi|301129169|ref|NM\_001193369.1| Homo sa

e encoding mitochondrial protein, transcript variant 1, mRNA;

ulatory subunit 4 (PPP2R4), transcript variant 5, mRNA; gi|301129281|ref|NM\_178001.2| Homo sapien









RNA;

methionine sulfoxide reductase B3 (MSRB3), nuclear gene encoding mitochondrial protein, transcript va

1R21), transcript variant 5, mRNA;

!5107.2 | Homo sapiens adenosine deaminase, RNA-specific (ADAR), transcript variant 4, mRNA;

elated kinase 2 (VRK2), transcript variant 3, mRNA; gi|301897294|ref|NM\_001130483.2| Homo sapien

porter), member 6 (SLC30A6), transcript variant 2, mRNA;

4), transcript variant 2, mRNA;

non-coding RNA;

\_005010.4| Homo sapiens neuronal cell adhesion molecule (NRCAM), transcript variant 2, mRNA;

mRNA; gi|302191699|ref|NM\_001193609.1| Homo sapiens tubulin, delta 1 (TUBD1), transcript variant  
gene (TMEM198B), transcript variant 3, non-coding RNA;

ase (SDR family) member 4 like 2 (DHRS4L2), transcript variant 3, mRNA;  
(SCP2), transcript variant 5, mRNA; gi|302344766|ref|NM\_001193617.1| Homo sapiens sterol carrier p

t variant 7, mRNA; gi|302393559|ref|NM\_001033046.3| Homo sapiens chromosome 17 open reading

IC class I polypeptide-related sequence A (MICA), transcript variant 1 (allele MICA\*001), mRNA;

t 3, mRNA; gi|302699209|ref|NM\_207171.2| Homo sapiens pogo transposable element with ZNF dom

4G1), transcript variant 2, mRNA; gi|302699244|ref|NM\_001194946.1| Homo sapiens eukaryotic tran:

A\_001194955.1| Homo sapiens matrin 3 (MATR3), transcript variant 4, mRNA;



NA; gi|297515480|ref|NM\_001042583.2| Homo sapiens CD1e molecule (CD1E), transcript variant 2, m  
yl-tRNA synthetase (CARS), transcript variant 5, mRNA;

pt variant 4, mRNA;

NA; gi|303305006|ref|NM\_203456.2| Homo sapiens peptidylprolyl isomerase E (cyclophilin E) (PPIE), t  
anscript variant 4, mRNA;

4\_001195056.1| Homo sapiens DNA-damage-inducible transcript 3 (DDIT3), transcript variant 4, mRNA;

int 5, mRNA; gi|207113163|ref|NM\_001135245.1| Homo sapiens Treacher Collins-Franceschetti syndr

ar gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|354459395|ref|NM\_001251964

(CCT3), transcript variant 3, mRNA;

mRNA; gi|304555579|ref|NM\_001960.4| Homo sapiens eukaryotic translation elongation factor 1 delta

ef|NM\_175073.2| Homo sapiens aprataxin (APTX), transcript variant 1, mRNA; gi|305410841|ref|NR\_0

int 9, mRNA; gi|305410865|ref|NM\_001195261.1| Homo sapiens phosphodiesterase 4D interacting pr

no sapiens BBSome interacting protein 1 (BBIP1), transcript variant 4, mRNA;

ranscript variant 1, mRNA;

d leukemia factor 1 (MLF1), transcript variant 3, mRNA; gi|306482662|ref|NM\_001130157.2| Homo sa

io sapiens GTP binding protein 3 (mitochondrial) (GTPBP3), nuclear gene encoding mitochondrial protei

omology domain containing, family A member 5 (PLEKHA5), transcript variant 6, mRNA; gi|374349210|

. (PLEKHA1), transcript variant 1, mRNA;

l to, 10 (MLLT10), transcript variant 1, mRNA; gi|307548833|ref|NM\_001195627.1| Homo sapiens mye

5, mRNA; gi|133925794|ref|NM\_001083113.1| Homo sapiens zinc finger, CCCH-type with G patch dom

transcript variant 3, mRNA;

FAM213B), transcript variant 4, mRNA; gi|307691196|ref|NR\_036638.1| Homo sapiens family with sec

Homo sapiens low density lipoprotein receptor (LDLR), transcript variant 1, mRNA; gi|307775413|ref|F

nt 2, mRNA;

S. cerevisiae) (VPS13C), transcript variant 2B, mRNA;

coding) (ZNF1-AS1), transcript variant 3, non-coding RNA; gi|308082007|ref|NR\_036658.1| Homo sap

; (PLEKHA8), transcript variant 1, mRNA;

variant 2, mRNA;

s interferon regulatory factor 3 (IRF3), transcript variant 3, mRNA; gi|358440279|ref|NR\_045568.1| Ho

sbindin (dystrobrevin binding protein 1) domain containing 2 (DBNDD2), transcript variant 9, mRNA; gi|

;22751|ref|NM\_001197240.1| Homo sapiens butyrophilin, subfamily 2, member A2 (BTN2A2), transcrip

gi|76781490|ref|NM\_007047.3| Homo sapiens butyrophilin, subfamily 3, member A2 (BTN3A2), trans

NM\_181742.3| Homo sapiens origin recognition complex, subunit 4 (ORC4), transcript variant 3, mRNA;



nt 4, mRNA; gi|309243122|ref|NM\_001197319.1| Homo sapiens C-type lectin domain family 2, memb

1), transcript variant 3, mRNA; gi|309384268|ref|NM\_001198534.1| Homo sapiens oxidation resistanc  
anscript variant 1, mRNA;

ariant 6, non-coding RNA; gi|309951078|ref|NM\_001198546.1| Homo sapiens nucleolar protein 4 (NOL

nt 1 (LOC100507212), miscRNA; gi|310120519|ref|XR\_110415.1| PREDICTED: Homo sapiens hypothetical

nt 2 (LOC100506057), miscRNA;

nt 3 (LOC100507675), miscRNA; gi|310110203|ref|XR\_111189.1| PREDICTED: Homo sapiens hypothetical

nt 2 (LOC100506226), miscRNA;

it 1 (LOC100129119), miscRNA;

it 2 (LOC100507452), miscRNA;

nt 1 (LOC100506676), miscRNA; gi|310113031|ref|XR\_111659.1| PREDICTED: Homo sapiens hypothetical

nt 1 (LOC100507372), miscRNA; gi|310113385|ref|XR\_111883.1| PREDICTED: Homo sapiens hypothetical

nt 1 (LOC100506206), miscRNA;

nt 1 (LOC100505991), miscRNA; gi|310113603|ref|XR\_111995.1| PREDICTED: Homo sapiens hypothetical

nt 1 (LOC100506985), miscRNA;

it 2 (LOC100506115), miscRNA;

it 3 (LOC100134361), miscRNA; gi|310124146|ref|XR\_109726.1| PREDICTED: Homo sapiens hypothetical

;

nt 3 (LOC100506014), miscRNA; gi|310118869|ref|XR\_109908.1| PREDICTED: Homo sapiens hypothetical

nt 1 (LOC100132330), miscRNA;

nt 1 (LOC100505877), miscRNA;

nt 2 (LOC100505609), miscRNA;

nt 3 (LOC100507291), miscRNA; gi|310114537|ref|XR\_112580.1| PREDICTED: Homo sapiens hypothetical

nt 3 (LOC100507239), miscRNA; gi|310119287|ref|XR\_108492.1| PREDICTED: Homo sapiens hypothetical

nt 1 (LOC100507376), miscRNA;



nt 2 (LOC100505719), miscRNA; gi|310114830|ref|XR\_112771.1| PREDICTED: Homo sapiens hypothetical

nt 1 (LOC100505880), miscRNA;

nt 1 (LOC100506379), miscRNA;

nt 2 (LOC100506885), miscRNA;

it 2 (LOC100131607), miscRNA;

it 2 (LOC100131283), miscRNA;

it 1 (LOC100507406), miscRNA;

omain-containing protein 162-like, transcript variant 2 (LOC100506339), mRNA; gi|341914674|ref|XM\_

it 2 (LOC100505500), miscRNA; gi|310118203|ref|XR\_110621.1| PREDICTED: Homo sapiens hypothetical

it 2 (LOC100506130), miscRNA; gi|310118236|ref|XR\_110649.1| PREDICTED: Homo sapiens hypothetical

it 2 (LOC100507448), miscRNA;

it 2 (LOC100506365), miscRNA;

0118018|ref|XM\_003120270.1| PREDICTED: Homo sapiens HLA class II histocompatibility antigen, DQ  $\alpha$

nt 1 (LOC100506725), miscRNA; gi|310118263|ref|XR\_110669.1| PREDICTED: Homo sapiens hypothetical

), miscRNA; gi|310115235|ref|XR\_113014.1| PREDICTED: Homo sapiens hypothetical LOC100507042, ti

4B), mRNA; gi|310120064|ref|XM\_003118599.1| PREDICTED: Homo sapiens RAS p21 protein activator  
nt 3 (LOC100506683), miscRNA; gi|310120071|ref|XR\_108859.1| PREDICTED: Homo sapiens hypothetical

nt 1 (LOC100506860), miscRNA; gi|310115322|ref|XR\_113050.1| PREDICTED: Homo sapiens hypothetical  
nt 3 (LOC100506881), miscRNA; gi|310118424|ref|XR\_110751.1| PREDICTED: Homo sapiens hypothetical

nt 2 (LOC100506380), miscRNA; gi|310120134|ref|XR\_108713.1| PREDICTED: Homo sapiens hypothetic

nt 2 (LOC100505887), miscRNA;

.1| PREDICTED: Homo sapiens neuroblastoma breakpoint family member 21-like, transcript variant 14 (

nt 1 (LOC100506128), miscRNA;

nt 2 (LOC100506405), miscRNA;

nt 2 (LOC100506108), miscRNA;

nt 2 (LOC100506235), miscRNA;

nt 2 (LOC100506797), miscRNA; gi|310119026|ref|XR\_109881.1| PREDICTED: Homo sapiens hypothetical

nt 1 (LOC100505498), miscRNA;

nt 1 (LOC100505957), miscRNA;

;

al protein LOC100505836, transcript variant 1 (LOC100505836), mRNA;

nt 1 (LOC100506591), miscRNA;

it 2 (LOC100507335), miscRNA;

it 2 (LOC100505861), miscRNA;

it 2 (LOC100506048), miscRNA;

;

it 2 (LOC100506387), miscRNA;



it 2 (LOC100505636), miscRNA;

it 1 (LOC100505813), miscRNA; gi|341915326|ref|XR\_110319.2| PREDICTED: Homo sapiens hypothetical

it 1 (LOC100507546), miscRNA; gi|310119675|ref|XR\_110077.1| PREDICTED: Homo sapiens hypothetical

it 2 (LOC100505730), miscRNA;

it 1 (LOC100505644), miscRNA; gi|341915379|ref|XR\_132527.1| PREDICTED: Homo sapiens hypothetical

it 1 (LOC100506098), miscRNA; gi|310115181|ref|XR\_112981.1| PREDICTED: Homo sapiens hypothetical

it 1 (LOC100289098), miscRNA; gi|310115266|ref|XR\_113021.1| PREDICTED: Homo sapiens hypothetical

nt 3 (LOC100128737), miscRNA; gi|310118402|ref|XR\_110730.1| PREDICTED: Homo sapiens hypothetical

nt 1 (LOC100507420), miscRNA;

nt 1 (LOC100505501), miscRNA;

nt 1 (LOC100505606), miscRNA; gi|310120548|ref|XR\_110444.1| PREDICTED: Homo sapiens hypothetical

it 1 (LOC100507411), miscRNA;

it 2 (LOC100506870), miscRNA;

it 2 (LOC100507511), miscRNA;

nt 1 (LOC100506125), miscRNA;

nt 1 (LOC100506465), miscRNA;

nt 2 (LOC100287803), miscRNA;

it 2 (LOC100506919), miscRNA;

like protein 2-like, transcript variant 3 (LOC728047), mRNA;

it 2 (LOC100506294), miscRNA; gi|310123304|ref|XR\_109196.1| PREDICTED: Homo sapiens hypothetical

it 1 (LOC100507458), miscRNA;

it 1 (LOC100287628), miscRNA;

699.2 | PREDICTED: Homo sapiens nuclear pore complex-interacting protein-like 1-like, transcript varian

it 3 (LOC100507263), miscRNA;

it 2 (LOC100506295), miscRNA;



it 2 (LOC100507111), miscRNA;  
it 2 (LOC100507305), miscRNA;

it 2 (LOC100505490), miscRNA;  
it 2 (LOC100128997), miscRNA;



it 2 (LOC100507199), miscRNA;

it 2 (LOC100505874), miscRNA; gi|310124326|ref|XR\_110948.1| PREDICTED: Homo sapiens hypothetical

nt 1 (LOC100505650), miscRNA; gi|310124618|ref|XR\_110788.1| PREDICTED: Homo sapiens hypothetical

TED: Homo sapiens proline-rich nuclear receptor coactivator 2-like, transcript variant 8 (LOC100505603

nt 2 (LOC100507312), miscRNA; gi|310124658|ref|XR\_110813.1| PREDICTED: Homo sapiens hypothetical

gi|310113265|ref|XR\_111806.1| PREDICTED: Homo sapiens hypothetical LOC645321, transcript varia

U98608.1| Homo sapiens microtubule-associated protein 7 (MAP7), transcript variant 1, mRNA; gi|31075

310750384|ref|NM\_001080500.1| Homo sapiens outer dense fiber of sperm tails 2 (ODF2), transcript variant 1, mRNA; gi|310750401|ref|NM\_152

U3108324.1| Homo sapiens transmembrane protein 136 (TMEM136), transcript variant 4, mRNA; gi|3108324

U310923188.1| Homo sapiens runt-related transcription factor 1; translocated to, 1 (cyclin D-related) (RUNX1T1), transcript variant 5, mRNA; gi|310923125|ref|NM\_001018139.2| Homo sapiens n  
310923188|ref|NM\_001198688.1| Homo sapiens leptin receptor (LEPR), transcript variant 5, mRNA;

1, mRNA; gi|311201831|ref|NM\_080416.2| Homo sapiens septin 4 (SEPT4), transcript variant 3, mRNA

: variant 4, mRNA; gi|311771572|ref|NM\_001198755.1| Homo sapiens guanine nucleotide binding prot

ant 2, mRNA;

l, 20kDa (ARPC4), transcript variant 4, mRNA;

ntaining 3 (MSANTD3), transcript variant 3, mRNA;

a, 3 (EIF4G3), transcript variant 2, mRNA;

3| Homo sapiens APOBEC1 complementation factor (A1CF), transcript variant 1, mRNA; gi|311771767|r

/variant 4, non-coding RNA;

mily C, polypeptide 8 (CYP2C8), transcript variant 4, mRNA;

5| Homo sapiens copine I (CPNE1), transcript variant 3, mRNA; gi|311893342|ref|NM\_152928.2| Homo

subunit F2 (ATP5J2), nuclear gene encoding mitochondrial protein, transcript variant 4, mRNA; gi|3118

sociated protein 1 (YY1AP1), transcript variant 2, mRNA; gi|312032419|ref|NM\_001198901.1| Homo s

37|ref|NM\_001144982.2| Homo sapiens coiled-coil domain containing 169 (CCDC169), transcript varia

ariant 7, non-coding RNA; gi|312032449|ref|NM\_001013251.2| Homo sapiens solute carrier family 3 (c

in, binding protein 1 (liprin beta 1) (PPFIBP1), transcript variant 4, mRNA;

variant 4, non-coding RNA;







067.1 | Homo sapiens nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 4 (NFATC4),

, mRNA;

r 2 (SERINC2), transcript variant 2, mRNA;

domain containing 1 (LEMD1), transcript variant 5, non-coding RNA;

tudor domain containing 5 (TDRD5), transcript variant 4, mRNA;

o sapiens 5'-nucleotidase, cytosolic 1B (NT5C1B), transcript variant 2, mRNA;

AI1-associated protein 3 (BAIAP3), transcript variant 2, mRNA;

o|NM\_001199144.1| Homo sapiens xir actin-binding repeat containing 2 (XIRP2), transcript variant 4, m

K(lysine) acetyltransferase 7 (KAT7), transcript variant 1, mRNA;

omolog (S. cerevisiae) (MLST8), transcript variant 2, mRNA;

2C1), transcript variant 6, mRNA; gi|312836768|ref|NM\_001199182.1| Homo sapiens ATPase, Ca<sup>++</sup> tr  
ndrial protein, transcript variant 3, mRNA; gi|312836808|ref|NR\_037592.1| Homo sapiens adenylate l

i|312839870|ref|NM\_001199239.1| Homo sapiens G patch domain and ankyrin repeats 1 (GPANK1), tr

sapiens shugoshin-like 1 (S. pombe) (SGOL1), transcript variant A3, mRNA; gi|312922340|ref|NM\_001:  
ol kinase, zeta (DGKZ), transcript variant 7, mRNA; gi|313103000|ref|NM\_201533.3| Homo sapiens dia

sapiens phosphatase, orphan 2 (PHOSPHO2), transcript variant 3, mRNA;



it variant 1, mRNA;

n L17 (RPL17), transcript variant 3, mRNA; gi|313569771|ref|NM\_001199342.1| Homo sapiens ribosom

ansmembrane domain containing 3 (CMTM3), transcript variant 2, mRNA;

rotein 145 (RNF145), transcript variant 2, mRNA;

.1L2), transcript variant 6, mRNA; gi|358030305|ref|NM\_001135555.3| Homo sapiens erythrocyte men  
iscript variant 3, mRNA; gi|313661425|ref|NM\_001199397.1| Homo sapiens NIMA (never in mitosis ge

ns bromodomain containing 2 (BRD2), transcript variant 3, mRNA;

ding RNA;

3760691|ref|NR\_037635.1| Homo sapiens GJA9-MYCBP readthrough (GJA9-MYCBP), transcript variant

| Homo sapiens nuclear receptor coactivator 7 (NCOA7), transcript variant 2, mRNA; gi|313850977|ref|

rammed cell death 2 (PDCD2), transcript variant 1, mRNA; gi|313850992|ref|NM\_144781.2| Homo sap

.118.4| Homo sapiens adenylate cyclase activating polypeptide 1 (pituitary) receptor type I (ADCYAP1R1

NM\_001219.4| Homo sapiens calumenin (CALU), transcript variant 1, mRNA;

l 3-like 1) (SLC4A2), transcript variant 4, mRNA; gi|156071473|ref|NM\_003040.3| Homo sapiens solute



ipt variant 3, non-coding RNA;

1| Homo sapiens suppressor of tumorigenicity 20 (ST20), transcript variant 4, non-coding RNA;

;

esis of lysosomal organelles complex-1, subunit 1 (BLOC1S1), transcript variant 1, mRNA;

riacropain) subunit, alpha type, 5 (PSMA5), transcript variant 3, mRNA;

omolog B (Chlamydomonas) (POC1B), transcript variant 2, mRNA;

type 7 (PTPN7), transcript variant 3, mRNA; gi|315221145|ref|NR\_037664.1| Homo sapiens protein tyr

; integrator complex subunit 7 (INTS7), transcript variant 5, non-coding RNA;

i1199815.1| Homo sapiens gamma-glutamylcyclotransferase (GGCT), transcript variant 2, mRNA; ptor associated sorting protein 2 (GPRASP2), transcript variant 2, mRNA; gi|315360624|ref|NM\_001004

iant 4, mRNA;

NM\_021721.3 | Homo sapiens ADAM metallopeptidase domain 22 (ADAM22), transcript variant 5, mRNA

), transcript variant 5, mRNA; gi|315434213|ref|NM\_001199850.1| Homo sapiens death associated protein  
adenylate kinase 3 (AK3), transcript variant 3, mRNA;

ef|NM\_003636.3| Homo sapiens potassium voltage-gated channel, shaker-related subfamily, beta mem

SRF2, transcript variant 5, mRNA; gi|315468528|ref|NR\_037672.1| Homo sapiens sm

9.1| Homo sapiens pyruvate dehydrogenase kinase, isozyme 2 (PDK2), transcript variant 3, mRNA;

a (NDUFB5), transcript variant 2, mRNA;

DH-coenzyme Q reductase) (NDUFS1), nuclear gene encoding mitochondrial protein, transcript variant 1  
DUFB6), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA;

apiens hyaluronoglucosaminidase 3 (HYAL3), transcript variant 3, mRNA;

etylneuraminate pyruvate lyase (dihydrodipicolinate synthase) (NPL), transcript variant 4, mRNA; gi|318

ain 3 (HMGN3), transcript variant 1, mRNA;

nscrip variant 5, mRNA; gi|318067969|ref|NM\_183398.2| Homo sapiens ring finger protein 14 (RNF14

ipt variant 6, non-coding RNA;

NR113), transcript variant 11, mRNA; gi|319060414|ref|NM\_001077478.2| Homo sapiens nuclear recei

s asialoglycoprotein receptor 2 (ASGR2), transcript variant 4, mRNA;

, mRNA;

48.1 | Homo sapiens solute carrier family 16, member 4 (monocarboxylic acid transporter 5) (SLC16A4),

.1 | Homo sapiens oxysterol binding protein-like 6 (OSBPL6), transcript variant 5, mRNA;



rotein 821 (ZNF821), transcript variant 3, mRNA;

rotein homolog C (*S. cerevisiae*) (SEC22C), transcript variant 3, mRNA;

rotein 559 (ZNF559), transcript variant 2, mRNA; gi|320202975|ref|NM\_001202408.1| Homo sapiens zi

o reductase family 1, member A1 (aldehyde reductase) (AKR1A1), transcript variant 1, mRNA;

gi|321117034|ref|NM\_001202465.1| Homo sapiens zinc finger, MYND-type containing 11 (ZMYND11

ant 2, mRNA; gi|321117246|ref|NM\_001202482.1| Homo sapiens corticotropin releasing hormone rec

fold attachment factor B (SAFB), transcript variant 5, non-coding RNA;

ant 2, mRNA;

RNA; gi|321267563|ref|NM\_001202515.1| Homo sapiens CASP8 and FADD-like apoptosis regulator (C

script variant 5, mRNA; gi|321400108|ref|NM\_181552.3| Homo sapiens cut-like homeobox 1 (CUX1), t

; gi|322506095|ref|NM\_004456.4| Homo sapiens enhancer of zeste homolog 2 (Drosophila) (EZH2), tr:

leukin 17 receptor C (IL17RC), transcript variant 6, mRNA; gi|322812164|ref|NM\_153460.3| Homo sapi  
'6|ref|NM\_138272.2| Homo sapiens chromosome 6 open reading frame 25 (C6orf25), transcript varian

.NA;  
piens interleukin 18 binding protein (IL18BP), transcript variant E, mRNA; gi|222831619|ref|NM\_00114

x unknown, 2, 14.5kDa (NDUFC2), nuclear gene encoding mitochondrial protein, transcript variant 3, mF

d sterile alpha motif domain containing 1B (ANKS1B), transcript variant 4, mRNA; gi|323276658|ref|NM

1, mRNA; gi|323276669|ref|NM\_001204083.1| Homo sapiens mitochondrial inner membrane organizi  
, transcript variant 2, mRNA;

f|NM\_001204108.1| Homo sapiens BCL2-like 11 (apoptosis facilitator) (BCL2L11), transcript variant 13,

t variant 4, mRNA;

HDAC9), transcript variant 4, mRNA; gi|323423070|ref|NM\_001204148.1| Homo sapiens histone deace

!|ref|NM\_001204151.1| Homo sapiens methyl-CpG binding domain protein 1 (MBD1), transcript varian

:ript variant 4, mRNA; gi|323462168|ref|NM\_001204086.2| Homo sapiens neuroblastoma, suppressior

ranscript variant 3, mRNA;

; gi|323510648|ref|NM\_001204174.1| Homo sapiens chondrolectin (CHODL), transcript variant 2, mRN

.196.1 | Homo sapiens signal recognition particle 19kDa (SRP19), transcript variant 4, mRNA;

pt variant 8, mRNA; gi|323668318|ref|NM\_001204185.1| Homo sapiens tumor protein p73 (TP73), tra

(FXVD6), transcript variant 5, mRNA; gi|323714267|ref|NM\_001164831.2| Homo sapiens FXVD domain

U0303.1| Homo sapiens amyloid beta (A4) precursor protein (APP), transcript variant 10, mRNA; gi|22800

int 6, mRNA; gi|324073310|ref|NM\_001204315.1| Homo sapiens prolactin receptor (PRLR), transcript

120886|ref|NM\_001008925.2| Homo sapiens ring finger and CHY zinc finger domain containing 1, E3 u

RNA;

U01204388.1| Homo sapiens discs, large homolog 1 (Drosophila) (DLG1), transcript variant 5, mRNA;

U04296.1| Homo sapiens mucin 1, cell surface associated (MUC1), transcript variant 20, mRNA; gi|32412

ubunit 1 (alpha) (PIK3R1), transcript variant 1, mRNA;

ike homeodomain 2 (PITX2), transcript variant 1, mRNA; gi|324710991|ref|NM\_001204397.1| Homo s

013229.2| Homo sapiens apoptotic peptidase activating factor 1 (APAF1), transcript variant 1, mRNA;

118.1 | Homo sapiens regulator of G-protein signaling 6 (RGS6), transcript variant 4, mRNA; gi|32505367

ceptor superfamily, member 19 (TNFRSF19), transcript variant 4, mRNA;

sapiens RNA binding motif protein 10 (RBM10), transcript variant 4, mRNA;

: protein kinase II gamma (CAMK2G), transcript variant 6, mRNA; gi|325197145|ref|NM\_001222.3| Hor

iel, 5 (P2RX5), transcript variant 2, mRNA;

kinase, eta (DGKH), transcript variant 2, mRNA;



sapiens potassium voltage-gated channel, subfamily H (eag-related), member 2 (KCNH2), transcript vari

otein 568 (ZNF568), transcript variant 4, mRNA; gi|325651963|ref|NM\_001204839.1| Homo sapiens zi

1.1| Homo sapiens transcription elongation factor B (SIII), polypeptide 1 (15kDa, elongin C) (TCEB1), transcribed unit 1, coding RNA; gi|325652056|ref|NR\_028036.2| Homo sapiens Fas (TNF receptor superfamily, member 6),

INA; gi|325652073|ref|NM\_001134772.2| Homo sapiens syntaxin 16 (STX16), transcript variant 3, mRNA

5, non-coding RNA; gi|325910840|ref|NM\_003882.3| Homo sapiens WNT1 inducible signaling pathway

seipin) (BSC12), transcript variant 5, non-coding RNA; gi|325974508|ref|NM\_001130702.2| Homo sapi  
5910898|ref|NM\_001204887.1| Homo sapiens RAB43, member RAS oncogene family (RAB43), transcri

. cerevisiae) (ATG13), transcript variant 1, mRNA; gi|326806957|ref|NM\_001205122.1| Homo sapiens /

L45309.3| Homo sapiens leucine rich transmembrane and O-methyltransferase domain containing (LRTC

SL6), transcript variant 1, mRNA; gi|327412328|ref|NM\_001205251.1| Homo sapiens acyl-CoA synthetase

variant 2, non-coding RNA;

EGFLAM), transcript variant 1, mRNA;

1206482.1 | Homo sapiens engulfment and cell motility 1 (ELMO1), transcript variant 5, mRNA; gi|3304

5P10), transcript variant 6, mRNA; gi|98985796|ref|NM\_001230.4 | Homo sapiens caspase 10, apoptosi

aining receptor 1 (SORCS1), transcript variant 5, mRNA; gi|331028398|ref|NM\_001013031.2 | Homo sa

en (SP100), transcript variant 2, mRNA; gi|331999995|ref|NM\_001206703.1| Homo sapiens SP100 nuc  
:in L42 (MRPL42), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|3320000

nily 22 (organic anion transporter), member 6 (SLC22A6), transcript variant 3, mRNA;  
ie) (FUT8), transcript variant 4, mRNA; gi|332078498|ref|NR\_038167.1| Homo sapiens fucosyltransfera

IA;  
muscle (PKM2), transcript variant 2, mRNA; gi|332164776|ref|NM\_001206797.1| Homo sapiens pyruvate  
;

GSG1), transcript variant 5, mRNA; gi|332205953|ref|NM\_153823.3| Homo sapiens germ cell associated (NLGN4Y), transcript variant 5, non-coding RNA;

rin family member 2 (CAPRIN2), transcript variant 1, mRNA;  
, mRNA;

146036.2| Homo sapiens solute carrier family 14 (urea transporter), member 1 (Kidd blood group) (SLC1

: variant 5, mRNA; gi|332634625|ref|NM\_001206881.1| Homo sapiens murine retrovirus integration site  
(), transcript variant 2, mRNA;  
-cell leukemia virus type I) binding protein 1 (TAX1BP1), transcript variant 3, mRNA;

beta 3 subunit (CACNB3), transcript variant 1, mRNA;

in C) (CSPG5), transcript variant 4, mRNA; gi|332635073|ref|NM\_001206945.1| Homo sapiens chondro

thrin assembly protein (PICALM), transcript variant 4, mRNA;

ceptor (AGER), transcript variant 10, non-coding RNA; gi|332800974|ref|NM\_172197.2| Homo sapiens  
06950.1| Homo sapiens solute carrier family 16, member 3 (monocarboxylic acid transporter 4) (SLC16,

ranscript variant 3, mRNA;

ing RNA; gi|332801024|ref|NM\_001206981.1| Homo sapiens chromosome 4 open reading frame 26 (C  
iens methyltransferase like 23 (METTL23), transcript variant 7, non-coding RNA; gi|332801038|ref|NM\_

· (NR1H4), transcript variant 2, mRNA; gi|332801014|ref|NM\_001206977.1| Homo sapiens nuclear receptor subunit B, gamma (PPP2R2C), transcript variant 3, mRNA;

i|333033812|ref|NM\_001122848.2| Homo sapiens solute carrier family 6 (neurotransmitter transporter

TPN2), transcript variant 4, mRNA;

530), transcript variant 8, non-coding RNA; gi|333108247|ref|NR\_038209.1| Homo sapiens tospack (L  
ript variant 1, mRNA;

-protein coding) (ZNF503-AS1), transcript variant 4, non-coding RNA;



io sapiens beta-site APP-cleaving enzyme 1 (BACE1), transcript variant d, mRNA; gi|333440465|ref|NM.

variant 3, mRNA; gi|333440485|ref|NM\_175850.2| Homo sapiens DNA (cytosine-5-)-methyltransferase

gi|333470706|ref|NM\_001207064.1| Homo sapiens coxsackie virus and adenovirus receptor (CXADR),  
variant 1, non-coding RNA;

ref|NM\_001207041.1| Homo sapiens ets variant 7 (ETV7), transcript variant 8, mRNA; gi|333470744|r

variant 4, mRNA; gi|333609219|ref|NM\_030667.2| Homo sapiens protein tyrosine phosphatase, recept

(FAM181A), transcript variant 1, mRNA; gi|333609234|ref|NM\_001207073.1| Homo sapiens family wit

o sapiens human immunodeficiency virus type I enhancer binding protein 3 (HIVEP3), transcript variant

; protein (liprin), alpha 2 (PPFIA2), transcript variant 1, mRNA; gi|333805625|ref|NM\_001220479.1| Ho

nRNA; gi|333805651|ref|NM\_002399.3| Homo sapiens Meis homeobox 2 (MEIS2), transcript variant f,

9.1| Homo sapiens cadherin 13, H-cadherin (heart) (CDH13), transcript variant 3, mRNA; gi|333944021|

variant 6, non-coding RNA; gi|334085193|ref|NR\_038305.1| Homo sapiens uncharacterized LOC100505

\_001220776.1| Homo sapiens IKAROS family zinc finger 1 (Ikaros) (IKZF1), transcript variant 13, mRNA; g  
variant 2, non-coding RNA; gi|334085237|ref|NR\_038315.1| Homo sapiens uncharacterized LOC100505  
(N1A), transcript variant 1, mRNA;

ase 13 (MAP3K13), transcript variant 4, non-coding RNA;

NA;

RNA; gi|312922360|ref|NM\_001199262.1| Homo sapiens ubiquitin carboxyl-terminal hydrolase L5 (U

:ein coding) (MAGI2-AS3), transcript variant 3, non-coding RNA;

224586785|ref|NM\_001145457.1| Homo sapiens natural cytotoxicity triggering receptor 1 (NCR1), trar

ipt variant 1, mRNA;

at domain 20 (WDR20), transcript variant 4, mRNA; gi|334848130|ref|NM\_144574.3| Homo sapiens W

66|ref|NM\_021250.2| Homo sapiens leukocyte immunoglobulin-like receptor, subfamily A (with TM dc  
tein ligase (MGRN1), transcript variant 2, mRNA;

h hormone receptor (GHR), transcript variant 10, mRNA; gi|338753362|ref|NM\_001242401.3| Homo s

1 345 (ZNF345), transcript variant 6, non-coding RNA; gi|335057550|ref|NM\_001242474.1| Homo sapie

1 (TXNRD1), transcript variant 5, mRNA;

slation initiation factor 1A domain containing (EIF1AD), transcript variant 3, mRNA; gi|335334950|ref|N

(FAM156A), transcript variant 3, mRNA; gi|335334974|ref|NM\_001242493.1| Homo sapiens family wit

1| Homo sapiens deiodinase, iodothyronine, type II (DIO2), transcript variant 4, mRNA;

nscript variant 2, mRNA; gi|335892802|ref|NM\_001242548.1| Homo sapiens anaphase promoting cor

aining 11 (MFSD11), transcript variant 6, mRNA; gi|335892871|ref|NM\_001242534.1| Homo sapiens r

: kinase kinase kinase 4 (MAP4K4), transcript variant 3, mRNA; gi|336020357|ref|NM\_001242559.1| Hc

/variant 3, non-coding RNA; gi|336176047|ref|NR\_038414.1| Homo sapiens uncharacterized LOC100506

39L2), transcript variant 1, mRNA;

se domain containing 1 (GFOD1), transcript variant 2, mRNA; gi|336285209|ref|NM\_001242629.1| Hon

18.1 | Homo sapiens neural cell adhesion molecule 1 (NCAM1), transcript variant 4, mRNA;



eukin 31 receptor A (IL31RA), transcript variant 1, mRNA;

ipt variant 3, mRNA; gi|301601608|ref|NM\_001193484.1| Homo sapiens LIM and senescent cell antigen

!675.1 | Homo sapiens adenosylhomocysteinase-like 1 (AHCYL1), transcript variant 4, mRNA;

protein coding) (DSCAM-AS1), transcript variant 1, non-coding RNA;



!2.4| Homo sapiens low density lipoprotein receptor-related protein 8, apolipoprotein e receptor (LRP8)

+ dependent) 1-like (MTHFD1L), transcript variant 3, mRNA; gi|337756510|ref|NM\_001242769.1| Hom















molog-associated protein 1 (DLGAP1), transcript variant 5, mRNA; gi|338221672|ref|NM\_001003809.2

242775.1| Homo sapiens transmembrane protein 139 (TMEM139), transcript variant 4, mRNA; gi|338221672|ref|NM\_001003809.2

l556.2| Homo sapiens inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta (IKBKB),

ant 1, mRNA;

anscript variant 5, mRNA; gi|338753403|ref|NM\_001519.3| Homo sapiens BRF1 homolog, subunit of R

transcript variant 1, mRNA;

bromodomain, testis-specific (BRDT), transcript variant 2, mRNA; gi|338797762|ref|NM\_001242807.1

ankyrin repeat domain 6 (ANKRD6), transcript variant 3, mRNA;

(mouse) (DEF8), transcript variant 6, mRNA; gi|338797802|ref|NM\_001242822.1| Homo sapiens differ

VF41), transcript variant 1, mRNA;

variant 1, non-coding RNA; gi|338827612|ref|NR\_040052.1| Homo sapiens uncharacterized LOC100506

variant 1, non-coding RNA;

variant 4, non-coding RNA; gi|338827656|ref|NR\_040068.1| Homo sapiens uncharacterized LOC100287

G family member 4 (NDRG4), transcript variant 3, mRNA; gi|338827673|ref|NM\_001242835.1| Homo s

ger protein 195 (ZNF195), transcript variant 9, non-coding RNA; gi|378744162|ref|NM\_001256825.1|

omain containing 4 (SETD4), transcript variant 3, non-coding RNA;

t variant 1, mRNA;

ta (PRKACB), transcript variant 7, mRNA; gi|46909585|ref|NM\_182948.2| Homo sapiens protein kinase

ref|NM\_001242864.1| Homo sapiens protein arginine methyltransferase 2 (PRMT2), transcript variant :

lomo sapiens SLAIN motif family, member 1 (SLAIN1), transcript variant 1, mRNA; gi|338968859|ref|NM

iant 4, mRNA; gi|338968891|ref|NM\_001242878.1| Homo sapiens elongation protein 2 homolog (S. ce  
coding RNA; gi|338968898|ref|NM\_001242882.1| Homo sapiens carbohydrate kinase domain containi

tic L-amino acid decarboxylase) (DDC), transcript variant 4, mRNA; gi|338968920|ref|NM\_001242889.1  
iscript variant 1, mRNA; gi|338968931|ref|NM\_001242892.1| Homo sapiens cold shock domain contain

rotein 410 (ZNF410), transcript variant 6, non-coding RNA; gi|339275840|ref|NM\_021188.2| Homo sapiens

sapiens metallophosphoesterase 1 (MPPE1), transcript variant 5, non-coding RNA;

DEP domain containing 5 (DEPDC5), transcript variant 5, mRNA;  
variant 2, mRNA;

913.1| Homo sapiens zinc finger, AN1-type domain 6 (ZFAND6), transcript variant 4, mRNA; gi|3392760

8 (sodium/calcium exchanger), member 3 (SLC8A3), transcript variant g, mRNA; gi|33946307|ref|NM\_001163188.1|



NA;

script variant 1, mRNA;  
nt 4, mRNA;

script variant 1, mRNA;

omolog 2 (Drosophila) (SUV39H2), transcript variant 4, mRNA; gi|301171587|ref|NM\_001193424.1| H

ulfoltransferase family, cytosolic, 1A, phenol-preferring, member 1 (SULT1A1), transcript variant 4, mRNA;  
r 3 (PELI3), transcript variant 1, mRNA;

1, mRNA; gi|341865561|ref|NM\_001243143.1| Homo sapiens nucleolar and spindle associated protei

nt 2 (LOC100506913), miscRNA; gi|341915512|ref|XR\_110551.2| PREDICTED: Homo sapiens hypothetical

