**Table S2. Primers and probes used in ChIP and RT-qPCR analysis**

|  |  |  |  |
| --- | --- | --- | --- |
| Primer ID | Sequence (5' - 3') | Target | Reference |
| YD-Pri2527 | CCACGATGGACACCATCATC | UL32, forward *a* |  |
| YD-Pri2528 | AGAAAACCGCGTATCCGCCT | UL32, reverse *a* |  |
| YD-Pri2074 | GGTTTCTGGCTCGTGGATGTCG | UL32, forward | [[1](#_ENREF_1)] |
| YD-Pri2075 | CACACAACACCGTCGTCCGATTAC | UL32, reverse | [[1](#_ENREF_1)] |
| YD-Pri692 | TTTTCTCACCGAGGAACCTTTC | UL44, forward | [[2](#_ENREF_2)] |
| YD-Pri693 | CCGCTGTTCCCGACGTAAT | UL44, reverse | [[2](#_ENREF_2)] |
| YD-Pri2076 | GTGTCCCATTCCCGACTCG | UL99, forward | [[1](#_ENREF_1)] |
| YD-Pri2077 | TTCACAACGTCCACCCACC | UL99, reverse | [[1](#_ENREF_1)] |
| YD-Pri2489 | CTTACGGGACTTTCCTACTTG | MIE, forward *a* | [[3](#_ENREF_3)] |
| YD-Pri2490 | CGATCTGACGGTTCACTAA | MIE, reverse *a* | [[3](#_ENREF_3)] |
| YD-Pri2491 | CCTAGTGTGGATGACCTA | MIE, forward | [[3](#_ENREF_3)] |
| YD-Pri2492 | GTGACACCAGAGAATCAG | MIE, reverse | [[3](#_ENREF_3)] |
| YD-Pri2493 | CACCAAAGACACGTCGTT | UL54, forward *a* | [[3](#_ENREF_3)] |
| YD-Pri2494 | GTCCTTTGCGACCAGAAT | UL54, reverse *a* | [[3](#_ENREF_3)] |
| YD-Pri2495 | GTGTGCAACTACGAGGTA | UL54, forward | [[3](#_ENREF_3)] |
| YD-Pri2496 | GACAGCACGTTGGTTACA | UL54, reverse | [[3](#_ENREF_3)] |
| YD-Pri2511 | GGGTGTGGCGCTACGGGTTACAAA | UL75, forward *a* |  |
| YD-Pri2512 | ATGGCTTACCCGCGTGTCCC | UL75, reverse *a* |  |
| YD-Pri2521 | GTGTCCATCAAAGAGGATACAG | UL75, forward |  |
| YD-Pri2522 | AAACCACTCCACACGACTGG | UL75, reverse |  |
| YD-Pri3043 | ATGAAAGTCACACAGGCCAGC | UL48 (5’ end), forward | [[4](#_ENREF_4)] |
| YD-Pri3044 | GCAGCTTCTTTTGCAACTCGC | UL48 (5’ end), reverse | [[4](#_ENREF_4)] |
| YD-Pri3039 | CAACGTTTCGTAACCAAGCGA | UL48 (intragenic), forward | [[4](#_ENREF_4)] |
| YD-Pri3040 | CTGCAGCGCTTTCAGAATTTC | UL48 (intragenic), reverse | [[4](#_ENREF_4)] |
| YD-Pri3041 | CTGCTCCAGGACACGTGGAC | UL48 (3’ end), forward | [[4](#_ENREF_4)] |
| YD-Pri3042 | GGTCATACAGCGGGAAGGTG | UL48 (3’ end), reverse | [[4](#_ENREF_4)] |
| YD-Pri3021 | GTAACCCGTTGAACCCCATT | 18s rRNA, forward |  |
| YD-Pri3022 | CCATCCAATCGGTAGTAGCG | 18s rRNA, reverse |  |
| YD-Pri744 | CTGTTGCTGTAGCCAAATTCGT | GAPDH, forward | [[1](#_ENREF_1)] |
| YD-Pri745 | ACCCACTCCTCCACCTTTGAC | GAPDH, reverse | [[1](#_ENREF_1)] |
| YD-Pri3023 | CAAGGCAAAGCGAAATTGGT | RPL30, forward *b* | [[5](#_ENREF_5)] |
| YD-Pri3024 | GCCCGTTCAGTCTCTTCGATT | RPL30, reverse *b* | [[5](#_ENREF_5)] |
| YD-Pri3027 | CTGGGCAGTTGTTAGCGAGA | RPL30, forward *c* | [[5](#_ENREF_5)] |
| YD-Pri3028 | GTCGCTGGAGTCGATCAACT | RPL30, reverse *c* | [[5](#_ENREF_5)] |
| YD-Pri3047 | TCTTCATGCTCCAGACGTAC | MxA, forward | [[5](#_ENREF_5)] |
| YD-Pri3048 | CCAGCTGTAGGTGTCCTTG | MxA, reverse | [[5](#_ENREF_5)] |
| YD-Pri3044 | FAM-AATCAATGCGTCTGCAACGGC  ATCA-TAMRA (Taqman probe, IDT) | UL48 (5’ end) | [[4](#_ENREF_4)] |
| YD-Pri3045 | FAM-ACTTTCAGCGTCTGACGCAGG  TCAT-TAMRA (Taqman probe, IDT) | UL48 (intragenic) | [[4](#_ENREF_4)] |
| YD-Pri3046 | FAM-ACGGCTACGCGATTACCTGCG  TTTC-TAMRA (Taqman probe, IDT) | UL48 (3’ end) | [[4](#_ENREF_4)] |
| Hs03929097\_g1 | Taqman probe, Invitrogen | GAPDH |  |

*a* Promoter regions

*b* Used in RT-qPCR for nuclear run-on assay only

*c* Used in RT-qPCR for total transcript quantification

**References**

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