.3685|ref|XM\_003403627.1| PREDICTED: Homo sapiens cadherin-23-like, transcript variant 5 (LOC1006

it 3 (LOC100506167), miscRNA;

nt 2 (LOC100506869), miscRNA; gi|341915623|ref|XR\_132780.1| PREDICTED: Homo sapiens hypothetical

nt 1 (LOC100506792), miscRNA;

nt 1 (LOC100507520), miscRNA;

it 1 (LOC100507353), miscRNA;

it 3 (LOC100506694), miscRNA; gi|341914155|ref|XR\_133175.1| PREDICTED: Homo sapiens hypothetical

it 2 (LOC100505794), miscRNA;



it 2 (LOC100129268), miscRNA;

ED: Homo sapiens signal-regulatory protein beta-1 isoform 3-like, transcript variant 1 (LOC100653194),

it 1 (LOC100505663), miscRNA;

nt 1 (LOC100507039), miscRNA;

nt 1 (LOC100507082), miscRNA;

nt 1 (LOC100506791), miscRNA;

nt 1 (LOC100288963), miscRNA;

-containing protein 1-like (LOC100652970), mRNA; gi|341915409|ref|XR\_132530.1| PREDICTED: Homc

io sapiens KIAA0146, transcript variant 11 (KIAA0146), mRNA; gi|341914754|ref|XM\_003403808.1| PR

nt 3 (LOC100507316), miscRNA; gi|341914803|ref|XR\_133509.1| PREDICTED: Homo sapiens hypothetical

nt 2 (LOC100505993), miscRNA;

s protein FRG1-like (LOC100289097), mRNA; gi|341914900|ref|XM\_003403844.1| PREDICTED: Homo s

i|341914915|ref|XM\_003403850.1| PREDICTED: Homo sapiens HLA class II histocompatibility antigen,

it 2 (LOC100506790), miscRNA;

it 1 (LOC100506027), miscRNA; gi|341915402|ref|XR\_132540.1| PREDICTED: Homo sapiens hypothetical





it 1 (LOC100506642), miscRNA;

it 4 (LOC100506076), miscRNA;



omo sapiens hypothetical LOC100287329 (LOC100287329), miscRNA; gi|310125009|ref|XR\_110990.1|

AT repeat-containing protein 7A-like, transcript variant 1 (LOC100652949), mRNA;



), miscRNA; gi|341913748|ref|XR\_132966.1| PREDICTED: Homo sapiens hypothetical LOC100507645 (L

31.2| PREDICTED: Homo sapiens hypothetical LOC100288366, transcript variant 2 (LOC100288366), mis

it 3 (LOC100507065), miscRNA;

it 2 (LOC100128108), miscRNA;

it 1 (LOC100506983), miscRNA;

4.1 | PREDICTED: Homo sapiens hypothetical LOC100507419 (LOC100507419), miscRNA;

U; gi|341915801|ref|XR\_132633.1| PREDICTED: Homo sapiens hypothetical LOC645722, transcript varia





mRNA; gi|310124318|ref|XM\_003119217.1| PREDICTED: Homo sapiens zinc finger protein 26-like, tra

it 2 (LOC100506201), miscRNA;

0125019|ref|XM\_003119327.1| PREDICTED: Homo sapiens killer cell immunoglobulin-like receptor 2DL4-like (LOC100287534), mRNA;

0125019|ref|XM\_003119327.1| PREDICTED: Homo sapiens killer cell immunoglobulin-like receptor 2DL4-like (LOC100287534), mRNA;

0125019|ref|XM\_003119327.1| PREDICTED: Homo sapiens HLA class II histocompatibility antigen, DQ  $\alpha$

016321|ref|XM\_003403414.1| PREDICTED: Homo sapiens killer cell immunoglobulin-like receptor, two c

L18926.1 | PREDICTED: Homo sapiens golgin A6 family-like, transcript variant 2 (LOC645202), mRNA;

64 | ref | NM\_139353.2 | Homo sapiens TATA box binding protein (TBP)-associated factor, RNA polymerase II transcription factor 1, mRNA;

3177.1 | Homo sapiens aldolase A, fructose-bisphosphate (ALDOA), transcript variant 6, mRNA;

65.2 | Homo sapiens ECSIT homolog (Drosophila) (ECSIT), nuclear gene encoding mitochondrial protein, 1  
icity-responsive (NFAT5), transcript variant 5, mRNA; gi|342672015|ref|NM\_173214.2| Homo sapiens r

4), transcript variant 1, mRNA; gi|342672068|ref|NM\_001243232.1| Homo sapiens transcription factor

0724.1 | Homo sapiens RNA binding motif protein 39 (RBM39), transcript variant 7, non-coding RNA; gi|3

e) (NPRL3), transcript variant 5, mRNA; gi|342837742|ref|NM\_001243247.1| Homo sapiens nitrogen p

ript variant 4, non-coding RNA; gi|343098506|ref|NR\_040762.1| Homo sapiens Zic family member 4 (Z

er 3 (ACSF3), transcript variant 6, non-coding RNA; gi|343168766|ref|NM\_001243279.1| Homo sapien:  
ant 3, mRNA;

RNA; gi|343183396|ref|NM\_012410.3| Homo sapiens seizure related 6 homolog (mouse)-like 2 (SEZ6L2

3013.2 | Homo sapiens cAMP responsive element modulator (CREM), transcript variant 19, mRNA; gi | 34

ens kinesin family member 13A (KIF13A), transcript variant 1, mRNA;  
perm antigen with calponin homology and coiled-coil domains 1 (SPECC1), transcript variant 6, mRNA; g

f|NM\_001243519.1| Homo sapiens estrogen-related receptor gamma (ESRRG), transcript variant 17, m

Homo sapiens interleukin 15 receptor, alpha (IL15RA), transcript variant 1, mRNA;

43790973|ref|NM\_001001395.2| Homo sapiens LIM domain only 3 (rhombotin-like 2) (LMO3), transcri  
oside diphosphate linked moiety X)-type motif 7 (NUDT7), transcript variant 4, mRNA;  
RNA;  
nse RNA 1 (non-protein coding) (C17orf76-AS1), transcript variant 3, non-coding RNA; gi|224548977|ref

containing 1 (LETMD1), transcript variant 4, non-coding RNA; gi|344030199|ref|NR\_045019.1| Homo sa

sed 264 (TEX264), transcript variant 6, mRNA; gi|193788627|ref|NM\_015926.4| Homo sapiens testis ex  
A; gi|344030227|ref|NR\_024016.2| Homo sapiens chromosome 3 open reading frame 55 (C3orf55), tr

o sapiens retinoic acid receptor, gamma (RARG), transcript variant 5, mRNA;

gi|344217734|ref|NM\_001243764.1| Homo sapiens RAB GTPase activating protein 1-like (RABGAP1L),

i|344217766|ref|NM\_001243752.1| Homo sapiens chromosome 7 open reading frame 49 (C7orf49), tr

1 homolog A (C. elegans) (APH1A), transcript variant 3, mRNA; gi|344313185|ref|NM\_001243772.1| Hi

er A (FAM213A), transcript variant 3, mRNA; gi|344925833|ref|NM\_001243781.1| Homo sapiens family

IA;

s single-strand-selective monofunctional uracil-DNA glycosylase 1 (SMUG1), transcript variant 3, mRNA;

01243798.1| Homo sapiens TSC22 domain family, member 1 (TSC22D1), transcript variant 4, mRNA;

90998|ref|NM\_018684.3| Homo sapiens zinc finger, C4H2 domain containing (ZC4H2), transcript varian



ion factor, RNA polymerase I (UBTF), transcript variant 3, mRNA;

tein D52-like 2 (TPD52L2), transcript variant 10, mRNA; gi|345197255|ref|NM\_003288.3| Homo sapiens

IK2), transcript variant 5, mRNA;

ens phosphoribosyl pyrophosphate synthetase-associated protein 2 (PRPSAP2), transcript variant 3, mRNA;  
protein ligase (NEDD4L), transcript variant g, mRNA; gi|222352081|ref|NM\_001144965.1| Homo sapiens  
ng finger protein 146 (RNF146), transcript variant 4, mRNA; gi|338827739|ref|NM\_001242852.1| Homo sapiens

transcript variant 5, mRNA; gi|371933012|ref|NR\_045901.1| Homo sapiens chromosome 15 open reading frame

Homo sapiens EGF-like-domain, multiple 7 (EGFL7), transcript variant 1, mRNA;

osis viral oncogene homolog A (avian) (RELA), transcript variant 4, mRNA;

gi|345842467|ref|NM\_012142.4| Homo sapiens cyclin D-type binding-protein 1 (CCNDBP1), transcript v

it 4, mRNA;

omo sapiens activating transcription factor 3 (ATF3), transcript variant 4, mRNA; gi|346223457|ref|NM\_

l6644662|ref|NM\_001244190.1| Homo sapiens KIAA0586 (KIAA0586), transcript variant 2, mRNA;

zyme) 1 (APEX1), transcript variant 4, mRNA;

5, mRNA; gi|346716178|ref|NM\_139346.2| Homo sapiens bridging integrator 1 (BIN1), transcript vari  
osphate linked moiety X)-type motif 2 (NUDT2), transcript variant 2, mRNA;

|ref|NM\_005173.3| Homo sapiens ATPase, Ca++ transporting, ubiquitous (ATP2A3), transcript variant 1

U\_197967.2| Homo sapiens BH3 interacting domain death agonist (BID), transcript variant 3, mRNA; gi|

61010.2| Homo sapiens armadillo repeat containing 10 (ARMC10), transcript variant C, mRNA; gi|34744

: 5, mRNA; gi|348605218|ref|NM\_001244808.1| Homo sapiens forkhead box P1 (FOXP1), transcript va

4EK1), transcript variant 4, mRNA; gi|349501062|ref|NR\_045204.1| Homo sapiens checkpoint kinase 1

or (CD64) (FCGR1B), transcript variant 4, non-coding RNA;

2180|ref|NM\_001163788.2| Homo sapiens polypyrimidine tract binding protein 3 (PTBP3), transcript va

ons FERM domain containing 3 (FRMD3), transcript variant 5, mRNA;

ant 1, mRNA; gi|100913193|ref|NM\_001040665.1| Homo sapiens STEAP family member 2, metallored

n factor) (NFIC), transcript variant 5, mRNA; gi|350529400|ref|NM\_001245004.1| Homo sapiens nucle

s recombination signal binding protein for immunoglobulin kappa J region (RBPJ), transcript variant 4, m

n), alpha 1 (PPFIA1), transcript variant 3, non-coding RNA;

nains, subfamily A, member 6A (MS4A6A), transcript variant 4, mRNA;

ranslocator-like 2 (ARNTL2), transcript variant 1, mRNA; gi|351721479|ref|NM\_001248004.1| Homo s:

ot variant 3, mRNA;

phosphoprotein 1 (SPP1), transcript variant 3, mRNA;

R5), transcript variant 5, mRNA; gi|353411949|ref|NM\_001251852.1| Homo sapiens phosphoinositide-

i|196115237|ref|NM\_004624.3| Homo sapiens vasoactive intestinal peptide receptor 1 (VIPR1), transc

(NR1H3), transcript variant 5, mRNA; gi|353731056|ref|NM\_001130102.2| Homo sapiens nuclear recep

ant 3, mRNA;

RNA; gi|354459347|ref|NM\_015646.5| Homo sapiens RAP1B, member of RAS oncogene family (RAP1B

nily member 3 (RCAN3), transcript variant 3, mRNA; gi|354623071|ref|NM\_001251980.1| Homo sapien  
nce to inhibitors of cholinesterase 3 homolog (C. elegans) (RIC3), transcript variant 1, mRNA; gi|3545488

;

.74749|ref|NM\_020642.3| Homo sapiens A kinase (PRKA) interacting protein 1 (AKIP1), transcript varia

rsin family 2, member A (TOR2A), transcript variant 5, mRNA; gi|354721137|ref|NM\_001252018.1| Ho  
sapiens transient receptor potential cation channel, subfamily M, member 1 (TRPM1), transcript variant

t 4, mRNA;

)-aspartate) O-methyltransferase (PCMT1), transcript variant 1, mRNA; gi|354983500|ref|NM\_0012520

39A3R2), transcript variant 2, mRNA; gi|355330271|ref|NM\_001252076.1| Homo sapiens solute carrier

| Homo sapiens muscle RAS oncogene homolog (MRAS), transcript variant 2, mRNA; gi|355390296|ref|

transcript variant 4, mRNA; gi|355477261|ref|NM\_001252119.1| Homo sapiens PAS domain containing seri

ansporter), member 9 (SLC39A9), transcript variant 5, mRNA; gi|356460991|ref|NM\_018375.4| Homo

l69A), transcript variant 4, mRNA; gi|356582444|ref|NM\_001252269.1| Homo sapiens family with sequ

U0265856|ref|NM\_001168376.1| Homo sapiens KIAA0319 (KIAA0319), transcript variant 4, mRNA;

on chromosome 22 (WBSCR22), transcript variant 1, mRNA;

Homo sapiens TNFAIP3 interacting protein 1 (TNIP1), transcript variant 3, mRNA; gi|356874785|ref|NM\_001253380.1| Homo sapiens TNFAIP3 interacting protein 1 (TNIP1), transcript variant 3, mRNA;

Homo sapiens sterol O-acyltransferase 1 (SOAT1), transcript variant 4, non-coding RNA;

phosphodiesterase 2 (ENPP2), transcript variant 2, mRNA;  
solute carrier family 8 (sodium/calcium exchanger), member 1 (SLC8A1), transcript variant B, mRNA; gi|16391432|ref|NM\_001253380.1| Homo sapiens solute carrier family 8 (sodium/calcium exchanger), member 1 (SLC8A1), transcript variant B, mRNA;

transcript variant 3, non-coding RNA;

PTB domain containing 1 (GULP1), transcript variant 2, mRNA; gi|358030328|ref|NM\_016315.3| Homo sapiens PTB domain containing 1 (GULP1), transcript variant 2, mRNA;  
acyl-CoA synthetase short-chain family member 1 (ACSS1), nucleotide subunit 1 (ASCC1), transcript variant 4, mRNA;

5 (RPL15), transcript variant 5, mRNA; gi|358356397|ref|NM\_001253380.1| Homo sapiens ribosomal protein L15 (RPL15), transcript variant 5, mRNA;

diacylglycerol glycoprotein 1 (DAG1), transcript variant 3, mRNA; gi|358438205|ref|NM\_001177643.2| Homo sapiens diacylglycerol glycoprotein 1 (DAG1), transcript variant 3, mRNA;  
cell adhesion molecule with homology to L1CAM (close homolog of L1) (CHL1), transcript variant 4, mRNA; gi|16391432|ref|NM\_001253389.1| Homo sapiens inositol-3-phosphate synthase 1 (ISYNA1), transcript variant 4, mRNA;



82165809|ref|NM\_001170416.1| Homo sapiens tight junction protein 2 (zona occludens 2) (TJP2), tra  
erbb2 interacting protein (ERBB2IP), transcript variant 7, mRNA; gi|358679322|ref|NM\_001253701.1|

transcript variant 5, mRNA;  
transcript variant 1, mRNA; gi|359279889|ref|NR\_045583.1| Homo sapiens relaxin/insulin-like family p

rotein 331 (ZNF331), transcript variant 4, mRNA; gi|359385735|ref|NM\_001253798.1| Homo sapiens zi

amily 52, riboflavin transporter, member 2 (SLC52A2), transcript variant 3, mRNA;

rase 14 (GalNAc-T14) (GALNT14), transcript variant 3, mRNA; gi|359465586|ref|NR\_045602.1| Homo s  
ig 1 (PTPDC1), transcript variant 2, mRNA;

on inhibitor 1 (VTCN1), transcript variant 3, mRNA; gi|359718948|ref|NR\_045604.1| Homo sapiens V-s

is aldo-keto reductase family 1, member C2 (dihydrodiol dehydrogenase 2; bile acid binding protein; 3-a

ript variant 4, mRNA; gi|359806891|ref|NM\_001253901.1| Homo sapiens mesoderm specific transcript

ript variant 2, mRNA;

P6, BUB2, cdc16) domain family, member 1 (TBC1D1), transcript variant 4, mRNA; gi|359807029|ref|NM

|ref|NM\_001254720.1| Homo sapiens myosin binding protein C, slow type (MYBPC1), transcript varian

ubunit (AP4S1), transcript variant 5, mRNA; gi|361050337|ref|NM\_001254729.1| Homo sapiens adapt

Homo sapiens sperm antigen with calponin homology and coiled-coil domains 1-like (SPECC1L), transcri

iant 2, mRNA;

mRNA; gi|212286178|ref|NM\_001137605.1| Homo sapiens parvin, gamma (PARVG), transcript variant

254749.1| Homo sapiens regulator of G-protein signaling 5 (RGS5), transcript variant 4, mRNA;

iens ubiquinol-cytochrome c reductase binding protein (UQCRB), transcript variant 2, mRNA;

1002755.2| Homo sapiens NFU1 iron-sulfur cluster scaffold homolog (S. cerevisiae) (NFU1), nuclear gen

rase 4 (ST3GAL4), transcript variant 3, mRNA;

nt regulator of chromatin, subfamily a, containing DEAD/H box 1 (SMARCAD1), transcript variant 5, non-

lrogen induced 1 (PMEPA1), transcript variant 2, mRNA; gi|364023810|ref|NM\_199170.2| Homo sapien

3-like 4 (CREB3L4), transcript variant 5, mRNA; gi|364023832|ref|NR\_045658.1| Homo sapiens cAMP r

M\_001255989.1| Homo sapiens collectin sub-family member 11 (COLEC11), transcript variant 10, mRN/

lomo sapiens PSMC3 interacting protein (PSMC3IP), transcript variant 8, non-coding RNA; gi|36519254:

ipt variant 6, non-coding RNA; gi|365192568|ref|NM\_153262.3| Homo sapiens synaptotagmin XIV (SY

LA8), transcript variant 6, mRNA; gi|365192572|ref|NM\_001256007.1| Homo sapiens patatin-like pho

racellular channel 5 (CLIC5), transcript variant 4, non-coding RNA; gi|365733563|ref|NR\_045674.1| Hor

i|365733564|ref|NM\_021226.3| Homo sapiens Rho GTPase activating protein 22 (ARHGAP22), transcri

RNA;

iant 2, mRNA; gi|365777418|ref|NR\_045691.1| Homo sapiens chromosome 19 open reading frame 12

BC3), transcript variant 3, mRNA;

omo sapiens kallikrein-related peptidase 2 (KLK2), transcript variant 1, mRNA;

5093.1 | Homo sapiens activating transcription factor 2 (ATF2), transcript variant 5, mRNA; gi|37111904:

IA; gi|370879165|ref|NM\_199044.3 | Homo sapiens NOP2/Sun domain family, member 4 (NSUN4), trar

t variant 2, mRNA; gi|187830893|ref|NM\_001126115.1 | Homo sapiens tumor protein p53 (TP53), tran

eracting protein 2 (ATF7IP2), transcript variant 3, non-coding RNA;  
variant 2, mRNA;

i 85 (ZNF85), transcript variant 3, mRNA;

1, mRNA;

04|ref|NR\_045926.1| Homo sapiens post-GPI attachment to proteins 2 (PGAP2), transcript variant 14, i  
cript variant 1, mRNA; gi|371877753|ref|NR\_028407.2| Homo sapiens armadillo repeat containing, X-li

riant 1, mRNA;

nodule containing, mucin-like, hormone receptor-like 1 (EMR1), transcript variant 2, mRNA; gi|3722660:

ranscript variant 4, mRNA; gi|372266133|ref|NM\_001145727.2| Homo sapiens intermediate filament t

/visual system homeobox 1 (VSX1), transcript variant 2, mRNA; gi|372266238|ref|NM\_001256271.1| Ho

: alpha motif containing 1 (LRSAM1), transcript variant 1, mRNA;

7, mRNA; gi|372624404|ref|NM\_033147.3| Homo sapiens dystrobrevin, beta (DTNB), transcript variant 1, mRNA; gi|372624403|ref|NM\_033147.3| Homo sapiens dystrobrevin, beta (DTNB), transcript variant 2, mRNA; gi|372626422|ref|NM\_001256307.1| Homo sapiens hydroxyprostaglandin synthase 2, mRNA; gi|372626421|ref|NM\_001256307.1| Homo sapiens hydroxyprostaglandin synthase 2, transcript variant 2, mRNA

; thiamine triphosphatase (THTPA), transcript variant 3, non-coding RNA; gi|366039939|ref|NM\_024328

1-like (CHD1L), transcript variant 6, non-coding RNA; gi|373432616|ref|NM\_024568.2| Homo sapiens c

46.1| Homo sapiens sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmemb  
373432683|ref|NM\_001256355.1| Homo sapiens ubiquitin-conjugating enzyme E2L 3 (UBE2L3), transcr

NR\_046159.1 | Homo sapiens uncharacterized LOC256021 (LOC256021), transcript variant 5, non-coding

channel, voltage-dependent, T type, alpha 1G subunit (CACNA1G), transcript variant 28, mRNA; gi|37383

1 (MKNK1), transcript variant 6, non-coding RNA; gi|373938425|ref|NM\_003684.5| Homo sapiens MA

ript variant 1, mRNA;

mo sapiens ELOVL fatty acid elongase 1 (ELOVL1), transcript variant 1, mRNA;

ed protein, RP/EB family, member 2 (MAPRE2), transcript variant 1, mRNA; gi|374081841|ref|NR\_0461  
ta-carotene oxygenase 2 (BCO2), transcript variant 4, mRNA;

74081855|ref|NM\_001256411.1| Homo sapiens RAB18, member RAS oncogene family (RAB18), transc  
ar gene encoding mitochondrial protein, transcript variant 3, mRNA; gi|344179095|ref|NM\_022745.4| I

1, member A2 (FAM91A2), transcript variant 5, non-coding RNA; gi|374088102|ref|NR\_046137.1| Hon

ranscript variant 3, mRNA;

ind LIM domain 5 (PDLIM5), transcript variant 8, mRNA; gi|374093209|ref|NM\_001256427.1| Homo sa

cript variant 3, mRNA; gi|356995905|ref|NM\_015872.3| Homo sapiens zinc finger and BTB domain cor

74253805|ref|NM\_001130683.3| Homo sapiens guanylate cyclase 1, soluble, alpha 3 (GUCY1A3), trans

-like (CPSF3L), transcript variant 4, mRNA; gi|374253827|ref|NM\_001256463.1| Homo sapiens cleavag

e monophosphate (UMP-CMP) kinase 2, mitochondrial (CMPK2), nuclear gene encoding mitochondrial p

4, mRNA;

) (FGD5-AS1), transcript variant 4, non-coding RNA; gi|374532810|ref|NR\_046252.1| Homo sapiens FG

adhesion molecule 2 (CADM2), transcript variant 6, mRNA; gi|264681532|ref|NM\_001167674.1| Homo



omo sapiens single-stranded DNA binding protein 1 (SSBP1), nuclear gene encoding mitochondrial prote

i 74 (ZNF74), transcript variant 3, mRNA;

variant 1, non-coding RNA;

7331|ref|NM\_001256533.1| Homo sapiens misato homolog 1 (Drosophila) (MSTO1), transcript variant  
ondrial protein, transcript variant 1, mRNA; gi|374717342|ref|NM\_001256534.1| Homo sapiens solute

vl\_001256547.1| Homo sapiens transmembrane protein 126B (TMEM126B), transcript variant 4, mRNA  
o sapiens polycomb group ring finger 5 (PCGF5), transcript variant 5, non-coding RNA;

osomal organelles complex-1, subunit 2 (BLOC1S2), transcript variant 4, non-coding RNA;

) (ENC1), transcript variant 4, mRNA; gi|375268725|ref|NR\_046318.1| Homo sapiens ectodermal-neurc

A;

Homo sapiens tripartite motif containing 46 (TRIM46), transcript variant 6, non-coding RNA; gi|375298698|ref|NM\_001256608.1| Homo sapiens chromosome 1 open reading frame 85 (C1orf85), transcript variant 3, mRNA; gi|47519912|ref|NM\_182589.2| Homo sapiens

UBGCP2), transcript variant 2, mRNA;

RNA; gi|375298732|ref|NM\_001256621.1| Homo sapiens chromosome 10 open reading frame 28 (C10orf28), transcript variant 2, mRNA;

sapiens BR serine/threonine kinase 2 (BRSK2), transcript variant 5, non-coding RNA; gi|375298746|ref|NM\_001256621.1| Homo sapiens

ZNF43), transcript variant 6, mRNA; gi|375331902|ref|NM\_001256654.1| Homo sapiens zinc finger protein 43 (ZNF43), transcript variant 6, mRNA; gi|375331919|ref|NM\_001256654.1| Homo sapiens TEA domain family member 2 (TEAD2), transcript variant 4, mRNA; gi|375331919|ref|NM\_001256654.1| Homo sapiens TEA domain family member 2 (TEAD2), transcript variant 2, mRNA;

tin (EPB72)-like 1 (STOML1), transcript variant 3, mRNA; gi|375493508|ref|NM\_001256676.1| Homo sapiens

A; gi|375493539|ref|NM\_001256690.1| Homo sapiens maternal embryonic leucine zipper kinase (MELK), transcript variant 2, mRNA; gi|375493554|ref|NM\_001256699.1| Homo sapiens chromosome 9 open reading frame 10 (C9orf10), transcript variant 2, mRNA;

ceptor, rho 1 (GABRR1), transcript variant 2, mRNA;

script variant 4, mRNA; gi|375493581|ref|NM\_014885.4| Homo sapiens anaphase promoting complex subunit 1 (APC1), transcript variant 4, mRNA;

NM\_198043.1 | Homo sapiens zinc finger, DHHC-type containing 16 (ZDHHC16), transcript variant 2, mRNA

7.1 | Homo sapiens ubiquitin specific peptidase 39 (USP39), transcript variant 4, mRNA; gi|376319205|ref|NM\_001256732.1 | Homo sapiens single-stranded DNA binding protein 2 (SSBP2), transcript variant 5, mRNA

319223 | ref|NM\_001256732.1 | Homo sapiens single-stranded DNA binding protein 2 (SSBP2), transcript variant 5, mRNA; gi|376319205|ref|NM\_001256732.1 | Homo sapiens single-stranded DNA binding protein 2 (SSBP2), transcript variant 5, mRNA

l, transcript variant 3, mRNA;

NA;

ref|NM\_001256755.1| Homo sapiens peroxisomal biogenesis factor 5-like (PEX5L), transcript variant 7,

M49B), transcript variant 5, non-coding RNA; gi|377520142|ref|NM\_001256763.1| Homo sapiens fami

ted ion channel, 4 (P2RX4), transcript variant 2, mRNA;

in coding) (MRVI1-AS1), transcript variant 4, non-coding RNA;

18|ref|NM\_001256809.1| Homo sapiens glutamate receptor, metabotropic 4 (GRM4), transcript variant

IA;

domain containing 1 (QTRTD1), transcript variant 2, mRNA;

it 1, mRNA;

associated factor 1 (XAF1), transcript variant 2, mRNA;

; gi|379046943|ref|NM\_021173.4| Homo sapiens polymerase (DNA-directed), delta 4 (POLD4), transcr

D), transcript variant 1, mRNA;

int 4, mRNA; gi|379643027|ref|NR\_046427.1| Homo sapiens chromosome 1 open reading frame 86 (C

01256968.1| Homo sapiens coiled-coil domain containing 51 (CCDC51), transcript variant 6, mRNA; gi|3  
script variant 5, mRNA; gi|380034210|ref|NR\_046432.1| Homo sapiens chromosome 12 open reading f

io sapiens smg-6 homolog, nonsense mediated mRNA decay factor (C. elegans) (SMG6), transcript varia

1), transcript variant delta, mRNA; gi|380254458|ref|NM\_001257119.1| Homo sapiens caspase 1, apo

, nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA;

t 1, non-coding RNA;

:LR pseudogene (LOC374443), transcript variant 2, non-coding RNA; gi|380422406|ref|NR\_046451.1| H

), transcript variant 2, mRNA; gi|380503829|ref|NM\_007242.5| Homo sapiens DEAD (Asp-Glu-Ala-Asp)

ant 3, mRNA;

troosomal protein 41kDa (CEP41), transcript variant 5, non-coding RNA;

380692329|ref|NR\_046455.1| Homo sapiens uncharacterized LOC284260 (LOC284260), transcript varia

4934.1| Homo sapiens fibroblast growth factor 1 (acidic) (FGF1), transcript variant 5, mRNA; gi|3807489

it 2, mRNA; gi|270288805|ref|NM\_001168411.1| Homo sapiens regulating synaptic membrane exocyt

)-like 2 (DIS3L2), transcript variant 1, mRNA; gi|381214355|ref|NR\_046476.1| Homo sapiens DIS3 mito

3| Homo sapiens amyloid beta (A4) precursor protein-binding, family B, member 1 (Fe65) (APBB1), trans



, alpha subunit 1, cardiac muscle (ATP5A1), transcript variant 5, mRNA; gi|382546008|ref|NM\_004046.

383209657|ref|NM\_001257360.1| Homo sapiens adenosine monophosphate deaminase 2 (AMPD2), tr

:G3), transcript variant 16, non-coding RNA; gi|381140034|ref|NR\_046472.1| Homo sapiens maternally

59|ref|NM\_198436.1| Homo sapiens aurora kinase A (AURKA), transcript variant 5, mRNA;

383276547|ref|NR\_047525.1| Homo sapiens uncharacterized LOC643837 (LOC643837), transcript varia

f|NM\_148416.2| Homo sapiens ataxin 2-like (ATXN2L), transcript variant E, mRNA;  
iRNA;

omo sapiens IKAROS family zinc finger 3 (Aiolos) (IKZF3), transcript variant 5, mRNA; gi|383872611|ref|

nscrip variant a, mRNA; gi|38424078|ref|NM\_198707.1| Homo sapiens hydroxysteroid (11-beta) dehy

gi|38505187|ref|NM\_198719.1| Homo sapiens prostaglandin E receptor 3 (subtype EP3) (PTGER3), tr

carboxylase alpha (ACACA), transcript variant 3, mRNA;



; gi|382545441|ref|NM\_001257331.1| Homo sapiens arrestin, beta 2 (ARRB2), transcript variant 6, mR

variant 3, mRNA;

ate linked moiety X)-type motif 1 (NUDT1), transcript variant 3B, mRNA; gi|40288277|ref|NM\_198949.:

pressed (TNFRSF1A modulator) (BRE), transcript variant 4, mRNA; gi|40353760|ref|NM\_199191.1| Hor



Thyocyte nuclear protein 1 (THYN1), transcript variant 3, mRNA;

|ref|NM\_000445.3| Homo sapiens plectin (PLEC), transcript variant 1, mRNA; gi|47607493|ref|NM\_20

lex, assembly factor 3 (NDUFAF3), nuclear gene encoding mitochondrial protein, transcript variant 1, mF

f|NM\_201515.1| Homo sapiens periphilin 1 (PPHLN1), transcript variant 2, mRNA; gi|219842243|ref|N

omo sapiens neuropilin 2 (NRP2), transcript variant 2, mRNA;

mRNA; gi|42544141|ref|NM\_202494.1| Homo sapiens GIPC PDZ domain containing family, member 1

2), transcript variant 7, mRNA; gi|42544214|ref|NM\_016250.2| Homo sapiens NDRG family member 2

mo sapiens ribonuclease/angiogenin inhibitor 1 (RNH1), transcript variant 4, mRNA; gi|351542194|ref|

ontaining 7 (TRIM7), transcript variant 6, mRNA; gi|44680125|ref|NM\_203295.1| Homo sapiens triparti











OSCAR), transcript variant 5, mRNA;

7, member 7 (MS4A7), transcript variant 2, mRNA;

2, mRNA; gi|46249368|ref|NM\_206954.1| Homo sapiens preferentially expressed antigen in melanoma;

og (avian) (MYB), transcript variant 8, mRNA; gi|194328726|ref|NM\_001130172.1| Homo sapiens v-my

it variant 2, mRNA;

9557|ref|NM\_207046.1| Homo sapiens endosulfine alpha (ENSA), transcript variant 6, mRNA; gi|46389

.1 | Homo sapiens muscleblind-like splicing regulator 1 (MBNL1), transcript variant 4, mRNA; gi|4641117

number 1 (ABCG1), transcript variant 2, mRNA; gi|46592963|ref|NM\_207627.1| Homo sapiens ATP-binding

07191.1 | Homo sapiens ADAM metalloproteinase domain 15 (ADAM15), transcript variant 1, mRNA; gi|4

sapiens fibronectin 1 (FN1), transcript variant 7, mRNA;

2, mRNA;

), transcript variant A1, mRNA;



U01001390.1 | Homo sapiens CD44 molecule (Indian blood group) (CD44), transcript variant 3, mRNA; gi|

ise 9A (PDE9A), transcript variant 8, mRNA; gi|48762749|ref|NM\_001001583.1| Homo sapiens phosph





(ARL6IP4), transcript variant 2, mRNA;

1, mRNA; gi|50409788|ref|NM\_001002248.1| Homo sapiens anaphase promoting complex subunit 11

|\_001160104.1| Homo sapiens zinc finger CCCH-type containing 14 (ZC3H14), transcript variant 6, mRNA  
is Kv channel interacting protein 2 (KCNIP2), transcript variant 3, mRNA; gi|50557652|ref|NM\_173197.







y d, member 3 (SMARCD3), transcript variant 1, mRNA;  
transcript variant 2, mRNA; gi|51477711|ref|NM\_031370.2| Homo sapiens heterogeneous nuclear ribonu

nit F6 (ATP5J), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|51479138|re

VA;

M\_183246.1| Homo sapiens phosphatase and actin regulator 3 (PHACTR3), transcript variant 3, mRNA;

betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 5 (B3GALT5), transcript variant 5, mRNA; gi|154

er A (FAM193A), transcript variant 2, mRNA; gi|375331937|ref|NR\_046336.1| Homo sapiens family wit









58673|ref|NM\_015090.3| Homo sapiens neurofascin (NFASC), transcript variant 4, mRNA;









001006626.1 | Homo sapiens cholinergic receptor, muscarinic 2 (CHRM2), transcript variant 3, mRNA; gi

\_001007068.1 | Homo sapiens syndecan binding protein (syntenin) (SDCBP), transcript variant 3, mRNA;

{NA;

s transient receptor potential cation channel, subfamily M, member 3 (TRPM3), transcript variant 5, mR

POZ protein (SPOP), transcript variant 3, mRNA; gi|56119172|ref|NM\_003563.3| Homo sapiens speckle

NM\_001164475.1 | Homo sapiens solute carrier family 41, member 3 (SLC41A3), transcript variant 5, m





I carrier; phosphate carrier), member 25 (SLC25A25), nuclear gene encoding mitochondrial protein, tran

kinase associated protein 1 (MAPKAP1), transcript variant 6, mRNA; gi|56788408|ref|NM\_024117.3| Hi

{NA;



555 (ZNF655), transcript variant 1, mRNA; gi|58331263|ref|NM\_001009960.1| Homo sapiens zinc finger

-D11), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|223941838|ref|NM

iber 1 (HERPUD1), transcript variant 2, mRNA;

scatter factor) (HGF), transcript variant 2, mRNA; gi|58533166|ref|NM\_001010934.1| Homo sapiens h

omain containing 7 (CHCHD7), transcript variant 6, mRNA; gi|64464337|ref|NM\_024300.3| Homo sapie





NM\_001012633.1 | Homo sapiens interleukin 32 (IL32), transcript variant 4, mRNA; gi|61658631|ref|NM

lymphocyte-specific protein 1 (LSP1), transcript variant 5, mRNA;

s KRIT1, ankyrin repeat containing (KRIT1), transcript variant 2, mRNA;

sapiens F-box and WD repeat domain containing 7, E3 ubiquitin protein ligase (FBXW7), transcript varian







script variant 1, mRNA; gi|62526020|ref|NM\_015921.2| Homo sapiens cutA divalent cation tolerance h

specific membrane antigen) 1 (FOLH1), transcript variant 3, mRNA; gi|4758397|ref|NM\_004476.1| Hor

M\_001015891.1 | Homo sapiens TAF9 RNA polymerase II, TATA box binding protein (TBP)-associated fac

egulator of G-protein signaling 3 (RGS3), transcript variant 5, mRNA; gi|114155126|ref|NM\_144488.4|

ranscript variant 3, mRNA; gi|62912461|ref|NM\_001017364.1 | Homo sapiens complement component



l1), transcript variant 4, mRNA; gi|63252903|ref|NM\_001018008.1| Homo sapiens tropomyosin 1 (alph

script variant 4, mRNA; gi|311078514|ref|NM\_181333.3| Homo sapiens proline rich 5 (renal) (PRR5), tr  
cerevisiae) (VPS13A), transcript variant A, mRNA;

04265.1 | Homo sapiens nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor) (NR:

001024212.1 | Homo sapiens S100 calcium binding protein A13 (S100A13), transcript variant 4, mRNA;

1, mRNA; gi|66932924|ref|NM\_001020819.1 | Homo sapiens myeloid-associated differentiation marke



ipt variant 5, mRNA; gi|67089155|ref|NM\_033239.2| Homo sapiens promyelocytic leukemia (PML), tra



ariant 3, mRNA; gi|68509939|ref|NM\_001025101.1| Homo sapiens myelin basic protein (MBP), transcr

68800010|ref|NM\_001025236.1| Homo sapiens tetraspanin 4 (TSPAN4), transcript variant 4, mRNA; gi

mRNA; gi|70906424|ref|NM\_000480.2| Homo sapiens adenosine monophosphate deaminase 3 (AMPD

chromosomal region gene 1 (AMMECR1), transcript variant 2, mRNA;



1 | Homo sapiens hepatocyte nuclear factor 4, alpha (HNF4A), transcript variant 5, mRNA; gi|31077204|



iscript variant gamma, mRNA;



495.2 | Homo sapiens polyglutamine binding protein 1 (PQBP1), transcript variant 7, mRNA; gi|7402725

226 (ZNF226), transcript variant 1, mRNA;

VIPI2), transcript variant 1, mRNA; gi|75677338|ref|NM\_016003.3| Homo sapiens WD repeat domain, |

|ref|NM\_001033574.1| Homo sapiens archaelysin family metallopeptidase 2 (AMZ2), transcript variant 1B), transcript variant 5, mRNA; gi|75758173|ref|NM\_002706.4| Homo sapiens protein phosphatase, N



no sapiens pyrophosphatase (inorganic) 2 (PPA2), nuclear gene encoding mitochondrial protein, transcr

1\_001034955.1 | Homo sapiens sorbin and SH3 domain containing 1 (SORBS1), transcript variant 4, mRNA

piens Kv channel interacting protein 4 (KCNIP4), transcript variant 2, mRNA; gi|78190485|ref|NM\_001001001.1|

bunit C, integral membrane protein, 15kDa (SDHC), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|123456789|ref|NM\_001001001.1|

ila) (STAU1), transcript variant T4, mRNA; gi|82659090|ref|NM\_001037328.1| Homo sapiens staufer,





VA; gi|114520614|ref|NM\_001954.4| Homo sapiens discoidin domain receptor tyrosine kinase 1 (DDR1

apiens beta-1,3-N-acetylgalactosaminyltransferase 1 (globoside blood group) (B3GALNT1), transcript va







590|ref|NM\_197947.2| Homo sapiens C-type lectin domain family 7, member A (CLEC7A), transcript va

superfamily, member 25 (TNFRSF25), transcript variant 4, mRNA; gi|23200030|ref|NM\_148970.1| Hom

riant 3, mRNA;



ef|NM\_175625.2| Homo sapiens RAB3A interacting protein (rabin3) (RAB3IP), transcript variant beta 2,



|ref|NM\_139008.2| Homo sapiens hemochromatosis (HFE), transcript variant 8, mRNA; gi|91718881|r

2A, mRNA;

VA; gi|93102390|ref|NM\_001040160.1| Homo sapiens chromosome 16 open reading frame 13 (C16orf

352.1| Homo sapiens sparc/osteonectin, cwcw and kazal-like domains proteoglycan (testican) 3 (SPOCK3)  
lpeptide 3-beta-N-acetylglucosaminyltransferase (LFNG), transcript variant 1, mRNA;



it 4, mRNA; gi|93588499|ref|NM\_020350.4| Homo sapiens angiotensin II receptor-associated protein (piens claudin domain containing 1 (CLDND1), transcript variant 3, mRNA; gi|93588656|ref|NM\_001040

ressed 10 (PEG10), transcript variant 1, mRNA; gi|289176997|ref|NM\_001172438.1| Homo sapiens pat

estrogen receptor 2 (ER beta) (ESR2), transcript variant a, mRNA;

VA;





recursor protein-binding, family B, member 3 (APBB3), transcript variant 2, mRNA;

1\_022905.4| Homo sapiens tetratricopeptide repeat domain 23 (TTC23), transcript variant 2, mRNA; gi|

98985792|ref|NM\_001040629.1| Homo sapiens neurocalcin delta (NCALD), transcript v





05990517|ref|NM\_023105.2| Homo sapiens fibroblast growth factor receptor 1 (FGFR1), transcript vari

1.1 | Homo sapiens protein tyrosine phosphatase, non-receptor type 20A (PTPN20A), transcript variant 3  
Homo sapiens protein tyrosine phosphatase, non-receptor type 20B (PTPN20B), transcript variant 4, mRNA

riant 3, mRNA; gi|170014718|ref|NM\_133330.2| Homo sapiens Wolf-Hirschhorn syndrome candidate





ipt variant 4, mRNA; gi|110224457|ref|NM\_001042497.1| Homo sapiens solute carrier family 12 (pota:



|NM\_172106.1| Homo sapiens potassium voltage-gated channel, KQT-like subfamily, member 2 (KCNQ;

elomeres 1 homolog (S. pombe) (POT1), transcript variant 1, mRNA;

with RhoGef domain) member 5 (PLEKHG5), transcript variant 5, mRNA; gi|111154079|ref|NM\_001042









variant beta3, mRNA; gi|115298649|ref|NM\_001048172.1| Homo sapiens mutY homolog (E. coli) (MUTY







l kinase (MYLK), transcript variant 2, mRNA;



4), transcript variant 4, mRNA;



α-1, 6-glucosidase, 4-α-glucanotransferase (AGL), transcript variant 1, mRNA; gi|116734856|ri

ns Ras association (RalGDS/AF-6) domain family member 1 (RASSF1), transcript variant A, mRNA;

027490.1 | Homo sapiens methenyltetrahydrofolate synthetase domain containing (MTHFSD), transcript



; (GNAS), transcript variant 2, mRNA; gi|117938763|ref|NM\_016592.2| Homo sapiens GNAS complex lc

a-1,2-mannosyltransferase homolog (S. cerevisiae) (ALG9), transcript variant 1, mRNA;



78175.1 | Homo sapiens solute carrier family 29 (nucleoside transporters), member 1 (SLC29A1), nuclea



protein, transcript variant 1 (NAIP), mRNA; gi|341916266|ref|XM\_003403389.1| PREDICTED: Homo sapiens NAIP protein, transcript variant 1 (NAIP), mRNA;



nt 5, mRNA; gi|383087731|ref|NM\_001257343.1| Homo sapiens BCS1-like (S. cerevisiae) (BCS1L), nucl

l cysteine peptidase (CASP8), transcript variant F, mRNA; gi|122056471|ref|NM\_033356.3| Homo sapiens

ng 3 (LDB3), transcript variant 5, mRNA;





phagy related 16-like 1 (*S. cerevisiae*) (ATG16L1), transcript variant 5, mRNA;

phosphatase 2, regulatory subunit A, beta (PPP2R1B), transcript variant 2, mRNA;

mRNA; gi|124381128|ref|NM\_001080953.1| Homo sapiens pleiomorphic adenoma gene-like 1 (PLAGL1)

sodium channel, voltage-gated, type V, alpha subunit (SCN5A), transcript variant 1, mRNA; gi|237512981







058203.2 | Homo sapiens sperm associated antigen 11B (SPAG11B), transcript variant C, mRNA; gi|1261

bulin-like receptor, subfamily B (with TM and ITIM domains), member 1 (LILRB1), transcript variant 1, m



ox helicase 11 (DDX11), transcript variant 5, mRNA;

binding protein, fox-1 homolog (C. elegans) 2 (RBFox2), transcript variant 6, mRNA; gi|133925798|ref|1

; CTAGE family, member 5 (CTAGE5), transcript variant 2, mRNA; gi|350994420|ref|NM\_001247988.1|

|ref|NM\_001083606.1| Homo sapiens patched 1 (PTCH1), transcript variant 1d, mRNA;





















oding RNA;



erin-associated protein), delta 1 (CTNND1), transcript variant 13, mRNA; gi|332688219|ref|NM\_001206

ectonucleoside triphosphate diphosphohydrolase 1 (ENTPD1), transcript variant 7, mRNA; gi|25635512

14), transcript variant 2, mRNA;  
l group) (FUT3), transcript variant 3, mRNA;  
ase 1, core 2 (GCNT1), transcript variant 4, mRNA;

bonucleoprotein F (HNRNPF), transcript variant 5, mRNA; gi|148470398|ref|NM\_004966.3| Homo sapi

gi|291463272|ref|NM\_001174080.1| Homo sapiens calcium channel, voltage-dependent, P/Q type,  $\alpha$

transcript variant 3, mRNA; gi|341913701|ref|XM\_003403633.1| PREDICTED: Homo sapiens deleted in

nc finger protein 419 (ZNF419), transcript variant 1, mRNA; gi|148612822|ref|NM\_001098492.1| Homo

anscript variant 3, mRNA;

ens CKLF-like MARVEL transmembrane domain containing 1 (CMTM1), transcript variant 5, mRNA; gi|14



02.2 | Homo sapiens BCL2-associated athanogene 6 (BAG6), transcript variant 2, mRNA;





M\_001042595.2| Homo sapiens transmembrane protein 91 (TMEM91), transcript variant 2, mRNA;

omo sapiens Fc fragment of IgA, receptor for (FCAR), transcript variant 2, mRNA; gi|149999347|ref|NM

, transcript variant 4, mRNA;





|NM\_001099756.1| Homo sapiens syntabulin (syntaxin-interacting) (SYBU), transcript variant 12, mRNA



forming sequence (MCF2), transcript variant 6, mRNA; gi|284795238|ref|NM\_001171877.1| Homo sap



IKBKG), transcript variant 2, mRNA;









ulator 1 (RAP1GDS1), transcript variant 2, mRNA; gi|155030199|ref|NM\_001100429.1| Homo sapien

lomo sapiens ATP-binding cassette, sub-family B (MDR/TAP), member 9 (ABCB9), transcript variant 5, m



frame 159 (C14orf159), transcript variant 4, mRNA;



s intraflagellar transport 43 homolog (Chlamydomonas) (IFT43), transcript variant 4, non-coding RNA;

NA;

MP (inosine 5'-monophosphate) dehydrogenase 1 (IMPDH1), transcript variant 7, mRNA; gi|156616276





ariant 3, mRNA; gi|308387383|ref|NM\_001197223.1| Homo sapiens phosphodiesterase 4D, cAMP-spe





ig 1 (ECHDC1), transcript variant 4, mRNA;



tein 83 (ZNF83), transcript variant 8, mRNA; gi|157738656|ref|NM\_001105551.1| Homo sapiens zinc fi



nily, 9 (non-active) (RNASE9), transcript variant 5, mRNA; gi|126723775|ref|NM\_001001673.3| Homo :



variant 5, mRNA;

transcript variant 2, mRNA;

iens cyclin-dependent kinase 11B (CDK11B), transcript variant 4, mRNA;

(NF2), transcript variant 12, mRNA; gi|163644284|ref|NM\_000268.3| Homo sapiens neurofibromin 2 (i



.| Homo sapiens septin 9 (SEPT9), transcript variant 2, mRNA;

e nucleotide exchange factor (GEF) 7 (ARHGEF7), transcript variant 3, mRNA;









transferase (MGAT1), transcript variant 5, mRNA; gi|167857779|ref|NM\_001114617.1| Homo sapiens r



pt variant 2, mRNA;

ie encoding mitochondrial protein, transcript variant 6, mRNA; gi|169646313|ref|NM\_181307.2| Homc

ie encoding mitochondrial protein, transcript variant 3, mRNA; gi|169646385|ref|NM\_181455.2| Homc





variant 1, mRNA;

isferase 1 (LIPT1), transcript variant 2, non-coding RNA; gi|171460939|ref|NM\_145199.2| Homo sapien









chondrial protein, transcript variant 1, mRNA;





c finger, nucleic acid binding protein (CNBP), transcript variant 3, mRNA; gi|187608749|ref|NM\_001127

it regulatory protein (CD59), transcript variant 8, mRNA; gi|187829182|ref|NM\_001127226.1| Homo sa

cription factor 2 (PHTF2), transcript variant 4, mRNA;

atase 2, regulatory subunit B, beta (PPP2R2B), transcript variant 3, mRNA; gi|188497690|ref|NM\_1816

s hexokinase 1 (HK1), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA;

) (CD36), transcript variant 3, mRNA;

sapiens choline O-acetyltransferase (CHAT), transcript variant S, mRNA; gi|188595683|ref|NM\_020986

Homo sapiens gamma-aminobutyric acid (GABA) A receptor, alpha 1 (GABRA1), transcript variant 6, mRNA

Gelsolin (GSN), transcript variant 4, mRNA; gi|189083779|ref|NM\_001127666.1| Homo sapiens gelsolin (G

elolin), transcript variant 4, mRNA; gi|189083820|ref|NM\_001127582.1| Homo sapiens inhibitor of growth family, member 4 (ING4),

transcript variant 3, mRNA; Homo sapiens Fc fragment of IgG, low affinity IIIa, receptor (CD16a) (FCGR3A), transcript variant 3, mRNA;

1 antiproteinase, antitrypsin), member 1 (SERPINA1), transcript variant 8, mRNA; gi|189163527|ref|NM



(PAK3), transcript variant 2, mRNA; gi|189491758|ref|NM\_001128173.1| Homo sapiens p21 protein (C

it variant 5, mRNA; gi|189571591|ref|NM\_032975.3| Homo sapiens dystrobrevin, alpha (DTNA), transc







RNA;

h sapiens SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, mem

iens poly(rC) binding protein 2 (PCBP2), transcript variant 1, mRNA; gi|193083111|ref|NM\_001128913.

regulating kinase 3 (MARK3), transcript variant 3, mRNA;

' G (with RhoGef domain) member 4 (PLEKHG4), transcript variant 4, mRNA; gi|193211602|ref|NM\_001

|193788531|ref|NM\_001129837.1| Homo sapiens calcium channel, voltage-dependent, L type, alpha 1





nsript variant 1, mRNA; gi|194097472|ref|NM\_001130036.1| Homo sapiens pleckstrin homology dom

·|NM\_001202859.1| Homo sapiens SHC (Src homology 2 domain containing) transforming protein 1 (SH



nily, member 2 (ABLIM2), transcript variant 2, mRNA; gi|194272205|ref|NM\_032432.4| Homo sapiens



16655.4 | Homo sapiens GA binding protein transcription factor, beta subunit 1 (GABPB1), transcript va

osphatase, non-receptor type 13 (APO-1/CD95 (Fas)-associated phosphatase) (PTPN13), transcript varia

ipt variant 5, non-coding RNA;



gene family-like 2B (RABL2B), transcript variant 2, mRNA; gi|195963422|ref|NM\_001130920.1| Homo s

5976761|ref|NM\_001130980.1| Homo sapiens dysferlin, limb girdle muscular dystrophy 2B (autosomal

interleukin 5 receptor, alpha (IL5RA), transcript variant 5, mRNA; gi|340745315|ref|NM\_001243099.1|

ariant 1, mRNA;



homolog (S. pombe) (RAD17), transcript variant 7, mRNA; gi|19718783|ref|NM\_133338.1| Homo sapie

tein, transcript variant 2b, mRNA; gi|197276608|ref|NM\_016819.3| Homo sapiens 8-oxoguanine DNA ;

1 (CYB561D1), transcript variant 3, mRNA;

omo sapiens microtubule associated tumor suppressor 1 (MTUS1), transcript variant 2, mRNA;









; RNA;

gi|201023357|ref|NR\_024134.1| Homo sapiens ghrelin/obestatin prepropeptide (GHRL), transcript va



transcript variant 1, mRNA; gi|61636061|ref|NM\_138322.2| Homo sapiens proprotein convertase sub

01042530.1 | Homo sapiens CoA synthase (COASY), nuclear gene encoding mitochondrial protein, transcript variant JNK2-g, mRNA;

mRNA;

receptor, type 2 (NTRK2), transcript variant a, mRNA;

rotein-coupled receptor kinase interacting ArfGAP 2 (GIT2), transcript variant 2, mRNA; gi|206725414|re

nc finger protein 323 (ZNF323), transcript variant 7, mRNA;

iens lactate dehydrogenase A (LDHA), transcript variant 5, mRNA;

3.2 | Homo sapiens high mobility group AT-hook 1 (HMGA1), transcript variant 5, mRNA;

ariant 5, mRNA; gi|208879434|ref|NM\_004895.4| Homo sapiens NLR family, pyrin domain containing 5

ygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide (YWHAZ), transcript variant 5

is target of myb1 (chicken) (TOM1), transcript variant 6, non-coding RNA;

variant 1, mRNA;

25.1 | Homo sapiens ring finger protein 185 (RNF185), transcript variant 3, mRNA;

.1 | Homo sapiens StAR-related lipid transfer (START) domain containing 13 (STARD13), transcript varian



ntaining ion transport regulator 3 (FXD3), transcript variant 1, mRNA; gi|209862814|ref|NM\_0011360

NA; gi|209571516|ref|NM\_130476.2| Homo sapiens MAP-kinase activating death domain (MADD), tra

iant zeta, mRNA; gi|209863027|ref|NM\_001135956.1| Homo sapiens transient receptor potential cationic

transcript variant 4, mRNA; gi|209869992|ref|NM\_001136005.1| Homo sapiens phosphoribosylglycinan

apoptosis-related cysteine peptidase (CASP5), transcript variant c, mRNA; gi|209870070|ref|NM\_0011:

omo sapiens v-ets erythroblastosis virus E26 oncogene homolog (avian) (ERG), transcript variant 1, mRN

244.3 | Homo sapiens multiple endocrine neoplasia I (MEN1), transcript variant 1, mRNA; gi|210031715





omo sapiens DAZ associated protein 2 (DAZAP2), transcript variant 6, mRNA;

peat (in FLII) interacting protein 1 (LRRFIP1), transcript variant 2, mRNA;



anscript variant 4, mRNA;

um/calmodulin-dependent protein kinase II beta (CAMK2B), transcript variant 7, mRNA; gi|212549589|r

lcium/calmodulin-dependent protein kinase II delta (CAMK2D), transcript variant 2, mRNA; gi|2125497!



io sapiens fibroblast growth factor 13 (FGF13), transcript variant 4, mRNA;

FMR1 antisense RNA 1 (non-protein coding) (FMR1-AS1), transcript variant 5, non-coding RNA;

rotein 2 (APLP2), transcript variant 7, mRNA; gi|214010177|ref|NM\_001642.2| Homo sapiens amyloid I

ein S24 (RPS24), transcript variant a, mRNA;

g RNA; gi|214010239|ref|NM\_001142292.1| Homo sapiens lectin, mannose-binding 2-like (LMAN2L),

script variant c1, mRNA; gi|214829112|ref|NM\_004338.3| Homo sapiens chromosome 18 open readin

pseudogene 7 (RPL23AP7), transcript variant 3, non-coding RNA;

protein, fox-1 homolog (C. elegans) 1 (RBFOX1), transcript variant 5, mRNA; gi|215272405|ref|NM\_018

pha-1,3- mannosyltransferase homolog (S. cerevisiae) (ALG3), transcript variant 5, non-coding RNA;

) 1 (PRRG1), transcript variant 4, mRNA;

30.1| Homo sapiens mortality factor 4 like 2 (MORF4L2), transcript variant 14, mRNA; gi|215490022|ref



AK1), transcript variant 2, mRNA; gi|70780356|ref|NM\_000037.3| Homo sapiens ankyrin 1, erythrocyti  
binding myb-like transcription factor 1 (DMTF1), transcript variant 1, mRNA;

ronal regeneration related protein homolog (rat) (NREP), transcript variant 1, mRNA; gi|215599686|ref

sequence similarity 111, member A (FAM111A), transcript variant 1, mRNA;

ic helix-loop-helix domain containing, class B, 9 (BHLHB9), transcript variant 4, mRNA; gi|216547714|re  
Homo sapiens SH2 domain containing 3C (SH2D3C), transcript variant 6, mRNA; gi|216547789|ref|NM.

transcript variant 1, mRNA;

anscript variant 4, mRNA;

, mRNA;

!), transcript variant 3, mRNA;

stimulated by retinoic acid gene 6 homolog (mouse) (STRA6), transcript variant 6, mRNA; gi|217330577

), transcript variant 2, mRNA;

RNA;

1| Homo sapiens protocadherin-related 15 (PCDH15), transcript variant H, mRNA; gi|115387122|ref|NI

NA;



;

apiens zinc finger protein 438 (ZNF438), transcript variant 7, mRNA; gi|219555731|ref|NM\_001143769

phosphatase 1, regulatory subunit 12A (PPP1R12A), transcript variant 2, mRNA;

|ref|NM\_001143814.1| Homo sapiens brain-derived neurotrophic factor (BDNF), transcript variant 14, r



ling mitochondrial protein, transcript variant 1, mRNA;

ce similarity 76, member A (FAM76A), transcript variant 1, mRNA;





001144038.1 | Homo sapiens transmembrane protein 25 (TMEM25), transcript variant 5, mRNA;

\_001256718.1 | Homo sapiens synaptosomal-associated protein, 91kDa homolog (mouse) (SNAP91), tra

1408.1 | Homo sapiens SEC14-like 1 (S. cerevisiae) (SEC14L1), transcript variant 6, mRNA; gi|221316675|

ot variant 2, mRNA;

LAVL4), transcript variant 3, mRNA; gi|221316770|ref|NM\_001144776.1| Homo sapiens ELAV (embryo



ariant 2, mRNA;

rich carboxy-terminal domain, 1 (CITED1), transcript variant 3, mRNA;

gi|189083823|ref|NM\_000141.4| Homo sapiens fibroblast growth factor receptor 2 (FGFR2), transcrip

ariant 5, mRNA; gi|222144314|ref|NM\_001142625.2| Homo sapiens RAB34, member RAS oncogene fa



r in B-cells inhibitor-like 1 (NFKBIL1), transcript variant 1, mRNA;

TK), transcript variant 3, non-coding RNA;





ript variant 1, mRNA; gi|223029381|ref|NM\_001144894.1| Homo sapiens CD209 molecule (CD209), tr

amily 4, member M (CLEC4M), transcript variant 12, mRNA; gi|223278341|ref|NM\_001144907.1| Hom

e) (CPT1B), nuclear gene encoding mitochondrial protein, transcript variant 3, mRNA; gi|223468673|ref

(DSCR8), transcript variant 5, non-coding RNA;

AK4), transcript variant 4, mRNA;

receptor 1 (CRHR1), transcript variant 5, mRNA;

U\_001008505.1 | Homo sapiens opioid receptor, mu 1 (OPRM1), transcript variant MOR-1X, mRNA; gi|2

nt 3, mRNA;

ant 1, mRNA; gi|223890146|ref|NM\_001145315.1 | Homo sapiens DSN1, MIND kinetochore complex c



\_181803.1| Homo sapiens ubiquitin-conjugating enzyme E2C (UBE2C), transcript variant 6, mRNA;

otein tyrosine phosphatase, non-receptor type 3 (PTPN3), transcript variant 5, mRNA; gi|223941890|rel

s tRNA splicing endonuclease 2 homolog (*S. cerevisiae*) (TSEN2), transcript variant 3, mRNA;

int 1, non-coding RNA;

protein 200 (ZNF200), transcript variant 4, mRNA;

tor homolog B (*S. cerevisiae*) (YIF1B), transcript variant 6, mRNA; gi|224451037|ref|NM\_001145462.1|

li) (ALKBH2), transcript variant 2, mRNA;



main containing 18 (ZSCAN18), transcript variant 2, mRNA;

ant 8, mRNA; gi|224586843|ref|NM\_001145670.1| Homo sapiens sorbin and SH3 domain containing 2





NM\_001145773.1| Homo sapiens G protein-coupled receptor 56 (GPR56), transcript variant 8, mRNA; gi

inoic acid induced 14 (RAI14), transcript variant 3, mRNA;

coding mitochondrial protein, transcript variant 5, mRNA; gi|224831250|ref|NM\_130836.2| Homo sap

l188|ref|NM\_001145847.1| Homo sapiens prominin 1 (PROM1), transcript variant 2, mRNA;

50593739|ref|NM\_001166054.1| Homo sapiens amyloid beta (A4) precursor protein-binding, family B,



transcript variant 4, mRNA; gi|225579059|ref|NM\_005072.4| Homo sapiens solute carrier family 12 (potassium-chloride cotransporter), member 2 (SLC12A2), transcript variant 4, mRNA;

dicarboxylate transporter), member 2 (SLC13A2), transcript variant 3, mRNA;

ted protein 1 (peripheral) (TJAP1), transcript variant 5, mRNA; gi|225690486|ref|NM\_001146016.1| Homo sapiens

225735616|ref|NM\_001146112.1| Homo sapiens mesoderm induction early response 1 homolog (Xenopus DIP2 disco-interacting protein 2 homolog A (Drosophila) (DIP2A), transcript variant 7, mRNA; gi|225

int 4, non-coding RNA;

A;

l6574|ref|NM\_001146202.1| Homo sapiens RAS guanyl releasing protein 4 (RASGRP4), transcript variar

027463.1 | Homo sapiens sex hormone-binding globulin (SHBG), transcript variant 6, non-coding RNA;  
Homo sapiens transcription factor 7-like 2 (T-cell specific, HMG-box) (TCF7L2), transcript variant 10, mRNA; i

se) polymerase family, member 9 (PARP9), transcript variant 3, mRNA; gi|226371705|ref|NM\_031458.:

ion-associated, 3 (AIFM3), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA;

iotransferase 2-like 1 (AGXT2L1), transcript variant 5, non-coding RNA;

coiled-coil protein (SCOC), transcript variant 5, mRNA; gi|226528279|ref|NM\_001153484.1| Homo sap







ef|NM\_001159676.1| Homo sapiens synaptotagmin binding, cytoplasmic RNA interacting protein (SYNC

\_001167819.1| Homo sapiens four and a half LIM domains 1 (FHL1), transcript variant 9, mRNA; gi|228.

ranscript variant 2, mRNA;

ns fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor recept

18.1 | Homo sapiens egf-like module containing, mucin-like, hormone receptor-like 2 (EMR2), transcript

36461718|ref|NM\_001160130.1| Homo sapiens potassium voltage-gated channel, KQT-like subfamily, transcript variant HRG-gamma, mRNA; gi|236462347|ref|NM\_001159999.1| Homo sapiens neuregulin

↓-acetyltransferase 1 (arylamine N-acetyltransferase) (NAT1), transcript variant 2, mRNA; gi|237649127

(ADARB1), transcript variant 7, mRNA; gi|237681083|ref|NM\_001112.3| Homo sapiens adenosine deaminase

↻ sapiens breast cancer 1, early onset (BRCA1), transcript variant 1, mRNA;

e kinase-like (CERKL), transcript variant 4, mRNA; gi|237757358|ref|NM\_001030312.2| Homo sapiens c

0367.1| Homo sapiens cyclin-dependent kinase 10 (CDK10), transcript variant d, mRNA;

o sapiens ring finger protein 170 (RNF170), transcript variant 3, mRNA;

orf40), transcript variant 7, non-coding RNA; gi|237858665|ref|NM\_001160114.1| Homo sapiens chron

1| Homo sapiens RPA interacting protein (RPAIN), transcript variant 6, mRNA; gi|237858704|ref|NM\_0

3018050|ref|NM\_004013.2| Homo sapiens dystrophin (DMD), transcript variant Dp140, mRNA; gi|2380

L| Homo sapiens tRNA phosphotransferase 1 (TRPT1), transcript variant 5, mRNA;

ium-activated channel, subfamily M, alpha member 1 (KCNMA1), transcript variant 3, mRNA;

en-like domains 2 (LIMS2), transcript variant 2, mRNA;

nulocyte-macrophage) (CSF2RA), transcript variant 2, mRNA; gi|238908520|ref|NM\_001161532.1| Homo

t 5, mRNA;

se (CHFR), transcript variant 4, mRNA; gi|239048908|ref|NM\_001161347.1| Homo sapiens checkpoint



581|ref|NM\_001161561.1| Homo sapiens TRAF2 and NCK interacting kinase (TNIK), transcript variant 3



ens pyruvate dehydrogenase phosphatase catalytic subunit 1 (PDP1), nuclear gene encoding mitochondri

ens apolipoprotein L, 3 (APOL3), transcript variant alpha/a, non-coding RNA;

iens protein phosphatase 2, regulatory subunit B', gamma (PPP2R5C), transcript variant 5, mRNA;

ly homolog (yeast) (COX11), transcript variant 4, non-coding RNA; gi|242247053|ref|NM\_004375.3| Hc

nteracting/CAST family member 1 (ERC1), transcript variant gamma, non-coding RNA;

), and cytoplasmic domain, (semaphorin) 6D (SEMA6D), transcript variant 6, mRNA; gi|24234743|ref|NI

cript variant a, mRNA; gi|244790010|ref|NM\_206930.2| Homo sapiens synaptotagmin-like 2 (SYTL2), ti

391|ref|NM\_153767.2| Homo sapiens potassium inwardly-rectifying channel, subfamily J, member 1 (K

luronoglucosaminidase 1 (HYAL1), transcript variant 2, mRNA;

ding tyrosine-(Y)-phosphorylation regulated (CABYR), transcript variant 5, mRNA; gi|24797107|ref|NM\_

ipt variant 2, mRNA; gi|253314450|ref|NM\_001163124.1| Homo sapiens RAD52 motif 1 (RDM1), trans

ef|NM\_001163152.1| Homo sapiens ets variant 1 (ETV1), transcript variant 7, mRNA;

pt variant 2, non-coding RNA;

RNA;

ce similarity 63, member A (FAM63A), transcript variant 1, mRNA;

A;

ilating kinase 2 (MARK2), transcript variant 3, mRNA;



t 2, non-coding RNA;

cript variant 3, mRNA;

iant 5, non-coding RNA;

: variant 6, mRNA; gi|254587985|ref|NM\_198882.1| Homo sapiens synergin, gamma (SYNRG), transcrip

13|ref|NR\_033814.1| Homo sapiens dihydrolipoamide S-succinyltransferase (E2 component of 2-oxo-gl

ated channel, subfamily M beta member 3 (KCNMB3), transcript variant 1, mRNA; gi|254750630|ref|NM

|ref|NM\_001013839.2| Homo sapiens exocyst complex component 7 (EXOC7), transcript variant 1, mRl

l|ref|NM\_005241.3| Homo sapiens MDS1 and EVI1 complex locus (MECOM), transcript variant 2, mRNA;

l), transcript variant 2, mRNA;

ory subunit 3 (PPP6R3), transcript variant 5, mRNA; gi|255918193|ref|NM\_001164161.1| Homo sapien

cript variant 5, mRNA; gi|256219542|ref|NM\_001164278.1| Homo sapiens solute carrier family 37 (glu

ens stauken, RNA binding protein, homolog 2 (Drosophila) (STAU2), transcript variant 2, mRNA; gi|2564:

ine nucleotide exchange factor (GEF) 6 (RAPGEF6), transcript variant 5, mRNA; gi|256600195|ref|NM\_()

it 7, non-coding RNA; gi|257153369|ref|NR\_028395.1| Homo sapiens TSNAX-DISC1 readthrough (TSNA

18.1| Homo sapiens disrupted in schizophrenia 1 (DISC1), transcript variant k, mRNA; gi|61742826|ref|I

nt protein A1 (SFTPA1), transcript variant 3, mRNA;

64712.1 | Homo sapiens aminomethyltransferase (AMT), nuclear gene encoding mitochondrial protein,

otein, transcript variant 4, mRNA;

(ZBTB20), transcript variant 5, mRNA; gi|257900532|ref|NM\_001164342.1 | Homo sapiens zinc finger a



|NR\_028456.1| Homo sapiens ataxin 3 (ATXN3), transcript variant i, non-coding RNA; gi|258614022|ref

ant 2, mRNA;

sapiens aspartate beta-hydroxylase (ASPH), transcript variant 9, mRNA; gi|258613956|ref|NM\_001164

1\_002735.2| Homo sapiens protein kinase, cAMP-dependent, regulatory, type I, beta (PRKAR1B), transc

riant c, non-coding RNA;

gi|3149315|ref|NM\_181889.1| Homo sapiens ubiquitin-conjugating enzyme E2D 3 (UBE2D3), transcript variant 2, mRNA;

gi|259490308|ref|NM\_003415.2| Homo sapiens zinc finger protein 268 (ZNF268), transcript variant 9, mRNA;

gi|259490308|ref|NM\_003415.2| Homo sapiens acinar cell carcinoma inducer 1 (ACIN1), transcript variant 3, mRNA;

t 6, mRNA; gi|260166663|ref|NM\_001165969.1| Homo sapiens STE20-related kinase adaptor alpha (ST

NA; gi|260436833|ref|NM\_001166006.1| Homo sapiens erythrocyte membrane protein band 4.1 (ellip

3CC1), transcript variant 3, mRNA;

spholipase domain containing 6 (PNPLA6), transcript variant 5, mRNA;

), transcript variant 1, mRNA;

1, regulatory subunit 9A (PPP1R9A), transcript variant 1, mRNA;

ne a)-related kinase 6 (NEK6), transcript variant 2, mRNA; gi|261244918|ref|NM\_001145001.2| Homo

variant 4, mRNA; gi|261278366|ref|NM\_001130966.2| Homo sapiens thromboxane A synthase 1 (plate

o sapiens latent transforming growth factor beta binding protein 1 (LTBP1), transcript variant 4, mRNA;

ta) (CCT7), transcript variant 5, non-coding RNA; gi|261399876|ref|NM\_001166285.1| Homo sapiens c

.862354|ref|NR\_029416.1| Homo sapiens serine hydroxymethyltransferase 2 (mitochondrial) (SHMT2),

ref|NM\_001166288.1| Homo sapiens RGM domain family, member A (RGMA), transcript variant 5, mRNA  
ynovial sarcoma, X breakpoint 2 interacting protein (SSX2IP), transcript variant 1, mRNA;

initiation factor 3 (MTIF3), nuclear gene encoding mitochondrial protein, transcript variant 3, mRNA;

deacetylase 8 (HDAC8), transcript variant 2, mRNA;

o sapiens leukocyte specific transcript 1 (LST1), transcript variant 4, mRNA; gi|262118182|ref|NM\_001



























quence similarity 104, member B (FAM104B), transcript variant 8, non-coding RNA; gi|262359952|ref|N

.T), transcript variant 5, mRNA;

1 (RCC1), transcript variant 4, mRNA; gi|302191635|ref|NM\_001048195.2| Homo sapiens regulator o

phatase 1, regulatory subunit 12B (PPP1R12B), transcript variant 4, mRNA; gi|268607505|ref|NM\_0024

|ref|NR\_030765.1| Homo sapiens ATP5S-like (ATP5SL), transcript variant 7, non-coding RNA;

nscription variant 2, mRNA; gi|268840381|ref|NM\_001167931.1| Homo sapiens interleukin 1 receptor ac  
NA;

channel, voltage-dependent, beta 2 subunit (CACNB2), transcript variant 7, mRNA; gi|269308238|ref|N

estatin) (SLC26A5), transcript variant a, mRNA;









f|NM\_024621.2| Homo sapiens ventricular zone expressed PH domain homolog 1 (zebrafish) (VEPH1), t

| Homo sapiens v-abl Abelson murine leukemia viral oncogene homolog 2 (ABL2), transcript variant i, m

| Homo sapiens OCIA domain containing 1 (OCIAD1), transcript variant 6, mRNA;

mo sapiens kelch-like 13 (Drosophila) (KLHL13), transcript variant 4, mRNA;

ididate 11 (ALS2CR11), transcript variant 1, mRNA;

variant 4, mRNA;

Homo sapiens protocadherin 11 X-linked (PCDH11X), transcript variant a, mRNA; gi|270288728|ref|NM

(5), transcript variant 3, mRNA; gi|274318366|ref|NM\_001168479.1| Homo sapiens armadillo repeat c

!15.2 | Homo sapiens calcium/calmodulin-dependent protein kinase kinase 2, beta (CAMKK2), transcript

nt 3, mRNA; gi|27502392|ref|NM\_172390.1| Homo sapiens nuclear factor of activated T-cells, cytoplas

chrome oxidase deficient homolog 2 (yeast) (SCO2), nuclear gene encoding mitochondrial protein, tran

l\_001257239.1 | Homo sapiens asparagine-linked glycosylation 13 homolog (S. cerevisiae) (ALG13), tran

iant beta3, mRNA; gi|281371466|ref|NM\_001008229.2 | Homo sapiens myelin oligodendrocyte glycopr

.1 | Homo sapiens TGFB-induced factor homeobox 1 (TGIF1), transcript variant 5, mRNA; gi|28178841|r

. | Homo sapiens AF4/FMR2 family, member 2 (AFF2), transcript variant 4, mRNA;

ant 6, non-coding RNA; gi|282394037|ref|NM\_001170689.1 | Homo sapiens mindbomb E3 ubiquitin prc

iens hedgehog acyltransferase (HHAT), transcript variant 4, mRNA;

transcript variant 5, mRNA; gi|282398115|ref|NM\_001170716.1| Homo sapiens breast cancer anti-estri

RNA; gi|282721003|ref|NM\_001170702.1| Homo sapiens muscleblind-like splicing regulator 3 (MBNL3)

gi|282847413|ref|NR\_033195.1| Homo sapiens zinc finger, AN1-type domain 1 (ZFAND1), transcript var

anscript variant 2, mRNA;

2847495|ref|NM\_001170697.1| Homo sapiens spermatogenesis associated 22 (SPATA22), transcript v

anscript variant 2, mRNA; gi|283046652|ref|NM\_001170780.1| Homo sapiens family with sequence sir

ain family, member 4 (LARP4), transcript variant 3, mRNA; gi|283046774|ref|NR\_033200.1| Homo sapi

NR\_033205.1| Homo sapiens HOXB cluster antisense RNA 3 (non-protein coding) (HOXB-AS3), non-codir

pt variant 1, mRNA;

receptor type, D (PTPRD), transcript variant 6, mRNA; gi|283484017|ref|NM\_002839.3| Homo sapiens



6, mRNA; gi|283837874|ref|NM\_033130.4| Homo sapiens sialic acid binding Ig-like lectin 10 (SIGLEC10)

family 3, member A (FAM3A), transcript variant 1, mRNA;

'|ref|NM\_016525.4| Homo sapiens ubiquitin associated protein 1 (UBAP1), transcript variant 1, mRNA;

alpha-2,3-sialyltransferase 3 (ST3GAL3), transcript variant 4, mRNA; gi|28373069|ref|NM\_174964.1| H

ligand-gated ion channel, 2 (P2RX2), transcript variant 4, mRNA; gi|28416922|ref|NM\_174873.1| Homo

piens prolyl endopeptidase-like (PREPL), transcript variant 5, mRNA; gi|284172363|ref|NM\_001042385

l, mRNA; gi|324120931|ref|NM\_001204385.1| Homo sapiens vascular endothelial growth factor A (VEG

3), transcript variant 4, mRNA; gi|300388179|ref|NM\_001191036.1| Homo sapiens chromosome 8 open reading frame 103 (CHROMOSOME 8 ORF103), transcript variant 4, mRNA

peroxyl-activated receptor delta (PPARD), transcript variant 1, mRNA;

CDH23), transcript variant 4, mRNA; gi|284925133|ref|NM\_001171933.1| Homo sapiens cadherin-related family 1, member 23 (CDH23), transcript variant 4, mRNA

1, mRNA;

ell kinase (HCK), transcript variant 1, mRNA;

lomo sapiens BDNF antisense RNA 1 (non-protein coding) (BDNF-AS1), transcript variant BT2B, non-codi  
(Drosophila) (SCMH1), transcript variant 1, mRNA; gi|288557330|ref|NM\_001172218.1| Homo sapien:

oding RNA;

ncoding mitochondrial protein, transcript variant 3, mRNA;

ipt variant 4, mRNA; gi|288856235|ref|NM\_032539.4| Homo sapiens SLIT and NTRK-like family, memb

entrin specific peptidase family member 8 (SEN8), transcript variant 3, mRNA;

alin), member 2 (SLC6A2), transcript variant 3, mRNA;

meloid differentiation primary response gene (88) (MYD88), transcript variant 1, mRNA;

); transcript variant 2, mRNA; gi|289547648|ref|NM\_001172658.1| Homo sapiens zinc finger, FYVE do  
) , transcript variant 3, mRNA;

iant 3, mRNA; gi|289577050|ref|NM\_001172687.1| Homo sapiens golgi-associated, gamma adaptin ea

ant 3, non-coding RNA; gi|289577106|ref|NM\_138619.2| Homo sapiens golgi-associated, gamma adap

apiens solute carrier family 30 (zinc transporter), member 8 (SLC30A8), transcript variant 2, mRNA;



oic acid induced 2 (RAI2), transcript variant 3, mRNA;

omo sapiens collagen, type XIII, alpha 1 (COL13A1), transcript variant 11, mRNA;

nase binding protein (TYROBP), transcript variant 2, mRNA;

actor, mitochondrial (TSFM), nuclear gene encoding mitochondrial protein, transcript variant 4, mRNA;

ref|NM\_001173524.1| Homo sapiens TROVE domain family, member 2 (TROVE2), transcript variant 5,

poamide) alpha 1 (PDHA1), nuclear gene encoding mitochondrial protein, transcript variant 3, mRNA;  
ef|NM\_001173541.1| Homo sapiens BTG3 associated nuclear protein (BANP), transcript variant 5, mRN

), transcript variant 1, mRNA; gi|291290980|ref|NM\_001174045.1| Homo sapiens sperm adhesion mol



mRNA; gi|291575183|ref|NM\_001128128.2| Homo sapiens zinc finger E-box binding homeobox 1 (ZEB1

'), transcript variant 3, mRNA; gi|291621666|ref|NM\_001002261.3| Homo sapiens zinc finger, FYVE do

oxidizing monooxygenase (PAM), transcript variant 2, mRNA; gi|293336288|ref|NM\_138822.2| Homo sapiens

specific, HMG-box) (TCF7), transcript variant 3, mRNA; gi|293651580|ref|NM\_201634.3| Homo sapiens t  
Homo sapiens cytoplasmic polyadenylation element binding protein 2 (CPEB2), transcript variant B, mRNA; gi

; gi|294459964|ref|NM\_001177428.1| Homo sapiens transient receptor potential cation channel, subf

1546|ref|NM\_198846.4| Homo sapiens sialic acid binding Ig-like lectin 6 (SIGLEC6), transcript variant 3,

362254|ref|NM\_001123067.3| Homo sapiens microtubule-associated protein tau (MAPT), transcript va

peptidase 1 (C4/C2 activating component of Ra-reactive factor) (MASP1), transcript variant 4, non-codin

Homo sapiens RNA binding motif, single stranded interacting protein 3 (RBMS3), transcript variant 5, ml

on-coupled divalent metal ion transporters), member 2 (SLC11A2), transcript variant 3, mRNA; gi|29529.

N (SNRPN), transcript variant 3, mRNA;

295842331|ref|NM\_001178031.1| Homo sapiens splicing factor 1 (SF1), transcript variant 5, mRNA; gi|  
|, transcript variant 5, mRNA;



inding protein) (DBI), transcript variant 2, mRNA; gi|295849278|ref|NM\_001178042.1| Homo sapiens c

α-hydrolyzing) (ASNS), transcript variant 5, mRNA; gi|296010844|ref|NM\_001673.4| Homo sapiens asp

t variant 2, mRNA; gi|296010865|ref|NM\_001178079.1| Homo sapiens signal transducer and activator

branched chain amino-acid transaminase 1, cytosolic (BCAT1), transcript variant 1, mRNA;

: variant 9, mRNA; gi|296010958|ref|NM\_001178106.1| Homo sapiens zinc finger protein 185 (LIM domain containing 1), transcript variant 9, mRNA;

VA; gi|296011000|ref|NM\_001178124.1| Homo sapiens abl-interactor 1 (ABI1), transcript variant 11, mRNA;

t variant 1, mRNA;

), transcript variant 1, mRNA;

'AFAH1B2), transcript variant 2, mRNA;

A), transcript variant 3, mRNA;

), transcript variant 4, non-coding RNA;

t variant 3, mRNA; gi|296179435|ref|NM\_001184773.1| Homo sapiens seizure related 6 homolog (mo

artitioning defective 3 homolog (C. elegans) (PARD3), transcript variant 1, mRNA; gi|296278197|ref|NM\_001184773.1| Homo sapiens transcription factor Dp-2 (E2F dimerization partner 2) (TFDP2), transcript variant 1, mRNA; gi|296278197|ref|NM\_001184773.1| Homo sapiens oxidase, EF-hand calcium binding domain 5 (NOX5), transcript variant 4, non-coding RNA;

ie 2 (DGCR2), transcript variant 3, mRNA;

ef|NM\_005756.3| Homo sapiens G protein-coupled receptor 64 (GPR64), transcript variant 4, mRNA; gi|296317301|ref|NM\_001024912.1| Homo sapiens molecule 1 (biliary glycoprotein) (CEACAM1), transcript variant 5, mRNA; gi|296317301|ref|NM\_001024912.1| Homo sapiens

ant 4, non-coding RNA;

pt variant 4, mRNA; gi|296439609|ref|NM\_001184873.1| Homo sapiens Fc receptor-like A (FCRLA), tra

NA;

sequence similarity 219, member A (FAM219A), transcript variant 5, mRNA; gi|296531323|ref|NM\_00

on imprinted in Prader-Willi/Angelman syndrome 2 (NIPA2), transcript variant 2, mRNA; gi|296531342|  
itment domain family, member 8 (CARD8), transcript variant 5, mRNA; gi|296531370|ref|NR\_033680.1

n factor (MITF), transcript variant 6, mRNA; gi|296841086|ref|NM\_001184968.1| Homo sapiens micro

yltransferase 2, ethanolamine (PCYT2), transcript variant 3, mRNA; gi|296841139|ref|NR\_033683.1| I

optosis-inducing factor, mitochondrion-associated, 1 (AIFM1), transcript variant 4, mRNA; gi|3230983

97206737|ref|NM\_001184991.1| Homo sapiens NADH dehydrogenase (ubiquinone) 1, subcomplex unk

NM\_001040173.2 | Homo sapiens 5-hydroxytryptamine (serotonin) receptor 4, G protein-coupled (HTR4

gi|297374790|ref|NM\_001185082.1 | Homo sapiens fragile X mental retardation 1 (FMR1), transcript v

.1 | Homo sapiens glutamate receptor, ionotropic, N-methyl D-aspartate 1 (GRIN1), transcript variant NR

antisense RNA 1 (non-protein coding) (TP73-AS1), transcript variant 5, non-coding RNA;

, transcript variant 4, non-coding RNA;

'3432630|ref|NR\_046073.1| Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 19 (DNAJC19)

; gi|298286522|ref|NM\_001190317.1| Homo sapiens inositol hexakisphosphate kinase 2 (IP6K2), trans

riant 3, mRNA; gi|298493261|ref|NR\_033761.1| Homo sapiens ATP synthase, H+ transporting, mitocho  
transcript variant 7, mRNA; gi|298493306|ref|NM\_001171507.2| Homo sapiens multiple coagulation t

7|ref|NM\_001190349.1| Homo sapiens dermokine (DMKN), transcript variant 10, mRNA; gi|298566215  
4, mRNA; gi|298566295|ref|NR\_033767.1| Homo sapiens forkhead box P2 (FOXP2), transcript variant 1

ant 1, mRNA; gi|298566314|ref|NM\_001190384.1| Homo sapiens glucosamine (UDP-N-acetyl)-2-epime

ociated factor, 80kDa (TAF6), transcript variant 5, mRNA;

ed) (FGF8), transcript variant E, mRNA;



protein (CD46), transcript variant n, mRNA; gi|299523000|ref|NM\_153826.3| Homo sapiens CD46 mo

ef|NR\_033808.1| Homo sapiens cytochrome P450, family 3, subfamily A, polypeptide 5 (CYP3A5), trans





Fc fragment of IgG, low affinity IIb, receptor (CD32) (FCGR2B), transcript variant 4, mRNA;

ef|NM\_001135040.2| Homo sapiens dynactin 1 (DCTN1), transcript variant 3, mRNA;

.| Homo sapiens purinergic receptor P2X, ligand-gated ion channel, 7 (P2RX7), transcript variant 6, non-c

ibunit 4 (CNOT4), transcript variant 2, mRNA; gi|300069010|ref|NM\_001190847.1| Homo sapiens CCR4

gi|300116152|ref|NM\_013942.4| Homo sapiens paired box 3 (PAX3), transcript variant PAX3B, mRNA;

8909.3| Homo sapiens oxysterol binding protein-like 9 (OSBPL9), transcript variant 7, mRNA; gi|308153

, neutral membrane (neutral sphingomyelinase-3) (SMPD4), transcript variant 2, mRNA; gi|300192966|  
solute carrier family 9, subfamily B (NHA1, cation proton antiporter 1), member 1 (SLC9B1), nuclear ge

variant 1, mRNA; gi|300360548|ref|NM\_001191007.1| Homo sapiens serine/arginine-rich splicing fact

coding RNA; gi|300794950|ref|NR\_034067.1| Homo sapiens caspase 12 (gene/pseudogene) (CASP12),  
38|ref|NM\_001077207.2| Homo sapiens SEC31 homolog A (S. cerevisiae) (SEC31A), transcript variant 5,



s phosphodiesterase 1C, calmodulin-dependent 70kDa (PDE1C), transcript variant 5, mRNA;

RNA;

f|NM\_033289.1| Homo sapiens midline 1 (Opitz/BBB syndrome) (MID1), transcript variant 5, mRNA; gi|

ript variant 2, mRNA; gi|300863070|ref|NM\_022367.3| Homo sapiens sema domain, immunoglobulin c

frame 133 (C14orf133), transcript variant 5, mRNA;

carboxylate transporter), member 3 (SLC13A3), transcript variant 4, mRNA; gi|301069344|ref|NM\_0228

31005.2| Homo sapiens myocyte enhancer factor 2C (MEF2C), transcript variant 2, mRNA;

cript variant 1, mRNA; gi|301129158|ref|NM\_001193362.1| Homo sapiens exonuclease 3'-5' domain c  
piens death inducer-obliterator 1 (DIDO1), transcript variant 5, mRNA;

is protein phosphatase 2A activator, regulatory subunit 4 (PPP2R4), transcript variant 1, mRNA;









ariant 4, mRNA;





s vaccinia related kinase 2 (VRK2), transcript variant 5, mRNA;

t 2, mRNA;

protein 2 (SCP2), transcript variant 8, mRNA; gi|302344759|ref|NM\_001193599.1| Homo sapiens sterol

frame 62 (C17orf62), transcript variant 2, mRNA; gi|302393578|ref|NR\_036514.1| Homo sapiens chr

ain (POGZ), transcript variant 2, mRNA;

slation initiation factor 4 gamma, 1 (EIF4G1), transcript variant 6, mRNA; gi|302699243|ref|NM\_19824

RNA; gi|297515491|ref|NM\_001042587.2| Homo sapiens CD1e molecule (CD1E), transcript variant 6,

transcript variant 2, mRNA;

gi|304282233|ref|NM\_001195057.1| Homo sapiens DNA-damage-inducible transcript 3 (DDIT3), trans

ome 1 (TCOF1), transcript variant 6, mRNA; gi|207113158|ref|NM\_000356.3| Homo sapiens Treacher C

1.1| Homo sapiens tumor protein p53 regulated apoptosis inducing protein 1 (TP53AIP1), nuclear gene e

(guanine nucleotide exchange protein) (EEF1D), transcript variant 2, mRNA; gi|304555584|ref|NM\_001

136578.1| Homo sapiens aprataxin (APTX), transcript variant 14, non-coding RNA; gi|305410834|ref|NM

rotein (PDE4DIP), transcript variant 7, mRNA; gi|50658070|ref|NM\_001002811.1| Homo sapiens phospl





piens myeloid leukemia factor 1 (MLF1), transcript variant 2, mRNA;

n, transcript variant V, mRNA;

ref|NM\_001256470.1| Homo sapiens pleckstrin homology domain containing, family A member 5 (PLEK

oid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 10 (MLLT10)

ain (ZGPAT), transcript variant 4, mRNA;

quence similarity 213, member B (FAM213B), transcript variant 8, non-coding RNA; gi|307691195|ref|N

NM\_001195799.1| Homo sapiens low density lipoprotein receptor (LDLR), transcript variant 3, mRNA;

iens ZNFX1 antisense RNA 1 (non-protein coding) (ZNFX1-AS1), transcript variant 4, non-coding RNA;

mo sapiens interferon regulatory factor 3 (IRF3), transcript variant 9, non-coding RNA; gi|308199457|re

308210792|ref|NM\_001048224.2| Homo sapiens dysbindin (dystrobrevin binding protein 1) domain co

pt variant 6, mRNA; gi|308522749|ref|NM\_001197239.1| Homo sapiens butyrophilin, subfamily 2, mer

cript variant 1, mRNA;

gi|308818137|ref|NM\_001190879.2| Homo sapiens origin recognition complex, subunit 4 (ORC4), trar

ier D (CLEC2D), transcript variant 5, mRNA; gi|309243118|ref|NM\_001197317.1| Homo sapiens C-type

e 1 (OXR1), transcript variant 5, mRNA;

.4), transcript variant 2, mRNA;

cal LOC100507212, transcript variant 3 (LOC100507212), miscRNA; gi|310120521|ref|XR\_110414.1| PR

al LOC100507675, transcript variant 3 (LOC100507675), miscRNA; gi|310120716|ref|XR\_110918.1| PR



cal LOC100506676, transcript variant 1 (LOC100506676), miscRNA; gi|310113029|ref|XR\_111661.1| PR



cal LOC100507372, transcript variant 3 (LOC100507372), miscRNA; gi|310123876|ref|XR\_109518.1| PR

cal LOC100505991, transcript variant 1 (LOC100505991), miscRNA;



cal LOC100506014, transcript variant 2 (LOC100506014), miscRNA; gi|310114096|ref|XR\_112282.1| PR

cal LOC100507291, transcript variant 4 (LOC100507291), miscRNA; gi|310119294|ref|XR\_108496.1| PR

cal LOC100507239, transcript variant 2 (LOC100507239), miscRNA; gi|310114544|ref|XR\_112583.1| PR

cal LOC100505719, transcript variant 2 (LOC100505719), miscRNA; gi|310119601|ref|XR\_110559.1| PR

.003120014.2| PREDICTED: Homo sapiens coiled-coil domain-containing protein 162-like, transcript vari

cal LOC100505500, transcript variant 1 (LOC100505500), miscRNA; gi|310119893|ref|XR\_108722.1| PR

cal LOC100506130, transcript variant 1 (LOC100506130), miscRNA; gi|310119921|ref|XR\_108747.1| PR



alpha 1 chain-like, transcript variant 2 (LOC100509457), mRNA;

LOC100506725, transcript variant 1 (LOC100506725), miscRNA; gi|310119951|ref|XR\_108768.1| PR

transcript variant 2 (LOC100507042), miscRNA;

4B, transcript variant 4 (RASA4B), mRNA; gi|310120066|ref|XM\_003118598.1| PREDICTED: Homo sapi  
LOC100506683, transcript variant 4 (LOC100506683), miscRNA; gi|310118395|ref|XR\_110721.1| PR

LOC100506860, transcript variant 1 (LOC100506860), miscRNA; gi|310120092|ref|XR\_108814.1| PR  
LOC100506881, transcript variant 1 (LOC100506881), miscRNA; gi|310118427|ref|XR\_110754.1| PR



cal LOC100506380, transcript variant 2 (LOC100506380), miscRNA; gi|310115394|ref|XR\_113093.1| PR

LOC100506032), mRNA; gi|310118666|ref|XM\_003119126.1| PREDICTED: Homo sapiens neuroblastor

cal LOC100506797, transcript variant 1 (LOC100506797), miscRNA;





cal LOC100505813, transcript variant 3 (LOC100505813), miscRNA; gi|341914617|ref|XR\_133411.1| PR

cal LOC100507546, transcript variant 1 (LOC100507546), miscRNA; gi|310114884|ref|XR\_112803.1| PR

cal LOC100505644, transcript variant 2 (LOC100505644), miscRNA; gi|310115158|ref|XR\_112968.1| PR

cal LOC100506098, transcript variant 2 (LOC100506098), miscRNA; gi|310118233|ref|XR\_110647.1| PR

cal LOC100289098, transcript variant 2 (LOC100289098), miscRNA; gi|310118312|ref|XR\_110688.1| PR

cal LOC100128737, transcript variant 1 (LOC100128737), miscRNA; gi|310115341|ref|XR\_113067.1| PR

cal LOC100505606, transcript variant 2 (LOC100505606), miscRNA;







cal LOC100506294, transcript variant 2 (LOC100506294), miscRNA; gi|341913962|ref|XR\_133072.1| PR

t 3 (LOC100288332), mRNA;





cal LOC100505874, transcript variant 1 (LOC100505874), miscRNA; gi|310117946|ref|XR\_113287.1| PR

cal LOC100505650, transcript variant 2 (LOC100505650), miscRNA; gi|310113618|ref|XR\_112002.1| PR  
, mRNA; gi|310124635|ref|XM\_003119077.1| PREDICTED: Homo sapiens proline-rich nuclear receptor  
cal LOC100507312, transcript variant 3 (LOC100507312), miscRNA;

nt 2 (LOC645321), miscRNA; gi|310123790|ref|XR\_110162.1| PREDICTED: Homo sapiens hypothetical



50367|ref|NM\_001198618.1| Homo sapiens microtubule-associated protein 7 (MAP7), transcript varia

1198622.1| Homo sapiens tumor necrosis factor (ligand) superfamily, member 13 (TNFSF13), transcript  
3436.1| Homo sapiens outer dense fiber of sperm tails 2 (ODF2), transcript variant 4, mRNA; gi|334278

38|ref|NM\_001198674.1| Homo sapiens transmembrane protein 136 (TMEM136), transcript variant 6,

1), transcript variant 9, mRNA; gi|310923087|ref|NM\_175634.2| Homo sapiens runt-related transcripti  
ion-metastatic cells 2, protein (NM23B) expressed in (NME2), transcript variant 4, mRNA;

gi|311201829|ref|NR\_037155.1| Homo sapiens septin 4 (SEPT4), transcript variant 5, non-coding RN

tein (G protein), gamma transducing activity polypeptide 2 (GNMT2), transcript variant 3, mRNA;

ref|NM\_001198820.1| Homo sapiens APOBEC1 complementation factor (A1CF), transcript variant 6, mF

o sapiens copine I (CPNE1), transcript variant 5, mRNA;

93389|ref|NM\_001003713.2| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial Fo complex,

sapiens YY1 associated protein 1 (YY1AP1), transcript variant 8, mRNA; gi|312032431|ref|NM\_001198908.1|

nt 2, mRNA; gi|312032442|ref|NM\_001198908.1| Homo sapiens coiled-coil domain containing 169 (CCDC169),

activators of dibasic and neutral amino acid transport), member 2 (SLC3A2), transcript variant 6, mRNA;





transcript variant 5, mRNA; gi|312176394|ref|NM\_001198966.1| Homo sapiens nuclear factor of activ

RNA;

ansporting, type 2C, member 1 (ATP2C1), transcript variant 8, mRNA; gi|312836761|ref|NM\_014382.3

kinase 2 (AK2), transcript variant 5, non-coding RNA;

ranscript variant 4, mRNA;

199256.1| Homo sapiens shugoshin-like 1 (S. pombe) (SGOL1), transcript variant C4, mRNA; gi|3129223  
cylglycerol kinase, zeta (DGKZ), transcript variant 3, mRNA; gi|157688563|ref|NM\_001105540.1| Homi





nal protein L17 (RPL17), transcript variant 5, mRNA; gi|313569775|ref|NM\_001199344.1| Homo sapiens

membrane protein band 4.1-like 2 (EPB41L2), transcript variant 2, mRNA; gi|358030306|ref|NM\_001199348.1| Homo sapiens  
neurokinin A)-related kinase 1 (NEK1), transcript variant 1, mRNA;

3, non-coding RNA;

|NM\_001199621.1| Homo sapiens nuclear receptor coactivator 7 (NCOA7), transcript variant 5, mRNA;

iens programmed cell death 2 (PDCD2), transcript variant 2, mRNA;

l), transcript variant 3, mRNA;

carrier family 4, anion exchanger, member 2 (erythrocyte membrane protein band 3-like 1) (SLC4A2), ti



osine phosphatase, non-receptor type 7 (PTPN7), transcript variant 5, non-coding RNA;

4051.3 | Homo sapiens G protein-coupled receptor associated sorting protein 2 (GPRASP2), transcript va

A;

rotein 3 (DAP3), transcript variant 4, mRNA;

iber 2 (KCNA2), transcript variant 1, mRNA; gi|315434244|ref|NM\_001199860.1| Homo sapiens pota:

all EDRK-rich factor 2 (SERF2), transcript variant 6, non-coding RNA;



., mRNA; gi|316983155|ref|NM\_001199983.1| Homo sapiens NADH dehydrogenase (ubiquinone) Fe-S



037617|ref|NM\_001200050.1| Homo sapiens N-acetylneuraminate pyruvate lyase (dihydrodipicolinate

4), transcript variant 2, mRNA;

ptor subfamily 1, group I, member 3 (NR1I3), transcript variant 7, mRNA; gi|319057501|ref|NM\_00107

transcript variant 4, mRNA; gi|319996629|ref|NM\_001201546.1| Homo sapiens solute carrier family 1

nc finger protein 559 (ZNF559), transcript variant 4, mRNA; gi|320202979|ref|NM\_001202410.1| Homo

l), transcript variant 5, mRNA; gi|321117042|ref|NM\_001202466.1| Homo sapiens zinc finger, MYND-t

reptor 2 (CRHR2), transcript variant 4, mRNA;

FLAR), transcript variant 4, mRNA; gi|321267562|ref|NM\_001127183.2| Homo sapiens CASP8 and FAD

ranscript variant 1, mRNA; gi|321400113|ref|NM\_001202545.1| Homo sapiens cut-like homeobox 1 (C

anscript variant 1, mRNA;

iens interleukin 17 receptor C (IL17RC), transcript variant 1, mRNA; gi|322812169|ref|NM\_001203264.:

t 2, mRNA; gi|322812175|ref|NM\_025260.3| Homo sapiens chromosome 6 open reading frame 25 (C6

.5057.1| Homo sapiens interleukin 18 binding protein (IL18BP), transcript variant G, mRNA; gi|32309834

RNA;

1\_001204079.1| Homo sapiens ankyrin repeat and sterile alpha motif domain containing 1B (ANKS1B), t

ng system 1 (MINOS1), nuclear gene encoding mitochondrial protein, transcript variant 5, mRNA; gi|323

mRNA; gi|323462141|ref|NM\_138627.3| Homo sapiens BCL2-like 11 (apoptosis facilitator) (BCL2L11),

deacetylase 9 (HDAC9), transcript variant 10, mRNA; gi|7662279|ref|NM\_014707.1| Homo sapiens histone c

protein 13, mRNA; gi|323462156|ref|NM\_001204141.1| Homo sapiens methyl-CpG binding domain protein 1

1 of tumorigenicity 1 (NBL1), transcript variant 5, mRNA;

IA;



nsript variant 9, mRNA; gi|323668324|ref|NM\_001126242.2| Homo sapiens tumor protein p73 (TP73

l containing ion transport regulator 6 (FXVD6), transcript variant 2, mRNA;

18403|ref|NM\_000484.3| Homo sapiens amyloid beta (A4) precursor protein (APP), transcript variant 1

variant 2, mRNA; gi|324073379|ref|NR\_037910.1| Homo sapiens prolactin receptor (PRLR), transcript \

biquitin protein ligase (RCHY1), transcript variant 2, mRNA; gi|324120887|ref|NM\_001009922.2| Hom

20963|ref|NM\_001204289.1| Homo sapiens mucin 1, cell surface associated (MUC1), transcript variant

apiens paired-like homeodomain 2 (PITX2), transcript variant 4, mRNA;

'3|ref|NM\_001204416.1| Homo sapiens regulator of G-protein signaling 6 (RGS6), transcript variant 1, r

no sapiens calcium/calmodulin-dependent protein kinase II gamma (CAMK2G), transcript variant 4, mRf

iant 3, mRNA;

nc finger protein 568 (ZNF568), transcript variant 6, mRNA;

script variant 4, mRNA; gi|325652030|ref|NM\_005648.3| Homo sapiens transcription elongation factor 4 (FAS), transcript variant 7, non-coding RNA; gi|325652050|ref|NM\_000043.4| Homo sapiens Fas (TNF

αA; gi|325652071|ref|NM\_003763.5| Homo sapiens syntaxin 16 (STX16), transcript variant 2, mRNA; gi

γ protein 1 (WISP1), transcript variant 1, mRNA;

ens Berardinelli-Seip congenital lipodystrophy 2 (seipin) (BSCL2), transcript variant 3, mRNA; transcript variant 6, mRNA; gi|325910896|ref|NM\_001204886.1| Homo sapiens RAB43, member RAS oncogene

ATG13 autophagy related 13 homolog (*S. cerevisiae*) (ATG13), transcript variant 6, mRNA; gi|326807038

MT), transcript variant 1, mRNA;

ase long-chain family member 6 (ACSL6), transcript variant 6, mRNA; gi|327412322|ref|NM\_001205248



17910|ref|NM\_001039459.2| Homo sapiens engulfment and cell motility 1 (ELMO1), transcript variant

s-related cysteine peptidase (CASP10), transcript variant 3, mRNA; gi|330864668|ref|NM\_032974.4| H

piens sortilin-related VPS10 domain containing receptor 1 (SORCS1), transcript variant 2, mRNA; gi|3310

lear antigen (SP100), transcript variant 5, mRNA;

05|ref|NR\_038160.1| Homo sapiens mitochondrial ribosomal protein L42 (MRPL42), transcript variant

se 8 (alpha (1,6) fucosyltransferase) (FUT8), transcript variant 5, non-coding RNA;

ate kinase, muscle (PKM2), transcript variant 5, mRNA; gi|332164771|ref|NM\_002654.4| Homo sapien:

ed 1 (GSG1), transcript variant 2, mRNA; gi|332309140|ref|NM\_001080554.2| Homo sapiens germ cell

.4A1), transcript variant 3, mRNA;

te 1 homolog (MRVI1), transcript variant 6, mRNA; gi|332634590|ref|NM\_001100167.2| Homo sapiens

itin sulfate proteoglycan 5 (neuroglycan C) (CSPG5), transcript variant 5, mRNA;

s advanced glycosylation end product-specific receptor (AGER), transcript variant 7, mRNA; gi|33280098  
A3), transcript variant 1, mRNA; gi|332800975|ref|NM\_004207.3| Homo sapiens solute carrier family 1

3orf26), transcript variant 1, mRNA;  
\_001206986.1| Homo sapiens methyltransferase like 23 (METTL23), transcript variant 5, mRNA; gi|3328

aptor subfamily 1, group H, member 4 (NR1H4), transcript variant 6, mRNA; gi|332801064|ref|NM\_001

er, betaine/GABA), member 12 (SLC6A12), transcript variant 3, mRNA;

OC100616530), transcript variant 9, non-coding RNA; gi|333108243|ref|NR\_038205.1| Homo sapiens t

\_001207048.1| Homo sapiens beta-site APP-cleaving enzyme 1 (BACE1), transcript variant e, mRNA;

: 3 beta (DNMT3B), transcript variant 6, mRNA; gi|28559059|ref|NM\_006892.3| Homo sapiens DNA (cy

transcript variant 3, mRNA;

ef|NM\_001207040.1| Homo sapiens ets variant 7 (ETV7), transcript variant 7, mRNA; gi|333470736|ref

for type, O (PTPRO), transcript variant 1, mRNA; gi|333609287|ref|NM\_002848.3| Homo sapiens prote

th sequence similarity 181, member A (FAM181A), transcript variant 4, mRNA;

2, mRNA;

omo sapiens protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (lipr

mRNA; gi|333805644|ref|NM\_170677.3| Homo sapiens Meis homeobox 2 (MEIS2), transcript variant

|ref|NM\_001220491.1| Homo sapiens cadherin 13, H-cadherin (heart) (CDH13), transcript variant 5, mF

5702 (LOC100505702), transcript variant 3, non-coding RNA; gi|334085197|ref|NR\_038303.1| Homo sa

gi|334085224|ref|NM\_001220773.1| Homo sapiens IKAROS family zinc finger 1 (Ikaros) (IKZF1), transcr  
5746 (LOC100505746), transcript variant 5, non-coding RNA; gi|334085233|ref|NR\_038311.1| Homo sa

CHL5), transcript variant 3, mRNA;

transcript variant 2, mRNA;



D repeat domain 20 (WDR20), transcript variant 2, mRNA; gi|334848136|ref|NM\_001242415.1| Homo

omain), member 5 (LILRA5), transcript variant 1, mRNA;

apiens growth hormone receptor (GHR), transcript variant 4, mRNA; gi|335057514|ref|NM\_001242405

ens zinc finger protein 345 (ZNF345), transcript variant 3, mRNA;

IM\_001242486.1| Homo sapiens eukaryotic translation initiation factor 1A domain containing (EIF1AD),

th sequence similarity 156, member A (FAM156A), transcript variant 6, mRNA; gi|335334970|ref|NM\_0

plex subunit 16 (ANAPC16), transcript variant 4, mRNA; gi|335892800|ref|NM\_001242547.1| Homo s:

major facilitator superfamily domain containing 11 (MFSD11), transcript variant 3, mRNA; gi|335892874

omo sapiens mitogen-activated protein kinase kinase kinase kinase 4 (MAP4K4), transcript variant 4, mR

5779 (LOC100506779), transcript variant 5, non-coding RNA; gi|336176050|ref|NR\_038417.1| Homo sa

no sapiens glucose-fructose oxidoreductase domain containing 1 (GFOD1), transcript variant 4, mRNA;

en-like domains 1 (LIMS1), transcript variant 6, mRNA; gi|336455028|ref|NM\_001193483.2| Homo sapi





l, transcript variant 3, mRNA;



io sapiens methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 1-like (MTHFD1L), nuclear ge













| Homo sapiens discs, large (Drosophila) homolog-associated protein 1 (DLGAP1), transcript variant 2, n

22095|ref|NM\_153345.2| Homo sapiens transmembrane protein 139 (TMEM139), transcript variant 1,



, transcript variant 1, mRNA; gi|338753359|ref|NR\_040009.1| Homo sapiens inhibitor of kappa light po

NA polymerase III transcription initiation factor IIIB (*S. cerevisiae*) (BRF1), transcript variant 1, mRNA; gi|

| Homo sapiens bromodomain, testis-specific (BRDT), transcript variant 5, mRNA; gi|338797754|ref|NM

entially expressed in FDCP 8 homolog (mouse) (DEF8), transcript variant 9, mRNA; gi|338797800|ref|NM

5686 (LOC100506686), transcript variant 2, non-coding RNA;

7616 (LOC100287616), transcript variant 3, non-coding RNA;

sapiens NDRG family member 4 (NDRG4), transcript variant 6, mRNA; gi|338827669|ref|NM\_00124283

Homo sapiens zinc finger protein 195 (ZNF195), transcript variant 12, mRNA; gi|378744220|ref|NR\_046

3, cAMP-dependent, catalytic, beta (PRKACB), transcript variant 1, mRNA; gi|46909586|ref|NM\_207578

3, mRNA;

NM\_001242868.1| Homo sapiens SLAIN motif family, member 1 (SLAIN1), transcript variant 3, mRNA;

revisiae) (ELP2), transcript variant 5, mRNA; gi|338968884|ref|NM\_001242875.1| Homo sapiens elong  
ing (CARKD), transcript variant 3, mRNA; gi|338968895|ref|NM\_018210.3| Homo sapiens carbohydrate

.| Homo sapiens dopa decarboxylase (aromatic L-amino acid decarboxylase) (DDC), transcript variant 6,  
ning E1, RNA-binding (CSDE1), transcript variant 5, mRNA; gi|338968928|ref|NM\_001130523.2| Homo

ens zinc finger protein 410 (ZNF410), transcript variant 2, mRNA;

80|ref|NM\_001242919.1| Homo sapiens zinc finger, AN1-type domain 6 (ZFAND6), transcript variant 1

182936.1| Homo sapiens solute carrier family 8 (sodium/calcium exchanger), member 3 (SLC8A3), trans



omo sapiens suppressor of variegation 3-9 homolog 2 (Drosophila) (SUV39H2), transcript variant 1, mRNA

4; gi|341823667|ref|NM\_177530.2| Homo sapiens sulfotransferase family, cytosolic, 1A, phenol-prefer

n 1 (NUSAP1), transcript variant 5, mRNA;

cal LOC100506913, transcript variant 3 (LOC100506913), miscRNA;

i53137), mRNA; gi|341913691|ref|XM\_003403630.1| PREDICTED: Homo sapiens cadherin-23-like, tran:



al LOC100506869 (LOC100506869), miscRNA; gi|341913823|ref|XR\_133006.1| PREDICTED: Homo sap





cal LOC100506694, transcript variant 4 (LOC100506694), miscRNA; gi|341915847|ref|XR\_132651.1| PR

mRNA; gi|341914287|ref|XM\_003403723.1| PREDICTED: Homo sapiens signal-regulatory protein beta-









o sapiens IQ motif containing with AAA domain 1 pseudogene 1 (IQCA1P1), miscRNA; gi|341915053|ref

EDICTED: Homo sapiens KIAA0146, transcript variant 7 (KIAA0146), mRNA; gi|336176030|ref|NM\_0010

cal LOC100507316, transcript variant 3 (LOC100507316), miscRNA; gi|310120277|ref|XR\_108897.1| PR

apiens protein FRG1-like (LOC100289097), mRNA; gi|341914894|ref|XM\_003403841.1| PREDICTED: Hc

DRB1-7 beta chain-like, transcript variant 2 (LOC100507714), mRNA; gi|310124933|ref|XM\_00311929:

al LOC100506027, transcript variant 2 (LOC100506027), miscRNA; gi|341914703|ref|XR\_133455.1| PR







PREDICTED: Homo sapiens hypothetical LOC100287329 (LOC100287329), miscRNA; gi|310125126|ref|:





.OC100507645), miscRNA; gi|341915562|ref|XR\_110915.2| PREDICTED: Homo sapiens hypothetical LO

cRNA; gi|341913802|ref|XR\_132994.1| PREDICTED: Homo sapiens hypothetical LOC100288366 (LOC10



int 5 (LOC645722), miscRNA; gi|341915800|ref|XR\_132632.1| PREDICTED: Homo sapiens hypothetical



nsript variant 4 (LOC100287515), mRNA; gi|310124320|ref|XM\_003119215.1| PREDICTED: Homo sapi

gi|341916068|ref|XM\_003119116.2| PREDICTED: Homo sapiens killer cell immunoglobulin-like recept

alpha 1 chain-like, transcript variant 2 (LOC100507718), mRNA;

domains, short cytoplasmic tail, 2, transcript variant 4 (KIR2DS2), mRNA; gi|341916323|ref|XM\_003403

se l, C, 110kDa (TAF1C), transcript variant 2, mRNA; gi|341926284|ref|NM\_001243158.1| Homo sapien

transcript variant 3, mRNA;  
nuclear factor of activated T-cells 5, tonicity-responsive (NFAT5), transcript variant 4, mRNA; gi|342672C

4 (TCF4), transcript variant 8, mRNA; gi|342672070|ref|NM\_001243233.1| Homo sapiens transcriptior

336176061|ref|NM\_184234.2| Homo sapiens RNA binding motif protein 39 (RBM39), transcript variant



ermease regulator-like 3 (*S. cerevisiae*) (NPRL3), transcript variant 3, mRNA;

!IC4), transcript variant 7, non-coding RNA; gi|270265861|ref|NM\_001168378.1| Homo sapiens Zic fam

s acyl-CoA synthetase family member 3 (ACSF3), nuclear gene encoding mitochondrial protein, transcrip

!), transcript variant 1, mRNA; gi|343183400|ref|NM\_001114099.2| Homo sapiens seizure related 6 ho

I335221|ref|NM\_183011.1| Homo sapiens cAMP responsive element modulator (CREM), transcript var

gi|343478198|ref|NM\_001033554.2| Homo sapiens sperm antigen with calponin homology and coiled-

RNA; gi|343776781|ref|NM\_001243505.1| Homo sapiens estrogen-related receptor gamma (ESRRG), t

pt variant 2, mRNA; gi|343790972|ref|NM\_018640.4| Homo sapiens LIM domain only 3 (rhombotin-lik

f|NR\_027178.1| Homo sapiens C17orf76 antisense RNA 1 (non-protein coding) (C17orf76-AS1), transcri

sapiens LETM1 domain containing 1 (LETMD1), transcript variant 5, non-coding RNA; gi|344030195|ref|N

pressed 264 (TEX264), transcript variant 1, mRNA;  
transcript variant 4, non-coding RNA;

, transcript variant 5, mRNA;

transcript variant 4, mRNA; gi|344217760|ref|NM\_001243749.1| Homo sapiens chromosome 7 open re

omo sapiens anterior pharynx defective 1 homolog A (C. elegans) (APH1A), transcript variant 4, mRNA; g

/ with sequence similarity 213, member A (FAM213A), transcript variant 5, mRNA; gi|148596958|ref|NI

gi|344925868|ref|NM\_001243787.1| Homo sapiens single-strand-selective monofunctional uracil-DN/

it 1, mRNA;

ns tumor protein D52-like 2 (TPD52L2), transcript variant 5, mRNA; gi|345197263|ref|NM\_001243892.1

VA; gi|345478660|ref|NM\_002767.3| Homo sapiens phosphoribosyl pyrophosphate synthetase-associated  
ns neural precursor cell expressed, developmentally down-regulated 4-like, E3 ubiquitin protein ligase (l  
o sapiens ring finger protein 146 (RNF146), transcript variant 7, mRNA; gi|345478688|ref|NR\_045103.1

ding frame 44 (C15orf44), transcript variant 7, non-coding RNA; gi|345478719|ref|NR\_045107.1| Homo

variant 1, mRNA;

\_001206484.2| Homo sapiens activating transcription factor 3 (ATF3), transcript variant 5, mRNA;

ant 4, mRNA; gi|346716182|ref|NM\_139350.2| Homo sapiens bridging integrator 1 (BIN1), transcript v

, mRNA; gi|346986473|ref|NM\_174956.2| Homo sapiens ATPase, Ca++ transporting, ubiquitous (ATP2

347300421|ref|NM\_197966.2| Homo sapiens BH3 interacting domain death agonist (BID), transcript va

16696|ref|NM\_001161009.2| Homo sapiens armadillo repeat containing 10 (ARMC10), transcript variar

ariant 3, mRNA; gi|348605232|ref|NM\_001244815.1| Homo sapiens forkhead box P1 (FOXP1), transcrip

(CHEK1), transcript variant 5, non-coding RNA;

ariant 2, mRNA; gi|349732191|ref|NM\_001244898.1| Homo sapiens polypyrimidine tract binding prote



uctase (STEAP2), transcript variant 2, mRNA; gi|100913197|ref|NM\_001040666.1| Homo sapiens STEAP2

ar factor I/C (CCAAT-binding transcription factor) (NFIC), transcript variant 3, mRNA;

RNA;

sapiens aryl hydrocarbon receptor nuclear translocator-like 2 (ARNTL2), transcript variant 4, mRNA;

-3-kinase, regulatory subunit 5 (PIK3R5), transcript variant 4, mRNA; gi|353523781|ref|NM\_001142633

ript variant 1, mRNA;

aptor subfamily 1, group H, member 3 (NR1H3), transcript variant 3, mRNA;

), transcript variant 1, mRNA; gi|354459355|ref|NM\_001251922.1| Homo sapiens RAP1B, member of I

ns RCAN family member 3 (RCAN3), transcript variant 5, mRNA; gi|354548851|ref|NM\_001251985.1| F  
;26|ref|NM\_001206672.2| Homo sapiens resistance to inhibitors of cholinesterase 3 homolog (C. elega

nt 1, mRNA; gi|354682002|ref|NR\_045417.1| Homo sapiens A kinase (PRKA) interacting protein 1 (AKI

omo sapiens torsin family 2, member A (TOR2A), transcript variant 6, mRNA; gi|354721135|ref|NM\_001  
4, mRNA;

153.1 | Homo sapiens protein-L-isoaspartate (D-aspartate) O-methyltransferase (PCMT1), transcript varia

· family 9, subfamily A (NHE3, cation proton antiporter 3), member 3 regulator 2 (SLC9A3R2), transcript

NM\_001252093.1 | Homo sapiens muscle RAS oncogene homolog (MRAS), transcript variant 6, mRNA;

ine/threonine kinase (PAK), transcript variant 1, mRNA;

sapiens solute carrier family 39 (zinc transporter), member 9 (SLC39A9), transcript variant 1, mRNA;

ence similarity 69, member A (FAM69A), transcript variant 2, mRNA;

252385.1| Homo sapiens TNFAIP3 interacting protein 1 (TNIP1), transcript variant 1, mRNA; gi|3568747

72|ref|NM\_001112802.1| Homo sapiens solute carrier family 8 (sodium/calcium exchanger), member :

o sapiens GULP, engulfment adaptor PTB domain containing 1 (GULP1), transcript variant 1, mRNA;  
uclear gene encoding mitochondrial protein, transcript variant 4, mRNA;

rotein L15 (RPL15), transcript variant 3, mRNA;

iens dystroglycan 1 (dystrophin-associated glycoprotein 1) (DAG1), transcript variant 12, mRNA; gi|358  
, non-coding RNA;

transcript variant 3, mRNA; gi|282165705|ref|NM\_001170630.1| Homo sapiens tight junction protein 2 (z

Homo sapiens erbb2 interacting protein (ERBB2IP), transcript variant 9, mRNA;

peptide receptor 1 (RXFP1), transcript variant 12, non-coding RNA; gi|359279873|ref|NM\_001253730.1

zinc finger protein 331 (ZNF331), transcript variant 3, mRNA; gi|359385691|ref|NM\_001253801.1| Homo

sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 14 (GalNAc

set domain containing T cell activation inhibitor 1 (VTCN1), transcript variant 5, non-coding RNA;

lpha hydroxysteroid dehydrogenase, type III) (AKR1C2), transcript variant 3, mRNA;

: homolog (mouse) (MEST), transcript variant 5, mRNA; gi|359806814|ref|NM\_002402.3| Homo sapien

v1\_015173.3| Homo sapiens TBC1 (tre-2/USP6, BUB2, cdc16) domain family, member 1 (TBC1D1), transcr

it 7, mRNA; gi|360039218|ref|NM\_001254719.1| Homo sapiens myosin binding protein C, slow type (M

or-related protein complex 4, sigma 1 subunit (AP4S1), transcript variant 6, mRNA; gi|361050330|ref|N

ipt variant 1, mRNA;

2, mRNA;

ie encoding mitochondrial protein, transcript variant 2, mRNA; gi|363547906|ref|NM\_015700.3| Homoc

-coding RNA; gi|363814496|ref|NM\_020159.4| Homo sapiens SWI/SNF-related, matrix-associated activator

1 (PMEPA1), transcript variant 3, mRNA;

responsive element binding protein 3-like 4 (CREB3L4), transcript variant 6, non-coding RNA; gi|3640238

A; gi|364502946|ref|NM\_001255986.1| Homo sapiens collectin sub-family member 11 (COLEC11), tran

2|ref|NM\_001256016.1| Homo sapiens PSMC3 interacting protein (PSMC3IP), transcript variant 5, mRNA

T14), transcript variant 4, mRNA;

spholipase domain containing 8 (PNPLA8), transcript variant 2, mRNA; gi|365192578|ref|NM\_0012560

no sapiens chloride intracellular channel 5 (CLIC5), transcript variant 6, non-coding RNA; gi|365733558|

ipt variant 3, mRNA;

(C19orf12), transcript variant 6, non-coding RNA; gi|365777414|ref|NM\_001031726.3| Homo sapiens

3|ref|NR\_045774.1| Homo sapiens activating transcription factor 2 (ATF2), transcript variant 13, non-c

ranscript variant 1, mRNA; gi|371123633|ref|NR\_045791.1| Homo sapiens NOP2/Sun domain family, mei

script variant 5, mRNA; gi|371502117|ref|NM\_001126114.2| Homo sapiens tumor protein p53 (TP53),



non-coding RNA; gi|371940848|ref|NM\_014489.3| Homo sapiens post-GPI attachment to proteins 2 (P  
nked 4 (ARMCX4), transcript variant 2, non-coding RNA; gi|371940889|ref|NR\_045864.1| Homo sapier

81|ref|NM\_001256254.1| Homo sapiens egf-like module containing, mucin-like, hormone receptor-like

:ail domain containing 1 (IFLTD1), transcript variant 3, mRNA;

omo sapiens visual system homeobox 1 (VSX1), transcript variant 3, mRNA;

it 2, mRNA; gi|372626413|ref|NM\_001256303.1| Homo sapiens dystrobrevin, beta (DTNB), transcript v  
lin dehydrogenase 15-(NAD) (HPGD), transcript variant 6, mRNA; gi|372624400|ref|NM\_000860.5| Ho

8.4| Homo sapiens thiamine triphosphatase (THTPA), transcript variant 1, mRNA; gi|366039941|ref|NM

hromodomain helicase DNA binding protein 1-like (CHD1L), transcript variant 3, mRNA; gi|373428659|r

rane domain (TM) and short cytoplasmic domain, (semaphorin) 5B (SEMA5B), transcript variant 2, mRNA.  
ipt variant 4, mRNA;

g RNA;

8795|ref|NM\_001256328.1| Homo sapiens calcium channel, voltage-dependent, T type, alpha 1G subu

MAP kinase interacting serine/threonine kinase 1 (MKNK1), transcript variant 1, mRNA;

77.1 | Homo sapiens microtubule-associated protein, RP/EB family, member 2 (MAPRE2), transcript variant 3, mRNA; gi|374081853|ref|NM\_001256410.1| Homo sapiens RAB18, member RAS oncogene family, GTP-binding protein, cytosolic, transcript variant 1, mRNA; gi|374081853|ref|NM\_001256410.1| Homo sapiens ATP synthase mitochondrial F1 complex assembly factor 1 (ATPAF1), nuclear gene encoding

Homo sapiens family with sequence similarity 91, member A2 (FAM91A2), transcript variant 3, non-coding RNA

Homo sapiens PDZ and LIM domain 5 (PDLIM5), transcript variant 7, mRNA; gi|374093200|ref|NM\_001011513.1|

zinc finger protein 7B (ZBTB7B), transcript variant 1, mRNA;

transcript variant 3, mRNA; gi|374253807|ref|NM\_001130684.2| Homo sapiens guanylate cyclase 1, soluble

e and polyadenylation specific factor 3-like (CPSF3L), transcript variant 5, mRNA;

protein, transcript variant 1, mRNA;

D5 antisense RNA 1 (non-protein coding) (FGD5-AS1), transcript variant 2, non-coding RNA;

sapiens cell adhesion molecule 2 (CADM2), transcript variant 1, mRNA; gi|374671755|ref|NM\_001256

in, transcript variant 3, mRNA; gi|374671774|ref|NM\_001256510.1| Homo sapiens single-stranded DN

3, mRNA; gi|374717329|ref|NM\_001256532.1| Homo sapiens misato homolog 1 (Drosophila) (MSTO1  
: carrier family 25 (mitochondrial carrier; citrate transporter), member 1 (SLC25A1), transcript variant 3,

;

al cortex 1 (with BTB-like domain) (ENC1), transcript variant 5, non-coding RNA;

577|ref|NM\_001256600.1| Homo sapiens tripartite motif containing 46 (TRIM46), transcript variant 3, mRNA; transcript variant 4, mRNA; Homo sapiens 5-hydroxytryptamine (serotonin) receptor 3E, ionotropic (HTR3E), transcript variant 1, mRNA;

orf28), transcript variant 5, mRNA;

NM\_001256630.1| Homo sapiens BR serine/threonine kinase 2 (BRSK2), transcript variant 4, mRNA;

tein 43 (ZNF43), transcript variant 7, mRNA; gi|375331895|ref|NM\_001256650.1| Homo sapiens zinc finger protein 1256660.1| Homo sapiens TEA domain family member 2 (TEAD2), transcript variant 3, mRNA;

Homo sapiens stomatin (EPB72)-like 1 (STOML1), transcript variant 6, mRNA; gi|375493500|ref|NM\_00125667

K), transcript variant 6, mRNA; gi|375493531|ref|NM\_001256685.1| Homo sapiens maternal embryonic  
time 173 (C9orf173), transcript variant 1, mRNA; gi|375493561|ref|NR\_046339.1| Homo sapiens chrom

subunit 10 (ANAPC10), transcript variant 2, mRNA; gi|375493584|ref|NM\_001256709.1| Homo sapien

VA;

ef|NM\_001256728.1| Homo sapiens ubiquitin specific peptidase 39 (USP39), transcript variant 5, mRNA  
;

st variant 1, mRNA; gi|376319225|ref|NM\_012446.3| Homo sapiens single-stranded DNA binding prote  
A; gi|376319235|ref|NM\_024034.4| Homo sapiens ganglioside induced differentiation associated prote

mRNA; gi|377520118|ref|NM\_001256752.1| Homo sapiens peroxisomal biogenesis factor 5-like (PEX5

ily with sequence similarity 49, member B (FAM49B), transcript variant 1, mRNA;

t 2, mRNA; gi|378548210|ref|NM\_001256810.1| Homo sapiens glutamate receptor, metabotropic 4 (G





ipt variant 1, mRNA;

1orf86), transcript variant 9, non-coding RNA; gi|379643014|ref|NM\_001256945.1| Homo sapiens chr

379698845|ref|NM\_001256967.1| Homo sapiens coiled-coil domain containing 51 (CCDC51), transcript  
frame 32 (C12orf32), transcript variant 6, non-coding RNA; gi|380034213|ref|NM\_001257097.1| Homo

nt 1, mRNA;

ptosis-related cysteine peptidase (CASP1), transcript variant 7, mRNA; gi|380254451|ref|NM\_033292.3

lomo sapiens CLR pseudogene (LOC374443), transcript variant 9, non-coding RNA; gi|380422403|ref|NI

box polypeptide 19B (DDX19B), transcript variant 1, mRNA; gi|380503836|ref|NM\_001257174.1| Hom

int 3, non-coding RNA; gi|380503879|ref|NR\_046454.1| Homo sapiens uncharacterized LOC284260 (LC

42|ref|NM\_001257207.1| Homo sapiens fibroblast growth factor 1 (acidic) (FGF1), transcript variant 9,

osis 1 (RIMS1), transcript variant 6, mRNA; gi|270288801|ref|NM\_001168409.1| Homo sapiens regulat

tic control homolog (*S. cerevisiae*)-like 2 (DIS3L2), transcript variant 4, non-coding RNA;

script variant 1, mRNA; gi|381388772|ref|NM\_001257324.1| Homo sapiens amyloid beta (A4) precursc

5| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial F1 complex, alpha subunit 1, cardiac mu

ranscript variant 4, mRNA;

/ expressed 3 (non-protein coding) (MEG3), transcript variant 15, non-coding RNA; gi|290543313|ref|NI

int 8, non-coding RNA; gi|383276542|ref|NR\_047523.1| Homo sapiens uncharacterized LOC643837 (LC

NM\_183228.2| Homo sapiens IKAROS family zinc finger 3 (Aiolos) (IKZF3), transcript variant 2, mRNA;

/drogenase 1-like (HSD11B1L), transcript variant c, mRNA; gi|38424084|ref|NM\_198706.1| Homo sapie

ranscript variant 9, mRNA; gi|38505181|ref|NM\_198716.1| Homo sapiens prostaglandin E receptor 3 (s







NA; gi|382545550|ref|NR\_047516.1| Homo sapiens arrestin, beta 2 (ARRB2), transcript variant 7, non-



no sapiens brain and reproductive organ-expressed (TNFRSF1A modulator) (BRE), transcript variant 3, m



1380.2 | Homo sapiens plectin (PLEC), transcript variant 6, mRNA; gi|41322909|ref|NM\_201381.1| Hor

RNA; gi|41327784|ref|NM\_199073.1| Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subco

M\_001143787.1 | Homo sapiens periphilin 1 (PPHLN1), transcript variant 6, mRNA; gi|41872348|ref|NM



(GIPC1), transcript variant 6, mRNA; gi|42544147|ref|NM\_005716.2| Homo sapiens GIPC PDZ domain c

(NDRG2), transcript variant 2, mRNA; gi|42544215|ref|NM\_201537.1| Homo sapiens NDRG family mer

NM\_203389.2| Homo sapiens ribonuclease/angiogenin inhibitor 1 (RNH1), transcript variant 8, mRNA; ξ

ite motif containing 7 (TRIM7), transcript variant 4, mRNA;











α (PRAME), transcript variant 3, mRNA;



'b myeloblastosis viral oncogene homolog (avian) (MYB), transcript variant 3, mRNA; gi|239735487|ref|

553|ref|NM\_207044.1| Homo sapiens endosulfine alpha (ENSA), transcript variant 4, mRNA; gi|463895

'1|ref|NM\_207296.1| Homo sapiens muscleblind-like splicing regulator 1 (MBNL1), transcript variant 6,

g cassette, sub-family G (WHITE), member 1 (ABCG1), transcript variant 5, mRNA; gi|46592977|ref|NM.

l6909589|ref|NM\_003815.3| Homo sapiens ADAM metallopeptidase domain 15 (ADAM15), transcript





48255936|ref|NM\_001001389.1| Homo sapiens CD44 molecule (Indian blood group) (CD44), transcrip

odiesterase 9A (PDE9A), transcript variant 18, mRNA; gi|48762741|ref|NM\_001001579.1| Homo sapie







. (ANAPC11), transcript variant 6, mRNA; gi|50409795|ref|NM\_001002245.1| Homo sapiens anaphase

4; gi|231569855|ref|NM\_024824.4| Homo sapiens zinc finger CCCH-type containing 14 (ZC3H14), trans  
2| Homo sapiens Kv channel interacting protein 2 (KCNIP2), transcript variant 7, mRNA; gi|50557654|re





cleoprotein D (AU-rich element RNA binding protein 1, 37kDa) (HNRNPD), transcript variant 1, mRNA;

ef|NM\_001003697.1| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial Fo complex, subunit

l51880|ref|NM\_033170.1| Homo sapiens UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypep

h sequence similarity 193, member A (FAM193A), transcript variant 6, non-coding RNA; gi|375331935|r



















|54792103|ref|NM\_000739.2| Homo sapiens cholinergic receptor, muscarinic 2 (CHRM2), transcript v2







NA; gi|154091311|ref|NM\_024971.5| Homo sapiens transient receptor potential cation channel, subfa

-type POZ protein (SPOP), transcript variant 2, mRNA;

RNA;



iscript variant 2, mRNA; gi|56699404|ref|NM\_001006643.1| Homo sapiens solute carrier family 25 (mi

omo sapiens mitogen-activated protein kinase associated protein 1 (MAPKAP1), transcript variant 2, mR





protein 655 (ZNF655), transcript variant 3, mRNA; gi|145701020|ref|NM\_001085368.1| Homo sapiens



I\_001145364.1 | Homo sapiens abhydrolase domain containing 11 (ABHD11), nuclear gene encoding mit

hepatocyte growth factor (hepapoietin A; scatter factor) (HGF), transcript variant 5, mRNA;

ns coiled-coil-helix-coiled-coil-helix domain containing 7 (CHCHD7), transcript variant 4, mRNA; gi|5876





U\_001012632.1| Homo sapiens interleukin 32 (IL32), transcript variant 3, mRNA; gi|61658639|ref|NM\_

t 1, mRNA;



K4), transcript variant 1, mRNA;

homolog (E. coli) (CUTA), transcript variant 2, mRNA;

human folate hydrolase (prostate-specific membrane antigen) 1 (FOLH1), transcript variant 1, mRNA

ctor, 32kDa (TAF9), transcript variant 3, mRNA;

Homo sapiens regulator of G-protein signaling 3 (RGS3), transcript variant 6, mRNA;

t 4 binding protein, beta (C4BPB), transcript variant 2, mRNA;





1a) (TPM1), transcript variant 6, mRNA; gi|63252897|ref|NM\_001018005.1| Homo sapiens tropomyosi

anscript variant 1, mRNA;

3C1), transcript variant 8, mRNA; gi|66528562|ref|NM\_001018075.1| Homo sapiens nuclear receptor s

ur (MYADM), transcript variant 3, mRNA;

inscript variant 9, mRNA; gi|67089156|ref|NM\_033240.2| Homo sapiens promyelocytic leukemia (PML



ipt variant 7, mRNA;

|68800017|ref|NM\_001025237.1| Homo sapiens tetraspanin 4 (TSPAN4), transcript variant 1, mRNA;

03), transcript variant 1, mRNA;





ref|NM\_000457.3| Homo sapiens hepatocyte nuclear factor 4, alpha (HNF4A), transcript variant 2, mRI





6|ref|NM\_001032384.1| Homo sapiens polyglutamine binding protein 1 (PQBP1), transcript variant 5, r

phosphoinositide interacting 2 (WIP12), transcript variant 2, mRNA;

6, mRNA; gi|75812965|ref|NM\_016627.4| Homo sapiens archaeysin family metallopeptidase 2 (AMZ2)  
Mg<sup>2+</sup>/Mn<sup>2+</sup> dependent, 1B (PPM1B), transcript variant 1, mRNA;





ipt variant 3, mRNA;

JA; gi|78000170|ref|NM\_001034957.1| Homo sapiens sorbin and SH3 domain containing 1 (SORBS1), t

035003.1 | Homo sapiens Kv channel interacting protein 4 (KCNIP4), transcript variant 5, mRNA;

cript variant 4, mRNA; gi|78711818|ref|NM\_003001.3 | Homo sapiens succinate dehydrogenase compl

RNA binding protein, homolog 1 (Drosophila) (STAU1), transcript variant T5, mRNA;



l), transcript variant 1, mRNA; gi|321400058|ref|NM\_001202521.1| Homo sapiens discoidin domain re

riant 1, mRNA; gi|84452145|ref|NM\_001038628.1| Homo sapiens beta-1,3-N-acetylgalactosaminyltrar









riant 1, mRNA; gi|88999595|ref|NM\_197954.2| Homo sapiens C-type lectin domain family 7, member

io sapiens tumor necrosis factor receptor superfamily, member 25 (TNFRSF25), transcript variant 7, mRN



mRNA;



ef|NM\_139007.2| Homo sapiens hemochromatosis (HFE), transcript variant 7, mRNA; gi|91718883|ref





f13), transcript variant 2, mRNA;

3), transcript variant 3, mRNA; gi|324072827|ref|NM\_001204354.1| Homo sapiens sparc/osteonectin,



AGTRAP), transcript variant 1, mRNA;

200.1 | Homo sapiens claudin domain containing 1 (CLDND1), transcript variant 7, mRNA;

ternally expressed 10 (PEG10), transcript variant 2, mRNA;







98961155|ref|NM\_001040660.1| Homo sapiens tetratricopeptide repeat domain 23 (TTC23), transcrip

ariant 6, mRNA; gi|98985786|ref|NM\_001040626.1| Homo sapiens neurocalcin delta (NCALD), transcri







iant 3, mRNA; gi|291327488|ref|NM\_001174063.1| Homo sapiens fibroblast growth factor receptor 1 (

, mRNA; gi|109138556|ref|NM\_001042389.1| Homo sapiens protein tyrosine phosphatase, non-recep  
NA; gi|109138581|ref|NM\_001042360.2| Homo sapiens protein tyrosine phosphatase, non-receptor t

1 (WHSC1), transcript variant 1, mRNA;



ssium/chloride transporters), member 6 (SLC12A6), transcript variant 6, mRNA; gi|110224450|ref|NM\_



2), transcript variant 2, mRNA;





2664.1 | Homo sapiens pleckstrin homology domain containing, family G (with RhoGef domain) member







(H), transcript variant gamma2, mRNA;















ef|NM\_000644.2| Homo sapiens amylo-alpha-1, 6-glucosidase, 4-alpha-glucanotransferase (AGL), trans

t variant 7, non-coding RNA; gi|226823325|ref|NM\_001159380.1| Homo sapiens methenyltetrahydrof



ocus (GNAS), transcript variant 4, mRNA; gi|117938760|ref|NM\_080426.2| Homo sapiens GNAS comple





r gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|118582259|ref|NM\_001078174.



piens NLR family, apoptosis inhibitory protein, transcript variant 3 (NAIP), mRNA; gi|119393875|ref|NM

lear gene encoding mitochondrial protein, transcript variant 4, mRNA;

ens caspase 8, apoptosis-related cysteine peptidase (CASP8), transcript variant C, mRNA;









), transcript variant 5, mRNA; gi|124381122|ref|NM\_006718.3| Homo sapiens pleiomorphic adenoma {

|ref|NM\_001160161.1| Homo sapiens sodium channel, voltage-gated, type V, alpha subunit (SCN5A), tr





31095|ref|NM\_016512.3| Homo sapiens sperm associated antigen 11B (SPAG11B), transcript variant A

RNA;





VM\_001082576.1 | Homo sapiens RNA binding protein, fox-1 homolog (C. elegans) 2 (RBFox2), transcrip



Homo sapiens CTAGE family, member 5 (CTAGE5), transcript variant 5, mRNA;

























5890.1 | Homo sapiens catenin (cadherin-associated protein), delta 1 (CTNND1), transcript variant 21, ml

!0|ref|NM\_001164178.1 | Homo sapiens ectonucleoside triphosphate diphosphohydrolase 1 (ENTPD1),



ens heterogeneous nuclear ribonucleoprotein F (HNRNPF), transcript variant 3, mRNA;

alpha 1A subunit (CACNA1A), transcript variant 5, mRNA;

malignant brain tumors 1, transcript variant 2 (DMBT1), mRNA;



o sapiens zinc finger protein 419 (ZNF419), transcript variant 3, mRNA;

48743782|ref|NM\_052999.3| Homo sapiens CKLF-like MARVEL transmembrane domain containing 1 (C









|\_133279.2| Homo sapiens Fc fragment of IgA, receptor for (FCAR), transcript variant 9, mRNA; gi|14995







gi|153090192|ref|NM\_001099749.1| Homo sapiens syntabulin (syntaxin-interacting) (SYBU), transcri



rans MCF.2 cell line derived transforming sequence (MCF2), transcript variant 4, mRNA;













is RAP1, GTP-GDP dissociation stimulator 1 (RAP1GDS1), transcript variant 5, mRNA;

RNA;







|ref|NM\_000883.3| Homo sapiens IMP (inosine 5'-monophosphate) dehydrogenase 1 (IMPDH1), transc







cific (PDE4D), transcript variant 9, mRNA; gi|308387379|ref|NM\_001197220.1| Homo sapiens phospho







inger protein 83 (ZNF83), transcript variant 2, mRNA; gi|157738660|ref|NM\_001105553.1| Homo sapiens



sapiens ribonuclease, RNase A family, 9 (non-active) (RNASE9), transcript variant 7, mRNA; gi|16033341





merlin) (NF2), transcript variant 1, mRNA; gi|163644290|ref|NM\_181833.2| Homo sapiens neurofibron













mannosyl (alpha-1,3-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase (MGAT1), transcript variar







› sapiens mitochondrial ribosomal protein L52 (MRPL52), nuclear gene encoding mitochondrial protein,

› sapiens mitochondrial ribosomal protein L55 (MRPL55), nuclear gene encoding mitochondrial protein,





is lipoyltransferase 1 (LIPT1), nuclear gene encoding mitochondrial protein, transcript variant 5, mRNA; i















7196.1 | Homo sapiens CCHC-type zinc finger, nucleic acid binding protein (CNBP), transcript variant 6, m

apiens CD59 molecule, complement regulatory protein (CD59), transcript variant 7, mRNA; gi|18782910

574.2 | Homo sapiens protein phosphatase 2, regulatory subunit B, beta (PPP2R2B), transcript variant 2,





i.3 | Homo sapiens choline O-acetyltransferase (CHAT), transcript variant N2, mRNA;

VA; gi|189083723|ref|NM\_001127643.1| Homo sapiens gamma-aminobutyric acid (GABA) A receptor,

3SN), transcript variant 7, mRNA;

transcript variant 9, mRNA;

1\_001127700.1| Homo sapiens serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin),



cdc42/Rac)-activated kinase 3 (PAK3), transcript variant 6, mRNA;

transcript variant 2, mRNA; gi|312147277|ref|NM\_001198943.1| Homo sapiens dystrobrevin, alpha (DTNA),







iber 4 (SMARCA4), transcript variant 2, mRNA; gi|192807319|ref|NM\_001128848.1| Homo sapiens SW

.1| Homo sapiens poly(rC) binding protein 2 (PCBP2), transcript variant 6, mRNA;



l129731.1 | Homo sapiens pleckstrin homology domain containing, family G (with RhoGef domain) mem

LC subunit (CACNA1C), transcript variant 11, mRNA; gi|264681415|ref|NM\_001167623.1| Homo sapier





rain containing, family B (eectins) member 1 (PLEKHB1), transcript variant 5, mRNA;

IC1), nuclear gene encoding mitochondrial protein, transcript variant 5, mRNA;

actin binding LIM protein family, member 2 (ABLIM2), transcript variant 6, mRNA; gi|194272199|ref|NI



riant gamma-2, mRNA;

nt 2, mRNA;







Homo sapiens RAB, member of RAS oncogene family-like 2B (RABL2B), transcript variant 4, mRNA; gi|19596342

dominant/recessive) (DYSF), transcript variant 13, mRNA; gi|195976774|ref|NM\_001130985.1| Homo sapiens dy

Homo sapiens interleukin 5 receptor, alpha (IL5RA), transcript variant 7, mRNA;



ens RAD17 homolog (S. pombe) (RAD17), transcript variant 1, mRNA; gi|19718789|ref|NM\_133341.1| †

glycosylase (OGG1), nuclear gene encoding mitochondrial protein, transcript variant 1b, mRNA; gi|1972













riant 9, non-coding RNA; gi|201860289|ref|NR\_024137.1| Homo sapiens ghrelin/obestatin prepropept

tilisin/kexin type 6 (PCSK6), transcript variant 3, mRNA; gi|27894284|ref|NM\_138325.2| Homo sapiens

cript variant 3, mRNA;

f|NM\_139201.2| Homo sapiens G protein-coupled receptor kinase interacting ArfGAP 2 (GIT2), transcri







3 (NLRP3), transcript variant 1, mRNA;

1, mRNA; gi|208973241|ref|NM\_001135701.1| Homo sapiens tyrosine 3-monooxygenase/tryptophan



t 4, mRNA; gi|343478276|ref|NM\_001243474.1| Homo sapiens StAR-related lipid transfer (START) don

10.1 | Homo sapiens FXYP domain containing ion transport regulator 3 (FXYP3), transcript variant 6, mR

nscript variant 8, mRNA; gi|209862986|ref|NM\_130474.2| Homo sapiens MAP-kinase activating death

on channel, subfamily C, member 4 (TRPC4), transcript variant gamma, mRNA; gi|209863025|ref|NM\_0

nide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase

36109.1 | Homo sapiens caspase 5, apoptosis-related cysteine peptidase (CASP5), transcript variant b, m

JA; gi|343478177|ref|NM\_001243429.1| Homo sapiens v-ets erythroblastosis virus E26 oncogene hom

|ref|NM\_130802.2| Homo sapiens multiple endocrine neoplasia I (MEN1), transcript variant e1D, mRNA











ref|NM\_172082.2| Homo sapiens calcium/calmodulin-dependent protein kinase II beta (CAMK2B), tran:

54|ref|NM\_172115.2| Homo sapiens calcium/calmodulin-dependent protein kinase II delta (CAMK2D),









beta (A4) precursor-like protein 2 (APLP2), transcript variant 1, mRNA; gi|214010186|ref|NR\_024515.1

transcript variant 1, mRNA;

g frame 1 (C18orf1), transcript variant b1, mRNA;

3723.3 | Homo sapiens RNA binding protein, fox-1 homolog (C. elegans) 1 (RBFOX1), transcript variant 4,



c (ANK1), transcript variant 3, mRNA; gi|215598862|ref|NM\_020480.4| Homo sapiens ankyrin 1, erythr

|NM\_001142478.1| Homo sapiens neuronal regeneration related protein homolog (rat) (NREP), transcr

f|NM\_001142530.1| Homo sapiens basic helix-loop-helix domain containing, class B, 9 (BHLHB9), transc  
\_001142533.1| Homo sapiens SH2 domain containing 3C (SH2D3C), transcript variant 5, mRNA;



7|ref|NM\_022369.3| Homo sapiens stimulated by retinoic acid gene 6 homolog (mouse) (STRA6), trans



M\_033056.3 | Homo sapiens protocadherin-related 15 (PCDH15), transcript variant C, mRNA; gi|218505



1 | Homo sapiens zinc finger protein 438 (ZNF438), transcript variant 5, mRNA; gi|219555723|ref|NM\_













nscrip variant 7, mRNA; gi|338753418|ref|NM\_001242792.1| Homo sapiens synaptosomal-associated

ref|NM\_001143998.1| Homo sapiens SEC14-like 1 (S. cerevisiae) (SEC14L1), transcript variant 3, mRNA

nic lethal, abnormal vision, Drosophila)-like 4 (Hu antigen D) (ELAVL4), transcript variant 4, mRNA;



ct variant 1, mRNA; gi|222144230|ref|NM\_001144913.1| Homo sapiens fibroblast growth factor recept

amily (RAB34), transcript variant 3, mRNA; gi|372266172|ref|NM\_001256278.1| Homo sapiens RAB34,







transcript variant 6, mRNA; gi|223029387|ref|NM\_001144897.1| Homo sapiens CD209 molecule (CD209)

Homo sapiens C-type lectin domain family 4, member M (CLEC4M), transcript variant 11, mRNA; gi|2232783.



f|NM\_001145136.1| Homo sapiens carnitine palmitoyltransferase 1B (muscle) (CPT1B), nuclear gene en





23718086|ref|NM\_001145287.1| Homo sapiens opioid receptor, mu 1 (OPRM1), transcript variant MC

omponent, homolog (S. cerevisiae) (DSN1), transcript variant 2, mRNA;

f|NM\_001145372.1| Homo sapiens protein tyrosine phosphatase, non-receptor type 3 (PTPN3), transcr





Homo sapiens Yip1 interacting factor homolog B (*S. cerevisiae*) (YIF1B), transcript variant 8, mRNA; gi|2







(SORBS2), transcript variant 3, mRNA; gi|224586850|ref|NM\_001145673.1| Homo sapiens sorbin and !



|224809311|ref|NM\_201524.2| Homo sapiens G protein-coupled receptor 56 (GPR56), transcript varia

iens optic atrophy 1 (autosomal dominant) (OPA1), nuclear gene encoding mitochondrial protein, trans

member 2 (APBB2), transcript variant 7, mRNA; gi|260593728|ref|NM\_004307.1| Homo sapiens amylc



ssium/chloride transporters), member 4 (SLC12A4), transcript variant 1, mRNA;

omo sapiens tight junction associated protein 1 (peripheral) (TJAP1), transcript variant 1, mRNA; gi|2256



opus laevis) (MIER1), transcript variant 8, mRNA; gi|225735604|ref|NM\_020948.3| Homo sapiens meso  
735620|ref|NM\_015151.3| Homo sapiens DIP2 disco-interacting protein 2 homolog A (Drosophila) (DIP2)

nt b, mRNA; gi|226246580|ref|NM\_001146205.1| Homo sapiens RAS guanyl releasing protein 4 (RASGf

gi|226371744|ref|NM\_030756.4| Homo sapiens transcription factor 7-like 2 (T-cell specific, HMG-box)

2| Homo sapiens poly (ADP-ribose) polymerase family, member 9 (PARP9), transcript variant 1, mRNA;

Human short coiled-coil protein (SCOC), transcript variant 1, mRNA; gi|226528257|ref|NM\_001153446.1|





CRIP), transcript variant 5, mRNA; gi|228008399|ref|NM\_001159677.1| Homo sapiens synaptotagmin b

480203|ref|NM\_001449.4| Homo sapiens four and a half LIM domains 1 (FHL1), transcript variant 2, m

or) (FLT1), transcript variant 4, mRNA;



variant 4, mRNA; gi|23397688|ref|NM\_152919.1| Homo sapiens egf-like module containing, mucin-lik

member 5 (KCNQ5), transcript variant 2, mRNA;

1 (NRG1), transcript variant HRG-beta1b, mRNA; gi|236461336|ref|NM\_013958.3| Homo sapiens neu

|ref|NM\_001160174.1| Homo sapiens N-acetyltransferase 1 (arylamine N-acetyltransferase) (NAT1), tr

minase, RNA-specific, B1 (ADARB1), transcript variant 1, mRNA; gi|237681082|ref|NR\_027672.1| Homc

ceramide kinase-like (CERKL), transcript variant 3, mRNA;

osome 15 open reading frame 40 (C15orf40), transcript variant 3, mRNA; gi|237858671|ref|NR\_0276401160246.1| Homo sapiens RPA interacting protein (RPAIN), transcript variant 4, mRNA; gi|237858764

18057|ref|NM\_004021.2| Homo sapiens dystrophin (DMD), transcript variant Dp140b, mRNA; gi|2380

mouse colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage) (CSF2RA).

with forkhead and ring finger domains, E3 ubiquitin protein ligase (CHFR), transcript variant 5, mRNA;

, mRNA; gi|239735504|ref|NR\_027767.1| Homo sapiens TRAF2 and NCK interacting kinase (TNIK), tran



ial protein, transcript variant 1, mRNA; gi|239985429|ref|NM\_018444.3| Homo sapiens pyruvate dehy

omo sapiens COX11 cytochrome c oxidase assembly homolog (yeast) (COX11), nuclear gene encoding m



M\_153619.1 | Homo sapiens sema domain, transmembrane domain (TM), and cytoplasmic domain, (ser

ranscript variant f, mRNA; gi|244790012|ref|NM\_001162951.1| Homo sapiens synaptotagmin-like 2 (S'

CNJ1), transcript variant rom-k5, mRNA;

\_012189.2 | Homo sapiens calcium binding tyrosine-(Y)-phosphorylation regulated (CABYR), transcript va

script variant 6, mRNA; gi|253314446|ref|NM\_001163122.1 | Homo sapiens RAD52 motif 1 (RDM1), tra



ot variant 3, mRNA;

lutarate complex) (DLST), transcript variant 3, non-coding RNA;

U\_001163677.1 | Homo sapiens potassium large conductance calcium-activated channel, subfamily M b

NA;

A; gi|327180721|ref|NM\_001205194.1| Homo sapiens MDS1 and EVI1 complex locus (MECOM), transc

ns protein phosphatase 6, regulatory subunit 3 (PPP6R3), transcript variant 6, mRNA;

icose-6-phosphate transporter), member 4 (SLC37A4), transcript variant 2, mRNA;



18998|ref|NM\_001164382.1| Homo sapiens staufen, RNA binding protein, homolog 2 (Drosophila) (ST/

001164386.1 | Homo sapiens Rap guanine nucleotide exchange factor (GEF) 6 (RAPGEF6), transcript vari

.X-DISC1), transcript variant 3, non-coding RNA; gi|257153374|ref|NR\_028400.1| Homo sapiens TSNAX

VM\_001012958.1| Homo sapiens disrupted in schizophrenia 1 (DISC1), transcript variant Es, mRNA; gi|2

transcript variant 4, mRNA;

ind BTB domain containing 20 (ZBTB20), transcript variant 1, mRNA; gi|257900542|ref|NM\_001164346

f|NM\_001164776.1| Homo sapiens ataxin 3 (ATXN3), transcript variant g, mRNA; gi|258613859|ref|NR

1756.1| Homo sapiens aspartate beta-hydroxylase (ASPH), transcript variant 12, mRNA; gi|258613941|r

ript variant 2, mRNA; gi|258613970|ref|NM\_001164759.1| Homo sapiens protein kinase, cAMP-deper

variant 5, mRNA; gi|259155308|ref|NM\_003340.5| Homo sapiens ubiquitin-conjugating enzyme E2D 3

o sapiens zinc finger protein 268 (ZNF268), transcript variant 1, mRNA; gi|259490311|ref|NM\_152943.1

TRADA), transcript variant 5, mRNA;

cytotoxicity 1, RH-linked) (EPB41), transcript variant 3, mRNA; gi|260436832|ref|NM\_203343.2| Homo sa





sapiens NIMA (never in mitosis gene a)-related kinase 6 (NEK6), transcript variant 1, mRNA; gi|2612449

let) (TBXAS1), transcript variant 3, mRNA;

haperonin containing TCP1, subunit 7 (eta) (CCT7), transcript variant 4, mRNA;

transcript variant 7, non-coding RNA; gi|261862347|ref|NM\_001166357.1| Homo sapiens serine hydr

JA;

166538.1 | Homo sapiens leukocyte specific transcript 1 (LST1), transcript variant 6, mRNA; gi|26211818

























IM\_001166702.1 | Homo sapiens family with sequence similarity 104, member B (FAM104B), transcript

if chromosome condensation 1 (RCC1), transcript variant 2, mRNA;



81.3| Homo sapiens protein phosphatase 1, regulatory subunit 12B (PPP1R12B), transcript variant 1, ml

cessory protein (IL1RAP), transcript variant 6, mRNA;

IM\_201571.3| Homo sapiens calcium channel, voltage-dependent, beta 2 subunit (CACNB2), transcript \







transcript variant 1, mRNA; gi|269847643|ref|NM\_001167916.1| Homo sapiens ventricular zone expre

RNA; gi|209862798|ref|NM\_007314.3| Homo sapiens v-abl Abelson murine leukemia viral oncogene h

\_001168362.1| Homo sapiens protocadherin 11 X-linked (PCDH11X), transcript variant g, mRNA; gi|270

ontaining, X-linked 5 (ARMCX5), transcript variant 1, mRNA;

variant 6, mRNA; gi|27437024|ref|NM\_172216.1| Homo sapiens calcium/calmodulin-dependent prote

mic, calcineurin-dependent 1 (NFATC1), transcript variant 1, mRNA;



script variant 3, mRNA;

script variant 11, mRNA; gi|380848753|ref|NM\_001257234.1| Homo sapiens asparagine-linked glycos

rotein (MOG), transcript variant beta2, mRNA; gi|281371465|ref|NM\_002433.4| Homo sapiens myelin

ef|NM\_003244.2| Homo sapiens TGFB-induced factor homeobox 1 (TGIF1), transcript variant 4, mRNA;

rotein ligase 2 (MIB2), transcript variant 5, mRNA;

rogen resistance 1 (BCAR1), transcript variant 3, mRNA; gi|282398113|ref|NM\_001170715.1| Homo sa

3), transcript variant 4, mRNA;

riant 6, non-coding RNA; gi|282847412|ref|NR\_033194.1| Homo sapiens zinc finger, AN1-type domain

ariant 4, mRNA;

nilarity 122C (FAM122C), transcript variant 3, mRNA; gi|283046658|ref|NM\_001170783.1| Homo sapi

ens La ribonucleoprotein domain family, member 4 (LARP4), transcript variant 7, non-coding RNA; gi|28

ig RNA;

; protein tyrosine phosphatase, receptor type, D (PTPRD), transcript variant 1, mRNA;

)), transcript variant 1, mRNA; gi|283837887|ref|NM\_001171161.1| Homo sapiens sialic acid binding lg

omo sapiens ST3 beta-galactoside alpha-2,3-sialyltransferase 3 (ST3GAL3), transcript variant 2, mRNA; g

o sapiens purinergic receptor P2X, ligand-gated ion channel, 2 (P2RX2), transcript variant 2, mRNA;

6.2 | Homo sapiens prolyl endopeptidase-like (PREPL), transcript variant 4, mRNA;

3FA), transcript variant 9, mRNA; gi|284172447|ref|NM\_001025366.2| Homo sapiens vascular endothe

n reading frame 83 (C8orf83), transcript variant 7, mRNA; gi|284520958|ref|NM\_001171795.1| Homo

d 23 (CDH23), transcript variant 6, mRNA; gi|284925127|ref|NM\_001171930.1| Homo sapiens cadheri



ing RNA;

s sex comb on midleg homolog 1 (Drosophila) (SCMH1), transcript variant 3, mRNA; gi|288557332|ref|I

er 2 (SLITRK2), transcript variant 1, mRNA; gi|288856240|ref|NM\_001144008.2| Homo sapiens SLIT an

main containing 28 (ZFYVE28), transcript variant 5, mRNA;

r containing, ARF binding protein 1 (GGA1), transcript variant 4, mRNA;

tin ear containing, ARF binding protein 3 (GGA3), transcript variant long, mRNA;



mRNA;

IA; gi|109698607|ref|NM\_017869.3| Homo sapiens BTG3 associated nuclear protein (BANP), transcript

ecule 1 (PH-20 hyaluronidase, zona pellucida binding) (SPAM1), transcript variant 4, mRNA;





l), transcript variant 1, mRNA;

main containing 27 (ZFYVE27), transcript variant 1, mRNA; gi|291621670|ref|NM\_001174119.1| Homo

apiens peptidylglycine alpha-amidating monooxygenase (PAM), transcript variant 4, mRNA;

ranscription factor 7 (T-cell specific, HMG-box) (TCF7), transcript variant 4, mRNA;  
|293651594|ref|NM\_182646.2| Homo sapiens cytoplasmic polyadenylation element binding protein 2

amily V, member 4 (TRPV4), transcript variant 5, mRNA;

mRNA;

variant 5, mRNA; gi|322303719|ref|NM\_001203251.1| Homo sapiens microtubule-associated protein tau

ig RNA;

RNA;

3177|ref|NM\_001174130.1| Homo sapiens solute carrier family 11 (proton-coupled divalent metal ion

|295842306|ref|NM\_201997.2| Homo sapiens splicing factor 1 (SF1), transcript variant 4, mRNA;

diazepam binding inhibitor (GABA receptor modulator, acyl-CoA binding protein) (DBI), transcript variant

aragine synthetase (glutamine-hydrolyzing) (ASNS), transcript variant 2, mRNA;

of transcription 6, interleukin-4 induced (STAT6), transcript variant 3, mRNA; gi|296010924|ref|NR\_03.

nain) (ZNF185), transcript variant 1, mRNA; gi|296010964|ref|NM\_007150.3| Homo sapiens zinc finger

RNA; gi|296011002|ref|NM\_001178125.1| Homo sapiens abl-interactor 1 (ABI1), transcript variant 12



use)-like (SEZ6L), transcript variant 2, mRNA;

M\_001184790.1| Homo sapiens par-3 partitioning defective 3 homolog (C. elegans) (PARD3), transcript  
222|ref|NM\_001178142.1| Homo sapiens transcription factor Dp-2 (E2F dimerization partner 2) (TFDP:

|296317287|ref|NM\_001079859.2| Homo sapiens G protein-coupled receptor 64 (GPR64), transcript v  
12.2| Homo sapiens carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein) (C

transcript variant 6, mRNA;



01184941.1 | Homo sapiens family with sequence similarity 219, member A (FAM219A), transcript variant 1

ref|NM\_001184888.1 | Homo sapiens non imprinted in Prader-Willi/Angelman syndrome 2 (NIPA2), transcript variant 1

1 | Homo sapiens caspase recruitment domain family, member 8 (CARD8), transcript variant 9, non-coding

ophthalmia-associated transcription factor (MITF), transcript variant 8, mRNA; gi|296841079|ref|NM\_001184888.1

Homo sapiens phosphate cytidylyltransferase 2, ethanolamine (PCYT2), transcript variant 5, non-coding

38 | ref|NM\_145813.2 | Homo sapiens apoptosis-inducing factor, mitochondrion-associated, 1 (AIFM1), transcript variant 1

known, 1, 6kDa (NDUFC1), nuclear gene encoding mitochondrial protein, transcript variant 7, mRNA; gi|296841079|ref|NM\_001184888.1

), transcript variant i, mRNA;

variant ISO9, mRNA; gi|297374778|ref|NM\_001185076.1| Homo sapiens fragile X mental retardation 1

1-4, mRNA;

, transcript variant 8, non-coding RNA; gi|298231215|ref|NR\_033722.1| Homo sapiens DnaJ (Hsp40) hc

script variant 10, mRNA; gi|298286514|ref|NM\_001005910.2| Homo sapiens inositol hexakisphosphate

ndrial Fo complex, subunit s (factor B) (ATP5S), transcript variant 4, non-coding RNA;  
factor deficiency 2 (MCFD2), transcript variant 3, mRNA; gi|298493305|ref|NM\_001171506.2| Homo s:

3|ref|NM\_001190347.1| Homo sapiens dermokine (DMKN), transcript variant 8, mRNA; gi|298566212|

8, non-coding RNA; gi|298566293|ref|NM\_001172766.2| Homo sapiens forkhead box P2 (FOXP2), tran

erase/N-acetylmannosamine kinase (GNE), transcript variant 5, mRNA;

lecule, complement regulatory protein (CD46), transcript variant d, mRNA; gi|299523006|ref|NM\_172:

cript variant 4, non-coding RNA; gi|306518607|ref|NM\_000777.3| Homo sapiens cytochrome P450, far









coding RNA; gi|300068999|ref|NR\_033956.1| Homo sapiens purinergic receptor P2X, ligand-gated ion c

4-NOT transcription complex, subunit 4 (CNOT4), transcript variant 3, mRNA;

gi|300116157|ref|NM\_181459.3| Homo sapiens paired box 3 (PAX3), transcript variant PAX3E, mRNA,

258|ref|NR\_036662.1| Homo sapiens oxysterol binding protein-like 9 (OSBPL9), transcript variant 8, no

ref|NR\_033230.2| Homo sapiens sphingomyelin phosphodiesterase 4, neutral membrane (neutral sphingomyelinase) encoding mitochondrial protein, transcript variant 2, mRNA;

or 10 (SRSF10), transcript variant 5, mRNA; gi|300360546|ref|NM\_001191005.1| Homo sapiens serine,

transcript variant 7, non-coding RNA; gi|300794992|ref|NR\_034068.1| Homo sapiens caspase 12 (gene  
, mRNA;



domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4A (SEMA4A), tr

829.5 | Homo sapiens solute carrier family 13 (sodium-dependent dicarboxylate transporter), member 3

ontaining 2 (EXD2), transcript variant 3, mRNA; gi|301129160|ref|NM\_001193363.1 | Homo sapiens ex

















I carrier protein 2 (SCP2), transcript variant 7, mRNA; gi|302318894|ref|NM\_001007098.2| Homo sapiens

osome 17 open reading frame 62 (C17orf62), transcript variant 8, non-coding RNA; gi|302393569|ref|

4.2 | Homo sapiens eukaryotic translation initiation factor 4 gamma, 1 (EIF4G1), transcript variant 3, mR



mRNA; gi|297515489|ref|NM\_001185113.1| Homo sapiens CD1e molecule (CD1E), transcript variant 1

script variant 6, mRNA;

Collins-Franceschetti syndrome 1 (TCOF1), transcript variant 2, mRNA;

encoding mitochondrial protein, transcript variant 4, mRNA;

U0130055.2| Homo sapiens eukaryotic translation elongation factor 1 delta (guanine nucleotide exchange

U001195251.1| Homo sapiens aprataxin (APTX), transcript variant 9, mRNA; gi|307746920|ref|NM\_00

hodiesterase 4D interacting protein (PDE4DIP), transcript variant 5, mRNA; gi|157311603|ref|NM\_0146





(HA5), transcript variant 5, mRNA;

, transcript variant 4, mRNA; gi|307548831|ref|NM\_001195626.1| Homo sapiens myeloid/lymphoid or

IR\_036637.1 | Homo sapiens family with sequence similarity 213, member B (FAM213B), transcript varia

ef|NM\_001197128.1| Homo sapiens interferon regulatory factor 3 (IRF3), transcript variant 8, mRNA; gi

ntaining 2 (DBNDD2), transcript variant 4, mRNA; gi|308199481|ref|NM\_001197140.1| Homo sapiens

nber A2 (BTN2A2), transcript variant 5, mRNA;

ranscript variant 4, mRNA;



lectin domain family 2, member D (CLEC2D), transcript variant 3, mRNA;

PREDICTED: Homo sapiens hypothetical LOC100507212, transcript variant 2 (LOC100507212), miscRNA;

PREDICTED: Homo sapiens hypothetical LOC100507675, transcript variant 1 (LOC100507675), miscRNA;



PREDICTED: Homo sapiens hypothetical LOC100506676, transcript variant 3 (LOC100506676), miscRNA;

!EDICTED: Homo sapiens hypothetical LOC100507372, transcript variant 3 (LOC100507372), miscRNA; gi

PREDICTED: Homo sapiens hypothetical LOC100134361, transcript variant 1 (LOC100134361), miscRNA; gi

!EDICTED: Homo sapiens hypothetical LOC100506014, transcript variant 2 (LOC100506014), miscRNA;

!PREDICTED: Homo sapiens hypothetical LOC100507291, transcript variant 2 (LOC100507291), miscRNA; gi

!PREDICTED: Homo sapiens hypothetical LOC100507239, transcript variant 2 (LOC100507239), miscRNA;



PREDICTED: Homo sapiens hypothetical LOC100505719, transcript variant 1 (LOC100505719), miscRNA;

ant 2 (LOC100506339), mRNA; gi|310115123|ref|XM\_003120015.1| PREDICTED: Homo sapiens coiled-

PREDICTED: Homo sapiens hypothetical LOC100505500, transcript variant 1 (LOC100505500), miscRNA;

PREDICTED: Homo sapiens hypothetical LOC100506130, transcript variant 1 (LOC100506130), miscRNA;



EDICTED: Homo sapiens hypothetical LOC100506725, transcript variant 2 (LOC100506725), miscRNA;

ens RAS p21 protein activator 4B, transcript variant 3 (RASA4B), mRNA; gi|310120060|ref|XM\_003118|

EDICTED: Homo sapiens hypothetical LOC100506683, transcript variant 1 (LOC100506683), miscRNA; gi

EDICTED: Homo sapiens hypothetical LOC100506860, transcript variant 2 (LOC100506860), miscRNA;

EDICTED: Homo sapiens hypothetical LOC100506881, transcript variant 4 (LOC100506881), miscRNA; gi

PREDICTED: Homo sapiens hypothetical LOC100506380, transcript variant 2 (LOC100506380), miscRNA;

na breakpoint family member 21-like, transcript variant 2 (LOC100506032), mRNA; gi|310118658|ref|X









!EDICTED: Homo sapiens hypothetical LOC100505813, transcript variant 2 (LOC100505813), miscRNA; gi

!EDICTED: Homo sapiens hypothetical LOC100507546, transcript variant 2 (LOC100507546), miscRNA;

EDICTED: Homo sapiens hypothetical LOC100505644, transcript variant 1 (LOC100505644), miscRNA;

EDICTED: Homo sapiens hypothetical LOC100506098, transcript variant 2 (LOC100506098), miscRNA; gi

EDICTED: Homo sapiens hypothetical LOC100289098, transcript variant 1 (LOC100289098), miscRNA;

!EDICTED: Homo sapiens hypothetical LOC100128737, transcript variant 2 (LOC100128737), miscRNA; gi







!EDICTED: Homo sapiens hypothetical LOC100506294, transcript variant 1 (LOC100506294), miscRNA;









!PREDICTED: Homo sapiens hypothetical LOC100505874, transcript variant 3 (LOC100505874), miscRNA;

EDICTED: Homo sapiens hypothetical LOC100505650, transcript variant 3 (LOC100505650), miscRNA;  
r coactivator 2-like, transcript variant 7 (LOC100505603), mRNA; gi|310124625|ref|XM\_003119080.1|

LOC645321, transcript variant 2 (LOC645321), miscRNA;

nt 9, mRNA; gi|310750349|ref|NM\_001198609.1| Homo sapiens microtubule-associated protein 7 (MA

: variant delta, mRNA; gi|211938416|ref|NM\_003808.3| Homo sapiens tumor necrosis factor (ligand) si  
917|ref|NM\_001242354.1| Homo sapiens outer dense fiber of sperm tails 2 (ODF2), transcript variant 8

mRNA; gi|310832440|ref|NM\_001198675.1| Homo sapiens transmembrane protein 136 (TMEM136),

on factor 1; translocated to, 1 (cyclin D-related) (RUNX1T1), transcript variant 2, mRNA; gi|310923094|i

A;

RNA;

, subunit F2 (ATP5J2), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA;

06.1 | Homo sapiens YY1 associated protein 1 (YY1AP1), transcript variant 13, mRNA; gi|312032423|ref|

DC169), transcript variant 7, mRNA; gi|312032439|ref|NM\_001144984.2 | Homo sapiens coiled-coil dc

gi|312032447|ref|NM\_002394.5 | Homo sapiens solute carrier family 3 (activators of dibasic and neutr







ated T-cells, cytoplasmic, calcineurin-dependent 4 (NFATC4), transcript variant 4, mRNA;



| Homo sapiens ATPase, Ca<sup>++</sup> transporting, type 2C, member 1 (ATP2C1), transcript variant 1, mRNA; gi

44|ref|NM\_001199257.1| Homo sapiens shugoshin-like 1 (S. pombe) (SGOL1), transcript variant D1, ml  
o sapiens diacylglycerol kinase, zeta (DGKZ), transcript variant 4, mRNA;



is ribosomal protein L17 (RPL17), transcript variant 7, mRNA; gi|313569765|ref|NM\_000985.4| Homo :

38.2| Homo sapiens erythrocyte membrane protein band 4.1-like 2 (EPB41L2), transcript variant 4, mRN



ranscript variant 1, mRNA;





variant 1, mRNA;

ssium voltage-gated channel, shaker-related subfamily, beta member 2 (KCNAB2), transcript variant 3, n



protein 1, 75kDa (NADH-coenzyme Q reductase) (NDUFS1), transcript variant 4, mRNA; gi|316983157|r



ase synthase) (NPL), transcript variant 2, mRNA;

7475.2 | Homo sapiens nuclear receptor subfamily 1, group I, member 3 (NR1I3), transcript variant 15, n

16, member 4 (monocarboxylic acid transporter 5) (SLC16A4), transcript variant 2, mRNA;



o sapiens zinc finger protein 559 (ZNF559), transcript variant 6, mRNA; gi|320202973|ref|NM\_0012024

ype containing 11 (ZMYND11), transcript variant 6, mRNA; gi|321117012|ref|NM\_212479.3| Homo sa

D-like apoptosis regulator (CFLAR), transcript variant 2, mRNA; gi|321267568|ref|NM\_001202517.1| H

UX1), transcript variant 6, mRNA;

1| Homo sapiens interleukin 17 receptor C (IL17RC), transcript variant 5, mRNA;

orf25), transcript variant 1, mRNA;

47|ref|NM\_005699.3| Homo sapiens interleukin 18 binding protein (IL18BP), transcript variant C, mRNA/

ranscript variant 10, mRNA; gi|323276660|ref|NM\_001204080.1| Homo sapiens ankyrin repeat and sti

3276665|ref|NR\_033757.2| Homo sapiens mitochondrial inner membrane organizing system 1 (MINOS:

transcript variant 8, mRNA; gi|323362968|ref|NM\_001204111.1| Homo sapiens BCL2-like 11 (apoptosi

deacetylase 9 (HDAC9), transcript variant 3, mRNA; gi|323423043|ref|NM\_001204144.1| Homo sapien:

1 (MBD1), transcript variant 10, mRNA; gi|156105674|ref|NM\_015846.3| Homo sapiens methyl-CpG bi

), transcript variant 4, mRNA; gi|323668313|ref|NM\_005427.3| Homo sapiens tumor protein p73 (TP7.

, mRNA; gi|324021746|ref|NM\_001136016.3| Homo sapiens amyloid beta (A4) precursor protein (APP

variant 7, non-coding RNA;

o sapiens ring finger and CHY zinc finger domain containing 1, E3 ubiquitin protein ligase (RCHY1), transc

13, mRNA; gi|324120950|ref|NM\_001044392.2| Homo sapiens mucin 1, cell surface associated (MUC



mRNA; gi|325053685|ref|NM\_001204422.1| Homo sapiens regulator of G-protein signaling 6 (RGS6), t

VA; gi|325197146|ref|NM\_172169.2| Homo sapiens calcium/calmodulin-dependent protein kinase II g





r B (SIII), polypeptide 1 (15kDa, elongin C) (TCEB1), transcript variant 1, mRNA; gi|325652040|ref|NM\_(  
receptor superfamily, member 6) (FAS), transcript variant 1, mRNA; gi|325652051|ref|NM\_152871.2|

|325652074|ref|NM\_001134773.2| Homo sapiens syntaxin 16 (STX16), transcript variant 4, mRNA;

ie family (RAB43), transcript variant 5, mRNA; gi|325910889|ref|NM\_198490.2| Homo sapiens RAB43,

3|ref|NM\_001205119.1| Homo sapiens ATG13 autophagy related 13 homolog (S. cerevisiae) (ATG13), ti

3.1 | Homo sapiens acyl-CoA synthetase long-chain family member 6 (ACSL6), transcript variant 4, mRNA

3, mRNA;

omo sapiens caspase 10, apoptosis-related cysteine peptidase (CASP10), transcript variant 2, mRNA;

028403|ref|NM\_052918.4| Homo sapiens sortilin-related VPS10 domain containing receptor 1 (SORCS1

4, non-coding RNA;

s pyruvate kinase, muscle (PKM2), transcript variant 1, mRNA;

associated 1 (GSG1), transcript variant 3, mRNA;

s murine retrovirus integration site 1 homolog (MRVI1), transcript variant 4, mRNA;

37|ref|NM\_001206966.1| Homo sapiens advanced glycosylation end product-specific receptor (AGER),  
16, member 3 (monocarboxylic acid transporter 4) (SLC16A3), transcript variant 3, mRNA; gi|332800976

301032|ref|NM\_001206983.1| Homo sapiens methyltransferase like 23 (METTL23), transcript variant 2,

.206992.1 | Homo sapiens nuclear receptor subfamily 1, group H, member 4 (NR1H4), transcript variant

ospeak (LOC100616530), transcript variant 5, non-coding RNA; gi|333108240|ref|NR\_038202.1| Homc



/tosine-5-)-methyltransferase 3 beta (DNMT3B), transcript variant 1, mRNA;

f|NM\_001207036.1| Homo sapiens ets variant 7 (ETV7), transcript variant 3, mRNA;

in tyrosine phosphatase, receptor type, O (PTPRO), transcript variant 2, mRNA;

in), alpha 2 (PPFIA2), transcript variant 9, mRNA; gi|333805613|ref|NM\_001220475.1| Homo sapiens p

a, mRNA; gi|333805646|ref|NM\_172316.2| Homo sapiens Meis homeobox 2 (MEIS2), transcript varian

RNA;

ipiens uncharacterized LOC100505702 (LOC100505702), transcript variant 1, non-coding RNA;

ipt variant 10, mRNA; gi|334085210|ref|NM\_001220766.1| Homo sapiens IKAROS family zinc finger 1 (  
ipiens uncharacterized LOC100505746 (LOC100505746), transcript variant 1, non-coding RNA;



sapiens WD repeat domain 20 (WDR20), transcript variant 5, mRNA; gi|334848140|ref|NM\_00124241

5.2| Homo sapiens growth hormone receptor (GHR), transcript variant 8, mRNA; gi|335057510|ref|NM

transcript variant 7, mRNA; gi|335334948|ref|NM\_001242485.1| Homo sapiens eukaryotic translation

U01242491.1 | Homo sapiens family with sequence similarity 156, member A (FAM156A), transcript varia

apiens anaphase promoting complex subunit 16 (ANAPC16), transcript variant 3, mRNA;

!|ref|NM\_001242535.1| Homo sapiens major facilitator superfamily domain containing 11 (MFSD11), tr

.NA;

piens uncharacterized LOC100506779 (LOC100506779), transcript variant 8, non-coding RNA; gi|33617





iens LIM and senescent cell antigen-like domains 1 (LIMS1), transcript variant 5, mRNA;







ne encoding mitochondrial protein, transcript variant 4, mRNA;















RNA; gi|338221673|ref|NM\_001242762.1| Homo sapiens discs, large (Drosophila) homolog-associate

mRNA; gi|338221719|ref|NR\_040003.1| Homo sapiens transmembrane protein 139 (TMEM139), tran:

polypeptide gene enhancer in B-cells, kinase beta (IKBKB), transcript variant 8, non-coding RNA; gi|299758

338753413|ref|NM\_001242790.1| Homo sapiens BRF1 homolog, subunit of RNA polymerase III transc

U\_001242805.1| Homo sapiens bromodomain, testis-specific (BRDT), transcript variant 3, mRNA;

U\_001242821.1| Homo sapiens differentially expressed in FDCP 8 homolog (mouse) (DEF8), transcript v

3.1| Homo sapiens NDRG family member 4 (NDRG4), transcript variant 4, mRNA; gi|194440720|ref|NM

382.1 | Homo sapiens zinc finger protein 195 (ZNF195), transcript variant 10, non-coding RNA; gi|33882

3.1 | Homo sapiens protein kinase, cAMP-dependent, catalytic, beta (PRKACB), transcript variant 3, mRNA;

gation protein 2 homolog (S. cerevisiae) (ELP2), transcript variant 1, mRNA; gi|338968887|ref|NM\_0012  
e kinase domain containing (CARKD), transcript variant 1, mRNA;

mRNA; gi|338968913|ref|NM\_001242886.1 | Homo sapiens dopa decarboxylase (aromatic L-amino aci  
sapiens cold shock domain containing E1, RNA-binding (CSDE1), transcript variant 3, mRNA;

0, mRNA; gi|339276071|ref|NM\_001242916.1| Homo sapiens zinc finger, AN1-type domain 6 (ZFAND6

cript variant f, mRNA; gi|33946309|ref|NM\_033262.3| Homo sapiens solute carrier family 8 (sodium/c





↓A; gi|301171620|ref|NR\_034181.1| Homo sapiens suppressor of variegation 3-9 homolog 2 (Drosophi

ring, member 1 (SULT1A1), transcript variant 3, mRNA;

script variant 8 (LOC100653137), mRNA; gi|341913677|ref|XM\_003403623.1| PREDICTED: Homo sapie

iens hypothetical LOC100506869 (LOC100506869), miscRNA;





EDICTED: Homo sapiens hypothetical LOC100506694, transcript variant 4 (LOC100506694), miscRNA; gi



-1 isoform 3-like, transcript variant 2 (LOC100653194), mRNA; gi|341914291|ref|XM\_003403725.1| PR







|XR\_132853.1| PREDICTED: Homo sapiens IQ motif containing with AAA domain 1 pseudogene 1 (IQCA1

080394.2| Homo sapiens KIAA0146 (KIAA0146), mRNA; gi|341914746|ref|XM\_003403804.1| PREDICTE

PREDICTED: Homo sapiens hypothetical LOC100507316, transcript variant 2 (LOC100507316), miscRNA;

Homo sapiens protein FRG1-like (LOC100289097), mRNA; gi|341914904|ref|XM\_003403846.1| PREDICT

1.1 | PREDICTED: Homo sapiens HLA class II histocompatibility antigen, DRB1-7 beta chain-like, transcript

PREDICTED: Homo sapiens hypothetical LOC100506027, transcript variant 2 (LOC100506027), miscRNA;









XR\_111003.1 | PREDICTED: Homo sapiens hypothetical LOC100287329 (LOC100287329), miscRNA; gi|3:



C100507645, transcript variant 1 (LOC100507645), miscRNA; gi|341915564|ref|XR\_110917.2| PREDICT

0288366), miscRNA; gi|341915612|ref|XR\_110342.2| PREDICTED: Homo sapiens hypothetical LOC100:



LOC645722, transcript variant 4 (LOC645722), miscRNA; gi|341914083|ref|XR\_133141.1| PREDICTED:





iens zinc finger protein 26-like, transcript variant 2 (LOC100287515), mRNA; gi|341913856|ref|XM\_003

or 2DL4-like, transcript variant 5 (LOC100287534), mRNA;

3415.1 | PREDICTED: Homo sapiens killer cell immunoglobulin-like receptor, two domains, short cytoplas

is TATA box binding protein (TBP)-associated factor, RNA polymerase I, C, 110kDa (TAF1C), transcript var

020|ref|NM\_138714.3| Homo sapiens nuclear factor of activated T-cells 5, tonicity-responsive (NFAT5),

an factor 4 (TCF4), transcript variant 9, mRNA; gi|342672062|ref|NM\_001243228.1| Homo sapiens trans

: 1, mRNA; gi|336176062|ref|NM\_004902.3| Homo sapiens RNA binding motif protein 39 (RBM39), tra

ily member 4 (ZIC4), transcript variant 1, mRNA;

it variant 4, mRNA; gi|343168764|ref|NM\_001127214.2| Homo sapiens acyl-CoA synthetase family me

omolog (mouse)-like 2 (SEZ6L2), transcript variant 3, mRNA;

variant 21, mRNA; gi|34335191|ref|NM\_182719.1| Homo sapiens cAMP responsive element modulator (C

-coil domains 1 (SPECC1), transcript variant 4, mRNA; gi|343478196|ref|NM\_001033553.2| Homo sapiens

transcript variant 6, mRNA; gi|343780944|ref|NM\_001438.3| Homo sapiens estrogen-related receptor

te 2) (LMO3), transcript variant 1, mRNA; gi|343796163|ref|NR\_045014.1| Homo sapiens LIM domain c

pt variant 22, non-coding RNA; gi|224548951|ref|NR\_027158.1| Homo sapiens C17orf76 antisense RN

NR\_045017.1| Homo sapiens LETM1 domain containing 1 (LETMD1), transcript variant 2, non-coding RN

ading frame 49 (C7orf49), transcript variant 2, mRNA; gi|344217705|ref|NM\_001243755.1| Homo sapi

gi|344313182|ref|NM\_016022.3| Homo sapiens anterior pharynx defective 1 homolog A (C. elegans) (A

VI\_032333.4| Homo sapiens family with sequence similarity 213, member A (FAM213A), transcript varia

A glycosylase 1 (SMUG1), transcript variant 2, mRNA; gi|344925872|ref|NM\_001243789.1| Homo sapie



L| Homo sapiens tumor protein D52-like 2 (TPD52L2), transcript variant 8, mRNA; gi|345199272|ref|NR

ated protein 2 (PRPSAP2), transcript variant 1, mRNA;

NEDD4L), transcript variant f, mRNA; gi|345478679|ref|NM\_015277.5| Homo sapiens neural precursor

.| Homo sapiens ring finger protein 146 (RNF146), transcript variant 6, non-coding RNA; gi|338827718|r

o sapiens chromosome 15 open reading frame 44 (C15orf44), transcript variant 1, non-coding RNA; gi|3

ariant 9, mRNA; gi|346716176|ref|NM\_139344.2| Homo sapiens bridging integrator 1 (BIN1), transcrip

A3), transcript variant 3, mRNA; gi|346986475|ref|NM\_174958.2| Homo sapiens ATPase, Ca<sup>++</sup> transpc

variant 1, mRNA; gi|347300415|ref|NM\_001244569.1| Homo sapiens BH3 interacting domain death ago

nt B, mRNA;

it variant 8, mRNA; gi|348605228|ref|NM\_001244813.1| Homo sapiens forkhead box P1 (FOXP1), tran:

in 3 (PTBP3), transcript variant 6, mRNA;

P family member 2, metalloredutase (STEAP2), transcript variant 3, mRNA;

1.2 | Homo sapiens phosphoinositide-3-kinase, regulatory subunit 5 (PIK3R5), transcript variant 1, mRNA;

RAS oncogene family (RAP1B), transcript variant 6, mRNA;

homo sapiens RCAN family member 3 (RCAN3), transcript variant 10, mRNA; gi|354548847|ref|NM\_001124211.1|c1 (RIC3), transcript variant 4, mRNA;

P1), transcript variant 5, non-coding RNA;

L134431.2| Homo sapiens torsin family 2, member A (TOR2A), transcript variant 4, mRNA;

ant 6, mRNA; gi|354983492|ref|NM\_001252049.1| Homo sapiens protein-L-isoaspartate (D-aspartate)

variant 5, mRNA; gi|355330269|ref|NM\_001252075.1| Homo sapiens solute carrier family 9, subfamily

87|ref|NM\_001252386.1| Homo sapiens TNFAIP3 interacting protein 1 (TNIP1), transcript variant 2, mR

1 (SLC8A1), transcript variant D, mRNA;

438265|ref|NM\_001177638.2| Homo sapiens dystroglycan 1 (dystrophin-associated glycoprotein 1) (D



ona occludens 2) (TJP2), transcript variant 6, mRNA;

| Homo sapiens relaxin/insulin-like family peptide receptor 1 (RXFP1), transcript variant 5, mRNA; gi|35!

o sapiens zinc finger protein 331 (ZNF331), transcript variant 7, mRNA;

-T14) (GALNT14), transcript variant 4, non-coding RNA;

is mesoderm specific transcript homolog (mouse) (MEST), transcript variant 1, mRNA;

cript variant 1, mRNA;

AYBPC1), transcript variant 6, mRNA; gi|360039212|ref|NM\_002465.3| Homo sapiens myosin binding p

IM\_001128126.2| Homo sapiens adaptor-related protein complex 4, sigma 1 subunit (AP4S1), transcript

o sapiens NFU1 iron-sulfur cluster scaffold homolog (S. cerevisiae) (NFU1), nuclear gene encoding mitoch

α-dependent regulator of chromatin, subfamily a, containing DEAD/H box 1 (SMARCA1), transcript vari

328|ref|NM\_001255980.1| Homo sapiens cAMP responsive element binding protein 3-like 4 (CREB3L4),

transcript variant 7, mRNA; gi|364502944|ref|NM\_001255984.1| Homo sapiens collectin sub-family memk

1A; gi|365192538|ref|NM\_001256014.1| Homo sapiens PSMC3 interacting protein (PSMC3IP), transcrip

10.1| Homo sapiens patatin-like phospholipase domain containing 8 (PNPLA8), transcript variant 5, mRNA  
ref|NM\_016929.4| Homo sapiens chloride intracellular channel 5 (CLIC5), nuclear gene encoding mitoc

chromosome 19 open reading frame 12 (C19orf12), transcript variant 1, mRNA; gi|365777417|ref|NR\_1

oding RNA; gi|371119032|ref|NR\_045773.1| Homo sapiens activating transcription factor 2 (ATF2), trar

mber 4 (NSUN4), transcript variant 6, non-coding RNA;

transcript variant 3, mRNA; gi|371502114|ref|NM\_000546.5| Homo sapiens tumor protein p53 (TP53,

'GAP2), transcript variant 1, mRNA; gi|371940850|ref|NM\_001256235.1| Homo sapiens post-GPI attached  
is armadillo repeat containing, X-linked 4 (ARMCX4), transcript variant 3, non-coding RNA;

3 1 (EMR1), transcript variant 4, mRNA;

variant 6, mRNA; gi|372626406|ref|NM\_033148.3| Homo sapiens dystrobrevin, beta (DTNB), transcript  
Homo sapiens hydroxyprostaglandin dehydrogenase 15-(NAD) (HPGD), transcript variant 1, mRNA;

U001256062.1| Homo sapiens thiamine triphosphatase (THTPA), transcript variant 4, mRNA; gi|373251

ref|NM\_004284.4| Homo sapiens chromodomain helicase DNA binding protein 1-like (CHD1L), transcrip

A; gi|373432657|ref|NM\_001031702.3| Homo sapiens sema domain, seven thrombospondin repeats (

nit (CACNA1G), transcript variant 20, mRNA; gi|373838738|ref|NM\_018896.4| Homo sapiens calcium c

ant 5, non-coding RNA;

ene family (RAB18), transcript variant 2, mRNA;  
ing mitochondrial protein, transcript variant 1, mRNA;

RNA;

.3 | Homo sapiens PDZ and LIM domain 5 (PDLIM5), transcript variant 2, mRNA; gi|374093204|ref|NM\_

α, alpha 3 (GUCY1A3), transcript variant 4, mRNA; gi|374253806|ref|NM\_001130685.2 | Homo sapiens





A binding protein 1 (SSBP1), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; g

l), transcript variant 2, mRNA; gi|374717328|ref|NM\_018116.3| Homo sapiens misato homolog 1 (Dro:  
mRNA;

mRNA; gi|375298681|ref|NR\_046327.1| Homo sapiens tripartite motif containing 46 (TRIM46), transcr

inger protein 43 (ZNF43), transcript variant 3, mRNA;

2.1| Homo sapiens stomatin (EPB72)-like 1 (STOML1), transcript variant 2, mRNA;

ic leucine zipper kinase (MELK), transcript variant 2, mRNA; gi|375493541|ref|NM\_001256691.1| Homo  
osome 9 open reading frame 173 (C9orf173), transcript variant 5, non-coding RNA;

s anaphase promoting complex subunit 10 (ANAPC10), transcript variant 5, mRNA; gi|375493588|ref|N

4;

sin 2 (SSBP2), transcript variant 2, mRNA;

ein 1-like 1 (GDAP1L1), transcript variant 2, mRNA; gi|376319240|ref|NM\_001256739.1| Homo sapien:

5L), transcript variant 4, mRNA; gi|377520120|ref|NM\_001256753.1| Homo sapiens peroxisomal bioge

iRM4), transcript variant 3, mRNA; gi|378548215|ref|NM\_001256812.1| Homo sapiens glutamate rece



romosome 1 open reading frame 86 (C1orf86), transcript variant 3, mRNA; gi|123701941|ref|NM\_182532.1|

variant 5, mRNA; gi|379698841|ref|NM\_001256965.1| Homo sapiens coiled-coil domain containing 51  
romosome 12 open reading frame 32 (C12orf32), transcript variant 4, mRNA; gi|380034208|

| Homo sapiens caspase 1, apoptosis-related cysteine peptidase (CASP1), transcript variant alpha, mRNA

R\_046448.1 | Homo sapiens CLR pseudogene (LOC374443), transcript variant 6, non-coding RNA; gi | 380

io sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 19B (DDX19B), transcript variant 6, mRNA; gi | 38050

NC284260), transcript variant 2, non-coding RNA;

, mRNA; gi|222144272|ref|NM\_001144935.1| Homo sapiens fibroblast growth factor 1 (acidic) (FGF1),

ing synaptic membrane exocytosis 1 (RIMS1), transcript variant 4, mRNA;

or protein-binding, family B, member 1 (Fe65) (APBB1), transcript variant 3, mRNA; gi|381388766|ref|N



scle (ATP5A1), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA; gi|50345983|

R\_002766.2| Homo sapiens maternally expressed 3 (non-protein coding) (MEG3), transcript variant 1, n

NC643837), transcript variant 5, non-coding RNA; gi|383276541|ref|NR\_047521.1| Homo sapiens unch:

ns hydroxysteroid (11-beta) dehydrogenase 1-like (HSD11B1L), transcript variant b, mRNA;

subtype EP3) (PTGER3), transcript variant 6, mRNA; gi|255652949|ref|NR\_028293.1| Homo sapiens prc





coding RNA;



RNA;





no sapiens plectin (PLEC), transcript variant 7, mRNA;

mplex, assembly factor 3 (NDUFAF3), nuclear gene encoding mitochondrial protein, transcript variant 3,

vl\_201440.1 | Homo sapiens periphilin 1 (PPHLN1), transcript variant 4, mRNA;

containing family, member 1 (GIPC1), transcript variant 1, mRNA;

nber 2 (NDRG2), transcript variant 4, mRNA; gi|42544223|ref|NM\_201541.1| Homo sapiens NDRG fam

gi|351726468|ref|NM\_203388.2| Homo sapiens ribonuclease/angiogenin inhibitor 1 (RNH1), transcript















NM\_001161656.1 | Homo sapiens v-myb myeloblastosis viral oncogene homolog (avian) (MYB), transcr

555|ref|NM\_207045.1 | Homo sapiens endosulfine alpha (ENSA), transcript variant 5, mRNA;

mRNA; gi|46411162|ref|NM\_021038.3| Homo sapiens muscleblind-like splicing regulator 1 (MBNL1), t

\_207629.1| Homo sapiens ATP-binding cassette, sub-family G (WHITE), member 1 (ABCG1), transcript v

variant 2, mRNA;







it variant 2, mRNA; gi|48255940|ref|NM\_001001391.1| Homo sapiens CD44 molecule (Indian blood gr

ns phosphodiesterase 9A (PDE9A), transcript variant 14, mRNA; gi|48762735|ref|NM\_001001576.1| H





promoting complex subunit 11 (ANAPC11), transcript variant 3, mRNA; gi|50409749|ref|NM\_001002224

cript variant 1, mRNA;

ef|NM\_014591.4| Homo sapiens Kv channel interacting protein 2 (KCNIP2), transcript variant 1, mRNA;







F6 (ATP5J), nuclear gene encoding mitochondrial protein, transcript variant 4, mRNA; gi|51479140|ref|

tide 5 (B3GALT5), transcript variant 2, mRNA;

ref|NM\_001256668.1| Homo sapiens family with sequence similarity 193, member A (FAM193A), trans



















ariant 4, mRNA; gi|54792106|ref|NM\_001006627.1| Homo sapiens cholinergic receptor, muscarinic 2 (





family M, member 3 (TRPM3), transcript variant 2, mRNA; gi|154091309|ref|NM\_206947.3| Homo sapiens







tochondrial carrier; phosphate carrier), member 25 (SLC25A25), nuclear gene encoding mitochondrial pi

NA; gi|56788402|ref|NM\_001006621.1| Homo sapiens mitogen-activated protein kinase associated pr





is zinc finger protein 655 (ZNF655), transcript variant 8, mRNA; gi|145701014|ref|NM\_001083956.1| H

tochondrial protein, transcript variant 8, mRNA;

1517|ref|NM\_001011670.1| Homo sapiens coiled-coil-helix-coiled-coil-helix domain containing 7 (CHC





\_001012636.1 | Homo sapiens interleukin 32 (IL32), transcript variant 7, mRNA;













n 1 (alpha) (TPM1), transcript variant 1, mRNA;



subfamily 3, group C, member 1 (glucocorticoid receptor) (NR3C1), transcript variant 3, mRNA; gi|66528



.), transcript variant 2, mRNA; gi|67089150|ref|NM\_033249.2| Homo sapiens promyelocytic leukemia (









NA;







mRNA; gi|74027252|ref|NM\_001032382.1| Homo sapiens polyglutamine binding protein 1 (PQBP1), tr



2), transcript variant 1, mRNA;



ranscript variant 7, mRNA; gi|78000168|ref|NM\_024991.1| Homo sapiens sorbin and SH3 domain cont

ex, subunit C, integral membrane protein, 15kDa (SDHC), nuclear gene encoding mitochondrial protein, 1







receptor tyrosine kinase 1 (DDR1), transcript variant 4, mRNA;

transferase 1 (globoside blood group) (B3GALNT1), transcript variant 5, mRNA;







A (CLEC7A), transcript variant 6, mRNA;

VA; gi|23200020|ref|NM\_148965.1| Homo sapiens tumor necrosis factor receptor superfamily, membe









·|NM\_139009.2| Homo sapiens hemochromatosis (HFE), transcript variant 9, mRNA; gi|91718884|ref|f



cwcw and kazal-like domains proteoglycan (testican) 3 (SPOCK3), transcript variant 5, mRNA; gi|3241208













t variant 7, mRNA; gi|98961147|ref|NM\_001040656.1| Homo sapiens tetratricopeptide repeat domain

pt variant 3, mRNA; gi|98985788|ref|NM\_001040627.1| Homo sapiens neurocalcin delta (NCALD), trar





(FGFR1), transcript variant 10, mRNA; gi|291327490|ref|NM\_001174064.1| Homo sapiens fibroblast gr

tor type 20A (PTPN20A), transcript variant 1, mRNA; gi|109138564|ref|NM\_001042392.1| Homo sapie  
ype 20B (PTPN20B), transcript variant 5, mRNA; gi|109633035|ref|NM\_001042361.3| Homo sapiens pr







\_005135.2 | Homo sapiens solute carrier family 12 (potassium/chloride transporters), member 6 (SLC12A







5 (PLEKHG5), transcript variant 4, mRNA;

























cript variant 2, mRNA;

olate synthetase domain containing (MTHFSD), transcript variant 5, mRNA; gi|226823321|ref|NM\_0011



ex locus (GNAS), transcript variant 3, mRNA;



1 | Homo sapiens solute carrier family 29 (nucleoside transporters), member 1 (SLC29A1), nuclear gene



l\_022892.1 | Homo sapiens NLR family, apoptosis inhibitory protein (NAIP), transcript variant 2, mRNA;













gene-like 1 (PLAGL1), transcript variant 2, mRNA; gi|124381134|ref|NM\_001080956.1| Homo sapiens

transcript variant 6, mRNA;







, mRNA;





nt variant 3, mRNA;





























RNA; gi|146231969|ref|NM\_001085463.1| Homo sapiens catenin (cadherin-associated protein), delta :

transcript variant 3, mRNA; gi|256355123|ref|NM\_001164179.1| Homo sapiens ectonucleoside tripho









:MTM1), transcript variant 17, mRNA; gi|148743785|ref|NM\_181296.2| Homo sapiens CKLF-like MARV











99342|ref|NM\_133272.2| Homo sapiens Fc fragment of IgA, receptor for (FCAR), transcript variant 4, m





pt variant 14, mRNA; gi|153090184|ref|NM\_001099744.1| Homo sapiens syntabulin (syntaxin-interact



























cript variant 1, mRNA; gi|217035147|ref|NM\_001142574.1| Homo sapiens IMP (inosine 5'-monophosph





diesterase 4D, cAMP-specific (PDE4D), transcript variant 6, mRNA; gi|308387377|ref|NM\_001197221.









ans zinc finger protein 83 (ZNF83), transcript variant 6, mRNA; gi|157738658|ref|NM\_001105552.1| Hc



4|ref|NM\_001110359.1| Homo sapiens ribonuclease, RNase A family, 9 (non-active) (RNASE9), transcri



nin 2 (merlin) (NF2), transcript variant 9, mRNA; gi|163644289|ref|NM\_181832.2| Homo sapiens neurc















it 3, mRNA;





transcript variant 7, mRNA; gi|169646294|ref|NM\_180982.2| Homo sapiens mitochondrial ribosomal |

transcript variant 2, mRNA; gi|169646381|ref|NM\_181454.2| Homo sapiens mitochondrial ribosomal |







gi|325651942|ref|NM\_001204830.1| Homo sapiens lipoyltransferase 1 (LIPT1), nuclear gene encoding















RNA;

6|ref|NM\_000611.5| Homo sapiens CD59 molecule, complement regulatory protein (CD59), transcript

mRNA; gi|188497692|ref|NM\_181676.2| Homo sapiens protein phosphatase 2, regulatory subunit B, I





alpha 1 (GABRA1), transcript variant 2, mRNA; gi|189083722|ref|NM\_000806.5| Homo sapiens gamma

member 1 (SERPINA1), transcript variant 4, mRNA; gi|189163537|ref|NM\_001127705.1| Homo sapien



transcript variant 15, mRNA; gi|312147258|ref|NM\_001198939.1| Homo sapiens dystrobrevin, alpha (





riant 1, mRNA;



I/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4 (SMAI

iber 4 (PLEKHG4), transcript variant 5, mRNA;

is calcium channel, voltage-dependent, L type, alpha 1C subunit (CACNA1C), transcript variant 21, mRNA









VI\_001130085.1 | Homo sapiens actin binding LIM protein family, member 2 (ABLIM2), transcript variant











20|ref|NM\_001130919.1| Homo sapiens RAB, member of RAS oncogene family-like 2B (RABL2B), trans

γsferlin, limb girdle muscular dystrophy 2B (autosomal recessive) (DYSF), transcript variant 4, mRNA; gi|





homo sapiens RAD17 homolog (S. pombe) (RAD17), transcript variant 4, mRNA;

76609|ref|NM\_016820.3| Homo sapiens 8-oxoguanine DNA glycosylase (OGG1), nuclear gene encoding











ide (GHRL), transcript variant 7, non-coding RNA; gi|201860290|ref|NR\_024138.1| Homo sapiens ghrel



; proprotein convertase subtilisin/kexin type 6 (PCSK6), transcript variant 6, mRNA; gi|61636005|ref|NM



pt variant 4, mRNA;





5-monooxygenase activation protein, zeta polypeptide (YWHAZ), transcript variant 5, mRNA; gi|20897:



nain containing 13 (STARD13), transcript variant 6, mRNA;



NA; gi|209862816|ref|NM\_001136011.1| Homo sapiens FXYD domain containing ion transport regulat

domain (MADD), transcript variant 6, mRNA; gi|209862974|ref|NM\_130471.2| Homo sapiens MAP-kir

01135955.1| Homo sapiens transient receptor potential cation channel, subfamily C, member 4 (TRPC4

ase (GART), transcript variant 3, mRNA;

RNA;

olog (avian) (ERG), transcript variant 6, mRNA; gi|209954801|ref|NM\_004449.4| Homo sapiens v-ets e

A;











script variant 6, mRNA; gi|212549583|ref|NM\_172079.2| Homo sapiens calcium/calmodulin-dependen

transcript variant 4, mRNA;







| Homo sapiens amyloid beta (A4) precursor-like protein 2 (APLP2), transcript variant 5, non-coding RNA



mRNA;

!15490038|ref|NM\_001142427.1| Homo sapiens mortality factor 4 like 2 (MORF4L2), transcript variant



rocytic (ANK1), transcript variant 7, mRNA;

ipt variant 6, mRNA; gi|215599726|ref|NM\_001142482.1| Homo sapiens neuronal regeneration relate

cript variant 8, mRNA; gi|216547645|ref|NM\_001142525.1| Homo sapiens basic helix-loop-helix domai



cript variant 2, mRNA; gi|217330581|ref|NM\_001142618.1| Homo sapiens stimulated by retinoic acid {

.790|ref|NM\_001142771.1| Homo sapiens protocadherin-related 15 (PCDH15), transcript variant K, mR



\_182755.2 | Homo sapiens zinc finger protein 438 (ZNF438), transcript variant 2, mRNA;













I protein, 91kDa homolog (mouse) (SNAP91), transcript variant 3, mRNA;





or 2 (FGFR2), transcript variant 3, mRNA; gi|222144232|ref|NM\_001144914.1| Homo sapiens fibroblast

member RAS oncogene family (RAB34), transcript variant 9, mRNA; gi|372266168|ref|NM\_001256276









3), transcript variant 4, mRNA;

45|ref|NR\_026707.1| Homo sapiens C-type lectin domain family 4, member M (CLEC4M), transcript var

ncoding mitochondrial protein, transcript variant 7, mRNA; gi|311213909|ref|NM\_004377.3| Homo sap





OR1-K1, mRNA; gi|223718042|ref|NM\_001008504.2| Homo sapiens opioid receptor, mu 1 (OPRM1), tr



ipt variant 6, mRNA; gi|223941881|ref|NM\_001145369.1| Homo sapiens protein tyrosine phosphatase





.24451030|ref|NM\_033557.3| Homo sapiens Yip1 interacting factor homolog B (S. cerevisiae) (YIF1B), t





SH3 domain containing 2 (SORBS2), transcript variant 6, mRNA; gi|194733751|ref|NM\_021069.4| Hom





int 2, mRNA; gi|224809312|ref|NM\_201525.2| Homo sapiens G protein-coupled receptor 56 (GPR56), 1

cript variant 7, mRNA; gi|224831242|ref|NM\_015560.2| Homo sapiens optic atrophy 1 (autosomal don

oid beta (A4) precursor protein-binding, family B, member 2 (APBB2), transcript variant 1, mRNA; gi|260



i90490|ref|NM\_001146018.1| Homo sapiens tight junction associated protein 1 (peripheral) (TJAP1), tr

oderm induction early response 1 homolog (*Xenopus laevis*) (MIER1), transcript variant 1, mRNA; gi|225  
P2A), transcript variant 1, mRNA; gi|225735626|ref|NM\_001146115.1| Homo sapiens DIP2 disco-intera

3P4), transcript variant e, mRNA;

(TCF7L2), transcript variant 2, mRNA; gi|226371619|ref|NM\_001146283.1| Homo sapiens transcriptio

Homo sapiens short coiled-coil protein (SCOC), transcript variant 6, mRNA;







binding, cytoplasmic RNA interacting protein (SYNCRIP), transcript variant 6, mRNA; gi|228008294|ref|NM\_001159704.1|

RNA; gi|228480212|ref|NM\_001159704.1| Homo sapiens four and a half LIM domains 1 (FHL1), transcript variant 6, mRNA



e, hormone receptor-like 2 (EMR2), transcript variant 5, mRNA; gi|23397692|ref|NM\_152921.1| Homc

regulin 1 (NRG1), transcript variant HRG-beta3, mRNA; gi|236459369|ref|NM\_013959.3| Homo sapien

anscript variant 6, mRNA; gi|237649125|ref|NM\_001160173.1| Homo sapiens N-acetyltransferase 1 (a

o sapiens adenosine deaminase, RNA-specific, B1 (ADARB1), transcript variant 5, non-coding RNA;

19.1 | Homo sapiens chromosome 15 open reading frame 40 (C15orf40), transcript variant 6, non-coding  
|ref|NM\_001160266.1 | Homo sapiens RPA interacting protein (RPAIN), transcript variant 5, mRNA; gi|2

18045 |ref|NM\_004007.2 | Homo sapiens dystrophin (DMD), transcript variant Dp427l, mRNA; gi|2380

, transcript variant 10, mRNA; gi|238908513|ref|NM\_172249.2| Homo sapiens colony stimulating facto



iscript variant 9, non-coding RNA; gi|239735583|ref|NM\_001161562.1| Homo sapiens TRAF2 and NCK



rogenase phosphatase catalytic subunit 1 (PDP1), nuclear gene encoding mitochondrial protein, transcri

mitochondrial protein, transcript variant 1, mRNA;

naphorin) 6D (SEMA6D), transcript variant 5, mRNA; gi|24234740|ref|NM\_153618.1| Homo sapiens se

YTL2), transcript variant g, mRNA; gi|244790015|ref|NM\_001162952.1| Homo sapiens synaptotagmin-

variant 1, mRNA;

nsript variant 5, mRNA; gi|253314454|ref|NR\_027996.1| Homo sapiens RAD52 motif 1 (RDM1), trans







eta member 3 (KCNMB3), transcript variant 5, mRNA; gi|25952104|ref|NM\_171830.1| Homo sapiens p

cript variant 7, mRNA;



AU2), transcript variant 3, mRNA; gi|256419002|ref|NM\_001164384.1| Homo sapiens stau6n, RNA bin

ant 1, mRNA;

-DISC1 readthrough (TSNAX-DISC1), transcript variant 8, non-coding RNA; gi|257196140|ref|NR\_02839:

!57153464|ref|NM\_001164540.1| Homo sapiens disrupted in schizophrenia 1 (DISC1), transcript varian

.1 | Homo sapiens zinc finger and BTB domain containing 20 (ZBTB20), transcript variant 6, mRNA;



U028461.1| Homo sapiens ataxin 3 (ATXN3), transcript variant p, non-coding RNA; gi|258613998|ref|N

ef|NM\_032468.4| Homo sapiens aspartate beta-hydroxylase (ASPH), transcript variant 2, mRNA; gi|258

ident, regulatory, type I, beta (PRKAR1B), transcript variant 4, mRNA;

(UBE2D3), transcript variant 1, mRNA; gi|33149323|ref|NM\_181893.1| Homo sapiens ubiquitin-conjug

2| Homo sapiens zinc finger protein 268 (ZNF268), transcript variant 3, mRNA; gi|259490326|ref|NM\_0

apiens erythrocyte membrane protein band 4.1 (elliptocytosis 1, RH-linked) (EPB41), transcript variant 2



24|ref|NM\_001166169.1| Homo sapiens NIMA (never in mitosis gene a)-related kinase 6 (NEK6), trans

oxymethyltransferase 2 (mitochondrial) (SHMT2), transcript variant 3, mRNA; gi|261862345|ref|NM\_01

35|ref|NR\_029462.1| Homo sapiens leukocyte specific transcript 1 (LST1), transcript variant 8, non-codi



























variant 5, mRNA; gi|262359956|ref|NM\_001166704.1| Homo sapiens family with sequence similarity 1



RNA;

variant 6, mRNA; gi|148232725|ref|NM\_000724.3| Homo sapiens calcium channel, voltage-dependent









ssed PH domain homolog 1 (zebrafish) (VEPH1), transcript variant 5, mRNA;

homolog 2 (ABL2), transcript variant b, mRNA; gi|269847780|ref|NM\_001168237.1| Homo sapiens v-abl

0288722|ref|NM\_032969.3| Homo sapiens protocadherin 11 X-linked (PCDH11X), transcript variant d, r

Calcium kinase kinase 2, beta (CAMKK2), transcript variant 3, mRNA; gi|259490264|ref|NM\_172226.2| Homo

ylation 13 homolog (*S. cerevisiae*) (ALG13), transcript variant 8, mRNA; gi|270309166|ref|NM\_0011683

oligodendrocyte glycoprotein (MOG), transcript variant beta1, mRNA; gi|300360475|ref|NM\_206814.5

gi|28178852|ref|NM\_173210.1| Homo sapiens TGFB-induced factor homeobox 1 (TGIF1), transcript v

piens breast cancer anti-estrogen resistance 1 (BCAR1), transcript variant 2, mRNA; gi|282398111|ref|N

1 (ZFAND1), transcript variant 5, non-coding RNA;

ens family with sequence similarity 122C (FAM122C), transcript variant 6, mRNA;

3046702|ref|NM\_199188.2| Homo sapiens La ribonucleoprotein domain family, member 4 (LARP4), tr



5-like lectin 10 (SIGLEC10), transcript variant 7, mRNA;

i|28373071|ref|NM\_174965.1| Homo sapiens ST3 beta-galactoside alpha-2,3-sialyltransferase 3 (ST3G

elial growth factor A (VEGFA), transcript variant 1, mRNA; gi|324120929|ref|NM\_001204384.1| Homo :

sapiens chromosome 8 open reading frame 83 (C8orf83), transcript variant 3, mRNA;

n-related 23 (CDH23), transcript variant 3, mRNA; gi|284925135|ref|NM\_001171934.1| Homo sapiens

VM\_001172219.1 | Homo sapiens sex comb on midleg homolog 1 (Drosophila) (SCMH1), transcript varia

d NTRK-like family, member 2 (SLITRK2), transcript variant 7, mRNA; gi|288856241|ref|NM\_001144005











t variant 1, mRNA;



sapiens zinc finger, FYVE domain containing 27 (ZFYVE27), transcript variant 4, mRNA;

(CPEB2), transcript variant A, mRNA;

u (MAPT), transcript variant 7, mRNA; gi|294862262|ref|NM\_005910.5| Homo sapiens microtubule-ass

transporters), member 2 (SLC11A2), transcript variant 7, mRNA; gi|295293174|ref|NM\_001174128.1|





t 7, mRNA; gi|120433589|ref|NM\_001079862.1| Homo sapiens diazepam binding inhibitor (GABA rece

3659.1| Homo sapiens signal transducer and activator of transcription 6, interleukin-4 induced (STAT6),

protein 185 (LIM domain) (ZNF185), transcript variant 4, mRNA; gi|296010965|ref|NM\_001178109.1|

!, mRNA; gi|296010992|ref|NM\_001178120.1| Homo sapiens abl-interactor 1 (ABI1), transcript variant



variant 7, mRNA; gi|296278203|ref|NM\_001184793.1| Homo sapiens par-3 partitioning defective 3 ho  
2), transcript variant 6, mRNA;

variant 2, mRNA; gi|296317296|ref|NM\_001184834.1| Homo sapiens G protein-coupled receptor 64 (G  
CEACAM1), transcript variant 2, mRNA; gi|329112546|ref|NM\_001205344.1| Homo sapiens carcinoem

it 2, mRNA;

ranscript variant 6, mRNA;

g RNA; gi|296531358|ref|NM\_014959.3| Homo sapiens caspase recruitment domain family, member

6722.2| Homo sapiens microphthalmia-associated transcription factor (MITF), transcript variant 3, mRN

RNA; gi|374253756|ref|NM\_001256433.1| Homo sapiens phosphate cytidylyltransferase 2, ethanolam

ranscript variant 3, mRNA;

297206730|ref|NM\_001184988.1| Homo sapiens NADH dehydrogenase (ubiquinone) 1, subcomplex ur

↓ (FMR1), transcript variant ISO7, mRNA;

omolog, subfamily C, member 19 (DNAJC19), transcript variant 4, non-coding RNA;

phatase kinase 2 (IP6K2), transcript variant 3, mRNA; gi|298286513|ref|NM\_001005909.2| Homo sapiens inos

apiens multiple coagulation factor deficiency 2 (MCFD2), transcript variant 2, mRNA;

ref|NR\_033746.1| Homo sapiens dermokine (DMKN), transcript variant 7, non-coding RNA; gi|2985662

iscript variant 5, mRNA;



361.2| Homo sapiens CD46 molecule, complement regulatory protein (CD46), transcript variant I, mRNA

nily 3, subfamily A, polypeptide 5 (CYP3A5), transcript variant 1, mRNA; gi|306518608|ref|NM\_001190







channel, 7 (P2RX7), transcript variant 10, non-coding RNA; gi|300068993|ref|NR\_033949.1| Homo sapi

;

non-coding RNA; gi|308153256|ref|NM\_024586.5| Homo sapiens oxysterol binding protein-like 9 (OSBPL

ngomyelinase-3) (SMPD4), transcript variant 7, non-coding RNA; gi|300192962|ref|NM\_001171083.2|

/arginine-rich splicing factor 10 (SRSF10), transcript variant 3, mRNA;

3/pseudogene) (CASP12), transcript variant 8, non-coding RNA; gi|300795075|ref|NR\_034071.1| Homo





anscript variant 1, mRNA;

(SLC13A3), transcript variant 1, mRNA;

onuclease 3'-5' domain containing 2 (EXD2), transcript variant 4, mRNA;

















ens sterol carrier protein 2 (SCP2), transcript variant 2, mRNA;

|NM\_001193655.1| Homo sapiens chromosome 17 open reading frame 62 (C17orf62), transcript varian

NA; gi|302699242|ref|NM\_198242.2| Homo sapiens eukaryotic translation initiation factor 4 gamma, 1

l1, mRNA; gi|297515478|ref|NM\_001185108.1| Homo sapiens CD1e molecule (CD1E), transcript variat



protein) (EEF1D), transcript variant 5, mRNA; gi|304555586|ref|NM\_001130056.2| Homo sapiens euk

1195254.1| Homo sapiens aprataxin (APTX), transcript variant 10, mRNA; gi|305410836|ref|NM\_0011

44.4| Homo sapiens phosphodiesterase 4D interacting protein (PDE4DIP), transcript variant 1, mRNA; g







r mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 10 (MLLT10), transcript varia

int 7, non-coding RNA; gi|307691193|ref|NM\_001195741.1| Homo sapiens family with sequence simila

|308199451|ref|NM\_001197126.1| Homo sapiens interferon regulatory factor 3 (IRF3), transcript vari:

dysbindin (dystrobrevin binding protein 1) domain containing 2 (DBNDD2), transcript variant 8, mRNA; ξ











i|310113383|ref|XR\_111884.1| PREDICTED: Homo sapiens hypothetical LOC100507372, transcript vari





i|341914532|ref|XR\_112577.2| PREDICTED: Homo sapiens hypothetical LOC100507291, transcript vari



coil domain-containing protein 162-like, transcript variant 3 (LOC100506339), mRNA; gi|310119826|ref



600.1| PREDICTED: Homo sapiens RAS p21 protein activator 4B, transcript variant 5 (RASA4B), mRNA; gi  
i|310120069|ref|XR\_108856.1| PREDICTED: Homo sapiens hypothetical LOC100506683, transcript vari

i|310120096|ref|XR\_108817.1| PREDICTED: Homo sapiens hypothetical LOC100506881, transcript vari



(M\_003119127.1 | PREDICTED: Homo sapiens neuroblastoma breakpoint family member 21-like, transcr







i|341914618|ref|XR\_133412.1| PREDICTED: Homo sapiens hypothetical LOC100505813, transcript vari

i|310119918|ref|XR\_108745.1| PREDICTED: Homo sapiens hypothetical LOC100506098, transcript vari

i|310120076|ref|XR\_108797.1| PREDICTED: Homo sapiens hypothetical LOC100128737, transcript vari



















PREDICTED: Homo sapiens proline-rich nuclear receptor coactivator 2-like, transcript variant 10 (LOC100



\P7), transcript variant 3, mRNA; gi|310750363|ref|NM\_001198616.1| Homo sapiens microtubule-assc

uperfamily, member 13 (TNFSF13), transcript variant alpha, mRNA;  
3, mRNA; gi|334278915|ref|NM\_001242353.1| Homo sapiens outer dense fiber of sperm tails 2 (ODF2)

transcript variant 7, mRNA;

ref|NM\_001198627.1| Homo sapiens runt-related transcription factor 1; translocated to, 1 (cyclin D-rel



|NM\_001198903.1| Homo sapiens YY1 associated protein 1 (YY1AP1), transcript variant 10, mRNA; gi|3

omain containing 169 (CCDC169), transcript variant 4, mRNA;

al amino acid transport), member 2 (SLC3A2), transcript variant 3, mRNA;









|312836772|ref|NM\_001199184.1| Homo sapiens ATPase, Ca<sup>++</sup> transporting, type 2C, member 1 (ATP

RNA; gi|312922395|ref|NM\_001012411.2| Homo sapiens shugoshin-like 1 (S. pombe) (SGOL1), transcr





sapiens ribosomal protein L17 (RPL17), transcript variant 1, mRNA;

A;









nRNA; gi|315434243|ref|NM\_172130.2| Homo sapiens potassium voltage-gated channel, shaker-relate





ref|NM\_001199982.1| Homo sapiens NADH dehydrogenase (ubiquinone) Fe-S protein 1, 75kDa (NADH-



nRNA; gi|319051451|ref|NM\_001077474.2| Homo sapiens nuclear receptor subfamily 1, group I, mem



.07.1 | Homo sapiens zinc finger protein 559 (ZNF559), transcript variant 3, mRNA;

iens zinc finger, MYND-type containing 11 (ZMYND11), transcript variant 2, mRNA;

homo sapiens CASP8 and FADD-like apoptosis regulator (CFLAR), transcript variant 6, mRNA; gi|3212675

4;

erile alpha motif domain containing 1B (ANKS1B), transcript variant 11, mRNA; gi|323276629|ref|NM\_(

1), transcript variant 2, non-coding RNA;

is facilitator) (BCL2L11), transcript variant 16, mRNA; gi|323362964|ref|NM\_001204109.1| Homo sapie

s histone deacetylase 9 (HDAC9), transcript variant 6, mRNA; gi|116284378|ref|NM\_058176.2| Homo s

nding domain protein 1 (MBD1), transcript variant 1, mRNA; gi|156105675|ref|NM\_015847.3| Homo s



3), transcript variant 1, mRNA; gi|323668329|ref|NM\_001204192.1| Homo sapiens tumor protein p73

'), transcript variant 4, mRNA; gi|324021737|ref|NM\_001204301.1| Homo sapiens amyloid beta (A4) p

ript variant 3, mRNA;

1), transcript variant 7, mRNA; gi|324120953|ref|NM\_001018016.2| Homo sapiens mucin 1, cell surfac



ranscript variant 8, mRNA; gi|325053675|ref|NM\_001204417.1| Homo sapiens regulator of G-protein :

amma (CAMK2G), transcript variant 2, mRNA;



001204861.1 | Homo sapiens transcription elongation factor B (SIII), polypeptide 1 (15kDa, elongin C) (T  
Homo sapiens Fas (TNF receptor superfamily, member 6) (FAS), transcript variant 2, mRNA;

member RAS oncogene family (RAB43), transcript variant 1, mRNA;

ranscript variant 3, mRNA;





.), transcript variant 1, mRNA;



transcript variant 9, mRNA; gi|332800972|ref|NM\_001206940.1| Homo sapiens advanced glycosylation  
|ref|NM\_001042422.2| Homo sapiens solute carrier family 16, member 3 (monocarboxylic acid transp

, mRNA;

4, mRNA;

› sapiens tospeak (LOC100616530), transcript variant 2, non-coding RNA; gi|333108245|ref|NR\_038207



rotein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 2 (

it h, mRNA;

Ikaros (IKZF1), transcript variant 3, mRNA; gi|334085212|ref|NM\_001220767.1| Homo sapiens IKARO





8.1| Homo sapiens WD repeat domain 20 (WDR20), transcript variant 8, mRNA; gi|334848129|ref|NM\_

\_001242402.2| Homo sapiens growth hormone receptor (GHR), transcript variant 5, mRNA; gi|3350575

1| initiation factor 1A domain containing (EIF1AD), transcript variant 6, mRNA; gi|335334940|ref|NM\_00

int 4, mRNA; gi|335334983|ref|NM\_001242497.1| Homo sapiens family with sequence similarity 156, i

ranscript variant 4, mRNA; gi|335892869|ref|NM\_001242533.1| Homo sapiens major facilitator superf:

6051|ref|NR\_038418.1| Homo sapiens uncharacterized LOC100506779 (LOC100506779), transcript var



























d protein 1 (DLGAP1), transcript variant 4, mRNA; gi|338221688|ref|NM\_001242765.1| Homo sapiens

script variant 7, non-coding RNA;



3417|ref|NR\_033819.1| Homo sapiens inhibitor of kappa light polypeptide gene enhancer in B-cells, kin

ription initiation factor IIIB (S. cerevisiae) (BRF1), transcript variant 8, mRNA; gi|148833509|ref|NM\_14

variant 8, mRNA; gi|338797797|ref|NM\_001242820.1| Homo sapiens differentially expressed in FDCP 8

1\_020465.3| Homo sapiens NDRG family member 4 (NDRG4), transcript variant 1, mRNA;

7712|ref|NM\_001242843.1| Homo sapiens zinc finger protein 195 (ZNF195), transcript variant 6, mRNA

A; gi|338827762|ref|NM\_001242862.1| Homo sapiens protein kinase, cAMP-dependent, catalytic, beta

42876.1| Homo sapiens elongation protein 2 homolog (S. cerevisiae) (ELP2), transcript variant 3, mRNA

d decarboxylase) (DDC), transcript variant 3, mRNA; gi|132814447|ref|NM\_001082971.1| Homo sapiens

i), transcript variant 7, mRNA; gi|339276074|ref|NM\_001242917.1| Homo sapiens zinc finger, AN1-typ

alcium exchanger), member 3 (SLC8A3), transcript variant a, mRNA;



la) (SUV39H2), transcript variant 6, non-coding RNA;



ns cadherin-23-like, transcript variant 1 (LOC100653137), mRNA; gi|341913687|ref|XM\_003403628.1|









i|341914152|ref|XR\_133172.1| PREDICTED: Homo sapiens hypothetical LOC100506694, transcript vari

.EDICTED: Homo sapiens signal-regulatory protein beta-1 isoform 3-like, transcript variant 4 (LOC100653









1P1), miscRNA;

3D: Homo sapiens KIAA0146, transcript variant 3 (KIAA0146), mRNA; gi|341914748|ref|XM\_003403805

ED: Homo sapiens protein FRG1-like (LOC100289097), mRNA; gi|341914898|ref|XM\_003403843.1| PR

t variant 1 (LOC100507714), mRNA; gi|341914913|ref|XM\_003403849.1| PREDICTED: Homo sapiens H







10124850|ref|XR\_110967.1| PREDICTED: Homo sapiens hypothetical LOC100287329 (LOC100287329),





TEF: Homo sapiens hypothetical LOC100507645, transcript variant 3 (LOC100507645), miscRNA;

288366, transcript variant 2 (LOC100288366), miscRNA; gi|310122887|ref|XR\_110343.1| PREDICTED: t



Homo sapiens hypothetical LOC645722, transcript variant 2 (LOC645722), miscRNA; gi|341914086|ref|



403655.1 | PREDICTED: Homo sapiens zinc finger protein 26-like, transcript variant 2 (LOC100287515), r

omic tail, 2, transcript variant 5 (KIR2DS2), mRNA; gi|341916319|ref|XM\_003403413.1| PREDICTED: Ho

riant 5, mRNA; gi|341926286|ref|NM\_001243159.1| Homo sapiens TATA box binding protein (TBP)-ass

transcript variant 1, mRNA;

scription factor 4 (TCF4), transcript variant 5, mRNA; gi|342672066|ref|NM\_001243231.1| Homo sapien

nsript variant 2, mRNA;



mber 3 (ACSF3), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA;

CREM), transcript variant 6, mRNA; gi|359465523|ref|NM\_181571.2| Homo sapiens cAMP responsive ɛ

ens sperm antigen with calponin homology and coiled-coil domains 1 (SPECC1), transcript variant 1, mRNA

gamma (ESRRG), transcript variant 1, mRNA; gi|343780942|ref|NM\_206594.2| Homo sapiens estrogen

only 3 (rhombotin-like 2) (LMO3), transcript variant 10, non-coding RNA; gi|343790974|ref|NM\_001243

A 1 (non-protein coding) (C17orf76-AS1), transcript variant 2, non-coding RNA; gi|224548958|ref|NR\_0

A;

iens chromosome 7 open reading frame 49 (C7orf49), transcript variant 7, mRNA;

PH1A), transcript variant 2, mRNA; gi|344313187|ref|NR\_045033.1| Homo sapiens anterior pharynx d

int 1, mRNA;

ens single-strand-selective monofunctional uracil-DNA glycosylase 1 (SMUG1), transcript variant 4, mRN

l\_045090.1| Homo sapiens tumor protein D52-like 2 (TPD52L2), transcript variant 11, non-coding RNA; l

cell expressed, developmentally down-regulated 4-like, E3 ubiquitin protein ligase (NEDD4L), transcript  
ref|NM\_030963.3| Homo sapiens ring finger protein 146 (RNF146), transcript variant 2, mRNA; gi|3388

33470757|ref|NM\_001207058.1| Homo sapiens chromosome 15 open reading frame 44 (C15orf44), tr

it variant 2, mRNA; gi|346716175|ref|NM\_139343.2| Homo sapiens bridging integrator 1 (BIN1), transc

orting, ubiquitous (ATP2A3), transcript variant 7, mRNA;

nist (BID), transcript variant 5, mRNA;

script variant 6, mRNA; gi|348605234|ref|NM\_001244816.1| Homo sapiens forkhead box P1 (FOXP1), i





1251979.1 | Homo sapiens RCAN family member 3 (RCAN3), transcript variant 4, mRNA; gi|354623067|f

O-methyltransferase (PCMT1), transcript variant 2, mRNA;

7 A (NHE3, cation proton antiporter 3), member 3 regulator 2 (SLC9A3R2), transcript variant 4, mRNA;

RNA;

AG1), transcript variant 7, mRNA; gi|358438298|ref|NM\_004393.5| Homo sapiens dystroglycan 1 (dyst

9279884|ref|NR\_045579.1| Homo sapiens relaxin/insulin-like family peptide receptor 1 (RXFP1), transc

protein C, slow type (MYBPC1), transcript variant 1, mRNA; gi|360039226|ref|NM\_001254723.1| Homo

t variant 2, mRNA;

ochondrial protein, transcript variant 1, mRNA;

ant 3, mRNA; gi|190358535|ref|NM\_001128430.1| Homo sapiens SWI/SNF-related, matrix-associated

, transcript variant 4, mRNA;

er 11 (COLEC11), transcript variant 5, mRNA; gi|364502956|ref|NR\_045659.1| Homo sapiens collectin

pt variant 3, mRNA; gi|364803810|ref|NM\_016556.3| Homo sapiens PSMC3 interacting protein (PSMC

VA;

hondrial protein, transcript variant 2, mRNA;

045690.1| Homo sapiens chromosome 19 open reading frame 12 (C19orf12), transcript variant 5, non-c

transcript variant 12, non-coding RNA; gi|371118720|ref|NR\_045768.1| Homo sapiens activating transcrip

), transcript variant 1, mRNA;



hment to proteins 2 (PGAP2), transcript variant 4, mRNA; gi|371940861|ref|NM\_001256240.1| Homo

t variant 3, mRNA;

l212|ref|NM\_001256322.1| Homo sapiens thiamine triphosphatase (THTPA), transcript variant 6, mRN

it variant 1, mRNA;

type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 5B (S

channel, voltage-dependent, T type, alpha 1G subunit (CACNA1G), transcript variant 1, mRNA; gi|373831

001011515.2| Homo sapiens PDZ and LIM domain 5 (PDLIM5), transcript variant 4, mRNA; gi|37409321

guanylate cyclase 1, soluble, alpha 3 (GUCY1A3), transcript variant 5, mRNA;



|374671784|ref|NM\_001256511.1| Homo sapiens single-stranded DNA binding protein 1 (SSBP1), nuc

sophila) (MSTO1), transcript variant 1, mRNA;

ipt variant 5, non-coding RNA;

o sapiens maternal embryonic leucine zipper kinase (MELK), transcript variant 7, mRNA; gi|375493537|

M\_001256711.1| Homo sapiens anaphase promoting complex subunit 10 (ANAPC10), transcript variant

s ganglioside induced differentiation associated protein 1-like 1 (GDAP1L1), transcript variant 4, mRNA;

nesis factor 5-like (PEX5L), transcript variant 5, mRNA; gi|377520112|ref|NM\_016559.2| Homo sapiens

ptor, metabotropic 4 (GRM4), transcript variant 5, mRNA; gi|378548212|ref|NM\_001256811.1| Homo





33.2| Homo sapiens chromosome 1 open reading frame 86 (C1orf86), transcript variant 2, mRNA; gi|375

1 (CCDC51), transcript variant 3, mRNA;

|ref|NM\_001252499.2| Homo sapiens chromosome 12 open reading frame 32 (C12orf32), transcript va

A; gi|380254455|ref|NM\_033295.3| Homo sapiens caspase 1, apoptosis-related cysteine peptidase (CA

422404|ref|NR\_046450.1| Homo sapiens CLR pseudogene (LOC374443), transcript variant 8, non-codir

3838|ref|NM\_001257175.1| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 19B (DDX19B), tra

transcript variant 6, mRNA; gi|380748950|ref|NM\_001257211.1| Homo sapiens fibroblast growth fact

M\_001257321.1| Homo sapiens amyloid beta (A4) precursor protein-binding, family B, member 1 (Fe65

ref|NM\_001001937.1| Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial F1 complex, alpha s

on-coding RNA; gi|383209667|ref|NR\_046468.2| Homo sapiens maternally expressed 3 (non-protein c

aracterized LOC643837 (LOC643837), transcript variant 3, non-coding RNA; gi|383276544|ref|NR\_0153

Prostaglandin E receptor 3 (subtype EP3) (PTGER3), transcript variant 3, non-coding RNA; gi|186659505|ref

















mRNA;





family member 2 (NDRG2), transcript variant 8, mRNA;

: variant 7, mRNA; gi|351542189|ref|NM\_203387.2| Homo sapiens ribonuclease/angiogenin inhibitor 1















ipt variant 4, mRNA; gi|239735493|ref|NM\_001161659.1| Homo sapiens v-myb myeloblastosis viral or

transcript variant 1, mRNA;

ariant 7, mRNA;





cup) (CD44), transcript variant 4, mRNA; gi|321400141|ref|NM\_001202557.1| Homo sapiens CD44 mo

omo sapiens phosphodiesterase 9A (PDE9A), transcript variant 11, mRNA; gi|48762719|ref|NM\_00100







49.1 | Homo sapiens anaphase promoting complex subunit 11 (ANAPC11), transcript variant 7, mRNA;







NM\_001003701.1 | Homo sapiens ATP synthase, H<sup>+</sup> transporting, mitochondrial Fo complex, subunit F6

cript variant 5, mRNA;



















CHRM2), transcript variant 2, mRNA; gi|54792108|ref|NM\_001006628.1| Homo sapiens cholinergic re







ns transient receptor potential cation channel, subfamily M, member 3 (TRPM3), transcript variant 6, n





rotein, transcript variant 4, mRNA;

rotein 1 (MAPKAP1), transcript variant 5, mRNA;





lomo sapiens zinc finger protein 655 (ZNF655), transcript variant 7, mRNA;



HD7), transcript variant 5, mRNA;























676|ref|NM\_001024094.1| Homo sapiens nuclear receptor subfamily 3, group C, member 1 (glucocort

(PML), transcript variant 10, mRNA; gi|67089153|ref|NM\_033247.2| Homo sapiens promyelocytic leuk

















anscript variant 3, mRNA; gi|74027246|ref|NM\_001032381.1| Homo sapiens polyglutamine binding pr









taining 1 (SORBS1), transcript variant 6, mRNA;

transcript variant 1, mRNA;



















er 25 (TNFRSF25), transcript variant 1, mRNA;







VM\_139010.2 | Homo sapiens hemochromatosis (HFE), transcript variant 10, mRNA;

















123 (TTC23), transcript variant 3, mRNA;

transcript variant 4, mRNA;







rowth factor receptor 1 (FGFR1), transcript variant 11, mRNA; gi|291327496|ref|NM\_001174067.1| Ho

ns protein tyrosine phosphatase, non-receptor type 20A (PTPN20A), transcript variant 5, mRNA; gi|109:  
rotein tyrosine phosphatase, non-receptor type 20B (PTPN20B), transcript variant 6, mRNA; gi|1096330





6), transcript variant 2, mRNA;



































I59378.1 | Homo sapiens methenyltetrahydrofolate synthetase domain containing (MTHFSD), transcript









encoding mitochondrial protein, transcript variant 4, mRNA;

















pleiomorphic adenoma gene-like 1 (PLAGL1), transcript variant 8, mRNA;









































1 (CTNND1), transcript variant 7, mRNA; gi|332634643|ref|NM\_001206884.1| Homo sapiens catenin (c

isphate diphosphohydrolase 1 (ENTPD1), transcript variant 4, mRNA;











'EL transmembrane domain containing 1 (CMTM1), transcript variant 16, mRNA; gi|148743788|ref|NM.









RNA; gi|19743855|ref|NM\_002000.2| Homo sapiens Fc fragment of IgA, receptor for (FCAR), transcrip







:ing) (SYBU), transcript variant 1, mRNA; gi|153090202|ref|NM\_001099753.1| Homo sapiens syntabulir

























hate) dehydrogenase 1 (IMPDH1), transcript variant 6, mRNA;







1 | Homo sapiens phosphodiesterase 4D, cAMP-specific (PDE4D), transcript variant 7, mRNA; gi|308387:







omo sapiens zinc finger protein 83 (ZNF83), transcript variant 4, mRNA;



pt variant 1, mRNA;





fibromin 2 (merlin) (NF2), transcript variant 8, mRNA;





















protein L52 (MRPL52), nuclear gene encoding mitochondrial protein, transcript variant 3, mRNA;

protein L55 (MRPL55), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|169





mitochondrial protein, transcript variant 6, mRNA;

















variant 2, mRNA; gi|187829061|ref|NM\_203329.2| Homo sapiens CD59 molecule, complement regula

beta (PPP2R2B), transcript variant 4, mRNA;







$\gamma$ -aminobutyric acid (GABA) A receptor,  $\alpha$  1 (GABRA1), transcript variant 1, mRNA;

s serpin peptidase inhibitor, clade A ( $\alpha$ -1 antiproteinase, antitrypsin), member 1 (SERPINA1), transcr



[DTNA), transcript variant 11, mRNA; gi|312147254|ref|NM\_001198938.1| Homo sapiens dystrobrevin,







3CA4), transcript variant 7, mRNA; gi|192807322|ref|NM\_001128849.1| Homo sapiens SWI/SNF relate











t 3, mRNA;













cript variant 3, mRNA;

195976763|ref|NM\_001130981.1| Homo sapiens dysferlin, limb girdle muscular dystrophy 2B (autosor





g mitochondrial protein, transcript variant 1c, mRNA; gi|197276617|ref|NM\_016821.2| Homo sapiens













lin/obestatin prepropeptide (GHRL), transcript variant 10, non-coding RNA; gi|201860280|ref|NM\_001:

vl\_138319.2 | Homo sapiens proprotein convertase subtilisin/kexin type 6 (PCSK6), transcript variant 2, r











3237|ref|NM\_001135699.1| Homo sapiens tyrosine 3-monooxygenase/tryptophan 5-monooxygenase :





or 3 (FXVD3), transcript variant 7, mRNA; gi|209862810|ref|NM\_001136008.1| Homo sapiens FXVD do

ase activating death domain (MADD), transcript variant 2, mRNA; gi|209862993|ref|NM\_003682.3| Hi

), transcript variant beta, mRNA;



rythroblastosis virus E26 oncogene homolog (avian) (ERG), transcript variant 2, mRNA;













it protein kinase II beta (CAMK2B), transcript variant 3, mRNA; gi|212549586|ref|NM\_172084.2| Homc















: 11, mRNA; gi|215490020|ref|NM\_001142418.1| Homo sapiens mortality factor 4 like 2 (MORF4L2), tr

d protein homolog (rat) (NREP), transcript variant 10, mRNA; gi|215599676|ref|NM\_001142476.1| Hoi

in containing, class B, 9 (BHLHB9), transcript variant 3, mRNA; gi|216547638|ref|NM\_001142524.1| Ho



gene 6 homolog (mouse) (STRA6), transcript variant 3, mRNA; gi|312261226|ref|NM\_001199042.1| Hc



NA; gi|218505776|ref|NM\_001142764.1| Homo sapiens protocadherin-related 15 (PCDH15), transcrip























st growth factor receptor 2 (FGFR2), transcript variant 4, mRNA; gi|222144238|ref|NM\_001144917.1| I

.1| Homo sapiens RAB34, member RAS oncogene family (RAB34), transcript variant 7, mRNA;







variant 4, non-coding RNA; gi|223278340|ref|NM\_014257.4| Homo sapiens C-type lectin domain family 4



Human carnitine palmitoyltransferase 1B (muscle) (CPT1B), nuclear gene encoding mitochondrial protein, 1





anscript variant MOR-1A, mRNA; gi|347921126|ref|NM\_001145280.2| Homo sapiens opioid receptor,

3, non-receptor type 3 (PTPN3), transcript variant 3, mRNA;





ranscript variant 2, mRNA;







o sapiens sorbin and SH3 domain containing 2 (SORBS2), transcript variant 2, mRNA;



transcript variant 3, mRNA;

ninant) (OPA1), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA; gi|224831244

1593730|ref|NM\_001166050.1| Homo sapiens amyloid beta (A4) precursor protein-binding, family B, m



anscript variant 3, mRNA;



735611|ref|NM\_001077703.2| Homo sapiens mesoderm induction early response 1 homolog (Xenopus laevis) (XER1), transcript variant 6, mRNA;



n factor 7-like 2 (T-cell specific, HMG-box) (TCF7L2), transcript variant 3, mRNA; gi|226371763|ref|NM\_







NM\_001159675.1 | Homo sapiens synaptotagmin binding, cytoplasmic RNA interacting protein (SYNCRIP

variant 4, mRNA; gi|228480204|ref|NM\_001159699.1 | Homo sapiens four and a half LIM domains





› sapiens egf-like module containing, mucin-like, hormone receptor-like 2 (EMR2), transcript variant 7, n

s neuregulin 1 (NRG1), transcript variant SMDF, mRNA; gi|236464355|ref|NM\_001160007.1| Homo sa|

irylamine N-acetyltransferase) (NAT1), transcript variant 4, mRNA; gi|237649131|ref|NM\_001160176.1

3 RNA;

137858714|ref|NR\_027682.1| Homo sapiens RPA interacting protein (RPAIN), transcript variant 11, non

18059|ref|NM\_004023.2| Homo sapiens dystrophin (DMD), transcript variant Dp140bc, mRNA; gi|238

or 2 receptor, alpha, low-affinity (granulocyte-macrophage) (CSF2RA), transcript variant 6, mRNA; gi|238

interacting kinase (TNIK), transcript variant 4, mRNA; gi|239735578|ref|NM\_015028.2| Homo sapiens



pt variant 5, mRNA;





ema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6D (SEMA6D), transc

like 2 (SYTL2), transcript variant h, mRNA;

cript variant 9, non-coding RNA; gi|253314442|ref|NM\_001163120.1| Homo sapiens RAD52 motif 1 (R





potassium large conductance calcium-activated channel, subfamily M beta member 3 (KCNMB3), transcr







iding protein, homolog 2 (Drosophila) (STAU2), transcript variant 6, mRNA;



8.1 | Homo sapiens TSNAX-DISC1 readthrough (TSNAX-DISC1), transcript variant 6, non-coding RNA;

it d, mRNA; gi|257153475|ref|NM\_001164546.1| Homo sapiens disrupted in schizophrenia 1 (DISC1), t



M\_001127697.2 | Homo sapiens ataxin 3 (ATXN3), transcript variant e, mRNA; gi|258614028|ref|NM\_C

3613945|ref|NM\_001164751.1 | Homo sapiens aspartate beta-hydroxylase (ASPH), transcript variant 7,

ating enzyme E2D 3 (UBE2D3), transcript variant 9, mRNA; gi|259155310|ref|NM\_181892.2| Homo sa

01165883.1| Homo sapiens zinc finger protein 268 (ZNF268), transcript variant 5, mRNA;

, mRNA;





cript variant 4, mRNA;

01166356.1 | Homo sapiens serine hydroxymethyltransferase 2 (mitochondrial) (SHMT2), nuclear gene €

ng RNA;

























.04, member B (FAM104B), transcript variant 7, mRNA; gi|262359950|ref|NM\_001166701.1| Homo sa|





, beta 2 subunit (CACNB2), transcript variant 1, mRNA; gi|148233695|ref|NM\_201597.2| Homo sapien:









Abelson murine leukemia viral oncogene homolog 2 (ABL2), transcript variant g, mRNA; gi|269847767

mRNA;

o sapiens calcium/calmodulin-dependent protein kinase kinase 2, beta (CAMKK2), transcript variant 7, n



85.1 | Homo sapiens asparagine-linked glycosylation 13 homolog (*S. cerevisiae*) (ALG13), transcript vari

| Homo sapiens myelin oligodendrocyte glycoprotein (MOG), transcript variant alpha5, mRNA; gi|2813

ariant 6, mRNA;

NM\_001170714.1 | Homo sapiens breast cancer anti-estrogen resistance 1 (BCAR1), transcript variant 1,

anscript variant 2, mRNA;



AL3), transcript variant 3, mRNA; gi|28373083|ref|NM\_174970.1| Homo sapiens ST3 beta-galactoside

sapiens vascular endothelial growth factor A (VEGFA), transcript variant 9, mRNA; gi|284172466|ref|NM

cadherin-related 23 (CDH23), transcript variant 7, mRNA;



int 4, mRNA;

3.2 | Homo sapiens SLIT and NTRK-like family, member 2 (SLITRK2), transcript variant 8, mRNA;



















sociated protein tau (MAPT), transcript variant 2, mRNA;

Homo sapiens solute carrier family 11 (proton-coupled divalent metal ion transporters), member 2 (SLC



ptor modulator, acyl-CoA binding protein) (DBI), transcript variant 3, mRNA; gi|295842535|ref|NM\_021

transcript variant 6, non-coding RNA;

Homo sapiens zinc finger protein 185 (LIM domain) (ZNF185), transcript variant 5, mRNA;

7, mRNA; gi|296010998|ref|NM\_001178123.1| Homo sapiens abl-interactor 1 (ABI1), transcript variar



homolog (C. elegans) (PARD3), transcript variant 10, mRNA; gi|296278205|ref|NM\_001184794.1| Homo

iPR64), transcript variant 6, mRNA; gi|296317302|ref|NM\_001184836.1| Homo sapiens G protein-coupled  
bryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein) (CEACAM1), transcript variant 6,



8 (CARD8), transcript variant 2, mRNA; gi|296531369|ref|NR\_033679.1| Homo sapiens caspase recruit

IA; gi|296841080|ref|NM\_198177.2| Homo sapiens microphthalmia-associated transcription factor (M  
ine (PCYT2), transcript variant 7, mRNA;

known, 1, 6kDa (NDUFC1), nuclear gene encoding mitochondrial protein, transcript variant 4, mRNA; gi



itol hexakisphosphate kinase 2 (IP6K2), transcript variant 2, mRNA; gi|298286520|ref|NM\_001190316.

203|ref|NM\_033317.4| Homo sapiens dermokine (DMKN), transcript variant 2, mRNA;

gi|299522998|ref|NM\_172351.2| Homo sapiens CD46 molecule, complement regulatory protein (CD

1484.1| Homo sapiens cytochrome P450, family 3, subfamily A, polypeptide 5 (CYP3A5), transcript variar









ens purinergic receptor P2X, ligand-gated ion channel, 7 (P2RX7), transcript variant 3, non-coding RNA; {

.9), transcript variant 6, mRNA;

Homo sapiens sphingomyelin phosphodiesterase 4, neutral membrane (neutral sphingomyelinase-3) (SI



▸ sapiens caspase 12 (gene/pseudogene) (CASP12), transcript variant 10, non-coding RNA; gi|300794885

























it 6, mRNA; gi|302393587|ref|NR\_036516.1| Homo sapiens chromosome 17 open reading frame 62 (C:

1 (EIF4G1), transcript variant 4, mRNA;



nt 9, mRNA; gi|297515481|ref|NM\_001185110.1| Homo sapiens CD1e molecule (CD1E), transcript vari



aryotic translation elongation factor 1 delta (guanine nucleotide exchange protein) (EEF1D), transcript v

.95252.1| Homo sapiens aprataxin (APTX), transcript variant 11, mRNA; gi|305410830|ref|NM\_001195

gi|305410871|ref|NM\_001002810.3| Homo sapiens phosphodiesterase 4D interacting protein (PDE4DI





nt 3, mRNA;

arity 213, member B (FAM213B), transcript variant 6, mRNA; gi|307691185|ref|NM\_001195737.1| Hon

ant 6, mRNA; gi|308199453|ref|NM\_001197125.1| Homo sapiens interferon regulatory factor 3 (IRF3),

gi|308199483|ref|NM\_001197139.1| Homo sapiens dysbindin (dystrobrevin binding protein 1) domain











ant 4 (LOC100507372), miscRNA; gi|310123874|ref|XR\_109519.1| PREDICTED: Homo sapiens hypothe





ant 1 (LOC100507291), miscRNA; gi|310114535|ref|XR\_112579.1| PREDICTED: Homo sapiens hypothe





f|XM\_003118907.1| PREDICTED: Homo sapiens coiled-coil domain-containing protein 162-like, transcrip



|310118385|ref|XM\_003119053.1| PREDICTED: Homo sapiens RAS p21 protein activator 4B, transcript  
ant 1 (LOC100506683), miscRNA; gi|310120068|ref|XR\_108857.1| PREDICTED: Homo sapiens hypothe

ant 3 (LOC100506881), miscRNA; gi|310120094|ref|XR\_108815.1| PREDICTED: Homo sapiens hypothe

ipt variant 3 (LOC100506032), mRNA; gi|310118664|ref|XM\_003119134.1| PREDICTED: Homo sapiens









ant 3 (LOC100505813), miscRNA;

ant 2 (LOC100506098), miscRNA; gi|310118234|ref|XR\_110646.1| PREDICTED: Homo sapiens hypothe

ant 3 (LOC100128737), miscRNA; gi|310115343|ref|XR\_113068.1| PREDICTED: Homo sapiens hypothe



















J505603), mRNA; gi|310124641|ref|XM\_003119072.1| PREDICTED: Homo sapiens proline-rich nuclear

ociated protein 7 (MAP7), transcript variant 7, mRNA; gi|310750365|ref|NM\_001198617.1| Homo sapi

), transcript variant 10, mRNA; gi|334278912|ref|NM\_001242352.1| Homo sapiens outer dense fiber o

ated) (RUNX1T1), transcript variant 8, mRNA; gi|310923104|ref|NM\_001198632.1| Homo sapiens runt



12032414|ref|NM\_139121.2| Homo sapiens YY1 associated protein 1 (YY1AP1), transcript variant 5, m











'2C1), transcript variant 10, mRNA; gi|48762690|ref|NM\_001001487.1| Homo sapiens ATPase, Ca++ tr:

ipt variant B1, mRNA; gi|312922334|ref|NM\_001199252.1| Homo sapiens shugoshin-like 1 (S. pombe)















ed subfamily, beta member 2 (KCNAB2), transcript variant 2, mRNA;



coenzyme Q reductase) (NDUFS1), transcript variant 3, mRNA;



ber 3 (NR1I3), transcript variant 8, mRNA; gi|319059315|ref|NM\_001077476.2| Homo sapiens nuclear







61|ref|NM\_003879.5| Homo sapiens CASP8 and FADD-like apoptosis regulator (CFLAR), transcript varia

001204066.1 | Homo sapiens ankyrin repeat and sterile alpha motif domain containing 1B (ANKS1B), tra

ns BCL2-like 11 (apoptosis facilitator) (BCL2L11), transcript variant 14, mRNA; gi|323362953|ref|NM\_1

apiens histone deacetylase 9 (HDAC9), transcript variant 1, mRNA;

apiens methyl-CpG binding domain protein 1 (MBD1), transcript variant 5, mRNA; gi|323462154|ref|NM

(TP73), transcript variant 13, mRNA; gi|323668273|ref|NM\_001204186.1| Homo sapiens tumor protei

recursor protein (APP), transcript variant 8, mRNA; gi|228008401|ref|NM\_001136130.2| Homo sapien:

:e associated (MUC1), transcript variant 2, mRNA; gi|324120948|ref|NM\_002456.5| Homo sapiens mur



signaling 6 (RGS6), transcript variant 3, mRNA; gi|325053687|ref|NM\_001204423.1| Homo sapiens reg





CEB1), transcript variant 7, mRNA; gi|325652032|ref|NM\_001204857.1| Homo sapiens transcription el









n end product-specific receptor (AGER), transcript variant 6, mRNA; gi|332800966|ref|NM\_001206932.  
orter 4) (SLC16A3), transcript variant 2, mRNA;

7.1 | Homo sapiens tospeak (LOC100616530), transcript variant 7, non-coding RNA;





PPFIA2), transcript variant 4, mRNA; gi|333805627|ref|NM\_001220480.1| Homo sapiens protein tyrosi

S family zinc finger 1 (Ikaros) (IKZF1), transcript variant 4, mRNA; gi|334085220|ref|NM\_001220771.1|



\_181291.2 | Homo sapiens WD repeat domain 20 (WDR20), transcript variant 1, mRNA;

504 | ref | NM\_001242462.1 | Homo sapiens growth hormone receptor (GHR), transcript variant 12, mRNA;

1242481.1 | Homo sapiens eukaryotic translation initiation factor 1A domain containing (EIF1AD), trans

member A (FAM156A), transcript variant 6, mRNA; gi|335334976|ref|NM\_001242494.1| Homo sapien:

amily domain containing 11 (MFSD11), transcript variant 2, mRNA;

riant 9, non-coding RNA; gi|336176049|ref|NR\_038416.1| Homo sapiens uncharacterized LOC1005067





























discs, large (Drosophila) homolog-associated protein 1 (DLGAP1), transcript variant 7, mRNA; gi|338221

ase beta (IKBKB), transcript variant 6, non-coding RNA;

5685.2 | Homo sapiens BRF1 homolog, subunit of RNA polymerase III transcription initiation factor IIIB (‘

; homolog (mouse) (DEF8), transcript variant 7, mRNA; gi|338797787|ref|NM\_017702.3| Homo sapiens

4; gi|338827708|ref|NM\_001242841.1| Homo sapiens zinc finger protein 195 (ZNF195), transcript vari

a (PRKACB), transcript variant 9, mRNA; gi|338827754|ref|NM\_001242858.1| Homo sapiens protein kin

;

ns dopa decarboxylase (aromatic L-amino acid decarboxylase) (DDC), transcript variant 1, mRNA;

e domain 6 (ZFAND6), transcript variant 8, mRNA; gi|339276059|ref|NM\_001242911.1| Homo sapiens









| PREDICTED: Homo sapiens cadherin-23-like, transcript variant 6 (LOC100653137), mRNA;







ant 1 (LOC100506694), miscRNA; gi|310123852|ref|XR\_109507.1| PREDICTED: Homo sapiens hypothe



194), mRNA; gi|341914289|ref|XM\_003403724.1| PREDICTED: Homo sapiens signal-regulatory protein







.1 | PREDICTED: Homo sapiens KIAA0146, transcript variant 4 (KIAA0146), mRNA; gi|341914750|ref|XM

EDICTED: Homo sapiens protein FRG1-like (LOC100289097), mRNA;

LA class II histocompatibility antigen, DRB1-7 beta chain-like, transcript variant 1 (LOC100507714), mRN









miscRNA;



homo sapiens hypothetical LOC100288366, transcript variant 3 (LOC100288366), miscRNA; gi|34191386



XR\_133144.1 | PREDICTED: Homo sapiens hypothetical LOC645722, transcript variant 5 (LOC645722), m





nRNA; gi|341913858|ref|XM\_003403656.1| PREDICTED: Homo sapiens zinc finger protein 26-like, tran

mouse killer cell immunoglobulin-like receptor, two domains, short cytoplasmic tail, 2, transcript va

ociated factor, RNA polymerase I, C, 110kDa (TAF1C), transcript variant 6, mRNA; gi|341926252|ref|NM

ns transcription factor 4 (TCF4), transcript variant 7, mRNA; gi|342672058|ref|NM\_001243226.1| Hom



element modulator (CREM), transcript variant 1, mRNA; gi|34335193|ref|NM\_182720.1| Homo sapien:

VA;

1-related receptor gamma (ESRRG), transcript variant 2, mRNA; gi|343780939|ref|NM\_001134285.2| H

3609.1| Homo sapiens LIM domain only 3 (rhombotin-like 2) (LMO3), transcript variant 3, mRNA; gi|343

27163.1| Homo sapiens C17orf76 antisense RNA 1 (non-protein coding) (C17orf76-AS1), transcript varia

effective 1 homolog A (C. elegans) (APH1A), transcript variant 5, non-coding RNA;

A; gi|344925878|ref|NM\_001243790.1| Homo sapiens single-strand-selective monofunctional uracil-DI



gi|345197267|ref|NM\_001243894.1| Homo sapiens tumor protein D52-like 2 (TPD52L2), transcript var

variant d, mRNA; gi|222352093|ref|NM\_001144971.1| Homo sapiens neural precursor cell expressed,  
27730|ref|NM\_001242850.1| Homo sapiens ring finger protein 146 (RNF146), transcript variant 9, mRNA

transcript variant 4, mRNA;

cript variant 1, mRNA; gi|346716180|ref|NM\_139348.2| Homo sapiens bridging integrator 1 (BIN1), tra



transcript variant 9, mRNA;



ref|NM\_001251977.1| Homo sapiens RCAN family member 3 (RCAN3), transcript variant 2, mRNA; gi|3.



trophin-associated glycoprotein 1) (DAG1), transcript variant 2, mRNA; gi|358438227|ref|NM\_0011776



ript variant 8, non-coding RNA; gi|359279869|ref|NM\_001253728.1| Homo sapiens relaxin/insulin-like

o sapiens myosin binding protein C, slow type (MYBPC1), transcript variant 10, mRNA; gi|360039213|ref

actin-dependent regulator of chromatin, subfamily a, containing DEAD/H box 1 (SMARCAD1), transcript

sub-family member 11 (COLEC11), transcript variant 11, non-coding RNA; gi|364502948|ref|NM\_0012

3IP), transcript variant 2, mRNA;

oding RNA;

tion factor 2 (ATF2), transcript variant 7, non-coding RNA; gi|371118942|ref|NR\_045772.1| Homo sapi

sapiens post-GPI attachment to proteins 2 (PGAP2), transcript variant 12, mRNA; gi|372266105|ref|NR

A; gi|366039943|ref|NM\_001126339.2| Homo sapiens thiamine triphosphatase (THTPA), transcript va

SEMA5B), transcript variant 1, mRNA; gi|373432661|ref|NM\_001256348.1| Homo sapiens sema domai

8810|ref|NR\_046057.1| Homo sapiens calcium channel, voltage-dependent, T type, alpha 1G subunit (C

l3|ref|NM\_001256429.1| Homo sapiens PDZ and LIM domain 5 (PDLIM5), transcript variant 9, mRNA; g





clear gene encoding mitochondrial protein, transcript variant 2, mRNA;

ref|NM\_001256688.1| Homo sapiens maternal embryonic leucine zipper kinase (MELK), transcript varia

t 7, mRNA; gi|375493579|ref|NM\_001256707.1| Homo sapiens anaphase promoting complex subunit :



5 peroxisomal biogenesis factor 5-like (PEX5L), transcript variant 1, mRNA;

sapiens glutamate receptor, metabotropic 4 (GRM4), transcript variant 4, mRNA;



9643026|ref|NR\_046426.1| Homo sapiens chromosome 1 open reading frame 86 (C1orf86), transcript

variant 1, mRNA;

SP1), transcript variant epsilon, mRNA;

g RNA; gi|380422401|ref|NR\_046446.1| Homo sapiens CLR pseudogene (LOC374443), transcript varia

transcript variant 7, mRNA;

for 1 (acidic) (FGF1), transcript variant 13, mRNA; gi|380748948|ref|NM\_001257210.1| Homo sapiens f

5) (APBB1), transcript variant 4, mRNA; gi|220355553|ref|NM\_145689.1| Homo sapiens amyloid beta (A



ubunit 1, cardiac muscle (ATP5A1), nuclear gene encoding mitochondrial protein, transcript variant 1, n

oding) (MEG3), transcript variant 11, non-coding RNA; gi|290543317|ref|NR\_033359.1| Homo sapiens

68.2 | Homo sapiens uncharacterized LOC643837 (LOC643837), transcript variant 6, non-coding RNA; gi

ef|NM\_001126044.1| Homo sapiens prostaglandin E receptor 3 (subtype EP3) (PTGER3), transcript varia























1 (RNH1), transcript variant 6, mRNA;















ncogene homolog (avian) (MYB), transcript variant 7, mRNA; gi|239735489|ref|NM\_001161657.1| Hon









lecule (Indian blood group) (CD44), transcript variant 8, mRNA;

1568.1 | Homo sapiens phosphodiesterase 9A (PDE9A), transcript variant 3, mRNA; gi|48762747|ref|NM















5 (ATP5J), nuclear gene encoding mitochondrial protein, transcript variant 5, mRNA;





















ceptor, muscarinic 2 (CHRM2), transcript variant 6, mRNA;





αRNA; gi|154091319|ref|NM\_020952.4| Homo sapiens transient receptor potential cation channel, sub







































icoid receptor) (NR3C1), transcript variant 7, mRNA; gi|324021680|ref|NM\_001204263.1| Homo sapie



emia (PML), transcript variant 8, mRNA;

















otein 1 (PQBP1), transcript variant 2, mRNA; gi|74027245|ref|NM\_005710.2| Homo sapiens polyglutar











































1 (testican) 3 (SPOCK3), transcript variant 7, mRNA; gi|354548828|ref|NM\_001251967.1| Homo sapien



















mo sapiens fibroblast growth factor receptor

138558|ref|NM\_001042387.1| Homo sapiens protein tyrosine p  
33|ref|NM\_001042357.3| Homo sapiens protein tyrosine phos











































variant 2, mRNA;





































































cadherin-associated protein), delta 1 (CTNND1),









\_181270.2 | Homo sapiens CKLF-like MARVEL transmembrane domain containing 1 (CMTM1), t











t variant 1, mRNA;





γ (syntaxin-interacting) (SYBU), transcrip

































381|ref|NM\_001197222.1| Homo sapiens phosphodiesterase 4D, cAMP-sp







































646393|ref|NM\_181462.2| Homo sapiens mitochond

























itory protein (CD59), transcript variant 3, mRNA;







ript variant 9, mRNA; gi|1



, alpha (DTNA), transcript variant 10, mRNA; gi|312147281|re









d, matrix associated, actin dependent regulator of c

ha 1C subunit (CACNA1C), transcript variant 8, mRNA;





















nal recessive) (DYSF), transcript







8-oxoguanine DNA glycosylase (OGG1), nuclear gene encodin











134944.1 | Homo sapiens ghrelin/obestatin preprop



mRNA;









activation protein, zeta polypeptide (YWHAZ), transcript variant 3, mRNA







main containing ion transport regulator 3 (FXVD3), tr

omo sapiens MAP-kinase activating death domain (MADD), transcript variant

















› sapiens calcium/calmodulin-dependent protein kinase II bet













ranscript variant 1, mRNA; gi|215490042|ref|NM\_0



mo sapiens neuronal regeneration related protein hom

omo sapiens basic helix-loop-helix



omo sapiens stimulated by retinoic acid gene 6 homolog

nt variant B, mRNA; gi|218505784|ref|NM\_001142768.1| Homo sapiens





n-derived neurotrophic factor (BDNF), transcript varia

















Homo sapiens fibroblast growth factor recepto









I, member M (CLEC4M), transcript variant 1, mRNA; gi|223278343

transcript variant 1, mRNA; gi|2234





mu 1 (OPRM1), transcript variant MOR-1G1, mRNA; gi|223718711|ref|NM\_001145286.1| H





















l|ref|NM\_130831.2| Homo sapiens optic atrophy 1

member 2 (APBB2), transcript variant 2, mRNA;





is laevis) (MIER1), transcript variant 5, mRNA; gi|225735630|ref|N



\_001146274.1 | Homo









), transcript variant 4, mRNA;

1 (FHL1), transcript variant 7, mRNA;



1RNA;

piens neuregulin 1 (NRG1), transcript variant HRG-gamma3, mRNA; gi|236461111|

.| Homo sapiens N-acetyltransferase 1 (arylam

l-coding RNA; gi|237858694|ref|NM\_001033002.

018048|ref|NM\_004011.3| Homo sapiens dystrophin (DMD), transcript variant Dp26

3908518|ref|NM\_001161531.1|



TRAF2 and NCK interacting kinase (TNIK), transcript va







cript variant 4, mRNA; gi|24234728|ref|NM\_020858.1| Homo sapiens sema domain, trans



DM1), transcript variant 3, mRNA; gi|253314459|ref|NR\_027999.1| Homo sap







ipt variant 3, mRNA;









ranscript variant i, mRNA; gi|257153304|ref





001164779.1 | Homo sapiens ataxin 3 (ATXN3), transcri

mRNA; gi|214832379|ref|NM\_004318.3| Homo sapiens asparta

oien ubiquitin-conjugating enzyme E2D 3 (UBE2D3), transcript va







encoding mitochondrial protein, transcript variant 2





























piens family with sequence similarity 104, member B (FAM104B),



s calcium channel, voltage-dependent, beta 2 subunit (CA











'|ref|NM\_005158.4| Homo sapiens v-abl Abelson murine leuk



nRNA;

ant 4, mRNA; gi|380848748|ref|NM\_0

71473|ref|NM\_001008228.2| Homo sapiens myelin oligodendrocyte g



mRNA; gi|282398126|ref|NM\_001170721.1| Ho







alpha-2,3-sialyltransferase 3 (ST3

√\_001171627.1 | Homo sapiens vascular endothelial

























:11A2), transcript variant 5, mR





0548.6 | Homo sapiens diazepam binding inhi

nt 10, mRNA; gi|296010947|ref|NM\_001012750.2



sapiens par-3 partitioning defective 3 homo

oled receptor 64 (GPR64), transcript variant 8, mRNA;  
mRNA;

ment domain family, member 8 (CARD8), transcript variant 8, non-co

ITF), transcript variant 2, mRNA;

i|297206725|ref|NM\_001184986.1| Homo sapiens NADH dehydrogenase (u









46), transcript variant c, mRNA;

nt 2, mRNA; gi|299523044|ref|NR\_033812







gi|300068986|ref|NM\_00

VPD4), transcript variant 3, mRNA;



;|ref|NR\_034065.1| Homo sapiens caspase 12 (gene/pseudogene



























17orf62), transcript variant 9, non-coding RNA; gi|302393566|ref|NM\_001193

ant 12, mRNA; gi|297515487|ref|NM\_001185112.1| Homo sapiens CD1e molecule (



variant 7, mRNA; gi|3045555

249.1 | Homo sapiens aprataxin (APTX), transcript variant 7

P), transcript variant 4, mRNA; gi|311771515|ref|NM\_0011









no sapiens family with sequence similarity 213, member B (FAM

, transcript variant 5, mRNA;

containing 2 (DBNDD2), transcript variant 7, mRNA











tical LOC100507372, transcript variant 4 (LOC100507372), miscRNA;

tical LOC100134361, transcript variant 1 (LOC100134361), miscRNA;



tical LOC100507291, transcript variant 3 (LOC100507291), miscRNA;



ot variant 1 (LOC100506339), mRNA;



t variant 2 (RASA4B), mRNA;  
tical LOC100506683, transcript variant 2 (LOC100506683), miscRNA;

tical LOC100506881, transcript variant 1 (LOC100506881), miscRNA; gi|31011



; neuroblastoma breakpoint family member 21-like, transcript variant 10 (LOC100









tical LOC100506098, transcript variant 1 (LOC100506098), miscRNA; gi|31011

tical LOC100128737, transcript variant 3 (LOC100128737), miscRNA; gi|31011



















receptor coactivator 2-like, transcript varia



ens microtubule-associated protein 7 (MAP7), transcript variant

f sperm tails 2 (ODF2), transcript varia

:-related transcript



RNA; gi|312032421|ref|NM\_001198902.1| Homo sapiens YY









ansporting, type 2C, member 1 (ATP2C1), transcript variant 2, m

(SGOL1), transcript variant A4, mRNA; gi|312922394|ref|NM

























receptor subfamily 1, group I, member 3 (NR1I3), t





ant 1, mRNA;

nsript variant 5, mRNA; gi|323276631|ref|NM\_

38622.3 | Homo sapiens BCL2-like

VI\_001204140.1 | Homo sapiens methyl-CpG binding domain protein 1 (MBD1),



n p73 (TP73), transcript variant 10, mRNA; gi|323668322|ref|NM\_0011

s amyloid beta (A4) precursor protein (APP), transcr

cin 1, cell surface associated (MUC1), transcript vari



ulator of G-protein signaling 6 (RGS6), t



ongation factor B











.1 | Homo sapiens advanced glycosylation end prod





ine phospho

Homo sapiens IKAROS family zin





4; gi|335057512|ref|NM\_001242404.2| Homo sapiens growth hormone receptor (GHR),

cript variant 1, mRNA;

s family with sequence similarity 156, member A (FAM156A), transcr





























l668|ref|NM\_004746.3| Homo sapiens discs, l



S. cere

s differentially expressed in FDCP 8 homolog (mouse)

ant 4, mRNA; gi|378744217|ref|NM\_00125682

nase, cAMP-dependent, catalytic, beta (PRKACB), tran

zinc finger, AN1-type domain 6 (ZFAND6), transcript variant

















tical LOC100506694, transcript variant 1 (LOC100506694), miscRNA; gi|34191

1 beta-1 isoform 3-like, transcript variant 3 (LO









1\_003403806.1 | PREDICTED: Homo sapiens KIAA0146, transcript variant 5 (KIAA0146), m

















04|ref|XR\_132995.1| PREDICTED: Homo sapiens hypothetical LOC100288366 (LOC100288366),



liscRNA; gi|310113153|ref|XR\_111731.1| PREDICTED: Homo sapiens hy



script variant 3 (LOC100287515), mRNA;

variant 3 (KIR2DS2), mRNA

1\_005679.3 | Homo sapiens TATA box binding p

o sapiens transcription factor 4 (TCF4), tra





s cAMP responsive element modulator (CREM), transcript variant 7, mRNA; gi|343352

lomo sapiens estrogen-related receptor gamma (ESRRG), transcript variant

790983|ref|NM\_001243612.1| Homo sapiens LIM domain onl

ant 7, non-coding RNA; gi|224548957|ref|NR

NA glycosylase 1 (SMUG1), transcript variant

variant 9, mRNA; gi|345197261|ref|NM\_001243891.1| Homo sa

, developmentally down-regulat

VA; gi|338827728|ref|NM\_001242849.1| Homo sa

nsript variant 6, mRNA;









54623066|ref|NM\_013441.3| Homo sapiens RCAN family member 3 (RCAN3), transcript var





: family peptide recep

f|NM\_206819.2| Homo sapiens myosin binding protein C, slo

variant 2, mRNA;

55985.1 | Homo sapiens collectin sub-family member 11 (COLEC11),

ens activating transcripti



\_045927.1 | Homo sapiens post-GPI attachment to protein

riant 2, mRNA;

in, seven thrombospondin repeats (type 1 and type 1-like), transme

CACNA1G), transcript variant 33, non-coding RNA; gi|

gi|374093207|ref|NM\_001256426.1| Homo sapiens PDZ and LIM domain 5 (PDLIM5





ant 4, mRNA; gi|375340328|ref|NM\_001256689.1| Homo sapie

10 (ANAPC10), transcript variant 3, mRNA; gi|375493586|ref|NM\_001256710.1| Hom









variant 8, non-coding RNA; gi|284005027|ref|NM\_001146310.1| Homo s

int 4, non-coding RNA;

fibroblast growth factor 1 (acidic

4) precursor protein-binding, family B, member

RNA;

maternally expressed 3 (non-protein coding) (

|383276539|ref|NR\_047519.1| Homo sapiens uncharacterized LOC64

nt 11, mRNA; gi|38505177|ref|NM\_198714.1|









































10 sapiens v-myb myeloblastosis viral oncogene homolog (avian)









vl\_001001582.1 | Homo sapiens phosphodiesterase 9A (PDE9A), transcript varia













































family M, member 3 (TRPM3), transcript variant







































ns nuclear receptor subfamily 3, group C, mem



















nine binding protein 1 (PQBP1), transcript variant 1, mRNA;













































s sparc/osteonectin, cwcw and kazal-like do